MUNITAL TO MUNITERED SERVALS Monthly Index Russian Accessions



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THE LIBRARY OF CONGRESS WASHINGTON: 1967

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INTRODUCTORY NOTE

The MONTILLY INDEX OF RUSSIAN ACCESSIONS^{*} is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating Libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included.

The MONTHLY INDEX consists of three parts. Part A lists monographic literature, but no accessions published earlier than 1951 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes accessions printed earlier than 1954. Tables of contents in English translation are provided for most periodicals listed. Certain Soviet periodicals are being translated into English from cover to cover and published regularly in translation in the United States and other English-speaking countries. A list of such translated periodicals, their publishers, subscription prices, etc., is given at the end of each issue of the Monthly Index. In Part B such periodicals are indicated by an asterisk before the periodical title.

Part C provides subject analysis of the monographic titles listed in Part A and of the articles appearing in the periodicals enumerated in the List of Periodicals Indexed and Abbreviations Used at the beginning of Part C. The number and letter in parentheses following each abbreviation indicate the class and subclass in which the periodical appears in Part B. For the convenience of readers desiring to examine only monographs or periodical articles, the monographs are printed in slightly heavier type than the periodical articles. The titles of monographs are given both in the original language and in English translation, whereas titles of periodical articles are given in English translation only.

Sample title: Some data on lung-to-heart reflexes in amphibians. A. E. Alekseev. Biul. eksp. biol. i med. 54 no. 12: 18-22 D '62.

Explanation: An article with title given above in English translation, written by A. E. Alekseev, will be found in the December 1962 issue of Biulleten' eksperimental'noi biologii i meditsiny, vol. 54, no. 12, pages 18-22.

A cumulative list of periodicals included in the current volume appears in number 12 of that volume. This list is arranged by subject; the symbols of American libraries other than the Library of Congress, known to have files of such periodicals, follow each title.

Except in Part C, the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols representing other libraries indicate when items are available in those libraries. Curves () around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

Cumulative author, subject, and periodical location indexes to the first four volumes of the MONTHLY INDEX are available as separate publications. Beginning with Volume 5, an author index to the monographs, and a periodical location index for the entire volume are furnished as appendices to the first two issues of the following volume.

Orders for microfilm or photostat copies of the listed items that are in the collections of the Library of Congress may be placed with the Photoduplication Service, Library of Congress, Washington, D. C. 20540

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^{*} Volumes 1-10 (No. 9), 1948-1957, issued under title Monthly List of Russian Accessions.

SYMBOLS OF LIBRARIES REPORTING RECEIPT OF PUBLICATIONS

A A P AMAU	Auburn University, Auburn, Ala. Air University Library, Maxwell Air Force	CaOOU CaOTM	University of Ottawa, Ottawa, Canada Library, Meteorological Branch, Air Services,
AU AkU	Base, Montgomery, Ala. University of Alabama, University University of Alaska Library, College	CaOTR	Dept. of Transport, Toronto, Canada Royal Canadian Institute, Toronto, Canada. (Collection included with CaOTU)
AzTeS AzU	Arizona State College, Tempe University of Arizona, Tucson	CaOTRM	Royal Ontario Museum, Zoology and Paleon- tology Library, Toronto, Canada
C CBPac	California State Library, Sacramento Pacific School of Religion, Berkeley	CaOTU CaOWA	University of Toronto, Toronto, Canada Assumption University Library, Windsor,
CCC CFS	Honnold Library, Claremont, Calif. Fresno State College, Fresno, Calif.	CaOWtU	Canada University of Waterloo Library, Waterloo,
CL CLCM	Los Angeles Public Library Los Angeles County Museum Library, Los	CaQMAI	Canada Arctic Institute of North America, Montreal,
CLL CLM	Angeles Los Angeles County Law Library, Los Angeles Los Angeles County Medical Association,	CaQMBM	Canada Bibliothèque de la Ville de Montréal, Collection Gagnon, Montreal, Canada
CLSU	Los Angeles University of Southern California, Los Angeles	CaQMM CaQMP	McGill University, Montreal, Canada Pulp and Paper Research Institute of Canada,
CLSU-H CLU	— Hancock Library of Biology University of California at Los Angeles	CaQMU	Montreal, Canada La Bibliothèque de l'Université de Montréal,
CMthL	University of California, Lick Observatory, Mount Hamilton	CaSSU	Montreal, Canada University of Saskatchewan, Saskatoon, Canada
CPT CSf CSfA	California Institute of Technology, Pasadena San Francisco Public Library California Academy of Sciences, San Fran-	CoBBS	U. S. National Bureau of Standards, Boulder Laboratories, Colorado
CSfU	cisco University of San Francisco, San Francisco	CoCA CoD	U. S. Air Force Academy, Colorado Springs Denver Public Library
CSmH	Henry E. Huntington Library, San Marino, Calif.	CoDM	Medical Society of the City and County of Denver
CSt CStH	Stanford University Libraries, Stanford, Calif. The Hoover Institution on War, Revolution,	CoFS CoU CtHT	Colorado State University, Fort Collins University of Colorado, Boulder Trinity College, Hartford, Conn.
CSt-L CStbS	and Peace Lane Medical Library University of California, Santa Barbara	CtNlc CtU	Connecticut College, New London, Conn. University of Connecticut, Storrs
CStmoR	Library, Goleta Rand Corporation, Santa Monica, Calif.	CtW CtY	Wesleyan University, Middletown, Conn. Yale University, New Haven
CU	University of California, Berkeley	CtY–L CtY–M	— Law Library — Medical School Library
CU-A CU-B	— University of California, Davis — Bancroft Library, Berkeley	DAIA	American Institute of Architects Library, Washington, D. C.
CU-E CU-L	— East Asiatic Library, Berkeley — Law Library, Berkeley	\mathbf{DAL}	U. S. Army Library, Pentagon Building
CU–M CU–Riv	 Medical Center, San Francisco College of Arts, Letters and Science, River- 	DAU	American University Library, Washington, D. C.
CU-S	side — Scripps Institution of Oceanography,	DBC DBS DC	U. S. Bureau of the Census Library U. S. National Bureau of Standards Library
CaAEU	La Jolla University of Alberta, Edmonton, Canada University of Alberta, Edmonton, Canada	DCU	U. S. Department of Commerce Library Catholic University of America Library, Washington, D. C.
CaBVa CaBVaU	Vancouver Public Library, Vancouver, Canada University of British Columbia, Vancouver,	DDC	Dominican House of Studies, Immaculate Conception Convent Library, Washington, D. C.
CaBViPA CaMWM	Canada Provincial Archives, Victoria, Canada Medical Library of the University of Manitoba,	DDO	Dumbarton Oaks Research Library of Harvard University, Washington, D. C.
CaNBFU	Winnipeg, Canada University of New Brunswick, Fredericton,	DFR	Board of Governors of the Federal Reserve System
CaNSHD	Canada Dalhousie University, Halifax, Canada	DGC DGW	Gallaudet College Library, Washington, D. C. George Washington University Library, Wash-
CaOKQ CaOL	Queen's University, Kingston, Canada London Public Library, London, Canada	DHEW	ington, D. C. U. S. Department of Health, Education, and
CaOLU CaOOA	University of Western Ontario, London, Canada Public Archives Library, Ottawa, Canada	DHHF	Welfare Library U. S. Housing and Home Finance Agency
CaOOAg	Department of Agriculture, Main Library, Ottawa, Canada	DI DI-GS	Library U. S. Department of the Interior Library — Geological Survey Library
CaOOCC CaOOF	Carleton College, Ottawa, Canada Department of Finance Library, Ottawa, Canada	DM	U. S. Bureau of Mines Library. (Library integrated with DI)
CaOOG CaOOGB	Geological Survey of Canada, Ottawa, Canada Geographical Branch, Department of Mines	DN DN-HO	U. S. Department of the Navy Library. — Naval Oceanographic Office Library
CaOOH	and Technical Surveys, Ottawa, Canada Laboratory of Hygiene, Ottawa, Canada	DN-Ob DN-RL	— Naval Observatory Library Naval Research Laboratory Library, Anacostia
CaOOM CaOON	Bureau of Mines Library, Ottawa, Canada National Research Council, Ottawa, Canada	DNAL	Station, Washington, D. C. National Agricultural Library
CaOONDE	Library, Directorate of Scientific Information Service, Defence Research Board, Ottawa,	DNIH	National Institutes of Health Library, Bethesda, Md.
CaOONM CaOOS	Canada National Museum, Ottawa, Canada Dominion Bureau of Statistics, Ottawa, Canada	DNLM DNW	U. S. National Library of Medicine U. S. National War College Library, Fort McNair

DP	U. S. Patent Office Library	MCM	Massachusetts Institute of Technology,
DS	U. S. Department of State Library	MH	Cambridge, Mass. Harvard University, Cambridge, Mass.
DSC	Scottish Rite Supreme Council Library, Washington, D. C.	MH-A	- Arnold Arboretum, Jamaica Plain
DSI	Smithsonian Institution Library, Washington,	мн-лн	- Andover-Harvard Theological Seminary
557 16	D. C.	NATE THAT	Library — Blue Hill Meteorological Observatory,
DSI-AO DSI-E	— Astrophysical Laboratory Library — Bureau of American Ethnology Library	МН-ВН	Milton, Mass.
DSI-M	- National Museum Library	MH-BL	— Biological Laboratories Library
DWB	U. S. Weather Bureau Library	мн-с	— Chemistry Library
DeU	University of Delaware, Newark	MH-F MH-FA	Farlow Reference Library Fogg Art Museum Library
FMU FTaSU	University of Miami, Coral Gables, Fla. Florida State University, Tallahassee	MH-G	— Gary Herbarium Library
FU	University of Florida, Gainesville	MH-GM	Gordon McKay Library
GASC	Georgia State College, Atlanta	мн-нү	Harvard-Yenching Institute (Chinese- Japanese Library)
GAT	Georgia Institute of Technology, Atlanta	MH-L	- Law School Library
GEU GU	Emory University, Atlanta University of Georgia, Athens	MH-M	- Schools of Medicine, Public Health and
Η̈́Ŭ	University of Hawaii, Honolulu	3477 342	Dental Medicine, Boston
HU-EWC	Center for Cultural and Technical Interchange	MH–Mi MH–O	— Mineralogical Library — Astronomical Observatory, the Phillips
I	between East and West	MIIIO	Library
ÍArg	Illinois State Library, Springfield Argonne National Laboratory, Argonne, Ill.	MH-P	- Peabody Museum Library
IC	Chicago Public Library	MH-PR MH-SD	
ICA	Art Institute of Chicago, Chicago	MH-Z	Museum of Comparative Zoology Library
ICAC	American College of Surgeons Library, Chicago	MMeT	Tufts University, Medford, Mass.
ICF	Chicago Natural History Museum, Chicago	MNS MShM	Smith College, Northampton, Mass. Mount Holyoke College, South Hadley, Mass.
ICJ	John Crerar Library, Chicago	MU	University of Massachusetts, Amherst
ICN ICRL	Newberry Library, Chicago	MWalB	Brandels University, Waltham, Mass.
ICILI	Center for Research Library, Chicago, Mid- west Interlibrary Center	MWelC	Wellesley College, Wellesley, Mass.
icu	University of Chicago, Chicago	MWhB	Marine Biological Laboratory, Woods Hole, Mass.
ICU-Y	Yerkes Observatory, Williams Bay, Wis.	MdAN	U. S. Naval Academy, Annapolis
ICarbS IEN	Southern Illinois University, Carbondale Northwestern University, Evanston, Ill.	MdBJ	Johns Hopkins University, Baltimore
IEN-C	— Joseph Schaffner Library of Commerce.	MdBJ-W	- William H. Welch Medical Library
	Chicago	MdBWA MdU	Walters Art Gallery, Baltimore University of Maryland, College Park
IEN-M	- Medical School Library, Chicago	MeB	Bowdoin College, Brunswick, Maine
IHi IU	Illinois State Historical Library, Springfield University of Illinois, Urbana	MeWC	Colby College, Waterville, Maine
IU-M	- Medical Sciences Library, Chicago	MiD MiDA	Detroit Public Library Detroit Institute of Arts
IaAS	Iowa State University of Science and Tech-	MiDW	Wayne State University, Detroit
	nology, Ames	MiEM	Michigan State University, East Lansing
IaU IaU⊷L	State University of Iowa, Iowa City — College of Law Library	MiMidD MiU	Dow Chemical Company, Midland, Mich. University of Michigan, Ann Arbor
Idnts	National Reactor Testing Station, Technical	MiU-C	- William L. Clements Library
	Library, Phillips Petroleum Company, Idaho	MiU-L	— Law Library
* 127	Falls, Idaho	MiWar	General Motors Corporation, Research Labora-
IdU In	University of Idaho, Moscow Indiana State Library, Indianapolis	GMR MnNC	tories Division, Warren, Mich. Carleton College, Northfield, Minn.
InIA	Indiana Academy of Science Library, Indian-	MnRM	Mayo Clinic and Foundation Library, Roch-
	apolis		ester, Minn.
InLP	Purdue University, Lafayette, Ind.	MnSJ MnU	James Jerome Hill Reference Library, St. Paul University of Minnesota, Minneapolis
InNd InU	University of Notre Dame, Notre Dame, Ind. Indiana University, Bloomington	MnU-A	— Department of Agriculture Library, St. Paul
KAS	St. Benedict's College, Atchison, Kan.	MnŬ-B	- Bio-Medical Library
KMK	Kansas State University, Manhattan	MnU-L	— Law Library
KU KU–L	University of Kansas, Lawrence School of Law Library	MoFC MoKL	Central College, Fayette, Mo. Linda Hall Library, Kansas City
KU-M	- Medical Center Library, Kansas City	MoRM	University of Missouri School of Mines and
KyU	University of Kentucky, Lexington		Metallurgy, Rolla
LNHT	Howard-Tilton Memorial Library of Tulane University, New Orleans, La.	$egin{array}{c} \mathbf{MoS} \\ \mathbf{MoSB} \end{array}$	St. Louis Public Library Missouri Botanical Garden, St. Louis
LU	Louisiana State University, Baton Rouge	MoSU	St. Louis University, St. Louis
MA	Amherst College, Amherst, Mass.	MoSW	Washington University, St. Louis
MB	Boston Public Library	MoSW-M	— Medical School Library
MBA	American Academy of the Arts and Sciences, Boston	MoU MsSM	University of Missouri, Columbia Mississippi State University, State College
MBAt	Boston Athenaeum, Boston	MsU	University of Mississippi, Oxford
MBCo	Countway Library of Medicine (Harvard-	MtBC	Montana State College, Bozeman
MDM	Boston Medical Libraries)	MtU N	Montana State University, Missoula
MBM MBN	Boston Medical Library, Boston Boston Society of Natural History, Boston	N NAurW	New York State Library, Albany Wells College, Aurora, New York
MBU	Boston University	NB	Brooklyn Public Library
MBdAF	U. S. Air Force Cambridge Research Center,	NBB	Brooklyn Museum Libraries, Brooklyn
	Bedford, Mass.	NBC	Brooklyn College, Brooklyn

NBG	Brooklyn Botanic Garden, Brooklyn	NjN	Newark Public Library, Newark, N. J.
NBM	Academy of Medicine of Brooklyn Library,	NjP	Princeton University, Princeton, N. J.
NINGIT AF	Brooklyn	NjPT	Princeton Theological Seminary, Princeton,
NBSU-M	State University of New York, College of		N. J.
	Medicine Downstate Medical Center Library,	NjR	Rutgers University, New Brunswick, N. J.
NBronSL	Brooklyn Sarah Lawrence College, Bronxville, N. Y.	NmUpU	New Mexico State University of Agriculture,
NBuB	Buffalo Society of Natural Sciences, Buffalo	*TTT	Engineering and Science, University Park
NBuU	University of Buffalo, Buffalo	NvU O	University of Nevada, Reno
NCII	Hamilton College, Clinton, N. Y.	OAkU	Ohio State Library, Columbus University of Akron, Akron, Ohio
NCorniC	Corning Glass Works Library, Corning, N. Y.	OCH	Hebrew Union College, Cincinnati
NCsC	Carnegie Institution, Department of Genetics,	ÖCLloyd	Lloyd Library and Museum, Cincinnati
	Cold Spring Harbor, N. Y.	OCU	University of Cincinnati, Cincinnati
NIC	Cornell University, Ithaca, N. Y.	OCI	Cleveland Public Library
NIC-A	— State Colleges of Agriculture and Home	OCIBHS	Benedictine High School, Cleveland
NINT	Economics	ocics	Case Institute of Technology, Cleveland
NN	New York Public Library	ociic	John Carroll University, Cleveland
NNA NNBG	American Geographical Society, New York	OCIM	Cleveland Medical Library
иира	New York Botanical Garden, Bronx Park, New York	OCIMA OCIW	Cleveland Museum of Art Western Reserve University, Cleveland
NNC	Columbia University, New York	OCoB	Battelle Memorial Institute, Columbus
NNC-L	— Law Library	ODW	Ohio Wesleyan University, Delaware, Ohio
NNC-M	Medical Library	OHi	Ohio State Historical Society, Columbus
NNC-T	- Teachers College Library	OKentC	Kent State University, Kent, Ohio
NNCC	Chemists' Club, New York	00	Oberlin College, Oberlin, Ohio
NNC ₀ Ci	College of the City of New York, New York	OOxM	Miami University, Oxford, Ohio
NNCorM	Cornell University Medical College Library,	OSte	Carnegie Library, Steubenville, Ohio
BIBITO	New York	OU OUCA	Ohio State University, Columbus
NNE NNF	Engineering Societies Library, New York Fordham University, New York	OUCA	Chemical Abstracts, Ohio State University, Columbus
NNIS	Library for Intercultural Studies, New York	OkS	Oklahoma State University, Stillwater
NNJ	Jewish Theological Seminary of America, New	ŎkŨ	University of Oklahoma, Norman
21210	York	OrCS	Oregon State University, Corvallis
NNM	American Museum of Natural History,	OrPR	Reed College, Portland, Ore.
	New York	QrU	University of Oregon, Eugene
NNMM	Metropolitan Museum of Art Library, New	P	Pennsylvania State Library, Harrisburg
******	York	PBL PBm	Lehigh University, Bethlehem, Pa.
NNNAM	New York Academy of Medicine, New York	PHC	Bryn Mawr College, Bryn Mawr, Pa. Haverford College, Haverford, Pa.
NNPH-O	Institute of Ophthalmology, Presbyterian Hos-	PLF	Franklin and Marshall College, Lancaster, Pa.
NNR	pital, New York Russell Sage Foundation, College of the City	PLatS	Saint Vincent College and Archabbey
111120	of New York		Libraries, Latrobe, Pa.
NNRI	Rockefeller Institute for Medical Research,	PP	Free Library of Philadelphia
	New York	PPAN	Academy of Natural Sciences, Philadelphia
NNU	New York University Libraries, New York	PPAmP PPBC	American Philosophical Society, Philadelphia
NNU-H	- University Heights Library	FFBC	Philadelphia Bibliographical Center and Union
NNU-M	- Bellevue Medical Center Libraries (Includes	PPC	Library Catalogue College of Physicians of Philadelphia
AUATET THE	Neuropsychiatric Library)	PPDrop	Dropsie College for Hebrew and Cognate
NNU-W NNUN	- Washington Square Library	112107	Learning, Philadelphia
NPV	United Nations Library, New York	PPF	Franklin Institute, Philadelphia
NRE	Vassar College, Poughkeepsic, N. Y. Eastman Kodak Company, Rochester, N. Y.	PPLas	La Salle College, Philadelphia
NRU	University of Rochester, Rochester, N. Y.	PPPM	Philadelphia Museum of Art
NSyU	Syracuse University, Syracuse, N. Y.	PPT	Temple University, Philadelphia
NUpB	U. S. Brookhaven National Laboratory, Upton,	PPUC	Union Library Catalogue of the Philadelphia
	N. Y.	PPWI	Metropolitan Area, Philadelphia Wistar Institute of Anatomy and Biology,
NYBT	Boyce Thompson Institute for Plant Research,	T.Y. 44.T	Philadelphia
	Yonkers, N. Y.	PPi	Carnegie Library of Pittsburgh, Pittsburgh
NYhI	International Business Machines Corporation,	PPiCI	Carnegie Institute of Technology, Pittsburgh
	Thomas J. Watson Research Center, York-	PPiU	University of Pittsburgh, Pittsburgh
NbU	town Heights, New York University of Nebraska, Lincoln	PRosC	Rosemont College, Rosemont, Pa.
NcD	Duke University, Durham, N. C.	PSC	
NcGW	Woman's College of the University of North	PSt	
	Carolina, Greensboro	PU	
NcRS	North Carolina State College of Agriculture	PŬ-BZ	
	and Engineering, Raleigh	PŬ-Ē	
NeU	University of North Carolina, Chapel Hill		
NcU-H	— Division of Health Affairs. (North Carolina	PU-F	
YYLYK	Memorial Hospital)	PU-M	
NdU	University of North Dakota, Grand Forks New Hampshire State Library, Concord	PU-M	
Nh NhD	Dartmouth College, Hanover, N. H.	PU-Pc PU-Sc	
NhU	University of New Hampshire, Durham	RPB	
NjI	Irvington Free Public Library, Irvington, N. J.	RU	
NjMuA	Air Reduction Company, inc., Central Research	ScU	
	Department Library, Murray Hill	TCU	
NjMuB	Bell Telephone Laboratories, Murray Hill, N. J.		

TNJ	Joint University Libraries (Vanderbilt University, George Peabody College for Teachers,	UU VIBBV	University of Utah, Salt Lake City Virginia Polytechnic Institute, Blacksburg
	and Scarritt College), Nashville, Tenn.	VIRM	Medical College of Virginia, Richmond
TOU	Oak Ridge Associated Universities, Oak	ViU	University of Virginia, Charlottenville
	Ridge, Tenn.	VIII L	Law Library
TU	University of Tennessee, Knoxville	ViW	College of William and Mary, Williamsburg
TxCM	Agricultural and Mechanical College of Texas,	VINIM	Middlebury College, Middlebury, Vt.
	College Station	VtU	University of Vermont and State Agricultural
TxDaM	Southern Methodist University, Dallan		College, Burlington
TxIIR	Rice Institute, Houston	WAP	Institute of Paper Chemistry, Appleton
TxI/T	Texas Technological College, Lubbock	WHi	State Historical Society of Wiscowsin, Madison
TxU	University of Texas, Austin	WU	University of Whatmain, Madition
ULA	Utah State University of Agriculture and Ap	WaU	University of Washington, Scattle
	plied Science, Logan	WyU	West Yirginia University, Margantown
UPB	Brigham Young University, Provo, Utah	Wy11	Wyoming University, Laramie

MONTHLY INDEX OF RUSSIAN ACCESSIONS

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1. GENERAL

- [CALENDAR OF SIGNIFICANT AND RESTORICAL DATES OF THE UZBEK S.S.R. FOR 1906 (JANUARY-DE-CEMBER)] Kalendar' zamonatel nykh i pamatnykh dat Uzbekskoi SSR na 1966 god (Januar-Pekalu '). God izd 4. Tashkont, "Uzbekistan," 1966 78 p.
- EESTI NSV TEADUSTE AKADEEMIA. [For mal meeting of the Academy of Sciences of the Estonian S.S.R. dedicated to the 25th anniver sary of the Estonian S.S.R., June 10, 1905] Torzhestvennoe sobranie Akademiti nauk Estonskof SSR, posviashchennoe 25-lettiu Listonskof Sovetskof Sotsialisticheskof Respubliki 16 ilmna 1905 goda. Tallinn, Eesti Raamat, 1966—84 p
- HOMIN UKRAINY, VYDAVNYTSTVO, Toronto. [Literary calendar of the "Homin Ukrainy" Publishing House for 1967, for the 50th anniver sary of the Ukraintan national revolution and the centenary of Canada, 1867-1967] Al'manakh kalendar... na rik 1967, u 50-richchia Ukrains'koi natsional'noi revoliutsii i 100-richchia Kanady, 1867-1967, Toronto, Nakladom Vyd-va "Homin Ukrainy [n. d.] 199 p.

2. BIBLIOGRAPHY

- MEZfIDUVEDOMSTVENNAIA KATALOGIZATSIONNAIA KOMISSIIA. [Uniform rules of descriptive cataloging for library catalogs] Edinye pravila opisantia proizve denti pochati dlia bibliotechnykh katalogov. Moskva, Kniga.
 - Kniga,
 Pt. 2. [Description of periodical publications]
 Oplsante periodichoskikh izdanii. 2.izd., ispr.i
 dop. 1966. 161 p.
- NAIDICII, E.E. [Recommended bibliography is your assistant, for the reader in the public library] Rekomendatel'nata bibliografita tvor pomoshchuik; chitateliu massovoi biblioteki. Moskva, Kniga, 1960. 93 p.
- TAKALA, E.I., <u>comp.</u> [Know your country; annotated index of literature for leachers of Karelian selhols] Znai svol krai; annoth ovannyi ukazatel! literatury v pomoshch! uchiteliam shkot Karelii. Petrozavodsk [Karel'skoe knizhnoe izd-vo] 1968. 65 p.
- VSESOUZNYI INSTITUT NAUCHNOI I TEKHNICHESKOI INFORMATSII, {Classification scheme of abstracting publications of the U.S.S. R. for 1966 | Rubrikator referativnykh Ledanii SSSR, 1966 god. Pod red, V.1. Gor'kovol. Moskvu, 1965. 460 p. (CaOTU)

3. PHILOSOPHY & RELIGION

- ARSKII, F.N. [In the country of myths] V strane mifov. [Moskva, Molodala gvardila, 1965] 181 p. (MH)
- BELEN'KII, M.S. [Judaism] Iudaizm, Moskva, Politizdat, 1960, 237 p. (Biblioteka "Sovremennye roligii")
- BUSMANIS, G. [Answers to believers] Attildes ticigajiem, Riga, Liesma, 1986. 180 p. [In Latvian]
- [COLLECTION OF DOCUMENTS ON RELIGION AND THE CHURCH] Despre relizhie shi biserike, kulezhere de dokumente. Kishineu, Kartia Moldoveniaske, 1966. 137 p. [In Moldavian]
- EDDY, MARY (BAKER), [Science and health with a key to Holy Scriptures] Nauka i zdorov'e s kliuchem k Sviashchennomu Pisanilu, Boston, Dusheprikazchiki Meri Beker F, Eddy [1061] 697 p. [In English and Russian]

- ESHLIMAN, NIKOLAI. [Open letter from priests Nikolai Eshliman and Gleb lakunin to Ilis Holiness Alexis, Patt larch of Moscow and All Russia] Ego Svintelshestvu, Svintelshemu Patt larkhu Moskovskomu i Vseia Rusi, Aleksiiu sviashchemikov Nikolaia Eshlimana i Gleba Iakunina otkryfoe pis'mo. New York, Predstavitel'stvo Rossilskiih Emigrantov v Amerike [1966] 59 p. (DS)
- [ETHICAL CODE FOR BUILDERS OF COMMUNISM, text-book for propagandists and students of schools of party education] Kodul moral al konstruktor ulul komunizmului, mater iai didaktik pentru propagandisht' shi askultetor' din sistemul ynvetsemyntului de partid Editsiia a doua. Kishineu, Editura de partid a komitetului chentral Al PK Al Moldovei, 1996. 189 p [In Moldavian]
- EVSEEV, G. [Ivan and Mar'ia and Christ] Ivan da Mat'ia i Khristos. Saratov, Privotrhskoe Enizhnoe izd-vo, 1966, 169 p.
- GOROBOVSKII, A. A. [Man to man] Chelovek cheloveku. [Moskva, Molodaia gvardita, 1965] 143 p. (NIC)
- GRUDININ, N.N. [Jehovism and child: en] legovizm t deti. [hkutək] Vostochno-Sibirskoe knizhnoe lzd-vo, 1965. 50 p
- ILARION, Metropolitan of Winnipeg and All Carada,
 [We like our Ukrainian Orthodox Churchi fdeology of
 the Ukrainian Orthodox Church] Liubimo avolu Ukrainia fu Plavoslavan Tšerkvu! Ideologija Ukcains'koi Plavoslavan Tšerkvy. Winnipeg, 1966 43 p. (Kluystilaus'ka bibliotechka vydaie "Vita i Kul'tura," no. 7)
- IL'IN, I. A. [The way of spiritual renewal] Put' dukhovnogo obnovlenita. [2, 1zd] Munich, 1962, 268 p. (CU)
- IVANIV, M. [Holy Virgin, save us, a reader for the month of May] Presvintala Bohorudytse spasy nas, chytanka na misiats' traven'. Prudentopil', Vydvo ov Vasyllian, 1962. 115 p. (Coll)
- KALITS, JOHANNES. [Pricadship knows no boundaries] Soprus ei tunne più c. Tallinn, Eesti Raamat, 1966 68 p. [In Estonian]
- KOGAN, IU. IA., and B.S.RABBOT, comps. [50 words on faith and unbelief; thoughts and aphorisms] 50 slov o vero i neverii; mysli i aforizmy. Moskva, Znanie, 1966, 382 p.
- KRASNIKOV, N.P. [The Church accomodates itself]
 TSerkov' prisposobliaetsia. Leningrad, Ob-vo "Znanio" RSFSR, 1965. 33 p.
- KULIKOVA, N.N. [Content and criterion of moral progress; a study in the field of philosophy and ethics] Soderzhanie i kritorii na avstvennego progressa; opyt filosofsko-eticheskogo issledovanila problemy. Moskva, Mysl', 1966. 85 p.
- LANDESMAN, P.A. [Happiness of my contemporary] Schast'e moego sovi emonnika. Moskva, Politirdat, 1965. 77 p.
- MOSKALENKO, A.T. [Peniccostalists] Platidesiainiki, Moskva, Politizdat, 1966. 223 p. (Biblioteka "Sovremennye religii")
- NOVOSIBIRSKII PEDAGOCICHESKII INSTITUT. [Problems of psychology] Voprosy psikhologit. [Omsk] Zapadno-Sibirskoe knizhnoe izd-vo, 1966. 119 p.
- OCHERET, VASYL! [The 1 ider of the sky; essays] Vershnyk neba; esci. [New York, Nasha bai'kivsheliyna, 1966] 113 p. (NN)

- PEREDERII, V.I. [Marxist-Leninist philosophy and the exact sciences] Marksysts'ko-lenins'ka filosofiia i Ponki etni nauky Kylv, 1963–37 p. (Tovarystvo "Znamia" Ukralus'koi RSR. Seriia I, no. 10)
- RIABUSHKIN, N.V. [Science against religion] Nauka protiv religit. Mostva, Meditsina, 1966, 47 p. (Nauchno-populiarnala meditsinskaia literatura)
- ROSTOVSKII-NA-DONU GOSUDARSTVENNYI PEDAGOGI-CHESKII INSTITUT, Kafedra filosofil, [Problems in historical and dialectical materialism | Vopu osy dialektichoskogo i istoricheskogo materializma, [Rostovna-Donu] Rostovskoe knizhnoe izd-vo, 1966, 214 p.
- SHTEINBERG, V.A. [Philosophical life of Latvia in the early 20th century, 1900-1917, P. Slucka, F. Rozins, J. Jansons, P. Dauge, J. Berzins] Filosofskafa zbizn' Latvii nachala XX veka, 1900-1917, P. Sluchka, F. Rozin', IA, IAnson, P. Dauge, IA, Berzin', Riga, Liesma, 1966, 412 p.
- STABNS, E. [Speaking in their own words; religious sects without their masks] Ar vinu vardiem; religiskais sektantisms bez maskas Riga, Liesma, 172 p [in Latvian]

4. HISTORY

- AKADEMIIA NAUK GRUZINSKOI SSR, <u>Institut Istorii,</u> arkheologii i etnografii. [Georgia; a brief lilstorical study] Gruziia, kratkii istoricheskii ocherk. Tbillisi, Metsniereba, 1966. 09 p.
- AKADEMIIA NAUK SSSR. Institut stavianovedentia, [History and culture of Stavic peoples, the Polish liberation movement of the 19th and 20th centuries and problems of the history of culture] Istoriia i kultura slavianskikh narodov, pol'skoe ogvoboditel nee dvizhenie XIX-XX vv i problemy istorii kultury. Moskva, Nauka, 1966. 236 p. (CSI-H)
- AKADEMIIA NAUK SSR. Sibirskoe otdelenie. (Anctent Siberial Drevninia Sibir'. Novosibirsk, Nauka, No.2. [Collection of articles on Siberian archaeotogy] Sibirskii arkheologicheskii shornik, 1966. 320 p. (Materialy po istorii Sibiri)
- AKADEMHA NAUK URSR. Institut arkhoologii. [Andronovo culture; in three parts] Andronovskafa kultura, v trekh vypuskakh. Moskva, Nauka (Arkheologita SSSR; svod arkheologicheskikh istochnikov, no V 3-2) No.1. [Monuments of the western regions] Pamiatniki zapadnykh ratonov, 1968. 62 p. Illus
- ANTONOV, S. F. [Dear features; stories about Lenin] Dorogie cherty; rasskazy o Lenine. [Moskva] Molodaia gvardiia, 1966, 142 p.
- [ARCHAEOGRAPHIC YEARBOOK FOR 1905. In memory of Academician M. N. Tikhomirov] Ai kheograficheskii ezhegodnik Az 1905 god. Posviashchen pamiati akademika M. N. Tikhomirova, Moskva, Nauka, 1906. 383 p.
- [ASSAULT ON KÖNIGSBERG] Shurm Kenigsberga. [Kaliningrad] Kaliningradskoe knizhnoe izd-ve, 1906. 253 ρ.
- BENEVOLENSKII, A.M. [In the tracks of an old mystery] Po sledam drevnet tainy. IAroslavl', Verkhne-Volzhskoe knizhnoe tzd-vo, 1966. 85 p
- DERIDZE, S.D. [Mikha TSkhakala; biographical sketch] Mikha TSkhakala; biograficheskii ocherk. Tbilisi, Sabehota Sakartvelo, 1905. 113 p (NIC)
- BEZYMENSKI, L.A. [In the footstops of Martin Bormann] Po sledam Martina Bormana. 2., dop.izd. Moskva, Politizdat, 1965. 190 p. (CSI-H) (MH)

- BLANK, A.S., and A.V KATANIKOV Cherepovets Idd. 2., perer idop. [Vologda] Severo-Zapadnoe knizh-noe izd-vo, 1968 166 p
- BLIAKHIN, P. A. [Years of great trials, diaties, letters] Gody velikikh ispylanti, daevniki, pis'ma. [Moskva, Sovetskit pisatel', 1966.] 117 p
- BOBEIKO, I., and IA, KOPANSKII [Twenty-two years of heroic struggle, from the history of the revolutionary and liberation movement in Bessarabia, 1918-1940] Draddsat! dva goda geroicheskol bor'by, iz istoril revolutisionno-oscoboditi'nogo dvizhentia v Bessarabil v 1918-1940 gg Kishinev, Parttinoc izd-vo TSK KP Moldavii, 1966 42 p (V pomosheh' agitatoru i propagandistu)
- BUGROV, N. N. [Raid beyond the Dateper] Reid na Zadneprov'e, Moskva, Voen, izd-vo m-va obor, SSSR, 1964, 125 p. (Geroiches/co proshloe nashei Rodiny) (NN)
- BUNELYK, VASYL', [Soldiers of the 'little war," As told to P. Shapovalenko] Soldaty 'maloi volny, "
 Literaturnyi zapys P. Shapovalenko, [L'vly, Kameniai, 1866] 127 p. (Spohady kolyshin'oho v'laznia fashyst-s'lykh taboriv smerti)
- BURIAT A.S.S.R. TSchtral nyi gosuda sivennyi arkhiv. [The guerrilla movement in Buryatia, collection of documents] Partizanskoe dvizhenie v Buriatii, sbornik dokumentov. Ulan-Ude, Buriatskoe knizhace izd-vo, 1965. 453 p.
- BURKO, VASYL'. [Vasyl's story, recollections of a Ukrainian born in Brazil] Vasyleva isloriia, spohady ukrainisia, rodzhenoho v Brazylii Prudentopolis, oc. Vasyliian, 1963—130 p. [[U]
- CHELIADINSKII GOSUDARSTVENNYI PEDAGOGICHE-SKH INSTITUT. [From the history of the revolutionary movement and socialist construction in the southern Ural region] Iz istorii revoltuistomogo dvizhentia i sotsialisticheskogo stroitel'siva na IUzhnom Urale, sbornik statel. Cheliabinsk, 1959, 333 p. (MH)
- [COMPANIONS IN STRUGGLE, letters of V.I. Lenin's associates, 1895-1900] Towartshehl v bou'be, pis'mu soratnikov V.I. Lenina, 1896-1900. [Krasnotarsk] Krasnotarskoe kulzhuce 12d-vo, 1965. 251 p.
- DEBROV, P.M. [Petroglyphs of Daghestan] Rev'ha po kamniu v Dagestane. Moskva, Nauku, 1966. 205 p. (chiefly illus)
- D'IACHENKO, N.T. [Streets and squares of Kharkov, from the history of the city] Ulitay i ploshchadi Khar'kova, iz istorii goroda, Khar'kov. Prapor, 1986 278 p.
- [DON'T FORGET AUDRINII] Neaizmirsti Audrimus! [By] K,Sausnilis un citi. Riga, Liesma, 1966. 220 p. [in Latvian]

)s-

- [HEROES OF HALHAIIN GOL] Geroi Khalkhin-Gola [Pei m[†]] Pei mskoe knizimoe izd-vo, 1986 | 129 j
- [HISTORY OF THE ARMENIAN PEOPLE; a textbook for higher schools] Intertia annianskogo naroda, uchebnce posobie dlia vuzov. Erevan, Izd-vo Erevanskogo univ. Vols. 1-5, 7, 10, 1958-(MH)
- [HISTORY OF THE STRUGGLE FOR THE SOVIET RE-GIME AND THE BUILDING OF SOCIALISM IN THE FAR EAST] Iz Istorii boi 'by za Sovetskulu vlast' i sotsiall'stcheskoe siloitel'stvo na Dal'nem Vostoke. Khabarovsk, Gosudarstvennyi pedagogicheskii institut 1965—164 p.
- INSTITUT ISTORII PARTII, Fiunze. [For the rule of the soviets, collection of reminiscences] Za vlast' Sovetov, sboatk vospominanti. Frunze, "Kyrgyzstan," 1966, 289 p.
- INSTITUT ISTORII PARTII. Frunze. [Kitghizistan during the Great Patriotic War, 1941-1945, collection of documents and materials] Kitgizila v gody Vellkoi Otechestvennoi volny, 1941-1945 gg., sbornik dokumentov i materialov, Frunze, "Kyrgyzstan," 1965. 581 p.
- IUDOVICH, I.M. [A man with somebody else's papers] Chelovek s chuzhim pasportom. [Rostov-na-Donu] Rostovskoe knizhmee izd-vo, 1965. 76 p. [MICROFILM]
- KAHK, JUHAN, HILLAR PALAMETS, and SULEV VAH-TRE [History of the Estonian S.S.R.]; additional material for the 7th-8th grades taking courses in the history of the Estonian S.S.R.] Eesti NSV ajaloost; lisamaterjali VII-VIII klassi NSV Litku ajaloo kursuse juurde Tallinn, Valgus, 1967. 110 p [In Estonian]
- KALININSKAIA OBLASTNAIA BIBLIOTEKA. Bibliograficheskil ettlel. [Mikhail Ivanovieli Kalinin, 1875-1946, a list of recommended literature] Mikhail Ivanovieh Kalinin, 1875-1946 gg., rekomendatel'nyi ukazatel' literaturv. [Moskva] Moskovskii rabochil, 1965 39 p (CSI-H)
- KHATUKAEV, A.T. [The battle history of the 115th Cavalry Division] Boevel put' 115 Kavalet lisked divizil, Hallehly, Kabardino-Baikarskoe knizhnoe izd-vo, 1966, 166 p. (CSI-H)
- KNYSH, ZYNOVH. [One's own way, the Ukrainian Military Organization from the fall of 1922 to the summer of 1924] Vlasnym ruslom; Ukraine'ka viis'kova organizatsila vid oseny 1922 do iita 1924 toku. Toronto, Sribna surma, 1986. 184 p. illus. (Sribna surma, Zbirnyk, no 4)
 (COU)
- KODISHCHANOV, IU.M. Aksum, Moskva, Nauka, 1986, 204 p.
- KOZYREV, A. I. [M. I. Kalinin in Chelyabinsk Province, 1920, 1921, and 1933] M. I. Kalinin v Cheliabinskoi oblasti, 1920, 1921, 1933 gody, Cheliabinsk, IUzhno-Ural'skoe knizknoe izd-vo, 1966, 32 p. (CSt-H)
- KUN, IRINA. [Bela Kun, reminiscences. Translated from Hungarian] Bela Kun, vospominatia. [Moskva] Molodaia gvardtia, 1966. 311 p. (Zhizn' zamechatel-nykh Hudei. Serifa biografii, no.17(430))
- KURGUZOV, I. P. [Bearers of the Order of Glory]
 -valery ordenn Slavy. Tashkent, Esh gwardiin,
 06. 100 p. (Na strazhe Rodiny)
 - PNEK, G. [A tale about the incorruptible soldier] rest' o nepodkupnom soldate. Riga, Liesma, 1966 6 p.
 - VIJAS KOMUNISTISKA PARTIJA. <u>Centrala Komite</u>. <u>Partijas vestures instituts</u>. [Latvian combatants | Spain, 1936-1939; menuories and documents] Latvis cinitaji Spanija 1930-1939; atminas un dokumenti iga, Liesma, 1966. 595 p. [In Latvian]
 - N. V.I. [On the Great October Socialist Revolution]
 Velikol Oktiabr'skol sotsialisticheskol revolutsii.
 d. 2. Moskva, Politizdat, 1966. 383 p.
 - IN, V.I. [Wartime correspondence, 1917-1922] ocuania percyleka, 1917-1922 gg. Moskva, Voenizdat, 166, 133 p.

- L'VOV, I.A., and P.E.NIKITIN [Lemm in Razliv] lemin v Razlive [Lemingrad] Lemizdat, 1966 92 p
- MAGOMEDOV, S.M. [The October Revolution in the Terekregion and in Daghestan] Oktiobr'na Tereke iv Dagestane. Makhachkala, Dagestanekoe kulzhnoclzd-vo, 1965. 221 p. (Mil)
- [MANUAL FOR A PEOPLE'S CONTROLLER] Splavoch-nik narodnogo kontrolera, Izd. 2., Moskva, Politiz-dat, 1965. 327 p. (CaOTU) (Mill) (MH-L.)
- MARTYNOV, A.I. [Canceing to the land of our fore-fathers] Lodki v strami predkov [Kennerovo] Kennerovskoe knizhnoe izd-vo, 1966 35 p. illius.
- MESHCHERSKII, A.P. [First Marxists in Siberlan exll€] Pervye marksisty v sibir skoi ssylke. [Likutsk] Vostochno-Sibirskoe knizhnoe izd-vo, 1966. 210 μ. (Zamechatel'nye liudi v Sibiri)
- MESNIAEV, G.V. [In the footsteps of the past] Pu sledam minuwshego. New York, Rosella, 1965. 446 p. (MII)
- METSAOTS, KARL. [War veterans are telling their stories] Sojaveteranid pajatavad. Tallinn, Eesti Haamat, 1966 73 p [In Estonian]
- MIRONENKO, M.F. [Under the standard of the Guardis]
 Pod gvardelskim znamenem. Staviopol, 1965. 271 g. (CSt-II)
- MOISEENKO, P.A. [Reminiscences of an old revolutionary] Vospominaniia starogo revollutsionera, Moskva, Mysl', 1966. 275 p.
- MOSKOVSKII GOSUDARSTYENNYI UNIVERSITET. Katedra novol i novelshel istorii. [Historiography of ilicemodern listory of the countries of Europe and Americal Istoriografia novogo vi ement stran Evropy I Ameriki. [Moskva] Izd-vo Mosk, univ., 1067, 666 p.
- MOZHIKO, I. V. Aun San. Moskva, Moledaia gvardira, 1985. 237 p. (Zhizn' zamechatel'nykh liudel. Serii., biografii, no. 6) (CaAEU)
- NAUCHNAIA KONFERENTSIIA, POSVIASIICHENNAIA

 20-1 GODOVSHCHINE POBEDY NAD FASHISTSKOI
 GERMANIEI, Mogcow, 1965. (Materials of the Comference Devoted to the 20th Anniversary of the Vir tory over Fascist Germany, Moscow, 1965, in three
 books] Materialy... v trokh knigakh. Glav. 1rd.
 kollegiia: A.M. Samsonov I dt. Moskva, Nauka.

 Book I. [The Second World Wat, general problems,
 Viorala Mirovaia voina, obshehie problemy,
 1966. 438 p. (Viorala Mirovaia voina v Isoledovanilakh, vospominanilakh, dokumentakh)
- NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PRI SOVETE MINISTROV CHUVASHSKOI ASSR, [History of the Chuvash A.S.S.R.] istoria Chuvashskoi ASSR, Cheboksary, Chuvashskoi kulzhnoe izd-vo.
 Vol. 1. [From ancient times to the Great October Socialist Revolution] S dievnetshikh vremen do Velikoi Oktiabr'skoi sotsialisticheskoi revolutsii. 1966. 258 p.
- NERSISIAN, M.G., ed. [Genocide of the Armenians in the Ottoman Empire, collection of documents and minterials] Genotsid armian v Osmanskoi importi, utgara dokumentov i materialov. Erevan, izd-vo AN Armilar skoi SSR, 1868. 560 p.
- NHAKH, V.V. [They called to the barricades] Onl zval na barrikady. [Gor'kii] Volgo-Vlatskoe knizhuoo tzel vo. 1965. 165 p. (Nizhegorodlsy-revoliutsionery) (CSI-H)
- NOVOSIVS'KYI, I.M. [The Ukrainian government in Bukovina in 1918] Ukrains'ka detzhavna vlada na Bykovyni v 1918 r. Vypravlene vyd. Now York, Koshtom Ukrains'koi Bukovyns'koi hromady, 1964. 56 p. (InU)
- NURBEKOV, KUBANYCHBEK. [Establishment of the Kirghiz Soylet National State] Vozniknovenic Kirgizskoi Sovetskoi natsional nol gosudarstvennosti, Frunze, Kyrgyzstan, 1964. 148 p.

- ODESKII SEL'SKORHOZIAIS PVENNYI INSTITUT, Kafe-dra markaizma-beninizma, [60 years of the Pirel Russian Revolution; summaries of a scientific conterance, December 1965] 60 let Pervol resident revolution; textsy nauchnot konferentell, delabri 1965 g. Odegan, 1965, 68 p. (CSt-H)
- [THE PARTY AS THE INSPIRER AND ORGANIZER OF THE VICTORY OF THE GREAT OCTOBER SOCIALIST REVOLUTION, MARCH-CATOBER 1917] Partia vdoklmovited i organizator pobedy velikor Oktlabr'skol sotsfallstichekor revolutali (matt-oktabr' 1917 goda) [Moskva] Mosk rabochii, 1969—173 p. (V pomosheh' izuelatheshchim istorniu KPSS, no.7)
- PEREKAL'SKII, G.A. (Roads of life and death, roles of a frontice guard | Dorogl zhizni i smeril; zapiski pograntchnika [Gor 'kii] Volgo-Viatskoe knizhnoù izdvo, 1986 | 134 p.
- PIFTRZÁK, TADEUSZ [The underground front, recollections of a Pollah partisan. Abidged franslation to earthe Pollah | Podpollnyl front, vospominanta | pollskopo pritizian. Pogleslovie P. Kostikova | Moskvi, Politizdat, 1966 | 156 p. [CSt-1.]
- PIROGOV, P. P. [Vastliy Island] Vasil'evskii ostrov (Lenmyrad) Lentzdal, 1966, 100 p. (Iz istorii valonov Lenngrada)
- PHUMOVA, N.M. [Mikhail Bakunin, his life and work] Mikhail Bakunin; zhizn' I dolatel'nost', Mosava, Nagka, 1906, 158 p. (Nauchno-popullarnain serila)
- POLIAKOV, S.P. [The Odossa baction] Bastion Odessa, Odessa, Malak, 1966. 249 p.
- POLOVTSOV, A.A. [Diaty of State Secretary A.A. Polovtsov in two volumes] Dnevnit, gosudarstvennego sekretarila A.A. Polovtsova v dvukh tomnah. Moskva, Nanka, 1966. 2 v.
- RASIN, B. I. [A m ison without grates] Tim 'ma bez 1eshetek. [Syktyvkar] Koml knizhnec 12d-vo, 1966 150 p.
- [RIGARDI):SS ROW MANY YEARS MIGHT PASS] Skol'ko by let at prosaho. [Moskva] Molodata gvardita, 1966, 293 p.
- [REVOLUTIONARY AND HISTORICAL REFERENCE CALENDAR, 1967] Revollutationno-interictionali kalendar's sprayechnik, 1967, n.e. "va. Politizdat, 1967, sas p.
- ROGOZHIN, A.I. [Reestablishment of Soviet power in the Uktaine after the expulsion of German imputalists and the rout of the bout goets authoralist directory] Voustanoviente sovetakol vlasti na Uktaine poslo izpnania nemetskith imperialistov i razgroma burzhazanobakunatieti-heskoi direktorii; konspekt lektsii. Kharikov, Kharkuvskii turid, in-t, 1965. 34 p. (CSL-II)
- ROMANOV, V.IA, Ivan Kabakov, Sveidlovsk, Siedne-Utal'skoe knizhnoe izd-vo, 1965, 91 p. (Laudi, sobytia, gody) (CSL-II)
- RUBINOV, A.Z. [Fathers of the town] Ottsy goreda. [Moskva] Mosk. rebochii, 1966. 110 p.
- SAFIULLIN, G.B. [On the roads of victories] Dologami polyed. Kazan', Tatal sleec kulzhnec izd-vo, 1966, 222 p.
- SEMANOV, S.N. [The workers of St. Petersburg on the eve of the first Russian revolution] Peterburgskie rabochie nakannne pervoi russkoi revoluteli. Moskya, Nauka, 1966. 169 p.
- SEVERO-OSETINSKAIA RESPUBLIKANSKAIA BIBLIO-TEKA. [Brave sons of Iriston; Heroes of the Soviet Union in the Great Patriotic War. A list of recommended literature] Otvazhaye syny Iristona; Gevol Sovetskogo Soluza v Volikol Otochostvennol volne. Rekomendatol'nyl ukuzatel' literatury. Ordzhentkidze, Severo-Osetinskoe knizhnoe izd-vo, 1985.

 37 p. (CSI-II)
- SHAPOSHNIK, V.N. [Intropid soldiers] Neustrashtmyo Moskva, Voentzdat, 1966. 63 p. (Corotcheskoe proshloe rashet rodiny)

- SHEVELEY, A.G. [Flaternal cooperation of Polish social democrats with the Bolsheviks in 1903-1910] Brat-koe sofrudatchestvo poliskikh sofstal-demokratov s bolishevikami v 1903-1910 gg. Kiev, Izd-vo Kreyskogo univ., 1966, 259 p. (CSI-H)
- SHEVISOV, I.B. (Special assignment) Osoboc zadanie, Ld. 2., ispr. i dop., Mosava, Politizdat, 1965. 142 p. (NIC)
- SHUMOVS'KYI, PETRO. [Ostrog, a historical study]
 Ostrih, istorychnyi narys. Per edmova V. Seniutovycha-Berezhioho. Whinipeg, Nikl, Instytuta dostkik,
 Volynl, 1964. 128 p. illus. (Volhyntana, no. 11)
 (CARCU)
- SIMONCHIK, F.V. (In the fire of three revolutions memoirs of an old Communist) V ogne trekh revolutilit, vospominanila starogokommunista Minsk, Belatus', 1944, 78 p (CSt-H)
- SVIRIDOV, A.A. [Battalions enter into combat] Batal'ony vstupatet v bol. Moskva, Voenizdat, 1967. 188 p. (Voennye memualy)
- SVISTUNOVA, M.P. [Agrarian policy of the Ming government in the second half of the lith century] Agramata politika Minskogo pravitel'stva vo vtoroi polovine XIV v. Moskva, Nauka, 1966, 186 p.
- TOPURIDZE, KOTEVAN, [Rustavi, Tbilisi, Meisinereba] 1965, 163 p. [In Georgian] (Mil)
- TSENTRAL'NOE OB EDINENIE POLITICHESKIKH EMI-GRANTOV IZ SSSR, (Mark on Russia, analysis of unknown articles) Marks o Rossii, analiz neizvesinykh statai, (Munich, TsOPE] 1961, 58 p. (MII)
- TSINTSADZE, IOSIF, [From the history of Georgian public opinion, the Georgian press and French colonial policy, 1670-1900. Iz isterif grezinskof obshchestvennoi olygil, grezinskala pressar i franteurskala kolonial'nata politika, 1870-1900 gg. Tbilisi, Metsniereba] (Mil)
- TURSUNBAEV, ABDE [Ti tumph of the ideas of proletation internationalism in Kazakhstan] Totzhesivo idel proletat skogo internationalizma v Kazakhstane Alma-Ala, "Kazakhstan," 1965 247 p (CSt-H)
- TYCHKOV, NIKOLAI. (Little prisoners of Buchenwald, a tale) Malen'the pleintlet Bukhenval'da, povest' [IA: oslav!', Vorkhne-Volzhskoe knizhnoe izd-vo, 1989] 115 p
- UTKIN, G.M. [Assault on the "Eastern bulwark", liberation of the left-bank Ukraine and the crossing of the Dutener! Siturm "Vostelnogo vala", usvoborhdente Levoberczhnot Ukrainy i forstrovanie Duepra, Moskya, Voonizdat, 1967, 463 p.
- UZIKOV, 1U.A. [60 days with V.I.Lonin; from the life of S.P.Zheltyshev, former soldier of the Volyn' Regiment, an adde to V.I.Lonid; 60 daris V.I.Loninym; Iz zhizat S.P.Zheltysheva, byvshego soldata Volynskogo polka, poruchentsa V.I.Lonina, Uia, Baghkirskog knizhnog izd-vo, 1965. 60 p. (CSI-II)
- [VOLGOGRAD, THE HEROIC CITY] Gorod gerol Volgograd [By] V.P.Ershov I dr. Volgograd, Nizhne-Volzhskoe knizhnee izd-vo, 1966. 262 p.
- VOLKOV-LANNIT, L.F. [A voice preserved for centurios, how they recorded and restored the speeches of V.I. Lenini] Golos sokhranennyi na veka; kak zapisali i vosstanovili rechi V.I. Lenina, Izd.2., dop Moskva, Iskussivo, 1966. 82 p
- WHITE RUSSIA. 'Escatral'nyi gosudarstvennyi istoricheskii arkhiv v Grodno, [Central State Historical Archives of the White Russian S.S.R. in Grodno, n
 guidebook] 'Escatral'nyi gosudarstvennyi istoricheskii
 arkhiv Bolorusskoi SER v gor, Grodno, putovoditel'.
 Minsk, 1865, '79 p.
 (CSt-H)
- ZAK, L.A. [Monarchs against the peoples; diplomatic struggle on the ruins of Mapoteon's Empire] Monarkhi protiv narodov, diplomaticheskata bu'ba na razvallnakh napoleonovskoi imperii, Moskva, Mezhdunar, otnosheniia, 1986, 375 p.

- ZEILIKOVICH, I M [Years of struggle] Gody bor'by (Stavropol') Stavropol'shoc knizhnoe izd-vo, 1953. 4 p (CSi-II)
- ZOTOV, M.I. [In deflance of death] Naperckir smerti. Odesa, Maiak, 1966, 132 p.

5. SOCIAL SCIENCES

- AKADEMIJA NAUK SSSR. Institut Afriki. [Eronomic history of Airica] Ekonomichessaja Istorija Afriki, sbornik statei. Moskva, Nauka, 1966. 192 p.
- AKADEMIIA NAUK SSSR. Institut Afriki (The laboring class of Africa) Rabochii klass Afriki Moskva, Nauka, 1966—275 p
- AKADEMHA NAUK SSR. Institut ekonomiki. [Present-day problems of intraplant business accounting] Sovremennye problemy vnutrizavodskogo khozrascheta Moskva, Ekonomika, 1988. 223 p
- AKADEMIIA NAUK SSSR. Otdelenie ekonomiki [Improving planning and administration of the national economy. On Academician Stantislav Gustavovich Stautilin's 90th bit Inday! Sovershenstvovanie plantrovanita 1 upravlenita narodnym Phozialstvom, K devianostoletilu akademika Stanislava Gustavovicha Strumilina, Moskva, Nauka, 1967, 434 p.
- AKADEMIIA NAUK UZBEKSKOI SSR, Institut ekonomiki |Economic regionalization of Uzbekistan] Ekonomicheskoe raionirovanie Uzbekistana. Tashkent, Fan, 1966 243 p.
- ALIEV, KH., and KH. ALIMIRZOEV. [From the history of the collectivization of the agriculture of Azerbaijan, 1930-1934] iz istorii kollektivizateli sel'skogo khoziatsiva Azerbaidahna, 1930-1934 gg. Baku, Izd-vo Akad, nauk Azerbaidzhanskoi SSR, 1957, 271 p. [In Azerbaijan] (InU)
- ALLAKHVERDIAN, D.A. [Financial planning in the U.S.S.R.] Financovoe planirovanie v SSR. Moskva, Financo, 1966. 213 p.
- [ALLIANCE OF SCIENCE AND PRACTICE] Soluz nauky i dosvidu L'viv, Kameniar, 1965 92 p,
- AMSTIBOVITSKII, M.A. [Potentialities of reducing construction costs] Rezervy snizhenia stolmosti stroitelstva Alma-Ata, Kazakhskoegos, izd-vo, 1984. 108 p
- APTHEKER, HERBERT. [A symposium, disarmament and the American economy, a study of the ideological, political, and economic problems of disarmament. Translated from the English) Razoruzhente i ekonomika SShA (materialy simpoziuma), izuchente i deologicheskilsh, politicheskiks i ekonomicheskiks problem 122012tienita. Moskva, Izd-vo inostr. lit-ry, 1961. 95 p. (NNC)
- AZERBAIDZHANSKAIA RESPUBLIKANSKAIA BIBLIO-TEKA, [The industry of Azerbaijan] Promyshlennost Azerbaidzhana, Baku, 1965, 18 p. (Chto chitat' ob Azerbaidzhane, po. 4) (MH)
- BAEV, A.I. [For trade-union activists on scientific organization of labor] Profatkity o nauchnot organizatsit truda, [Moskva] Profizata; 1966, 70 p. (Bibliotechka scl'skogo profsoluznogo aktivista, no.22(70))
- BABULATOV, B.B. [Struggle of the Kirghiz party organization for carrying out the settlement of the nomadic population] Borba partorganizateli Kirgizii za provedonic osedanifa kochevogo naselenita. Franze, "Ryrgyzetan," 1965. 223 p.
- DARDÉ, RAYMOND. [Social classes in Black Africa, Translated from the French] Obshchostvennyc klassy v Chernoi Afrike, Pod red. 1 s predist. G. A. Dadasheva, Moskva, Progress, 1966. 215 p. (CSI-H)
- [BASIC CONCEPTS OF THE STUDY OF SOCIETY; a brief dictionary] Osnovays poniatita po obshchostvovedenitu, kratkil slovar'. Moskva, Izd-vo polit. (faOTU)

- BEZRUKIKH, P.S. [Organization of accounting in an enterprise] Organization busing iterskope ucheta na predprivatii. Mostva, Financy, 1966. 204 p.
- BIN'KEVICH, G.I. [Man, work, wealth, an economist's story of the well-being of the workers of Murman] Chelovek, trud, bogatstvo, rasskaz ekonomista o blagosostolanti trudiashchikhsia Murmana.
 [Murmansk] Murmanskoe kutzhnoe izd-vo, 1965—125 p. (CSI-H)
- BOBROVNIK, V.L. [Lumbering industry in Khakassia] Lesnala promyshlennosi' Khakasii. Abakan, Khabasskee knizhnoe izd-vo, 1964. 75 p.
- BOCHKOVA, I.N., and M.I. TSITVER. [Rights and duties of the trade union committee] Prava i oblazamnosti komiteta profesoluza, [Moskva] Profizdat, 1966, 78 p. (Bibliotechka sel'skogo profesoluzanogo altivista, 12(60))
- BOGOLIUDOV, I [Solving problems in industrial management using electronic computers on the basis of nonmathematical algorithms] Reshende zadach po up av leading prozvodstvom s pomoshelt u elektromykh vychislitel hykh mashin na osnove nematematicheskich algorithmov Riga, Latvitskii respubl, m-t nauchnotekhn informatsii r propagandy, 1966—13 p. (Listok tekhnicheskoi informatsii Planirovanie i organizatsha proizvodstva)
- CHELIABINSKII GOSUDARSTVENNYI PEDAGOGICHE-SKII BISTITUT [Some economic problems of the building of communism in the U.S S.R.] Nekotorye chonomicheskie voprosy stroit(1'stva kommunisma v SSSR. Cheliabinsk, 1965—132 p
- CHERNIKOV, G. P. [Financial oligation of France] Financovala oligaribila Frantsii. Moskva, IMO, 1966. 415 p.
- CHICHKOV, V.M. [Steps through a strange land] Shagi po chuzhoi zemie [Moskva] Molodnia gvardila, 1986 124 p
- DANILEVICII, V.G. [Manual for wages] Spravochnik po zarabotnoi plate. Minsk, Nauka i tekhnika, 1966. 502 p
- DANILOVA, A.A. (School of progressive practice on a state farm) Stkola peredovogo opyta v sovkhoze. [Moskva] Profizdat, 1966. 29 p. (Bibliotechka sel'skego profisiu/nogo aktivista, no.11(50))
- DAVYDOV, A. M. [Agrarian reforms and the formation of socialist land utilization in the Uzbek S. S. R.] Agrarny problazovanita I formirovanie sotslatisticheskogo zemiepol'zovanita v Uzbekskoi SSR. Tashkont, Nauka, 1965, 270 p. (CSI-H)
- DOBRONRAVOVA, L.A., and G.S.SALIBEKOV. [Comprehensive balance of equipment and its normbase] Kompleksnyi balans oboundovantia i ego normativnain baza. Moskva, Ekonomika, 1966. 179 p.
- DRIZINA, T. Z. [Incentives for increasing labor productivity of automotive vehicle drivers; as exemplified by the Latvian S.S. R.] Stimuly povyshenita proizvoditel'nosti truda shoferov, na primere Latvitskoi SSR, Riga, Zinatne, 1966, 57 p.
- DUMBERGA, G., and B.SKARUPDNA [We continue the work of our fathers, the Latvian Komsomol and the building of socialism and communism, 1914-1965] Mes tevu dar bu turpinam, Latvijas komjaunatne socialisma un komunisma celtnicciba (1944-1956). Riga, Liesma, 1966. 105 p. [In Latvian]
- [ECONOMY OF SOCIALET COUNTRIES, 1965] Ekonomika stran sotskilizma, 1965 god Moskva, Ekonomika, 1966 262 p.
- EISMAN, HARRY. [Red neckties in the land of the dollar] Krasnye galstuki v strane dollara, [Meskva] Molodaia gvardila, 1966, 124 p.
- EMEL'IANOV, P.E. [This is dictated by life] Eto prodiktovano zhizu'iu. Moskva, Sovetskata Rossiia, 1965. 119 p.
- [50th ANNIVERSARY OF THE SHALE-MINING INDUSTRY OF THE ESTONIAN S.S.R.] 50 let slantsedoby vaiushchei promyshlennosti Estonskoi SSR, Tallinn, Valgus, 1986. 405 p.

- FIL'KIN, V.I. [Petroleum, gas, and petrochemical industries and their role in creating the productive forces of communism] Nefftanaia, gazovala, neftchilmicheskala industriia i eerol' v sozdanii proizvoditel'nykh sil kommuniuma. [Groznyi] Checheno-Ingur 15,000 knizhnoe izd-vo, 1965. 77 p.
- FISHMAN, I.I., and V.A.ARKHIPOV. [Abolition of self-dom in the Bryansk region, a historical sketch] Otmena brepostnogo prava na Brianshchine, istoricheskil ochetk. [Briansk] Brianskil rabochii, 1961. 59 p. (MH)
- FURAEVA, V.V. [Capital assets and productive capacities in the electric industry] Osnovnye fondy i proizvodstvemye moshchnosti v elektropromyshlemosti. Red. I.C.Nelidov. Moskva, Mosk. ekon. in-t, 1966, 17 p.
- GAL', I,M. [The system of international payment and ciedlt relations of the U,S.S.R. in foreign trade] Sistema mezhdunarodnykh raschetnykh i kreditnykh otnoshenii SSR po vneshnei torgovie. Kiev, Kievskii in-t nar.khoz., 1965. 10 p. (CSI-II)
- GALKINA, K.A., and A.S.SLUTSKER. [Occupational hygiene in flour milie] Gigiena truda na nukomol'-nykh predpi lattiakh. Moskva, Meditsina, 1066, 29 p. (Nauchno-populiai mia meditsinskaia titeratura)
- GARETOVSKII, N.V. [Incentive funds of enterprises in industry] Pooshchritel'nye fondy predprilatii v.promyshlennosti. Moskva, Znanie, 1906—79 p. (Narodnyl universitet: Tekhniko-ekonomicheskii jakul'iet, po. 12).
- GERNET, M. N. [History of the Tsarist prison] Istorita tsarshot thumy, Izd. 3. Moskva, Gog, izd-vo furid. 1it-1y, 1900-

1it-1y, 1960-Vol. 1, 1762-1625, Vol. 2 1825-1870, Vol. 3, 1870-1900, (MoSW)

- GLOTOV, V.V. [Accounting for related production and interchangeability in calculating the economic efficiency of manufacturing lumber ing industry products] Uthet smerlnyth profuvouslavi V vzalmozameniaemosti pri raschele ekonomicheskol effektivnosti izgotovlenita produktsit lesnol promyshlennosti. Moskva, TSentr. nauchno-last, in-t informatsit i tokhriko-ekon issledovanit po lesnoj, tsellinlozno-lumazhnoj, derevo-ubrabatyvalushchel promyshl. i lesnomu khoz., 1965.
 - [MICROFILM]
- GRIDASOV, R.A., and others [Economic map of the world] Politicheskala ekonomicheskala karta mira. Moskva, Voen.izd-vo, 1984—421 p. maps. (CST-II)
- GRIGOR'EV, B.V. [Management of a state industrial enterprise in the U.S.S.R.] Upraviente gosudarstvonnym promyshlemym prodpriatiom v SSSR. [Moskva] Ed-vo Mosk.univ., 1986. 74 p.
- GRUZDEV, V.P. [Trade-union committee and collective farm management] Komitet profesiaza i pravionie kolkhoza, [Moskva] Profizdat, 1966. 37 p. (Bibliotechka sel'skogo profesiaznego aktivista, no.17(65))
- GUTNIK, A.1. [Bring the building materials industry up to the level of tasks set for the new five year plan]
 Promyshlemost' stroilel'nykh materialov— sa uroventy adach novet pattlicki. Kishinev, Partiinee izd-ve Tak KP Meldavii, 1986. 72 p
- HANIEVYCH, I.1., and M.T.CHYZHEVS'KYI. [Struggle of the Bulgarian people for the completion of the pullding of socialism.] Borott'ha bolgars'koho narodu za zavorshennia budlvnytstva sotsializmu. [Kyiv] Vydvo (Kaotu).
- HOROBETS', H.I. [National bolidays today] Narodni sviata s'ohodni. Kyiv, [Vyd-vo "Radians'ka Ukraina"] 1964 - 31 p. (Tovarystvo "Znannia" Ukrains'koi RSR. Serlia VII, no. 19)
- IAKUPOV, KII.IA. [Proud occupation] Gordala professila, Ula, Bashkirskoe knizhnoe izd-vo, 1963. 34 p. (Maiaki promyshlennosti Bashkiril)
- IARIN, M.O. [Integrated brigade is on the frontier] Kompleksnaia na perednem krac. Ufa, Bashkirskoc kulzhnoc izd-vo, 1984. 30 p. (Maiaki promyshlennosti Bashki ili

- [IN STEP WITH LIFE, collection of articles on practice in teaching political economy] V nogu s zhizniu, shornik statet ob opyte prepodavania politicheskoi ekonomii Moskva, vysshala shvola, 1965—134 p
- INSTITUT KOMPLEKSNYKH TRANSPORTNYKH PROBLEM. [Problems in the improvement of overall operation of transportation] Voprosy sover shensive vanita kompleksnof ekspluatatsii transporta Pesared. A.V Komarova Moskva, Transport, 1966 315 p. (Ilis Trudy)
- INSTITUT MARKSIZMA-LENINIZMA, Moscow
 [From the history of Markism and the international labor movement, for the 100th anniversary of the founding of the I International] It istorii marksizma i mezhdunar odnogo rabochego dvizhentin, k 100-letifu so dnia osnovanita I Internatsionala, Moskva, Politizdat, 1964, 664 p.
 (CSI-II)
- [INTERNATIONAL YEARBOOK, Politics and economics, 1966] Mezhdunarodnyl ezhegodnik Politika i ekonomika, Vypusk 1966 g. Moskva, Politizdat, 1966, 335 n.
- ISAEV, AKYBAI, and M.M. KARTAVOV. Natural resources of Kirghtzistan in the service of the building up of the material and tecanical basis of communism. Prirodnyo tesursy Kirgizii na sluzhbe sozdanila material no-tekhnicheskol bazy kommunizma. Frunze, "Kyrgyzstan," 1965. 80 p.
- IVANOV, K.P. [Bypassing capitalism] Minuta kapitalizm Moskva, Znanic, 1966. 76 p. (Novoc v zhizni, nauke, tekinike. VII Serila: Mezhdusarodnaia, no. 23/24)
- [JUVENILE DELINQUENCY AND ITS PREVENTION]
 Alacaliste kuritegovubest ja selle arahoidmisest Tallinn, Eesti Raamat, 1966 251 p [In Estonian]
- KAGANOV, F.D. [Socialist reproduction and the market] Socialisticheskoe vosprotzvodstvo i rynok. Moukva, Ekonomika, 1966–189 p.
- KAIRZHANOV, E.K. [Economically, in a businegalike way] Rachitel'no, po-khoziaiski, Alma-Ata, "Kuzukh-stan," 1965 47 p.
- KALINNIKOV, T.G. [Training of cultural workers in a communist attitude towards lubor] Vospitanic kommunisticheskogo choshenila k trudu u rabotnikov kultury, (Moskva) Profizdat, 1966, 63 p. (Bibliotechku profsoluznogo aktivista, no. 36(156))
- KANNA, F.A., and A.D.KHIOARA. [Yesterday and today, pages from the life of a Moldavian village] Er'shi az', life dhi kronika unul sat moldavenesk. Kishil-neu, Kartia Moldoveniaske, 1986. 111 p. [in Moldavian]
- KARAMAN, M.M., R.P.PISKUNOV, and V.G.VOL-KOVA [Larger crops, lower costs] Urozhat vyshesebestolmost' nizhe. Simferopol', "Krym," 1966. 28 p.
- KARETNAIA, R.N. [Trade-union documentation of the workers' committee] Profsoluznoe khoziaistvo rabochkoma. [Moskva] Profizatat, 1966. 29 p. (Billintechka sel'skogo profsoluznogo aktivista, no.10(58))
- KARPICH, V.S. [Bank for the cooperation of equals, presequisites for its creation and operation] Bank sodruzhestva ravnykh, predposylki sordanila i delatel'nost', Pod red. K.A.Larionova, Moskva, 1MO, 1960, 155 p.
- KHLUDENEY, A.I. [Organization of labor, establishmesting of work aornis, and wages in vegetable growing] Organizatsila, normirovante i ophata truda v ovoshelievotistve Moskva, Kolos, 1965. 375 p.
- KHODZHAEV, A.M., ed. [Political economy; the presocialist means of production] Politicheskaia ekonomiia, desotsialisticheskie sposoby protzvodstva. [By] A.M.Khodzhaev i dr. Moskva, Vyshaia shkola, 1966. 335 p.
- KISELEY, V.P. [The inspirational power of the ideas of communism] Vdokhnovliatushchafa sila idei kommunisz ma. Gor'kli, Volgo-Viatskoe izd-vo, 1965. 63 p. (NIC)
- KOLTUNOV, V.M. [Development of the social character of the process of production during the period of the general crisis of capitalism, methodological textbook for students of the higher party schools] Razvitic obshehestvennogo kharaktera protesses protzvodstva period obshehego krizisa kapitalizma; uchebno-meto-dicheskoe posoble dlia slushateloi VPSh. Gor'kii, Gor'kovskaia vysshaia partiinaia shkola, 1965. 70 p. (CSI-ii)

- KOSIACHENKO, S.G. [Costs and prices for products of public dining, study matter] Sebestoimost'i temp pro-duktsit obshchestvennogo pitantia, uchebnyi material Podiccd V.A. Bunmovicha, Moskva, Instinarodnogo khoz 1962 34 p.
- KOVTUR, P.1. [We have rich harvests every year] U nas Fazhdyi god vysokie urozhal. [Moskva] Profizdat, 1966. 46 p. (Bibliotechka sel'skogo profsotuznogo aktivista, no. 21 (69))
- KRIUKOV, A. I. [Public consumption funds in the personal budgets of the workers] Obshchestvennye fondy potsebleniia v lichnom biudzhete trudiashchikhsia. [Kaluga] Kaluzhskoe knizhnoe izd-vo, 1963. 68 p. (NIC)
- KRIVENTSOV, A.I. [Accounting for monetary resources, payment and credit operations, lectures] Uchet denezhnykh svedstv, raschetnykh i kreditnykh operatsii, lektsii Moskva, Mosk in-t narodnogo khoz . 1963. 50 p.
- KULEBAKIN, G.I. [Guide for the person joining a hous-ing cooperative] V pomosisch' vstupalusischemu v zhilishchuyi kooperativ. [Moskva] Moskrabochii,
- KULESHOV, V.V. [Characteristics of the operation of the economic laws of socialism and their use, a lecture delivered at one-year higher economics courses] Osodenivered at one-year inginer economics courses of ob-beamost deletatia ekonomicheskiht zahonov sotsializ-ma i ikh ispot'zovanie, lektsila, prochilamaia na vysshikh godichnych ekonomicheskih kursakh. Shaka-ty, Vysshie godichnyc e'on.kursy ra'ovodiasachi b rabotnikov ugol'noi promyc il, 1966. 35 p. [MICROFILM]
- [KURSK PROVINCE, an economic and geographical study] Kurskala oblast', ekonomiko-geograficheskil ocherk Voronezh, TSentral'no-Chernozemnoe knizhnoe izd-vo, 1966 178 p.
- LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA, Vestures instituts, (Latvian agrarian history, the 16th-10th comuries; agriculture and market in the period of feudalism) Latvijas agrara vesture (XVI-XIX gs.); lauksaimnieciba un tii gus feo-dallema laika. Riga, Zinatne, 1966. 186 p. (In Lat-
- [LEADING FORCE OF MODERN TIMES, from the history of the Soviet working class of Daghestan and Northern Caucasus] Vedushchaia sila soviememosti, iz istoril sovetskogo rabochego khassa Dagestana i Soveinogo Kavkaza. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1964, 170 p. (CSt-II)
- LIVSHITS, A. L. [Necessary and surplus product under socialism] O neobkhodimom i pribavochnom produkte pri sotstalizme. Moskva, Znanie, 1967 47 p. (Novoc v zhizui, nauke, leklnike. III Seriia Ekonomika,
- LOPATINA, O. F. [Scientific principles of establishing work norms in agriculture] Nauchnye osnovy normi-lovanila truda v sel'skom khozlaistve. Moskva, Ekonomika, 1966. 239 p.
- MAGID, A. [History of a family; the Tret'lakov dynasty] Istortia odnot sem'l; dinastia Tret'lakovykh. Moskva, Znante, 1964. 143 p. (Prochti, tovarishch!)
- MAIOROVA, S.A., and N.P.SYSOEV. [Management and planning in the fishing industry of the U.S.S.R.]
 Upravlente I planirovanie v rybnoi promyshlennosti
 SSSR. Moskva, Pishcheva ia promyshl., 1966. 75 p.
- MAKAROV, N.P. (Economic principles of the organiza-tion of production on collective and state farms) Ekonomicheskie osnovy organizatsii proizvodstva v kolkho-zakli 1 sovkliozakli. Moskva, Kolos, 1966. 535 p.
- MAKEENKO, M., S.KIRKE, and A.KOVALENKO.
 [Machinery manufacturing complex of the Moldavian S.S.R., status and prospects for development]
 Mashinostroitel'nyi kompleks Moldavskoi SSR; sostoinnie i perspektivy razvitia. Kishinev, Kartia Moldoveniaske, 1960. 144 p
- MAKEENKO, M.M. [Specialization of the Moldavian S.S.R. within the framework of the all-Union division of labor] Spetsializatistia Moldavskoi SSR v obshchesoluznom razdelenii truda. Kishinev, Kartia Moldoveniaske, 1966, 194 p. (CSI-H)

- MAKHNOVA, V.I. [Historical process of the development of exchange and its characteristics under modern capitalism] Istoricheskii protsess razvitila obmena i ego osobennosti v uslovilakh sovremennogo kapitaliz-Moskva, Vysshala shkola, 1966, 110 p.
- [THE MAN WHO STOPPED THE MOUNTAIN] Chelovek ostanovii goru. Moskva, Pravda, 1967. 79 p. (Biblioteka "Komsomol'skoi pravdy, " no.1)
- MANEVICII, E.L. [Problems of public labor in the U.S.S.R.] Problemy obshehestvennogo truda v SSSR, Moskva, Ekonomika, 1966, 188 p.
- [MANUAL FOR THE WORKER OF A VOLUNTEER STAFFED BUREAU FOR CSTAELISHING TECHNICAL STANDARDS] Spravochuk rabotnika obshchostvennogo bino tekhnicheskogo normi ovanik Moskva, Ekonomika, 1968 205 p.
- MARKELOV, N.V. [Auditing the managerial operations of consumer ecoperatives] Revizila khozialstvennol delatel nosti v organizatsilakh potrebitel skoi kooperatsii. Moskva, Ekonomika, 1965. 294 p.
- MARKOVA, A.N., and M. F. SMIRNOV. [Technical and economic basis for development of a pipeline system for petroleum products] Tekhniko-ekonomicheskoe obosnovanie razvillia seti nettepi oduktoprovodov. Moskva, Nedra, 1966. 68 p.
- MARTSUNIUK, P.M., and B.P.SYDORENKO [Uncounters on the 25th meridian] Zustrichi na 25-mu meridiani. L'viv, Kameniar, 1966—106 p.
- MATIUKHA, I. IA. [Statistics of the population's budget] Statistika biudzhetov maseleniia, Moskva, Statistika, 1967. 246 p.
- MATIUSIIIN, V.N. [Ways of reducing costs in construc-tion] Pull sokiashchenila zatiat v stinitelistve, Ufa, Bashkirskoe knizhnee izd-vo, 1963, 101 p.
- MATVIICHUK, M.M. [Organizational work of the party in the industry of the Ukraine, 1952-1958] Organiza-tors'ka robota partif u promyslovosti Ukrainy, 1952-1958 rr. [Kylv] Vyd-vo Kylvs'koho universytetu, 1966. 147 p. (CSt-H)
- MEN'SHIKOV, N.I. [School of labor and education] Shkoly huda i vospitanita. Gor'kti, Volgo-Viatskoe knizhnoe izd-vo, 1965. 87 p. (CSI-II)
- MENSHUTIN, A.A. [Scientific labor organization and economics] NOT i ekonomika. [Leningrad] Lenizdat, 1966. 36 p. (Shkola setsialisticheskogo khozialistvovanila)
- MEZHDUNARODNYI NAUCHNYI SEMINAR PO VOPROSAM COPTIMIZATSH PLANIROVANIRA I MEZHOTRASLEVO-GO BALANSA, 1965. [Problems of optimal planning; materials] Problemy optimal nogo planirovaniia, ma-terialy. Pod red. A. N. Elimova. Moskva, Ekonomi-ka, 1966. 292 p.
- [MILITANT YOU'II, articles, sketches, and recollections about the Transbalkalian Komsomols of the twentles] Boevala molodosi', stat'i, ocherki, vospominanita o zabalkal'skoi komsomolii dvadisatykh godov, [Irkutsk] Vosiochno-Sibirskee kuizhuoe izd-vo, 1965, 109 p. (MH)
- MOSKOVSKAIA SIIVEINAIA FABRIKA NO.3. [50 years among Moscow enterprises] 50 let v strolu moskov-skila predpriiatii. Moskva, Legkala industriia, 1965. 149 p.
 - [MICROFILM]
- MOSKOVSKII INSTITUT NARODNOGO KIIOZIA ISTVA.

 Kaiedi a denezhnogo obrashchenila i kredita. [Practical assignments in issuing credit] Prakticheskie zadanila po kreditovanilu. Moskva.

 Pt. 2. 1962. 78 p.
- NAIGAUZ, A.B. [Paths of growth] Puti rosta. Frunze, 'Kyrgyzstan,'' 1965 43 p.
- [NATIONAL ECONOMY OF THE R.S.F.S.R. IN 1965; a statistical yearbook] Narodnoe khoziaistvo RSFSR v 1965 godu; statisticheskii ezhegodnik. Moskva, Statistika, 1966. 615 p.

- [NATIONAL ECONOMY OF THE U.S.S.R. IN 1976, a blatistical yearbook] Narodnoc khozialstvo SSSR v 1965 g., statisticheskli ezhegodnik. Moskva, Statistika, 1966,
- NAUCHNO-ESLEDOVATEL'SKII INSTITUT TRUDA.
 [Method of developing norms for the number of auxiliary workers] Metodika 1271 aboth normativov chisiennosti vspomogatel'nykh 1 abochikh Moskva, 1965 [MICROFILM]
- NIKOL'SKAIA, E.V. [Use of mathematical methods in the planning for printing enterprises] Primerende matematicheskikh metodov v plant ovanti poligrafiche-skikh predprisatil, ucholnoe posobje Nauch. red. L.M. Kheifets Moskva, Mosk.politekh in-t, 1985.
- NOVGORODSKH, IU. F. [Technologica) progress and the labor supply] Tekhnicheskii progress i rabocale kadry, Moskva, Znanie, 1967. 31 p. (Novoe v zhizni, nauke, tekhnike. III Seriha: Ekonomika, no. 2)
- NOVIKOV, N.V. JAmerican bourgeols sociology in the 20th century Amerikanskala burzhuaznala sotslologila v XX voke. Moskva, Znanie, 1966. 30 p. (Novoc v zhizh, manke, tekhnike. Il Seriia: Filosofiia, no. 24)
- NOVOZHILOVA, M.V. [Critical evaluation of the Catho-lic distortion of the problem of classes and class strug-gle in modern capitalist society, based on West Gorman materials. Author's abstract of a dissortation for the degree of Candidate of Philosophical Sciences | Kritika katolicheskol fal'siftkatsit problemy klassov i klassovol bozby v sovi emennom kapitalisticheskom obshchevoi do 163 v Sevi entenam kapitanisterienkon ossieniestve; po zappadiogen manskim materialam. Aviorefo: al dissertatsii na soiskante uchebnoi stepeni kandidata filosofskikh nauk. Nauch, rukovoditel' A, V, Shcheglov, Porm', Pormskii gos, univ., 1965. 20 p. [MICROFILM]
- NUSUPBEKOV, A.N. [Formation and development of the Soviet labod ing class in Kazakhstan, 1917-19 fol For-mirovanie i razvitie sovetskogo rabochego klassa v Kazakhstane (1917-1940gg.). Alma-Ata, Nauka, 1986. 24i p.
- OVSOV, A.IA. [Housing and service industries on a state farm] _inilishetmo-bytovafa tabela v sovkhoze, [Moskva] Profizdat, 1969. 69 p. (Bibliotechka sel'-skogo profsoluznogo aktivista, no. 24(72))
- PARAMONOV, I.V. [The paths behind as] Putl proiden-nye Moskva, Politizdat, 1980. 328 p. (O zhizui i o Schol
- [PARTICIPATION OF TRADE UNIONS IN LAND IMPROVE-MENT] Uchastie profsoluzov v melioratsti zemel', [Moskva] Profizdat, 1906. 46 p. (Bibliotechka sel'-skogo profsoluznogo aktivista, no. 18(06))
- PAUPA, V. (Economic efficiency of mechanization and automation in the machinery industry of the Latylan S.S.R.) Mehanizacijas un automatizacijas ekonomiska efektivitate Lalvijas PSR masinbuye. Riga, Zinatno, 1966. 55 p. [In Latvian]
- PAVLOV, D.V. [Soviet trade in contemporary conditions] Sovetskala torgovila v sovremenykh uslovilskih, Ezd. 2., perer. Moskva, Ekonomika, 1965. 221 p. (Cty)
- PERSKII, D.I. [Organization and planning for cotton manufacturing production] Organizatsiia i planirovanio khlopchatohumazhnogo prolzvodstva. Moskva, Logkala industriia, 1966. 303 p.
- PETROVSKII, 1U.V. [A hotel at your norvice] Gostinitaa k vashim uslugam. Kylv, Budlvel'nyk, 1965. 36 p.
- PIMENOV, A.A. [Cognizance and use of the economic laws of socialism; a lecture delivered for students of higher economics courses] Poznanie i ispol'zovanie ekonomicheskith zakonov sotsializma, lektalia, prochitannala dila stushatelet vysshith ekonomicheskith kursov. Novecherkassk, Novecherkasski politekhu, in-t, 1986. 22 p.

 [MICROELIM]
 - [MICROFILM]
- PODOL'SKII, IU.IA., and M.N.MART'IANOVA. [Sintistics of an industrial enterprise] Statistika promyshlennogo prodpiliatija. Pod red. G.IA.Kipermana. Moskva, Statistika, 1965. 202 p.
- POLITEV, M.K. [Ways for increasing traffic safety in automotive transportation] Pati povyshentin bezopas-nosti dvizhenija aviomobil nego transporta. Meskva, Vysshaja sikola, 1965. 83 p. [MiCROFILM]

- POMAZANOV, S. I. [Comprehensive development of the national economy in socialist countries]. Kompteksnoc razvitle narodnogo khozvijstva v stranakh sotsializma Moskva, Mysl*, 1956. 230 p.
- POPOV, I.G. [Linear programming in economic calculations for ag., iculture] Lineinor programmin ovanic vokonomicheskikh raschetakh po sel'skomu klazz laistvu, uchchnoe posebie. Moskva, In-t narkhoz., [1961] 102 p.
- POPOV, V.E. [Organization of wages in machinery in which thing enterprises] Organizatifa zarabotnor platy na predprinatifakh mashinostroenia. Kicv, Tekhnika, 1985–185 p.
- PRUDENSKII, G.A. [Time and labor] Vienna i trud Moskva, Mysl', 1965 342 p
- PUTALOV, A.K. [The most important, the main thing] Samoe vazinoe, samoe glavnoe Frunze, Kirgizgosizdut, 1963 49 p
- [REGULATIONS FOR THE WORK OF TRADING CONCERNS AND FOR THE SALE OF GOODS] Pravila raboty torgoryth prodprinati i prodazhi tovarov, sbornik normativnykh materialov Izd 3., perer Moskva, Efonomika, 1965 509 p.

 (MH-L)
- RIZHSKII POLITEKHNICHESKII INSTITUT Kafedia organizatsii i ckonomiki prokvodstva [Economic efficiency of improving at ticles] Exhonomicheska ta effektivnost' sovershenstvovanila Lydelli [By] L I Gamrat-Kurek i dr Riga, 1966 69 p.
- RUBAKIN, A.I. [Praise to old age] Pokhwala starosti Moskra, Soretskaiz Rossiia, 1988 286 p.
- RUDENKO, I.E. [Organization of economic work Intertile enterprises] Organization of economic work Intertile enterprises] Organization decommence of raboty na tekstill hybrid production industria, 1965. 275 p. (CaOTU)
- RUSSIA (U.S.S.R.) Gosuda, stremmy komitet po delam stroitel'stva. [Amendments and supplements to the "Uniform norms and piles for construction, assembly and construction reput work" (ENIR) and to the "Standard wage and occupation classification manual for workers employed in construction and construction repail work" (ETKS) Dopoleculta it izmenentia k "Edinoym normam i rastsenkam na stroitel'nyo, montachnye i remontho-stroitel'nye raboty" (ENIR) i k "Edinomu tarifno kvalifikatsionnomu spravothniku rabot i professii rabochibh, zaniatykh v stroitel'stve i na remontno-stroitel'nysh rabotakh" (ETKS) 1960 g. Moskva, Stroitelat.
 - No.7. 1966, 102 p.
- RUSTAMOV, M.A. [General characteristics of the advancement of the cultural and technological level of the labor class in our country.] Olkentzde felile sinfinin modeni-tekhalki sevijjesinin jukselmesi gammanjguninglary. Baky, Azerbajchan SSR elmler akademijasy neshrijjaty, 1960. 323 p. [In Azerbaijant]
- SAMKNULO, G.M. [Economic analysis of the production and managerial operations of woodworking industry enterprises] Ekonomicheskii analiz polyvodstvennokhozialstvennoi delatel hosti dei evoobrakalyvalushehikh predpriiatti. Moskva, Lesnala promyshlennosti, 1966-330 p.
- SERGEEV, M.A. [Organization of business accounting in a machinery manufacturing enterprise] Organizatsiia khozlaistvonnogo rascheta na mashinedrotrich'nom predprijatii, Moskva, Mashinostronie, 1966. 227 p.
- SERGEEVA, Z. V. [Workers' trade union committee and establishing work norms on state farms] Rabochkom i normirovanie truda v sovkhozakh. [Moskwa] Profizdat, 1905. 46 p. (Bibliotechka sel'skogo profisoluznogo aktivista, no. 20(68))
- SHPIRT, A.IU. [Expansion of foreign state monopoly capital in Africa] Ekspansiia inostrannogo gosudai stvenno-monopolisticheskogo kapitala v Afrikc. Moskva, Nauka, 1906. 192 p.
- SKALOV, K, IU. <u>ed.</u> [Transportation junctions] Transportnye uzly. Moskva, Transport, 1966—507 p.
- SLAVNYI, 1.D. [Currency circulation and economic reform] Denezhnoe obrashchenie i okonomicheskata 1eforma. Moskva, Finansy, 1966 78 p.

- SLEDE, E. [Tomorrow of the public transportation of Riga] Rigas sabiedriska transporta ritdlena. Riga, Liesum 1965. 90 p. [In Latvian]
- SUCHKOV, A.V. [Socialist industrialization in the Tajik S.S.R.] Sotsi distiche skala industrializatsina v Tadzidkskon SSR. Dushanbe, Tadzidkskil gos. univ., 1965. 162 p.

- SUROVA, E I [The flying bicyclist] Letaushchii velosipedist [Moskva] Molodam gandii i, 1966 93 p
- TARASENKO, M. IA. [Business accounting of construction or ganizations and operation planning in construction, as evemplified by the construction organizations of Chelvabinsk Province] Vinut ipostrocchnyi kloziaschet i operativnoc planitovanie v stroitel stve, na primerakh stroitel nykh organizatsii Chellabinskot oblasti. (Chellabinsk) Chelitabinskoe kniziuroe izd-vo, 1963—90 p.
- [TARIFF GUIDE No. 4] Tarifnoe i ukovodstvo No. 4 Moskva, Transport Book 2 Pt.1 [Alphabetical list of railroad stations Effective from October 1, 1965] Alfavilnyi spisok zheleznodorozhnykh stantsii Vvedeno v deistvie s 1 oktiabi ia 1965 goda 1965 550 p
- [TRADE UNIONS OF CENTRAL AMERICA AND THE CARIBBEAN SEA COUNTRIES] Profeducy stran TSentral'noi Ameriki i Karibskogo Moria, [Moskva] Profizdat, 1868, 161 p. (Profeducy mira)
- [TRADE UNIONS OF SOUTH AMERICAN COUNTRIES]
 Profisoluzy stran füzhasi Ameriki [Moskva] Profizdat, 1966—182 p. (Profisoluzy mira)
- TSAPKIN, N.V., ed [Firms and economics; from the work practice of Leningrad industrial combines]
 Firmy I ekonomika, iz opyin raboty leningradskikh proizvodsivennykh ob"edinenii. Sbornik statel. [Leningrad] Lenizdat. 1966. 228 p.
- TSENTSIPER, M.B. [You may not be a poet...] Poetom mozhesh' ty ne byt'. . Moskva, Znanie, 1966. 79 p. (Narodawi universitet Pedagogieheskii fakul'tet, no.ll)
- TUKHVATULLINA, K. G. [The youth of Bashkiria are in the front ranks] Molodezh' Bashkirii na perednem krae Ufa, Bashkiriskoe kaizhnoe izd-vo, 1963, 54 p. (Bibliotechka komsomol'skogo aktivista) (CSI-II)
- TURSUNOVA, S. N. [Committees of the village poor were the support of the Communist Party in the socialist transformation of the Tajik village [httoki kambagalon 0,00 a Kommunisticheskot partii v hotsiniisticheskom prech azovanii tadzhikskogo kishlaka. Dushanbe, Irion, 1965. 59 p (CSI-11)
- TUSHUNOV, IU.A. [Economics of the use of equipment] Ekonomika ispol'zovanija oborudovanija. [Moskva] Mosk rabochil, 1966. 63 p.

UK- --- -

fektivnosti tekhnicheskoi informatsil. Klev, 1965.

[MICROFILM]

- UL'IANOV, A.I. (Collective agreement in an agricultural enterprise) Kollektivnyi dogovor na sel'skokhozialstvennom predprifatti. [Moskva] Profizdat, 1968, 29 p. (Bibliotechka sel'skogo profsoluznogo aktivista, no. 1967))
- USMANOV, S. U., and A. B. KOMAROVSKII. [When the neighbors lend a liand] Bol'shoi khashar, Moskva, Politizdat, 1966. 77 p.
- VAFAEV, A.D. [Material and technical foundation of the textile industry of Tajikistan] Material no-tekhnichesvala baza tekstil nol promyshlomosti Tadzbikistana. Pod red. Kh. K. Kurbanava. Dushanbe, Ir fon, 1965, 96 n.
- VAKSHUL', N.I. [Continuous operation planning] Nepreryvnoe operativnoe plantrovanie, Khar'kov, Praper, 1966, 79 p.
- VASIL'EV, G. A. [Economic officiency of automatic lines in machinery manufacturing] Ekonomicheskaia effektivnost' avtomaticheskikh linit v mashinostroenii. Moskva, Mashinostroenie, 1986. 148 p.

- VOLT, VELLO [Setting up not ms of working capital in industrial enterprises] Toostusellevotete kalbevahendite not meer induse Tallinn, Eesti Raamat, 1966 93 p (in Estonian)
- VOROPAEVA, A.V., V.N.ARTEFIOV, and Z.M.KOROLI. [Statistics of the state purchases of agricultural products] Statistics zapotovok soliskokhozlatstvomykh produktov. Minsk, Vysshala shkola, 1965. 68 p. (CSI-II)
- WARD, BARBARA, Five ideas that change the world, Translated from the English] Plat' idei, Fotoryo mentatu mir. New York, F.A. Prager [1961] 189 p. (NIC)
- WORLD POPULATION CONFERENCE. 2d, Belgrade, 1965. [Problems of population and demographic statts-ties, reports of Soviet scientists and specialists at the 1965 U.N. World Population Conference] Vopnosy narodonaselenila i demograficheskol statistiki, doklady sovetskikh uchenykh i spetsialistov na Vsemirnoi konferentsii OON po voprosam narodonaselenila 1965 goda, Pod red, P.G. Pod lachikh i dr. Moskva, Statistika, 1966, 398 p.
- ZAKHAROVA, V.I., and N. F. ULER. [Establishing of work norms and waiges in industry Normaria shi retribuit la munchil ya industrie. Kishineu, Kartla Moldoveniaske, 1966. 44 p. (Kunoshtintse ekonomiche fiekerui munchitor) [In Moldavian]
- ZAPOROZHETS', SYDIR. [Social problems of everyday life] Sotsial'no-pobutovi problemy. Toronto, 1966, 296 p. (CoU)
- ZENKA, V. [Agriculture in the five-year plan] Lauksalmniceiba picegade. Riga, Llesma, 1968, 59 p. [In Latvian]
- ZERKIN, D.P. [Sources and moving forces of the development of socialist society] Istochnikl i dvizhushchie sily i zavitila socialisticheskogo obshehestva [Rostov-na-Donu] Izd-vo Rostovskogo univ , 1966 244 n.
- ZERNOV, E.V. [Organization and planning of the production of synthetic fibers] Organizatsiia 1 plantovanic profzvodstva khimicheskikh volokon. Moskva, Khimita, 1966, 305 p.
- ZLOMANOV, L.P., and I.S.RYBAKOV. [What industry does for agriculture] Promyshlennost-set'skonu hhoziaistvu. Moskva, Ekonomika, 1066. 86 p. (Aktual'nyo problemy ekonomiki set'skogo bhozlatstvu)
- ZOEV, S.O. [Development of Chechen-Ingush inductry]
 Razvitle promyshlennosti Checheno-Ingushetti,
 [Groznyi] Checheno-Ingushskue knizhnoc izd-vo,
 1966. 57 p.
 [MICROFILM]
- ZUBCHIK, N.D. [How to organize business accounting on a collective farm] Kak organizovat' khozraschet v kolkhoze. [Volgograd] Volgogradskoe kutzhuoe Izd-vo. 1982 80 n
- ZYRIANOV, F.P. [Intensification is the main element; activity of party organizations of the Northern Caucasus in the development of agricultural production] intensifikatsila glavnoc zveno, detatel nosti partinykhorganizatsil Severnogo Kavkaza po razvititu solikekokozlaistvennogo proizvodstva [Krasnodar] Krannodarskoc knizhnoc izd-vo, 1966. 201 p. (CSI-II)

6. POLITICAL SCIENCE

- AKADEMIIA NAUK SSR. Institut mirovoi ekonomiki i mezhdunarodnykh otnoshenti. [Political life in the U.S.A., problems of internal polity] Politicheskat. zhizn' v SShA, problemy vnutrennei politiki. Moskva, Nauka, 1966. 294 p.
- AKSEL'ROD, G.S. [Payment for fear] Plata za strakh. Moskva, Voenizdat, 1965. 93 p.
- BAGDASARIAN, OVANES, [Leminist unity of the Communist Party, Leminskoe edinstvo Kommunisticheskoi pariti. Elevan, Armianskoe gos. izd-vo] 1962. 233 p. [In Armenian] (MH)
- BAGRAMOV, E.A. [The nationalities problem and bourgeois ideology; criticism of modern political and socilogical concepts] Natsional nyi vopios i burzhuzzukik ideologia; kritika noveishthi politiko-sotsiologicheskikh kontseptsii. Moskva, Mysl', 1988—324 p.

- BANNYKH, M.P. [Soviets of workers' deputies as urgans of the people's power] Sovety deputatov iradiashchikh-sita organy narodnol vlasti. Moskva, Zmanie, 1965. 40 p. (V pomoshch' lektoru) (CSt-H)
- BEREZHKOV, V.M. [With the diplomatic mission to Berlin, 1940-1941] S diplomaticheskol missici v Berlin 1940-1941. [Minsk] Izd-vo Agentsva pechati Novosti [1966] 158 p
- BURGANOVA, F., and R. GATAULLIN, [Lenin's principles of coal of in action; sketch of the history of popular control in the Talar Republic Leninskie printship kontrolia v detavit, ocher k po istorit narodnego kontrolia v Tatarii, Kazan', Tatarskoe knizhnoe 1zd-vo, 1906, 131 p.
- BZAEV, K.K. [Reactionary internal and foreign policies of West Gorman Imperialism] Reaktsionnala vnutrennilata i vneshnilata politika zapadnogermanskogo imperializma. Ordzhonikidze, Severo-Osetinskoe kn. 1zd-vo, 1965. 98 p. (CSI-II)
- CHRKIN, V.E. [Forms of the state in the phase of tranaltion to socialism] Formy gosudarstva, perekhodnogo k actsialisticheskomu tipu. Moskva, IUrid, lit-ra, 1966. 222 p.
- FILIPPOVA, A.P. [Max\sist-Leninist characteristics of the contemporary ported] Marksistsko-leninskala klarakteristika sovi emennoi epokhi. [Saratov] Saratovskii iuridicheskii in-t, 1964. 159 p. (CSI-II)
- GINEV, V.N. [Popullst movement in the contrat Volga Valley in the 1870's] Natodnicheskoe dvizhenie v Srednem Polvozh¹0, 70-e gody XIX veka Moskva, Nauka, 1966, 162 p.
- GOGOKHIIA, D.V. [Abkharlan organization of the Communist Party of Georgia during the building of communist society, 1959-1965] Abkharskala organizatsiia Kommunisticheskol partii Gravii v per iod stroitel'stva kommunisticheskogo obshchestva (1959-1965 gg.) Sukhumi, Alashara, 1966—110 p.
- GORSHKOV, A.D. [Standing committees in action] Postolamye komissii v deistvii. [Rostov-na-Donu] Rostovskoe kutzhnoe izd-va, 1965. 50 p.
- KOPEICHKOV, V.V. [The mechanism of the Soviet socialist state, summaries of lectures] Mekhanizm sovetskog sot-kalistiries/tagegosudarstva, konspekt lektsh. Khar'kov, Khar'kovskii lurid, in-t, 1905. 47 p. (CSI-II)
- KOROLFV, B. I. [The party-Inspirot and organizer of the victory of the Great October Socialist Revolution, March-October 1917] Partifa - vdokhnovitel' forganizator pobedy Veilkol Oktiabr'skoi sotsialisticheskoi revolutisti, mart-oktiabr' 1917 g. Muskva, Izd-vo polit. Ilt-1y, 1906. 84 p. (Uchebno-motodicheskie posobila k Izachenitu istorii KPSS) (CaOTU)
- KOZLOV, IU.M. (Correlation of state and public administration in the U.S.S.R.) Sochoshenie gosudarstvennogo i obshche.tvennu.o upravenia v SSSR. Moskva, IUrid.lit-ra, 1966. 213 p.
- KURGANOV, I.A. [The strategy of communism, report to an entarged session of the Committee for Rights and Liberty in Russia] Strateglia kommunizma; doklad na rasshirennom zasedanii Komiteta za prava i svobodu v Rossii. [Paris] Komitet za prava i svobodu v Rossii, 1901, 35 p.

 (CoU)
- LEEDE, VALDAR, and AUGUST PUSTA. [Communist Party of Estonia during the Great Patriotic War of the Soviet Union, 1941-1945, chapter 15 of "Essays on the history of the Estonian Communist Party"] Kommunistichaskais partifa Estonii v period Velikoi Cicchestvomoi voiny Sovetskogo Soiuza (1941-1946 gg.), XV glava "Ocherkov istorii Kommunistichaskoi partif Estonii." Tallinn, Eesti Raamat, 1986. 124 p.
- LENIN, V.I. [V.I. Lonin on Soviet socialist democracy] V.I. Lonin o sovetskoi sotsialistichoskoi demokratii. Izd. 2.,dop. Moskva, Politizdat, 1967. 252 p.
- MALININ, S.A. [Legal foundation of disarmament] Pravovye osnovy razoruzhentia [Leningrad] Izd-vo Leningr.univ., 1966. 181 p

- MONGOL'SKAIA NARODNO-REVOLIUTSIONNAIA PARTIIA, 15. s'e2d, Ulan-Bator, 1966 [15th Congress of the Mongolian People's Revolutionary Party held in Ulan-Bator on June 7-11, 1966] Xys'e2d Mongol'skoi nat odno-revolutisionnoi partifi (Ulan-Bator, 7-11 filmia 1986 goda) Moskva, Politizdat, 1966 239 p (Dokumenty I materially 2ar ubezhnykh kommunisticheskikh i rabbehikh partij)
- MUSLIUMOV, I.S. [V.I. Lenin's work "Current problems of the Soviet Government", lecture for correspondence students] Rabota V.I. Lenina "Ocherednyc zadachi Sovetskoi vlasti", lektsila dila studento-zaochnikov, Daku, Azerbaldzhanskii pedagog, in-t lazykov, 1966. 24 p. (CSI-H)
- NIKOLAEV, P.A. [Policy of the Soviet Union on the German question, 1945-1964] Politika Sovetskogo Soluza v germanskom voprose, 1945-1964 Moskva, Nauka, 1966 397 p
- [ORGANIZATIONAL PARTY WORK, questions and answers] Organizatsionno-partithain rabota, voprosy i otvety Ird. 3, perer. i dop. Moskva, Politizdat, 1967 190 p.
- [OUR STRENGTH IS IN COLLECTIVE LEADERSHIP, expel lence of collective and state farm party organizations] Kollektlivses jubitimises petub joud, sowhoonde ja kolhooside parteion ganisats ioonide tookogemust Tallinn, Eesti Raamat, 1966 68 p [In Estonian]
- OVINNIKOV, R.S. [Masters of the English policy, financial oligarchy and foreign policy of England after Suev, 1957-1960] Khozineva anglitiskoi politiki, finansovata oligarkhila i vneshnitala politika Angliti posle Suetsa, 1957-1966. Moskva, Mezhdunar otnoshenila, 1956 432 p
- PANKSEEV, A.K. [At the turning point, the work of the Estonian Communist Party in 1944-1945] V per elemnoc viemia, o deiatel nosti Kompartii Estonii v 1944-1945 godakh. Tallina, Eesil Raamat, 1966, 76 p.
- [PARTY'S EFFORTS TO CONSOLIDATE AND DEVELOP SOCIALIST SOCIETY. Strengthening of the country's defenses, 1937-June 1911, consultations and methodological advice) Partific v bor'be za uprochenie i razvitie sotsinilisticheskogo obshchestva. Usilenie oboromy strany (1937 god) liun' 1941 goda), konsul'tatsit, metodicheskie sovety. [Moskva] Mosk, rabochii, 1902, 165 p. (V pomoshch' Izuchaiushchim istoriiu KPSS, no, 14)
- PLETNEY, E.P., ed. [Diplomacy and world economy] Diplomatiia i mirrovoc khoziaistvo. Moskva, IMO, 1966. 229 p.
- [PORTRAUTS OF MEMBERS OF THE PRESIDIUM OF THE CENTRAL COMMITTEE OF THE CPSU] Portrety chlenov Prozidiuma Tak KPSS. [Leningrad, Khudozhnik RSFSR, 1965] 12 plates (in portfolio) (CSL-II)
- POZHARSKAIA, S.P. (Socialist Labor Party of Spain, 1931-1939) Sotsialisticheskaia rabochala partiia Ispanii 1931-1939. Moskva, Nauka, 1966. 224 p.
- RAZMEROV, V.V., and D.G.TOMASHEVSKII [Struggle of the U.S.S.R, against impertalist aggression]
 Bor'ba SSSR protiv imperialisticheskoi agressil Moskva, Politizdat, 1966. 63 p.
- ROSTOVSKII-NA-DONU GOSUDARSTVENNYI PEDAGOGI-CHESKII INSTITUT. Kafodi a nauchnogo kommunizma [Problems of scientific communism] Problemy nauchnogo kommunizma Rostov-na-Donu, 1966. 145 p.
- RUSSIA (U.S.S.R.) Komissila po izdanitu diplomaticheskikh dokumentov. [Documents of the foreign policy of the U.S.S.R.] Dokumenty vneshnei politiki SSSR. Moskva, Politizdat. Vol. 12. [January 1-December 31, 1929] 1 ianvaria—31 dekabria 1929 g Red.kollegiia I.I. Agalants i dr 1967. 815 p.
- SELEZNEY, G.K. ["Johnson's doctrine" is a threat to the peoples of Latin America] "Dektrina Dzhonsona" ugroza narodam Latinskoi Ameriki. Moskva, Znanie, 1967. 45 p. (Novoe v zhizni, nauke, tekhnike VII Seriia: Mezhdunarodnaia, no.1)
- SMIRNOV, S.A. [Democratic centralism is the leading principle of the organizational work of the party, for universities of Marxism-Leninism] Demokraticheskit tsentralism rukovodinshchit printsip organizatsionnogo stroenila partit; dila universitetov marksizmaleninizma. Moskva, Mysl', 1966. 52 p. (Partiinoe stroitol'stvo)

- SOHIN, A.I. [Evolution of the Tajik S.S.R. towards a political organization of society involving the whole people] Tadzhikskoi SSR k obshchenarodnoi politicheskoi organizatsii obshchestva. Dushanbe, Irfon, 1965. 156 p. (CSL-14)
- [THE STAIFS OF PEOPLE'S CONTROL, from the experience of the party and government control committees attached to party and executive committees in the provinces, citics, and districts of the Ukrainian S.S.R.] Shtaby narodnoho kontroliu, z doswidu raboty komitetty partderzhkontroliu obkomy partil i oblvykonkomiy, mis'kikh i rajonnykh KPDK Ukrains'kol RSR. Kyiv, Vyd-vo polit.lit-ry Ukrainy, 1965. 82p. (CaOTU)
- STAROVOITOV, N.G [Procedures for organizing and conducting elections to the soviets] Poi indok organizatist it in ovedenia veloriov v Sovety Moskva, Illrid lit-1a, 1867 69 p
- VASENIN, V.K. [Deputies of local Soviets] Deputat mestnogo Soveta Moskva, IUrid.lit-ry, 1967 77 p
- ZININ, V.K. [True son of the party] Vernyi syn partii. Erevan, Alastan, 1966. 44 p.

7. LAW

- AKADEMHA NAVUK BSSR. Instytut filasofil i prava, [Quality of production and construction work, civil law means to assure it] hachestvo produktsil i stroiter-nykn rabol, grazhdansko-pravovyc sredstva obespechenila. Minsk, Nauka i tekhnika, 1966, 158 p.
- ANISIMOVA, T.B. [Constitutional forms of relations among the nationalities of the U.S.S.R., for universities of Marxism-Lenlnism] Gosudai sivenaye pravovye formy natsional'nykh otnoshenit v SSSR, dita universitetov marksizma-leninizma. Moskva, Myst', 1966. 61 p. (Osnovy sovetskogo gosudai stvennogo stroitel-stva i prava)
- ARMENIAN S.S.R. Laws, statutes, etc. [Criminal Procedure Code of the Armenian Soviet Socialist Republic. With amendments and supplements to October 1, 1955, and with the addition of materials arranged by paragraphs] Ugolovno-protessual'nyi kodeks Armianskoi Soveiskoi Sotsialistichesko' Respubliki. Sizmenenitami i dopolnenitani na 1 oktiabita 1965 goda s prilozhentem postateino-sistematizi ozamykh materialov. Erevan, Aiastan, 1965. 337 p. (CSt-H)
- AZERBAIJAN. Laws, statutes, ctc [Statute on elections to the district (city) people's courts of the Azerbaijan S.S.R.] Azerbajchan SSR 1 aion (sheher) khalg mehkemblert sechklierine dain esasname Azerbajchan SSR Ali Soveti Rejaset hej'etinin 1960-chy il 20 oktjabr tarikhli Fermany ilc tosdig odilmishdir, Azarbajchan SSR Ali Soveti Rejaset hej'etinin 1965-chi il 16 oktjabr tarikhli Fermany ile edilmish dejishiklikler ve elavelerie Baky, Azerneshr, 1965. 20 p. [In Azerbajajnil]
- BOGUSLAVSKII, M. M. [Legal problems of U.S.S.R. aid to foreign countries and licensing agreements]
 Pravovyc voprosy pomoshchi SSSR inostrannym gosudarstvam i litsenzionnyc dogovory. Moskva, Izd-vo Akad. nauk SSSR, 1963. 244 p.
 (NN)
- BOLDYREV, V.A. [Soviet courts] Sovetskii sud. Moskva, IUrid. lit-ra, 1968. 108 p.
- BURNASHEVA, D.A. [To agricultural workers and employees on the settlement of labor disputes] Sel'skokhozialistvennym rabochim I sluzhashchim o razreshenil trudovykh sporov. 2. izd. [Moskva] Plofizdat, 1965. 61 p. (MH-L)
- BUTKO, I.F.,. O.M. VASYL'TEV, and O.K. SELEZN'OV. [Handbook for criminal investigators] Dovidnyk sudovo-slidchoho pratsivnyka Kyiv, Vyd-vo polit. lit-ry Ukrainy, 1986 185 p
- [CONSULTATIONS ON THE NEW LEGISLATION] Konsul'tatsii po novomu zakonodatel'stvu. [Moskya] Prolizdat, 1966. 78 p. (Bibliotechka "el'skogo profsoiuznogo aktivista, no. 23(71))
- EMELIN, N., comp. [The crime will not take place]
 Prestuplente ne sostoitsia. Kishinev, Kartin Moldoventaske, 1966, 167 p.
 (MH-L)

- ESTONIAN S.S.R. Laws, statutes, etc. [Criminal procedure code of the Estonian S.S.R. Supplemented with a commentary] Eesti NSV kriminaalprotsessi loodeks. kommenteeritud valjaanne. Tallinn, Eesti Raamat, 1965. 503 p. [In Estonian]
- astronian S.S.R. Laws, statutes, etc. [Labor laws, a collection of present-day normative acts] Tooseadusandlus, kehiiyate normatiiyaktide kogumik. Tallinn, Eesti Raamat, 1964. 479 p. [In Estonian]
- ESTONIAN S.S.R. <u>Laws, statutes, etc.</u> [Labor laws, a collection of present-day normative acts] Tooseadusandlus, kehtivate normatiitaviide Fogunuk. 2 , laiendatud valjaanne Tallinn, Eesti Raamat, 1986 562 p. [In Estonian]
- ESTONIAN S.S. R. <u>Ulermoul of the Sixth</u>
 Supreme Soviet of the Estonian S.S.R., ninth session,
 September 14-15, 1966. Verbatim report! Eesti NSV
 Ulermoulkogu kuuenda koosseisu uheksas istungjai k
 14-16 Septembril 1966 Stenogramm, Tallinn,
 Eesti Raamat, 1960 139 p [In Estonian]
- FUKS, S. L. [Soviet law from the period of the transition to the new economic policy to the beginning of the advance of socialism on a broad front, 1921-1929; a summary of lectures] Sovetskoe pravo v period of perekhoda k novol ekonomicheskoi politike do nachala nastuplenifa sotislalizma po vsemu frontu, 1921-1929 gg, tonspekt lektsil. Khar'kov, Khar'kovskil lurid, in-t, 1985, 60 p. (CSt-11)
- KHAR'KOVSKH IURIDICHESKH INSTITUT. [Problems of forensie photography, summary of lectures for students of Kharkov Law Institute] Voprosy sudebnol fotografii, konspekt lektsil dlia studentov Khar'kovskogo iuridicheskogo instituta. Khar'kov, 1965.

 44 p. (CSt-H)
- KIRGHIZ S.S.R. Laws, statutes, etc. [Civil code of the Kirghiz S.S.R.] Grazhdanskii kodeks Kirgizskol SSR. Frunze, "Kyrgyzstan," 1964 400 p [In Kirghiz and Russian]
- KIRGHIZ S. S. R. Laws, statutes, etc. [Civil procedute code of the Kinghiz S. S. R.] Grazhdanskii protsessual-nyi kodeks Kingizskoi SSR. Frunze, 1964. 425 p. [In Kirghiz and Russian]
- KIRGHIZ S. S. R. Laws, statutes, etc. [Constitution (fundamenta) law) of the Kirghiz Soviet Socialist Republic [Kysgyz Soveith Socialistik Respublikasynym konstitutsitasy (neglizgi zakonu) Kysgyz SSR inh altynchy shallangan Zhogorku Soveilnin uchunchu beshinchi sessitalarynda kabyl alyngan ozgortunioru zhara toluktooloru menen. Frunze, "Kysgyzstan," 1965—36 p. [In Kirghiz]
- KRIGER, G.A. [Struggle against misappropriation of socialist property] Borba's khishcheniami sotsialisticheskogo Imushchestva, Moskva, IUrid.lit-ra, 1965. 328 p. (CaOTU) (MH-L)
- IATVIAN S.S.R. <u>Laws, statutes, etc.</u> [Civil procedure code of the Latvian Soviet Socialist Republic] Latvijas Padomju Socialistiškas Republikas civilprocesa kodekss. Rīga, Liesma, 1966—504 p. [In Latvian]

- MOLDAVIAN S.S.R. Laws, statutes, etc. [Statute on elections to district, city, village, and softiement sovicts of workers' deputies in the Moidavian S.S.R.] Regulamentul de alezher' yn Sovetole raionale, oreshenesht', setesht' shi de oreshel de deputats' al oamenilor munchti din RSS Moldoveniaske Aprobat prin Ukazul Prezidiumulul Sovetuul Suprem al RSS Moldovenesht' din 17 dechembrie 1954 lu modifikerile shi komplekterile, yntroduse prin Ukazul ile Prezidiumulul Sovetulul Suprem al RSS Moldovenesht' din 16 dechembrie 1954, pi ianuarie 1959, 30 iulie 1959, 12 ianuarie 1953 shi 8 dechembrie 1965 Kishineu, Kartia Moldoveniaske, 1967, 34 p. [In Moldavilan]
- MOSKOVSKII GOSUDARSTVENNYI UNIVERSITET. Kaledra irudovogo prava. [Labor law] Taudovoe pravo. Pod red. N.G. Aleksandrova. Moskva, IUrid. lit-ra. 1966. 542 p.
- NIGAI, M.A. [Socialistic legality watches over the public or der] Sotslahisticheskala zakonnost' na strazhe obshehestvennogo porladka. Alma-Ata, "Kazakhstan," 1966. 58 p. (CSI-W)
- PALTSER, A. [Dismissal of criminal cases and placement of the accused in the custody of workers] Kriminally-studies translating unishondlikule Faendusele andmise tottu. Tartu, Tartu Hiklik Ulikool, 1965.
- PANOVA, E.A. [Internal regulation of work on state farms] Vnutrennii trudovol rasporiadok v sovkhozakh. Moskva, 10rld,11t-1y, 1966. 190 p.
- PAPSHUOV, S.KH. [Role of Soviet labor law in the defense of socialist property] Rol' sovetskogo trudovogo prava v okhrane sotsialisticheskoi sobstvennosti. Cherkesk, Stavropol'skoe knizhnoe izd-vo, 1965.
 79 p.
 (CSI-H)
- [PEOPLE'S CONTROL, a textbook for students of people's universities and faculties of people's controllers] Narodnyl kontrol', uchebnee posoble dila slushatolei narodnykh universitetov, fakul'tetov narodnykh kontrolerev. [Moskva, Znanic, 1966] 159 p. (Narodnyl universitet Fakul'tet pravoyykh znani, nos.11/12)
- PETROV, V.V. [Statute of the agricultural artel and modern collective farm laws] Ustav sel'skokhozlafstvennom arteli i sovremennoe zakonodatel'stvo o kolkhozakis. [Kazan'] Izd-ve Kazanskogo univ., 1966. 220 p.
- POLAND. Laws, statutes, etc. [Civil code of the Poltish People's Republic. The law of April 23, 1864. Translated from Polish] Grazhdanskii kodeks Pol'skol Narodnoi Respubliki Zakon ot 23 aprella 1864 goda. Pod red I.A.Gringol'tsa, Moskva, Progress, 1866. 373 p
- ROZENBERG, M.G. [Legal regulation of relations between the all-Union corporations of foreign trade and the Soviet organizations which order imported goods] Plavovce regulinovanie otnoshenii mezhdu vsesoiuznymi vneshnetorgovymi ob'edmeniiami i sovetskimi organizatslimi – zakazehikami importnykh tovarov. Moskva, IMO, 1966—114 p
- RUSSIA (U.S.S.R.) Upravlenie podgolovki kadrov schetnykh rabotnikov. [Basic principles of collective farm law, the program, methodological advice, and supplements to the instructional filterature. For correspondence students of courses for raising the qualifications of accountants and chief (senior) accountants of collective farms [Osnovy kolkhoznogo prava, programma, metodicheskie ukazaniia i dopolneniia k uchebnol literature. Dila uchashchikhsia zaochnyk kursov povysheniia kvalifikatsii bukhgalterov i glavnykh (atarshirh) bukhgalterov kolkhozov. Moskva, Statistika, 1965.
- SHARDYKO, S.T., ed. [Commentaries to the Criminal Code of the White Russian S.S.R.] Kommentarii k ugolovnomu kodeksu Belorusskoi SSR. [By] I.I.Gorelik i dr. Minsk, Belarus', 1988. 459 p.
- SHCHEPAKIN, D.M. [Public order is in the hands of the people] Obstacestvennyl portadok - v rukakh naroda, Tuln, Priokskoe knizhnoe izd-vo, 1965, 101 p. (MH-L)
- SKRIPKO, E. IA. [Protecting the rights of efficiency engineers] Oktirana pray rateionalizatorov. Minsk, Nauka 1 tekhnika, 1988, 214 p.

- TAJIK S.S.R. <u>Laws, statutes, etc.</u> [Statute on elections to province, district, city, village, and settlement soviets of workers' deputies in the Tajik S.S.R.] Tozhikiston SSR mekimatkashlar deputatian ining oblast' raton, shakkar, kishlok va poselka sovetlar iga sallorlar tugrisida nizom. Tozhikiston SSR Olli Soveti Prezidlumining 1956 ili 5 oktabrdagi far moni bilan tasilklangan. Dushanbe, h fon, 1964—27 p. [In Uzbek]
- VABMAN, E., and U. SMIRNOV. [Laws on administrative responsibility, questions and answer #]. Zakonod tel'stvo ob administrativnoi otvertyvennosti, otvety havoprosy. Kishinev, Kartia Moldoveniaske, 1966. 99 p. (Nasha iurkicheskata konsultatsija).

8. EDUCATION

AFANAS'EV, V. F., and I. M. BRIUKHANOV. [Yakutsk State University, handbook for admission] IAkutskii gosudarstvennyi universitet, spravochnik dita portupilushchikh. IAkutsk, IAkutskoe knizhnoe izd-vo, 1985-59 n.

[MICROFILM]

- AGRANOVSKII, M.A. [Skiing] Lyzhnyi sport. 2, i/d. ispr.l dop. Moskva, Fi/kul'tura i sport, 1966. 220 p.
- AKADEMIA NAUK TADZHIKSKOI SSR. TSentral urta nauchmala biblioteka. Zarif Sharipovich Radzhabov Vetup statin G.E. Beliakova i S D Gubar i Bibliografia sost. N.G.Sheherbakovoi Dustambe, Donlah, 1966–58 p (Materialy k biobibliografii uchenykh Tadzhikistana, no. 11)
- BURMISTROVA, N. N. [Pedagogical work with the 5k k child] Pedagogicheskafa rabota s bol'nym 1 ebenkom, Moskva, Meditsha, 1984, 157 p. (DNLM)
- [CHAMPIONS ARE NOT BORN] Chempionarri no 10zhdaiutsia | Lihevsk, "Udmurtila," 1965 | 78 p
- CHECHEIBAEV, SURAKMAT. [Pedagogical education in the Kirghiz S.S.R., 1955-1964] Pedagogichesikor obnazovanie v Kirgizskoi SSR (1955-1904 gg) Post red. K K Karakeeva. [n p., Mektep, 1995] 134 p.
- [FIGHTERS OF THE IDEOLOGICAL FRONT, sketchen of the educators of the new man] Boftsy ideologic hoskogo fronta, oche ki o vospitatellakh novogo chroloveka, Tula, Priokskoe knizhnee izd-vo, 1964, 205 p., (CSt-H)
- FILATOV, LEV. Khokkei Hockey. [Moskva, 174-vo Agentstva pechati Novosti, 1966] 91 p. [Parallel texts in Russian and English]
- GORGIEV, T.B., and V.F.RUDENKO. [The hesterling of the black king] Osada chernogo korolin. Duepropetrovsk, Duepropetrovskoe knizimoe izd-vo, 1968. 131 p. (OCI)
- IADESHKO, V.I. [Development of speech in children from 3-5 years, formation of sentences in children's speech] Razvitle rechi detei of trekh do piati let, oformirovanii prediozhenii v rechi detet. Moskva, Prosveshchenie, 1966. 84 p.
- INOIATOV, N.SH. (Struggle of the Communist Party for the training and education of teaching personnel in Uzbekistan, 1921-1925) Borba Kommunistichushof partii za podgotovku i vospitanie uchitel*skikh kadi ov v Uzbekistane, 1921-1925 gg. Tashkent, Nauka, 1965. 31 p. (CSt-H)
- [KNIGHTS OF THE "QUEEN"] Rytsarl "korolevy." Moskya, Sov. Rossita, 1966. 134 p.
- KRUTETSKI, V.A., ed. [Problems of the psychology of the abilities of schoolchildren] Voprosy psikhologii sposobnostei sikol'nikov. Moskva, Prosveshchenie, 1964. 258 p. (NIC)
- LANDA, L.N. [Algorithms and programmed instruction, some problems of theory and methodology in programment, ming. Materials for the 4th All-Russian Conference on Programmed instruction and Use of Technical Teaching Aids] Algoritmy i programmirovannoe obuschenie, nekotorye voprosy teorii i metodiki programmirovannania, Material k.IV-I vserossiiskoi konfoi cutsii po programmirovannomu obuchenitu i primonentiu teknincheskikh sredstv. Moskva, RSFSR Pedagog. ob-vo.TSentr.Sovet, 1965. 52 p. [MICROFILM]

- MAMONTOV, I.S. [Factory and plant local committees and the communist education of the workers] FZMK i kommunistic beskee vespitanie trudiashchikhsia [Moskva] Profizdat, 1965, 94 p. (Bibliotechka profesiurnogo aktivista, no. 3(99)) / (Mil)
- MISNIK, O.I. [Those who start life] Vstupaiushchle v zhizut. Dnepropetrovsk, Promint, 1966 60 p.
- MOSKOVSKH GORODSKOI INSTITUT USOVERSHENSTVO-VANHA UCHITELEI. [Planning of the work in mathemaths in the 5th-6th grades, methodological instructions] O plantrovanit raboty po matematike v V-VI klassakh, metodicheskie ukazanita Moskva, 1966 67 p
- MCSKOVSKII GORODSKOI INSTITUT USOVERSHENSTVO-VANIIA UCHITELEI [Planning of the work in mathematics to the 7th-8th grades; methodological instructions] O planirovanii raboty po matematike v VII-VIII klassakh, metodicheskie ukazanii. Moskva, 1966 97 p
- NASTIUKOV, G.A. [An evening of duncing] Vecher tantsa [Moskya] Profizdat, 1965—291 p (KU)
- OCHAKOVSKAIA, L.S. (Conversation on a touchy theme] Bazgovor na ostrulu temu. Moskva, Znanie, 1966 76 p (Narodnyi universitet: Pedagogicheskii lakul'tet, no.10)
- ROZHDESTVENSKII, N.S. [Methodology of teaching elementary Russian, for faculties preparing primary school teachers in the pedagogical institutes] Metodika nachal'nogo obuchentia russkomu iazyku, dita fakul'tetoy pedagotoyki uchifelei nachal'noi shkoly pedagogichesklich institutov. Moskva, Prosveshchenie, 1965. 340 p. (NeU)
- RUSSIA (U.S.S.R.). Upraviente prepodavanila obshchestyennykh nauk. [Recommended subjects for test papers on scientific communism for correspondence schools of higher education, correspondence faculties and departments of universities.] Primernala tematika kontrollnykh rabot po kursu nauchnogo kommunizma dila raochnykh vysshikh uchebnykh zavedenil, zaochnykh fakul totov i otdelenii vuzov. Moskva, Mysl', 1986. 30 p.
- SHORIN, N.S. [Golden floece; from a hunter's notebook] Pustinkt - zolotinkt; iz bioknota okhotnika, [Arostavi', Verkine-Volzhskoe knizhnoe izd-vo, 1966, 08 p
- SOIUZ SPORTIVNYKH OBSHCHESTV I ORGANIZATII SSSR. TSentrat'nyi sovet. [Volleyball; competition rutes] Volcibol; pravila sorevnovanti. Moskva, Fizkul'una i sport, 1966. 42 p.
- SOMOV, A. [Crosswords, puzzles, cryptograms] Krossvordy, golovolomki, kriptogrammy. IAroslval', Verkime-Volzhskog knizhnog izd-vo, 1966. 86 p.
- SUNA, HARLIS. [Latvian 1 ound dances] Latvicau 1 otalas un 1 otaldejas. [Riga] Zinatuo [1966] 658 p. [In Latvian]
- USISHCHEVA, TS.L. [Physical education of adolescents] Fizicheskoe vospitanie podrostkov. Moskva, Meditsha, 1966. 42 p. (Nauchno-populia) raja meditsinskala literatura)
- UUSKULA, HANS. [Propagandists and the palaces of political education] Propagandist ja political idusmaja. Talliun, Eesti Raamat, 1966. 127 p. [In Estonian]
- VASIL'KOV, G.A. [Gymnastics for children of the younger school age, collection of general exercises for school and home. A manual for teachers of the first to fourth grades and for parents! Ghmnastika dlin detei mindshego shkol'nogo vozzasta, sbornik obshcherazvivalushchikh uprazhnenii dlin zaniati v shkole i doma. Posobio dlia uchitelei I-IV klassov i roditelei. Moskva, Prosveshchenie, 1966. 140 p.

9. MUSIC, THEATER & MOTION PICTURES

- BAZHANOV, N.D. [Rachmaninoff] Rakhmaninov. Moskya, Molodaia gvardiia, 1960. 349 p. (Zhizn' zamechatol'nykh liudoi: seriia biografii, no. 19(356))
- BELZA, I.F. [Mozait; for the 200th anniversary of his birth] Motsart, k 200-lettlu so dnia rozhdeniia [n.p., Tip. Biblioteki im. Lenina, 1956] 23 p. (Vpomoshch' slushateliam kontsertov) (CaOTU)

- CHAIKOVSKII, P.I. [Complete collected works] Polnoe sobranie socificatii. Moskva, Muzyka.

 Vol. II. [Literary works and correspondence]

 Literaturnye profesedeniia i perepiska, Tom podgotovien K. IU. Davydovoi i G. I. Labutinoi, 1966. 358 p.
- [COMPOSERS' UNION OF AZERBAIJAN] Soiuz kompozitorov Azerbaidzhana. Baku, Azerbaidzhanskoe gos. izd-vo, 1985 122 p
- EFENDIEV, A.M., and A.A.OBUKHOVICH [The lezgm-ka ahı cad, travel notes] Lezginka za rubezhom, putevye zametki Makhaclıkala, Dagestanskoe kalzhnoe izd-vo, 1964 54 p (MH)
- GRINER, V.A. [Rhythm in the art of an actor, methodological textbook for theatrical, cultural, educational schools] Ritm v lskussive aktera, metodicheskoe posobie dlia teatral nykh i kul'turno-prosvetitel nykh uchilishch, Moskva, Prosveshchenie, 1966, 154 p.
- GUSIN, I. L. [Evgenii Karlovich Tikotskii, a sketch of his life and work] Evgenii Karlovich Tikotskii, ochetk zhizni i tvorchestva. Leningrad, Muzyka, 1965. 89 p (NIC)
- [100 BALLET LIBRETTOS] 100 baletnykh libretto Moskva, Muzyka, 1966 303 p.
- IWASAKI, AKIRA. [History of Japanese motion pictures. Translated from Japanese] Istoriia iaponskogo kine, Moskva, Progress, 1966. 319 p. Illus.
- KHANOV, B.P., and S.I. VOSKRESENSKII [Practical guide to instrumentation for popular concert orchestras and ensembles] Prakticheskoe rukovodstvo po instrumentovke dila estradnykh orkestrov i ansamblei Izd.2 Moskva, Muzyka, 1966 218 p.
- KORDIANI, B. F., and L. MEL'NICHUK-LUCHKO. [Lvov State Ukrainlan Drama Theater named after M. Zan'-kovets'kala and decorated with the order of the Labor Red Bauner] L'vluckyl derzhavnyl ordena Trudovoko Chervonogo Prapora ukrains'kyl dramatychnyl teatr Imeni M. Zan'kovets'kol. Kyiv, Mystetstvo, 1905. 97 p. (CaOTU)
- KOZENKRANIUS, I., and V.TOBRO. [Cinema art of Sovict Estonia] Kino-Iskusatvo Sovetskoi Estonii, Moskva, Soluz kinematografistov SSSR. Biuro propagandy sov. kino Iskusstva, 1966. 43 p. illus.
- KREMENSHTEN, B.L. [Training independence in students in a special piano class] Vospitante samostolatei*nosti uchashchegosia v klasse spetsial*nogo fortepiano. Moskva, Muzyka, 1986 118 p (V pomoshch* pedagogu-muzykantu)
- KREMNEY, B.G. [Schubert] Shubert. Moskva, Molodaia gyardila, 1964. 300 p. (Zhizn' zamechatel'nykh Hudel. Seriin biografii, 18(302))
- KUKARKIN, A.V. [The tenth muse or tenth victim? On the basic tendencies in present-day motion pictures of the West] Desiatnia muza ill desiatala zhertva? Ob osnovnykh tendentsital v sovremennom kino Zapada. Moskva, Znanie, 1966. 31 p. (Novoc v zbizni, nauke, tekhniko. VI Seriia: Literatura i iskusstvo, no.24)
- LEBEDEY, A.K., and A.V.SOLODOVNII mir Vasil'evich Stasov; his life and wo-Vasil'evich Stasov, zhizn' i tvorc 1986. 184 p.
- MARKOV, B.S. [Birth of the music vashia] Rozhdenie muzykal'nogo Cheboksary [Chuvashskoe knizhm 97 p. (MH)
- [MUSIC CALENDAR, 1967] Muzyka. god. Moskva, Muzyka, 1966. 35
- ORLOV, G.A. [Soviet Russian syn lems, achievements] Russkii se puti, problemy, dostizheniia | M 330 p.
- PAI, VENDA. [I would rather lose unustan. Tallinn, Eesti Raamat [In Estonian]
- [REINHOLD MORITSEVICH GLIÈRE tions, materials] Reingol'd Mor vospominantia, materialy. Mosi (CU)

- SEGEL', IAKOV. [IAkov Segel', his fitms and stories]
 IAkov Segel', ego fil'my i rasskazy [Moskva, Iskusstvo, 1966] 231 p illus.
- SHAPIRO, Z.S. [Discussions of a producer, school amateur theatricals] Besedy rezhissera, shkol'nyi samo-delatel'nyi teatr Moskva, Prosveshchenie, 1968.
- SHESTAKOV, V.P., comp. [Musical aesthetics of the West European Middle Ages and the Renaissance] Muzykal'nala estetika zapadnoevropelskogo Brednevekov'ia i Vozrozhdenia. Moskva, Muzyka, 1966 571 p. (Pamiainiki muzykal'no-esteticheskoi mysli)
- SINIAVER, L.S. [Life of Chopin] Zhizn' Shopena. Moskva, Muzyka, 1966. 146 p. (Shkol'naia biblioteka)
- STEFANOVYCH, M.P. Mykhailo Ivanovych Donets', Kylv, Mysietstvo, 1965. 39 p, (CaOTU)
- STETSENKO, K.H. [Collected works in five volumes] Zibrannia tvoriv u p'iaty tomakh Kyiv, Mystetstvo Vols. 1, 3-5 1984-1986. 4 v.
- STREKALOV, V.V., comp stve E.A. IAuson-Manizer Soviet ballet in the work of Eyanson-Manizer. [Leningrad, Khudozhnik RSFSR, 1965] 129 p 100 plates [In French, Russian and English] (MH)
- SUMAROKOV, A. A. [Through the eyes of an actor] Glazamt aktera. [Izd. dop. 1 perer] Klev, Mystetstvo, 1966, 309 p. (CII)
- [UKRAINIAN FOLK SONGS] Ukrains'ki narodni pisni, Kyiv, Mystetstvo, No. 4, 1965, 282 p.
- USTINOVA, T.A. [Preserve the beauty of Russian dancing] Berech' krasotu russkogo tantsa. [Moskva] Molodala gvardila, 1959. 111 p. (DGW)
- VARTANOV, A.S. [The most popular] Samoe massovoe. Moskva, Sovetskala Rossila, 1967. 116 p. (Bibliotechka "V pomosich' khudozhestvennoi samodetatel'nosti," no. 2)
- VASINA-GROSSMAN, V.A. [The romantic song of the 19th century] Romanticheskala pesnia XIX veka. Moskva, Muzyka, 1966. 104 p.
- VERNERS, ARTURS. [Road of the song, life and work of Janis Ozolins] Dziesmas cels, Jana Ozolina dzive un dailrade. Riga, Liesma, 1988. 176 p. [in Latvian]
- VIKHIREY, N.A. [With a movie camera through life] S kinoapparatom po zhizni Moskva, Sovetskaia Rossila, 1966 237 p. ilius. (Rasskazy byvatykh liudei)
- [WHEN THE SONG DOES NOT END] Kogda pesnia ne konchaetsia Moskva, Sovetskala Rossiia, 1967. 107 p. (Bibliototka "V nomoshch' khudozhestvennol samodelatel'nosti," no. 1)

- BARTENEY, I.A. [Kindergartens, schools] Detskle sady, shkoly. Leningrad, Khadozhnik RSFSR, 1966, 63 p. (Detei okrazhvet islusstvo)
- [...BIRTH OF (ITIES] ...I voznikajut goroda, Moskva, Sov.Rossija, 1967. 119 p. 11108.
- BRETANFISKII, L.S. [Azerbaljani architecture of the 12th-15th centru ies and its role in the architecture of the Near East] Zodehestvo Azerbaldzlam XII-XV w i ego mesto v arkhitekture Perednego Vostoka Mo-skva, Nauka, 1966 555 p illus.
- CHIZHIKOVA, E.N. Orest Adamovich Klptenskil. [Leningrad, Khudovinik RSFSR, 1965] 19 p. (Narodnała bibliotechka po iskusstvo)
- DFGAS, HILAIHE GERMAIN EDGAR [Degas, 1834-1917] Dega, 1834-1917 Moskva, Sov.khudozhnik [1905] 36 p. ilius (Mastera mirovogo iskusstva)
- DUBROVIN, A.G. [Remarks about the beautiful, the aesthelic ideal, beauty and harmony in works of art] Zameth' o prekrasnom, esteticheskii ideal, hrasota i garmonila v khudozhestvannem proizvedenii. Moskva, Znanie, 1967. 30 p. (Rovne v zbizul, nauke, teknike. VI Seriia: Literatura, no.1)
- 18 On IANS, S.R. Rilklik Ebituse- ja Arkhitektuuri Komi-tee (Problems of the conomics of city planning in the Estanlan S.S.R.) Voprosy ekonomiki gradosti ottel'-siva v Fatonskot SSR, sbornik statel Tallian, Valgus, 1966 58 р.
- FEKHNER, M. V. Kolomna. 2. izd., dop Moskva, Stroitzdat, 1966—147 p. (Arkhitektura gorodov SSSR)
- GCSUDARSTVFNNAIA TRET'IAKOVSKAIA GALEREIA. [Drawings, watercolors] Risunok, akvarel' Moskva, Sovetskii kludozhnik, 1966 21 p. 146 filus
- HINNOV, VIRVE. Paul Raud, 1865-1930. Tallian, Kunst, 1966. 125 p. illus. [In Estonam]
- [HISTORY OF UKRAINIAN ART IN SIX VOLUMES] 19torita datains bolo mystelistra v shesly lomakh Kylv, Bolovna red Ukrarid entsyklopedil. Vol 1 [Art of the ancient period and the time of Kievan Rust] Mystelistvo naidavnishykh chasir ta epokhi Kylvs'koi Rust. 1986. 450 p
- KAZIEV, A. III. [Artistic and technical materials and terminology of medieval book painting, calligraphy, and book-cover art] Khudozhestvenno-tekhnicheskie sateria.v I terminologiia srednevekovol knizbnot zhivopist, kalligraffi i perepletnego iskuestva Baku, izd-ro Akad nauk Azerbaidzhanskol SSR, 1906 132 p.
- KURYLYCH, MYKHAHAO. [Lyov souvenits] L'vivs'ki suvenhy. [L'viv Kameniat, 1965] l v. (chiefly illus.)
- KUZ'MIN, N.V. [King Solomon's circle; pages from the past] Krug tsark Solomona, strantisy bylogo Izd.2.,dop Moskva, Sov.khudozhnik, 1966. 208 p
- LEBEDINSKII, B.I. Baikal. Irkutsk [Vostochno-Sibir-skocknizhnoc izd-vo] 1966. [1] p 24 plates [Text in English French and German Insert]

1

- PURINA, I.N. [St. Petersburg Artel of Artists] Peter-burgskala Artel khudozhnikov, Lenmyrad, Khudozh-nik RSFSR, 1966, 77 p. illus,
- SHANDOR, L.Z. [Emil' Hisbovs'kyl, a sketch of his life and work] Emil' Hisbovs'kyl, narys pro zhyttia i tvorchist'. Kylv, Derzhayd-vo obazzotvorchoho mystelstva i muzychnoi lit-ry URSR, 1982. 30 p. (CaOTII)
- SHCHEDRIN, S. F. Sil'vestr Foodosievich Shchedrin, 1791-1830. Moskva, Sovetskii khudozhnik (1965) 9 p. 42 plates. (MIII)
- SITNINA, M.K. [Seasons of the year, Russian landscape painting] Viemena goda, russkala pelzazhnala zhivo-pis', Moskva, Iskusstvo, 1966. 35 p. illus., plates, (NIC)
- TIKHOMIROV, A. N. [Gustave Combet] Giustav Kurbe, [Moskva, Iskussivo, 1905] 190 p. tilus, (MH)
- TROFIMOV, P.S. [Lenin's party spirit and realism in art, historical and theoretical sketches] Leninskala partimost' i realizm v iskussive, istoriko-teoreticheskie etiudy Moskva, Sov khudozhnik, 1966 203 p
- UKRAINE, Gosudat stvennyl komitet po delam stroitel'-stva. [An aid to the planner] V pomoshch' prockli ov-shchiku. Kiev, Budtvel'nyk Vols. I-2. 1986, 2 v.
- UKRAINIAN ARTISTS ASSOCIATION IN U.S.A. [Mykola Kıychovs'kyl, an art exhibit] Mykola krychovs'kyl; mystets'ka vystayka. New York, Literaturno-mystets-kyl klub, 1905. [8] p. filus. [In Ukrainian and Eng-(NN)
- ZOBEL, RUN. [Tallinn town walls] Tallinna linnamuu Tallinn, Lesti Raamat, 1966—155 p illus [In Esto-

11. LANGUAGE, LITERATURE & FOLKLORE

- ABDRAKHMANOVA, TURSYNKHAN. [Thoughts of a poet, Razdum'la poeta. Alma-Ata, Zhazushy], 1965. 186 p. [In Kazakh] (MIII)
- ABRAMOV, J.V. [In the depth of the defenses, a novel]
 V glubine oborony; 1 oman [Moskva] Mosk.1 abochli, 1966 440 p.
- ADVEENKO, A.O. [Mountain spring, a tale] Goznata vesna, povest. Moskva, Gos. Izd-vo detskol Ht-1y, 1955, 183 p. (Novinki detskol literatury, no. 77) (QU)
- AGAIAN, E.B. [Grammar of Old Armentan] Gramma-tika drevnearmianskogo lazyka. Erevan, 1zd-vo Akad.nauk Armianskoi SSR. Vol.1. Pt.1. 1964. 1v. [In Armenian]
- AGRANOVSKII, A.A. [News reports from the future] Reportach iz budushchego. [Moskva, Gos. izd-vo detskol hit-ry, 1962] 476 p.
- AITIKEEV, TOKUSH. [In his own words, a poem] Oz sozu monon. Franze, McMep, 1964. 46 p. [In
- AKADEMIIA NAUK MOLDAVSKOI SSR. Institut iazyka i literatury. [Moldavian folklore; a chrestomathy] Folk-loi moldovenesk, krestomatsje. Kishineu, Kartin Moldoventaske, 1966. 334 p. [In Moldavian]
- AKADEMIIA NAUK SSSR. Dmitril Sergeevich Likhachev Vstup. stat'ia V.P. Adrianovol-Perets. Bibliografiia sost G.N. Finashinoi i M.A. Salminoi. Moskva, Nauka, 1986, 104 p. (Materialy k blobibliografii uchenykh SSSR. Sertia literatury i inzyka, no 7)
- AKADEMHA NAUK SSSR, Institut etnografii. [Contemporary Russian folklore] Sovremennyl russkii folklor, Moskva, Nauka, 1966. 254 p.
- AKADEMIIA NAUK SSSR. Institut mirovoi literatury.
 [Critical realism of the 20th century and modernism]
 Kriticheskii realizm XX veka i modernizm. Moskva, Nauka, 1967. 284 p.

- AKADEMIIA NAUK SSSR. <u>Institut mirovoi literatury.</u> [Old Russian literature and its relation to modern times] Drevierusskata literatura i ee sylazi is novym vremenem. Moskva, Nauka, 1967, 390 p. (19iledovanila i materialy po drevnerusskoi literature)
- ADEMIIA NAUK SSSR Institut min ovol literatura, [Works of Konstantin Fedin, articles, reports, decumentary materials, meetings with Fedin, bibliography] Tvorchestvo Konslantina Feding, statis, soobshchenia, dokumentalinye materialy, veli celi a Fedingm, bibliografia Moskva, Nauka, 1966 AKADEMIIA NAUK SSSR
- AKADEMIIA NAUK SSSR, Institut russkego tazyka, [Dictionary of the Old Russian language of the IIII-14th intendary of the Old aussian language of the fin-Time centuries, introduction, instructions, list; of sources, articles with examples) Slovan' drevnerusskogo lazyka XI-XIV vv., vvedenle, instruktsiia, spisok istochnikov, probaye stat'l. Podred, R.I. Avanesova. Moskva, Nauka, 1966. 301 p.
- AKADEMIIA NAUK SSSR, Institut russkogo tazyka, [Orthography and the Russtan language] Ortfografitu i russkit lazyk Moskva, Nauka, 1966, 132 p.
- AKADEMIIA PEDAGOGICHESKIKII NAUK RSI-SR [Creative compositions in senior grades, on literary themes] Two cheskic sochimentia v starshikh klassikh; na literaturnye temy Pod red N.V Kolokol'tseva Moskva, Prosveshchenie, 1966—164 p
- AKHMATOVA, A.A. [The flight of time, verse, 1990-1965] Beg vrement, stikholvorenita, 1909-1965. [Leningrad, Sov.plsatel', 1968] 168 p. (MIU) (PPH)
- AKIMOV, MIKHAIL. [Untimely death, dramas. Bervie-mennala smert', dramy. Cheboksary, Chuvashkei-goizdat] 1966. 79 p. [In Chuvash] (Mil)
- ALEKSEEV, M. N. [Soldiers, a novel] Soldaty, romain. Moskva, Voenizdat, 1967. 630 p. (Sovetskill voennyt
- ALEKSEEV, O.A. [Little boll, verse] Gremok, atlkht. Moskva, Sovetskii pisatel', 1966. 99 p. (MH)
- ALGA, A.E. [Life and death, stories and takes] Parmappa vilem, kalaysempe povessem. Shupashkar, Chavash ASSR keneke izdatel'styi, 1966. 279 p. [In Chavash]
- ALGAZINA, N.N. [Preventing spelling errors among state-dents of grades 5-8, a textbook for the teacher] Preshi-prezhdente or fograficheskikh oshibok uchashichikhsla V-VIII klassov, posoble dila uchitella. Moskva, Pro-sveshchenic, 1965. 279 p. (CIY)
- ALIEVA, FAZU. [Fate, a tale. Translated from the Avar] Sud'ba, povest'. Moskva, Sovetskii pinatel', 1966. 214 p. (MH)
- ALVER, BETTI. [Starty hom, a collection of versa and poems] Tahetund, valik luniciusi ja posemic. Tallinn, Eesti Raamat, 1966. 229 p. [In Estonian]
- AMONOV, R. [Oral folk literature of Kulyab. Ustmoe narodnoe tvorchestvo Kuliaba, Izd. 2., ispr. 1 dop. Dushanbe, Tadzhikgosizdal] 1963 250 p. [in Tajik]
- AMONOV, R., comp. [Riddles] Chistonkho, Stalinobad, Nashrieti davlatii Tochikiston, 1958, 132 p. [In
- ANASTAS'EV, A.N. [Viktor Rozov, a sketch of his wolk] Viktor Rozov, ocherk tvorchestva. Moskva, Sov. pisatel', 1966. 245 p. (Cty) (lnu)
- ANDRIANOV, F.K. [Ask your conscience; a tale] Spi Osil svolu sovest', povest', Saransk, Mordovskoe knizhuce izd-vo, 1965, 196 p.
 (MH)
- ANDRONOV, M.S. [Grammar of the Tamil lunguage] Grammatika tamil'skogo lazyka, Moskva, Nauka, 1966, 269 p.
- ANNIST, AUGUST, comp. [Mari, singer of folk songs; heroic poetry from the time of seridom] Laulucina Mari; kangolaslugu vanast oi jaajast. Rahvaparinus— test poiminud August Annist. Tallinn, Eesti Raannit, 1966, 84 p. [in Estonian]

- ARKHANGEL'SKII, V. L. [Set phrases in modern Russian, principles of the theory of het phrases, and problems of general phraseology] Ustoichwyc frazy v sovi emeniom russkom lazyke, osnovy teorif ustolchl-vykh (raz i problemy obshchei (razeologii, [Rostoyna-Donul Izd-vo Rostovsi spouniversiteta, 1964. 111 p. (MiU)
- ARTYKBAFV, K., and A. TABALDIEV. [Appearance of heroes] Baatyrlar symbaty. . 1982e, Mektep, 1965. 138 p. [In Klightz]
- [ARVIDS GRIGULIS, his life and work] Arvids Grigulis, drive on darbs Riga, Elesma, 1986 78 p (chiefly illus) [In Latvian]
- AZBUKIN, B. P. [Sevastopol nights, a tale] Sevastopol'-skle nocht, povest'. Simferopol', Krymizdat, 1991. 310 p. (Dila detel starshego shkol'nogo vezrasta) (IU)
- BADMAEV, B.B. [Grammar of the Kalmyk language, mon phology] Grammatika kalmytskogo lavyka, morfo-logila, Otv.red. B.K. Pashkov, Elista, Kalmytskoc kalahmoc izd-vo, 1966, 112 p.
- BAKLANOV, G.IA. [July of 1941, a novel] IUP 41 goda, roman. Moskva, Sovetskii pisatel*, 1995. 200 p. (PPII)
- [BALLAD OF THE HEART] Balada inimii [Kishineu] Kartia Moldoveniasko, 1966-61 p. [In Moldavian]
- BANARU, G. [The pensants] TSeranil, Editsiin a doua. Kishineu, Kartia Moktovenlaske, 1986. 196 p. [In Moldaviun]
- BARANOV, M.T. [Work with orthographical errors in grades 5-8, from a teacher's practice] Rabota and orfograficheskimi oshybkami v V-VII klassakh, iz upyta uchitel'a. Pod red. G.P. Firsova, Moskva, 1zd-vo Akademii pedagog, nauk RSFSR, 1962. 46 p. (Pedagogic beskle chtenia) (ICarbS)
- BARSKII, L.M. [Sources; tales. Rodnikl, povesti, Kishinev] Kartia Moldoveniaske, 1965. 173 p. [In Moldaylan
- BARUZDIN, S.A. [Your filends are my commades, verse, stories, tales] Twoich uz'la moitovarishchi, stikhi, i asskazy, povesti. Moskva, Detskaja lit-ra, 1966
- BEBRIS, L.IA., and L.A.LIUBIMOVA. [Russian language, a textbook for the second grade with Latvian as the Language of instruction] Russkil layk, uchebnik dila II klassa s lalyshskim Laykon obuchculta. Riga, Latvilskoe gos. Izd-vo, 1965. 213 p. illus. (Insert)
- BELOV, R.P. [The sea will love you] More tebia pollu-bit. [Perm'] Permskoe knizhnee izd-vo, 1965. 41 p. (Rasshazy o sovetskikh Hudlakh)
- BERKOVA, N., and E. SIMONOV, eds. [Stars above the mountain pass] Zvezdy nad perovalom. [Moskva, Fl&ul'tura i sport, 1964] 272 p.
- BESHLAGE, V. [Flight through the night; a novel]
 Zhor frynt, roman [n p.] Lumina, 1969 310 p
- BILETS'KYI-NOSENKO, P.P. [Dictionary of the Ukrain-Ian language] Slovnyk ukrains'koi movy. Pidhotuvav do vydannia V.V.Nimelnuk. Kyiv, Naukova dumka, 1966. 421 p. (Pam'iatky ukrains'koi movy)
- BLINOV, A.D. [One does not seek one's happiness alone, a novel] Schast'ia ne ishchut v odinochku, toman. Mo-skva, Sovetskii pisatel', 1980, 326 p. (Mil)
- BOGDANOV, E.F. [When the grass fades; stories] Kog-da ottsvelalut travy; rasskazy. [Arkhangel'sk, Savero-Zapadnoe knizhnoe izd-vo, 1980] 145 p.
- BORISOV, B.A. [I shall endure everything] IA vse vynesu. Moskva, Zmanie, 1966. 94 p.
- BOROVIKOV, G.F. [Dederkoy] Dederkol. Saratov, Pri-volzhskoe knizhnoe izd-vo, 1966, 119 p.
- BOTSU, PAVEL. [Continents, verse] Kontinente, versur'. Kishineu, Kartia Moldoveniaske, 1966, 194 p. [In Moldavian]

- BRATAN, M. I. [A rainbow for people, lyrics] Veselku -liudiam, liryka Odesa, Maiak, 1966 98 p
- BRAZHE, T.G. [Problems of the teaching of literature in grades 5-8 of the eyening (shift) school] Voprosy prepodayantia literatury v V-VIII Plassakh vechernei (surennoi) shkolv. Moskva, Prosve achenie, 1965.
- BRONFMAN, I. L. [The snowdt op., voi se] Podsnezhnik, stikhi. [Khabai ovsk) Khabai ovskoe knizhnoe izd-vo, 1965 71 p

(MICROFILM)

- EUHAEU, DZMITRYI, [Uladzimir Dubouka, critical and biographical sketch] Uladzimir Dubouka, krytyka-bliagrafichny marys, [Minsk] Belarus! [1965] 183 p. (CiY)
- BUHAIKO, T. F. F. BUHAIKO, and P.D. MYSNYK. [Soviet Uki ainian literature, handbook for the 10th grade of the secondary school] Ukrains'ka radians'ka literatura, Adruchnya dlia 10 klasu seredn'oi shkoly 6 vyd., zminene i dop. Kyiv, Radians'ka shkola, 1966. 407 p. (NN)
- BUKOV, EMILIAN Andriesh. Editsie revezute shi komptektate. [Kishineu] Kartia Moldoveniaske, 1966 109 p [In Moldavian]
- BUKOV, EMILIAN. [My Vietnami] Vietnamil meu! [Kishtheu] Lumina, 1966. 57 p. [In Moldavian]
- BUKOV, EMILIAN. (Verse) Versur'. Kishineu, Kartia Moldoveniaske, 1966. 151 p. (Kolel Islia "Aurora") In Moldavian
- BURGIU, IAKOB [The sun on a crutch, a tale] Scare yn kyrzhe, povestn', Kishincu, Kar'ia Moldoveniaske, 1960 73 p. [In Moldavian]
- CHABANIVS'KYI, M.1. [The read home, a tale] Dorela dodomu; povist' Kyiv, Molod', 1966 249 p.
- CHAIKOVS'KYI, A. IA. [Oliun'ha, tales and stories]
 Oliun'ka, povistl la opovidamila. L'viv, Kameniar,
 1966. 669 p. (CnOTU) (MH) (NN)
- [CHASTUSHKI] Chine zhoake shi nu strige, strigetur' populare moldovene sht'. Kishineu, Lumina, 1936. 210 p. [In Moldavian]
- CHAUSKI, M., comp. [Speaking frankly, a collection of humor and satire] Razmova pa shchyrastel, zbornik humarn i satyry. Minsk, Dzlarzh.vyd-va BSSR, 1954. 180 p. (CLU)
- CHELNOKOV, A.I. [Echoes of home, verse] Rodnye otgoloski, stillhi. Moskva, Sovetskii pisateli, 1965. (NIC)
- CHEPIZHNYI, A. K. [Gagai, a novel] Gagat, roman. Donotsk, Izd-vo "Donbass," 1965, 202 ρ. (IEN)
- CHEREPANOVA, N.M. [The cross' approach] Kiestovyi podkhod. Cheboksary, Chuvashskoe kaizhace izd-vo, 1966. 61 p.
- CHERIN', HANNA. [Come with me, reports] Id'mo zi mnolu, reportarhi. Buenos Aires, Vyd-vo IU. Sere-dinka, 1965. 235 p. (CoU)
- CHERNIAVS'KYI, M. A. [So the sky would not fall, lyrics]
 Chtob neb ne padalo, lirika, Moskva, Sov. pisatel', 1966, 88 p.
- CHERNYSHEV, I.P. [Reliability coefficient] Koeffitsient madezhnosti, [Leningrad] Lenizdat, 1966 182 p.
- [COMING FROM THE HEART] Resei it din inime; kule-zhere de skitse shi poezii. Kishinee, Kartia Moldo-venlaske, 1966. 61 p. [In Moldavlan]
- CREANGA, ION. [Fairy tales, childhood reminiscences, storics. Translated from Rumanian] Skazki, vospomi-nantia detsiva, rasskazy. [Kishinev, Lumina, 1986.] 321 p.
- DAMANHURI, HAMID. [Love and duty; a novel. Trans-lated from Arabic] Llubov' i dolg, roman. Moskva, Progress, 1986. 110 p.

- DAMUAN, LIVIU [Roots Translated from Moldavian] Korni, Kishinev, Kartia Moldovemaske, 1966-111 p.
- DANGULOV, S.A. [Diplomats, a novel (conclusion)] Di-plomaty, roman (okonclunie) Moskva, Khudozh lit-ia, 1967 102 p (Rotnan-gazeta, no 2(374))
- DARIENKO, PETRIA, [Verse, Stikhi, Kishinev, Ka Moldovenlaske] 1965, 160 p. (Serita Avrora) [In Moldavian] (MH)
- DAVYDYCHEV, L.I. [The old man and his greatest love] Statik i ego samaia bul'shaia llubov'. [Perm'] Permshoe knizhnoe izd-vo, 1965. 3i p.
- [A DAY OF WORK IS A HAPPY ONE, in over by and sayings of the peoples of the U.S.S.R. about labor! Den' nabotol vosel, poslovitsy i pogovolki narodov SSSR o trude [Izd 2.] Moskva, Deiskak lit-ra, 1966 30 p (Shkol na ia biblioteka)
- DEMCHENKO, V.G. [Romance] Romantika. Uzhgorod, Lzd-vo Karpaty, 1986. 57 p. (MH)
- DEMIN, M.E. [The village path, stories. Blindness, a tale] Mirskala tropa, rosskazy. [Slepota] povest', [Moskva, Sovetskli pisatel', 1960] 168 p.
- DEVEKIN, V.N. [Etich Weinert, a critical and biographi-cal sketch] Erikh Valnert, kritiko-biograficheskil ocherk, Moskva, Khudozh, lit-ra, 1965. 149 p.
- DMITRIEV, N.K., ed. [Turkish folk tales. Translated from Turkish] Turetskie narodnye skazki 2 izd. Moskva, Nauka, 1967. 478 p. (Skazki i mity narodov
- DOBRIAKOV, V.A. [Eleven blockheads; a tale and stories] Odinnadisat' bestoll ovykh, povest' i ras-slazy. Voronezh, TSenti al'no-Chernozemnoe knizh-noe izd-vo, 1966. 165 p.
- DOL'D-MYKHAILYK, IU. P. [I am the only wat rior in the field, a novel] I odin v pole voin, roman, Kiev, Radians'kyi pys'mennyk, 1965. 748 p. (NBC)
- DOROSHENKO, I.I. [Ivan Franko, literary critic] Ivan Franko literaturnyi krytyk. [L'viv] Vyd-vo L'viv-s'koho univ ,1966. 208 p.
- DOSTAL', A.E. The pines are rustling, a book of lyrics Sosny shumiat, kniga Hriki. Moskva, Sovetskii pisa-tel', 1961. 90 p.
- DOSTOEVSKII, F.M. [Brothers Karamazov; a novel in four parts with an epilogue] Braty Karamazovy, roman na chetyry chastyny z epilogom. Kytv, "Dnipro", 1965. 713 p. (OCIW)
- DOSTOEVSKII, F.M., [The idiot, a novel in four parts] Idiot, roman v chetyrekh chastlakh. Frunze, "Kyr-gyzstan," 1964. 688 p. (INS)
- DRUTSE, ION. [Leaves of sadness, a tale] Frunze de dor, povestire Kishineu, Lumina, 1966. 212 p. [In Moldavian]
- DYGASINSKI, ADOLF. [Margiela and Margielka, tales and stories. Translated from the Polish] Margelia i Margel'ka; povesti i rasskazy. Moskva, Gos.izd-vo kludozh.lit-ry, 1981. 501 p. (OU)
- EFIMENKO, V.M. [Wind of the gods, a novel] Veter bogov; roman. Moskva, Sovetskii pisatel', 1987 437 p.
- ELIOT, THOMAS STEARNS. [Murder in the cathedral, Supplement: The waste land. Ash Wednesday. Journey of the Magi. Translated from the English! Vbyvstvo u soborl. Dodatok: Spustoshena zemila. Velykopysna sereda. Podorozh tr'okh mudrelsiv. Munlch, Na horl, 1963. 104 p. illus, facsims. (Serila "Svitovyi tentr")
- EMEL'IANOV, A.T. [The song of friendship] Pesnia druzhby. [Moskva] Profizdat, 1966. 157 p. (IEN) (MH)

- EMEL'IANOV, N.V., comp. [Collection of Yakut provenbs and sayings] Sbornik lakutsi iph poslovits i pogovorok. IAkutsi, IAkutskoe knizhnoe izd-vo, 1985. 245 p. [In Yakut and Russian]
- ERISTOV, GEORGII. [The boat, third book of verse, 1956-1965] Lad'ri, tretha kniga stikhov 1956-1965 Paris, 1966, 59 p. (MH)
- ERMOLENKO, I.N. [A collection of excreises in the phonetics of the Russian language, a textbook for foreign students of the philological faculty] Sbornik up azhnenil po fonethe russkogo fazyka, posoble dila studentov inostrantsev filologicheskogo fakulteta. Moskva [Univ.druzhby narodov] 1961. 38 p. (MIEM)
- [FAIRY TALE ABOUT IVAN THE TSAREVICH, THE THE BIRD AND THE GRAY WOLF] Skazka ob kane-tsareviche, Zhar-ptitse I o serom volke [Moskva] Goznaf, M-vn finansov SSSR [1965] 11 p
- FEDOROV, G.A. [When the dawn breaks., a novel] Kogda nastupael rassvet., roman. Syklyvkar, Koml knizhnoe izd-vo, 1986—469 p.
- FISH, R.G. [I am trawling] Idu s tralom. Moskva, Sovetskii pisatel', 1966. 230 p. (MSH)
- [FOLK SONGS IN THE NOTES OF IVAN FRANKO] Narodni pisni v zapysakh Ivana Franka L'viv, Kameniar, 1966. 426 p
- [FOR THE SAKE OF LIFE ON EARTH] Radi zhizh na zemle. [Magadun] Magadunskoe kaizhaoe izd-vo, 1963. 180 p. (NIC)
- FRANKO, IVAN. [Before you leap; a tale] Ne spytavshy brodu, povist' Kyiv, Naukova dumka, 1966 241 p
- FRENKEL', I.L. [I shall find you, verse and songs] IA naidu tebia, stikhi i pesni. Moskva, Khudozh. lit-ra, 1966. 227 p. (Mt)
- [FROM THE UNDERGROUND TO THE STARS; stories about Communists] Ot podpol'la do zvezd, rasevazy o kommunistakh. Moskva, Gos. izd-vo detskoi lit-ry, 1963, 493 p. (TxU)
- FURSOV, A. F. [Prisoners of three lares; a novel] Plemiki trokh ozer, roman. [Moskya, Molodata gvardita, 1986] 527 p. (MH)
- GADZHIEV, BULACH. [In the footsteps of M.10, Lormontov in Daghestan] Po sledam M.10, Lormontova v Dagestane, Makhachi ala, Daguchpedgiz, 1065, 109 p. (MH)
- GAI, M. I. [The glass envelope, stories] Stekliannyi konvert, rasskazy. Moskva, Detskaia lit-ra, 1967. 93 p.
- GANINA, M.A. [Stories] Rasskazy, Moskva, Sov. Rossila, 1966, 126 p. (Korotkie povesti i rasskazy) (MH)
- GEORGE, GEORGIU. [Facing the people; a tale] Poarte spre lume, povestir'. Kishincu, Kartia Moldoveniaske, 1966. 127 p. [In Moldavian]
- GEORGIEVSKAIA, S.M. [The tailor of special clothing; stories] Portnol osologo plat'ia; rasskazy [Moskva] Molodala gvardina, 1966 253 p. (NIC)
- GERASIMOVA, V.A. [The only night; stories] Edinstvennaia noch', rasskazy. Moskva, Pravda, 1966. 46 p. (Biblioteka 'Ogonet', no.21)
- GERSHKOVICH, 1U.L. [Summer only begins...; a tale] Leto tol'ko nachinaetsia...; povest'. Vladivostok, Dal'nevostochnoe knizhnoe izd-vo, 1965. 147 p. HENI (MC!)
- GIL'DINA, E.M. [Romain Rolland and world culture] Romen Rollan i mirovala kul'tura. Riga, Zvalgzne, 1966. 208 p.
- GITOVICH, A.I. [Verse; winter messages to friends] Stikht; zimnie postaniła druz⁴iam. Moskva, Sovetskie pisatel^{*}, 1965. 162 p. (PPIII)

- GLAZKOV, N.I. [Roads and stats, verse] Dorogi i zvezdy; stikbi Moskva, Sovetskala Rossita, 1966 118 p {MH}
- GORDON, S.V. [Spring; a novel, tales, and stories Translated from Yiddish] Vesna; roman, povesti i rasskazy Moskva, Sovetskii pisatel! 1966 437 p
- GORIANOV, L.B. [Assembled fleet attacks, a tale about the men of the Black Sca Fleet] Atakuet sbornaia flota; povest o chemomonisakh. Moskva, Fizkul'iura i sport, 1966–150
- GORODISKII, N.A. [Thunderstorms over the camoniles] Grozy and romashrami [IAroslavi'] Verkhne-Volzhskoe izd-vo, 1966 119 p.
- GOZENPUD, A.N. [The Central Children's Theater, 1963-1964. Author's abstract of a disserlation for the degree of Candidate of the History of Arts]
 TSentral nyi detakit teatr (1963-1961 gg.). Avioreforat disserlatish as solskanie ackenoi stepeni kandidata 18kushivovedeniia. Moskva, 1965. 17 p.
 [MICROFILM]
- [A GREAT PATH, a repertory collection] Velikli put', repertual nyi sbornik. Moskva, iskusstvo, 1966-244 p. (Repertual khudozhestvennoj samodelatel'nosti, no 23)
- GRIGULIS, ARVIDS. [When 1ath and wind knock at the window; a documentary novel Translated from Latvian] Kogda dozhd' i veter stuchat v olno, dokumental'nyi roman. Riga, Liesuna, 1986 588 p
- GRUZDEV, A.5. [N.A. Nekrasov's poem "For whom life is good in Russla"] Poema N.A Nekrasova "Komu na Rusi zhit' khorosho " Moskya, Khudozh Ht-ra, 1966. 116 p.
- GUGUSHVIII, M. I. [Polemics around Rustaveli, 15th-18th centuries] Polemika vokrug Rustaveli (XV-XVIII vv.). Tbilisi, Metsniereba, 1966–191 p. [In Georgian]
- GUSEV, A. A., and I. M. ZHIGALOV. [Fresh winds, a novel] Sverhie velry, roman. Moskva, Voenizdat, 1967. 451 p.
- HALAN, IA.A. [Under the golden cagle] Pid zolotym orlom. Kyiv, Dnipro, 1966. 150 p.
- HARIACHA, S.A. [The complire is flaming, lyrics] Vatra palate, Hryka, Kylv, Rad. pys'mennyk, 1903. 85 p. films.
- BONCHAR, O. T. [Man and arms, Standard bearers] Chelovek i oruzhle. Znamenostsy, Moskva, Izvestiia, 1996, 705 p. (Biblioteka Piat'desiat let sovetskogo romana) (Mil)
- HORDHENKO, D. P. [Tynda; a novel, stories] Tynda, roman, opovidannia, Kyiv, Dnipro, 1966, 342 p.
- HUSHCHAK, I V [Under the sky's wing, poetry] Pld krylom nela, poezil. L'viv, Kameniar, 1966. 78 p
- INDRANE, ILZE. [Hat with chestnuts; a novel] Cepure ar kastaniem, comans. Riga, Liesma, 1968 404 p. [In Latvian]
- IOSELIANI, O.SH [Along the read from the mill; stories Translated from Georgian] Po doroge s mel'nitsy; rasskazy. Tbilisi, Literatura da Khelovneba [1986] 245 p.
- ISAENKO, VITALII, and others. [Sincerity] Iskrennost. Murmansk, Murmanskoe knizhnoe izd-vo, 1965. 142 p. (IEN) (MH)
- ISBAKH, A.A. [Workmen, a novel-chronicle] Masterovye, roman-letopis'. [Moskva] Moskovskii rabochii, 1966. 342 p. (Mil)
- ISKANDER, F.A. [Forbidden fruit; stories] Zapretnyl plod, rasskazy. [Moskva, Molodaia gvardiia, 1966] 255 p. Illus. (Molodye pisatell) (MH)
- ISTRU, BOGDAN. [Verse] Versur'. Kishincu, Kartia Moldoveniaske, 1986. 193 p. (Kolektsila "Aurora") [In Moldavian]

- IVANENKO, O.D. [One's own childs en, a tale] Ridni dity, povist'. Kylv, Veselka, 1965. 209 p. (CaOTU)
- IVANOFF, IRAIDA. [Solitude] Odinochestvo. [Washington] Russkain kulga, 1965. 45 p. [Publ. under her pseud. Irlin Odoeviseva] (GEII)
- IVANOV, A.M. [Where Russia begins, verse] Otkuda nachinaetsia Rossiia, stikhi, IAroslavi', Verkhne-Volahskoe Enizhnoe izd-yo, 1906, 91 p. (MII)
- IZ''IUROV, I.V. [Burmont's ringlet; a modern falry tale for children. Translated from Komi] Kolechto Burmorta, sovremennata skazka dlla detoi. Syktyykar, Komi knizhnoe izd-vo, 1966 14 p
- IZMAILOV, V.A. [I am at home here] IA zdes' svoi. [Kemerovo, Kemerovskoe knizhnoe izd-vo, 1965] 103 p. (Kuzbass literaturnyi) (MH)
- KAARI, K., and H. PEEP. [On the literature of Soviet Estonia, Translated from the Estonian] O literature Sovetskoi Estonii. Tailinn, Eesti Raamat, 1965. 47 p. (Mii)
- KAIMOV, KASYM. [Delusion; a tale and stories] Adashuu, povest' zhana angemelor. Frunze, Kyrgyzmambas, 1957, 150 p. [In Kirghtz] (Int)
- KALMYKOV, IU.KH. [Compensation for damage done to property] Vozmoshchenie vreda, prichinennogo imushchestvu. [Saratov] Lzd-vo Saratovskogo univ , 1965. 70 p (CSI-H)
- KAMENKOVICH, I.I. [Song in the night, a tale and stories] Pesnia v nochi, povest' i rasskazy. Baku, Azerbaidzhanskoe gos. izd-vo, 1966. 95 p. (MH)
- KANNA, ION. [When the saints' tongues itch to speak]
 Kynd sfintsii se skape ku vorba Kishineu, Kartia
 Moldoveniaske, 1966. 65 p [In Moldavian]
- KAPITSA, P.I. [Years of parting, a novel] Gody razluk; 10man. [Leningrad] Lonizdat, 1966. 462 p. (IEN) (IU) (MH)
- KAVERN, V.A. [Two captains; a novel] Dva kapitana; roman [Moskva] Molodaka gvardika, 1966 763 p. (Tebe v dorogu, romantik)
- KERARE, PETRU. [Parodies. Parodii. Kishinev, Kartia Moldoveniaske, 1965] 122 p. [In Moldavian] (MH)
- KERIMOV, IBRAGIM. [Village girls] IUrtlu k''yzlar. [Makhachkala] Dagestanskoe knizhnoe izd-vo, 1058. [10] p. [In Kunyk] (LU)
- KESHOKOV, A.P. [Guests in my house, verse. Translated it om the Kabardian] U menin v gostiakh, stikhi. Moskva, Sovetskaia Rossiia. 1966. 213 p. (MH)
- KHATBULLAEV, S.M. [Folk sources of Avar poetry] Narodnye istoki avarskoi poezii. Makhachkala, Dagestanskoe knizhnoc izd-vo, 1966. 59 p
- KHARLAMP'EV, G.D. [A good morning; a tale] Heinle ir, poves. [Shupashkar, Chavash ASSR keneke izdatel'stvi. In Chuvash] Book 2. 1868 177 p.
- KHAVRONINA, S. [Speak Russian] Govorite po russki. 2. izd.ispr. Moskva, Progress [1966] 267 p. (CaOTU)
- KHIKMAT, KUDRAT. [The wind, the bogatyr; poems and verse. Translated from Uzbek] Veter-bogatyr'; poemy i stikhi. Tashkent, Esh gvardila, 1966. 124 p.
- KHILEBNIKOV, G.IA. [The Chuvash novel] Chuvashskii roman. Cheboksary, Chuvashskoe knizhnoe izd-vo, 1966 211 p.
- KHOROSNYTS'KA, M.V. [Symphony of love] Symfontia liubovi. L'viv, Kameniar, 1986, 61 p.
- KHRENKOV, D. T. [My friends, verse] Druz'ia mot stikhi. [Leningrad] Lenizdat, 1966, 165 p.

- KHUDASH, L.S. [Studying the works of Marko Vovchok in school] Vyvchennia tvorchosti Marka Vovchka v shkoli. Kyiv, Radians'ka shkola, 1964. 142 p. (CaOYU)
- Kalusainov, Sharif, [Dreams of love, Grezy liubvi, Kazan', Tatknigoizdat] 1965, 233 p. [in Tata1] (MH)
- KHUZIN, MAGSUM. [Stories | Khiketaler Kazan, Tatarstan kitap neshi itaty, 1966. 46 p [In Tatar]
- KIURCHAILY, ALIAGA, [I set out on a journey, IA otpravliatus' v put', Baku, Azerneshi], 1965, 2ll p. [In Azerbaijani] (MH)
- KLIMENKO, V. T.[...Next Wednesday; a tale]...V sredu na budushchel nedele, povest'. Simferopol', "Krym," 1966. 134 p.
- KLIPEL', V.I. [The wil's, adventures of the seekers of ginseng] Debil, prikliuchenita iskatelet zhen'shenia, [Khabarovskoe kuizhnoe izd-vo, 1965. (IEN) (NIC)
- KLYMENKO, M E. [The start of the harvesting, poems] Zazhnyv'ta, poezil. Kylv, Radians'kyl pys'mennyk, 1966. 118 p. (MH)
- KNIAZIAN, ARAPET, [The liberation struggle under the leadership of David-Bek, Osvoboditel'nala bor'l'a pod predvoditel'stvom David-Beka, Erevan, Armian-skog gos. izd-voj 1963, 161 p, [In Armonian]
- KOBIAKOV, D.IU. [Immortal gift, the story of words]
 Bessmerthyi dar, povest' o slovakh. [Barnaul]
 Altaiskoe knizhnoe izd-vo, 1965, 187 p.
- KOBRIN, IURII. [Line for the sky] Ochoredi za nebom. Vilnius, Vaga, 1966. 78 p.
- KOCHEVS'KYI, V.V. [Sunny cars, poetry] Schlachni vesla, poezli, Kharkiv, Prapor, 1965, 78 p. (Mil)
- KOGAN, P.D. [Verse, Reminiscences on the poet, Letters] Stikhi. Vospominaniia o poete, Pis'ma, Moskva, Moledaia gvardiia, 1966, 142 p.
- KOLESNIK, P. I. [Ivan Franko, a biographical sketch] Ivan Franko, biograficheskii ocherk. Kiev, Dnipro, 1966, 93 p.
- KOLESNIKOV, G. M. [Fishing season] Putina. Volgograd, Nizhne-Volzhskoe knizhnoe izd-vo, 1966. 41 p. (Pervaia knizhka poeta)
- KOLESNIKOVA, V.D. [Syntax of the Evenki language] Sintaksis evenkiiskogo lazyka. Moskva, Nauka, 1986.
- KOLOMIETS', O. F. [The Pharaohs] Faraony Kylv, Dolpro, 1966. 78 p. (Biblioteka dramaturga ta kinodramaturga)
- KOL'TSOV, A.V. [Verse] Stikhotvoreniia. Moskva, Khudozh, lit-ra, 1965. 118 p. (Narodnaja biblioteka) (MIDW)
- KONFERENTSIIA PO KINODRAMATURGII, 1965. [Materials of the Conference on Motion-Picture Playwriting] Materiaty. [Moskva] Soluz rabotnikov kinematografii SSSR, 1965. 142 p.
- KONSTANTINOVSKII, D. L. [Give me a ticket as a farevell present Podari mne na proshchan'e bilet. Novosibirsk, Zapadno-Sibirskoe knizimce izd-vo, 1965, 204 p.
- KORNIICHUK, OLEKSANDR. [Plays] P'esy. [Kyiv, Dnlpro, 1865] 548 p. (CaOTU)
- KOROSTYLEV, V.N. [The Warsaw alarm signal; a tragedy presentation in two parts] Varshavskii natat; trage-diinoe predstavlenie v dvukh chastlakh. Otv red. M.Mirlingof, Moskva, Otdel rasprostranenia drama-ticheskikh proizvedenii VUOAP, 1986. 67 1.

- KOROTAEV, V.V. [The world which Liove] Mir, keto-ryi liubliu [Arkhingel'sk] Severo-Zapadnoe knizh-noe ird-vo, 1965 78 p. (MIII)
- KOSTENKO, M. O. [Tasks of teaching Ukrainian literalure in the light of the decisions of the 22d Congress of the CPSU Zavdannia vykladannia uki ains'koi literatury v svilit rishen' XXII 2' izdu KPRS. Kyiv, Radians'kt shkola, 1963, 59 p. (NN)
- KOSTENKO, N. [Verse] Versur'. [Kishineu] Lumina, 1966, 84 p. (Biblioteka shkolaruful) [In Moldaylan]
- KOVALIV, P.K. [The levical fund of the literary language of the Klevan puriod, 10th-14th centuries]
 Leksychnyl fond literaturnol movy Kylvs'kogo periodu
 X-XIV st. New York, Naukove tovarystvo lm. T.Shevchenka.

onka, Vol.1. [Basic vocabulary] Osnovnyl fond, 1962, 1v. Vol.2 [Loan words] Zapozicheniia, 1964, 1v. (OCD)

- KOZHEVNIKOV, G.A. [The party as the organizer of workers' and rural correspondents movement in the U.S.S.R., 1917-1937] Partitle organizator rabsell-korovskogo dykhenita v SSSR, 1917-1937. [Saratov] Ltd-vo Saratovskogo univ., 1965. 120 p. (CSt-H)
- KOZŁOVA, E.N. [Hope, stortes, reminiscences] Na-dezhda, rasskazy, vospominania. Livroslavi', Verkine-Volzhskoe knizimoe izd-vo, 1966–118 p. (Biblioteckka pisatelei Verkinei Volgi)
- KRAPCHAN, BORIS. [The smile of life, verse] Ulybka zhizni, stikhi Kishinev, Kartia Moldovenidske, 1966. θ1 ρ. (MH)
- KRAPIVA, KANDRAT [Forty fabtes] Sorak back. [Minsk, Belarus', 1966] 140 p.
- KRASAVITSKAIA, M. [We are grown-ups] My vzioslye. Riga, Liesma, 1966. 165 p.
- KRAVCHENKO, IE.S. [From the book of life, stories]
 Z knyhy zhyttia, opovidannia Kyiv, Veselka, 1966.
- KRIVENKO, E. I. [Golden stone. Our darling; tales] Zolotol kamen'. Nasha liubushka; povesti. Kicv, Molod', 1066. 226 p. (NIC)
- ROSS, JAAN. [Singers on the foredeck] Lauljad Ineva-voorldel Tailinn, Eesti Raamst, 1966, 115 p. [In Estonian] KROSS, JAAN.
- KROTKII, EMIL', [Passages from the unwritten] Otryvi I iz nenapisannogo, Leningrad, Khudozhnik RSFSR, 1966, 140 p.
- KUDINOV, I.P. [City life, Thunder is possible. The weather will change tomorrow, tales] Gorodskala zhizn'. Vozmozhna groza, Pogoda zavtra izmenitsia, povesti. Barnaul, Altaiskoe knizhnoe izd-vo, 1966.
- KULESHOV, A. P. [Lucky people from Malchance Street] Schastlivchiki s ulitsy Mal'shans, roman. [Moskva] Molodia gvardita, 1906, 285 p. (Rovesnik)
- KUTUEV, R.A. [To follow the clouds] Idli za oblakami. [Kazani, Tatarskoe knizhnoe izd-vo, 1906] 213 p.
- LACE, VILE. [Lost homeland] Pazudusi dzimtene. Riga, Liesma, 1966. 289 p. [In Latvian]
- I.AKERBAI, MIKHAIL. [Song of the alamis, stories Posnia alamisa; rasskazy. Tbilist, Literatura da Khelovacha] 1965. 242 p. [In Georgian] (MH)
- LANKUTIS, JONAS. [The man of E. Miczelailis. Translated from the Lithuanian] Chelovek E. Mezhelailisa, Moskva, Khudozh. lit-ra, 1965. 97 p. (Massovala istoriko-literaturnala biblioleka)
- LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ATVIJAS PADUMJO SOCIALISTISMA REPUBLIMAN ZINATNU AKADEMIJA, Valodas un literaturas insti-tuts, [Frequency dictionary of the Latvian language] Latviesu valodas biezuma vardnica, [By] T. Jakubaite un citi. Riga, Zinatne [In Latvian] Vol.1, [Technology and industry] Tehnika un rupnieciba. Pt.1. 1960. 620 p.

- LAZUTIN, I.G. [Court is in session, a drama in three acts] Sud idet, drama v Irekhaltakh Otv red. R. Afanas'ev Moskva, Otdel rasprostranentia dramaticheskikh proizvedenii VUOAP, 1966. 77 1.
- L'DOV, ALEKSEI, (Vovka's secret) Vovkin sekret. [[Aroslav]] Verkine-Volzhskoe knizhmee izd-vo, 1966 49 p
- LEHIT, ANDRH [Behind the bars, first collection of poems, 1945-1946] Za drotamy, persha zbirka poezil, 1945-1948. Neu Ulm, 1958, 96 p. (InU)
- LEONT'EV, A.N. [A triple jump, a tale] Trobot pryzhok, povest'. [Moskva] Molodaia gvardila, 1966, 126 p. (Chest', otvaga, muzhestvo)
- LFONT'EV, N. [Mikhailo Lomonosov; a dramatic poem] Mikhailo Lomonosov; dramaticheskala poema. 2, 124, Moskva, Sovetskii pisatel', 1961—136 p.
- LERMONTOV, M. IU. [A horo of our times] Gerof mashego vrement, Moskva, Gos, izd-vo khudo, h. ht-ry, 1963, 175 p. (Narodnala biblioteka) (ICarks)
- LESKOV, N.S. [Tales and stories] Povesti I rasskazy [Leningrad] Lenizdat, 1980 598 p.
- LEVIDOVA, V.I. [Convergation with the beloved, tales and stories] Razgovor s limbingm, povesti, rasskazy, [Leningrad] Lenizdat, 1966, 2 5 p. (NIC)
- LEVITSKII, V. [At the sources of the Siret, verse] but Izvoarcle Sirehulmi, versur'. Kishineu, Lumina, 1966. 62 p. [In Moldavian]
- LIAMIN, M.A. [in the name of happiness, a tale. Translated from Udmurt] Vo imia schast'ia, povest', Lihevsk, "Udmurtlia," 1986. 250 p.
- LIPKAN, A.M. [The awakening, a novel] Deshteptaria, roman. Kishineu, Karita Moldoveniaske, 1966: 350 p. (In Moldavian)
- LIPKAN, A.M. [The awakening, a novel. Translated from Moldavian] Probuzhdonie, toman. Moskva, Khudozh.llf-ta, 1966. 333 p.
- LISIANSKII, M.S. [Marvelous city, a book of new verse] Divnyl gorod, kniga novykh stikhotvorenti. Moskva, Sovetskii pisatel', 1965. 142 p. (JEN)
- LISIN, M. D. [Where have you been flying , sengul? Stories] Gde ty letala, chalka? Rasshazy. Moskva, Sovelskii pisalel', 1966, 322 p. (IEN)
- LISOVSKII, K. L. [The price of a line, new yerse]. Tsona stroki, novye stikhi. Novosibirsk, Zapadno-Sibirskoe knizhnoe izd-vo, 1966. 100 p.
- LITERATURNO-MEMORIAL'NYI MUZEI IVANA FRANKA U L'VOVI Literaturno-memorial'nyi muzei Isana Franka u L'vovi Ivan Franko Literature Memorial Museum in Lviv L'vlv, Kameniar, 1966. i v. illus. [in Ukrainian, Russian, and English]
- LITVINOV, V.V. [Compositions in the upper grades of the secondary school] Sochinentia v statshikh klas-sakh srednet shkoly. Moskva, Prosveshchenic, 1965. 190 p. (NIC)
- LIVS, EGONS. [Velnakauls' twins; a novel] Velnakaula dvini; 10mans | Riga, Liesma, 1966, 196 p. [In Latylanl
- LIZEN, O.M. [The monument; stories] Monument; opo-vidannia. L'viv, Kameniar, 1988. 148 p
- LOMATS'KYI, MYKIIAILO, [Enchanted world] Zaverozhenyi svit. New York, Vol.1, [On tal. side of Chemohora] Po tsel bik Chemohory, 1965, lv, (InU)
- LOMUNOV, K.N. [Face to face with Tolstoi; L. N. Tolstoi and our time] Litsom k litsu s Tolstym, L. N. Tolstoi inasha soyremennost', Tula, Priokskoe knizhnoe izd-vo, 1906, 39 p.

- LOTIANU, E.V. [Bacolies] Bakolika Alshineu, Kartin Moldoveniaste, 1966, 190 p. [In Moldovian]
- LUCHANINOV, D.V. [Upsurge, tiles and stories] Pol'em polesti, raselaza, Moskva, Solets'fi pisatel', 1966, 342 p (MH)
- LUKEITSEII, I.A. [Preventing student's mistakes in Finglish promineration, a manual for the teneder] Predupt chidence oslubok uchashchilbista vanglisisiom prozeoshemi, posobie dha uchitcha. Izd. 2., percr. Mostra, Prostoshchante, 1986. Ill p
- LUNGU, RAISA [The silver glade] Polana de arzhint Kishineu, Kartia Moldoveniaske, 1966 209 p. [In Moldavian]
- LUPAN, ANA. [The third crox of the coef] La kyntatul lufoshilor. Kishineu, Lumina, 1966. 429 p. [In Moldavian]
- LUTSEVICH, L.D. [Burlat mound, Bondarento's daughter, Luon's galve] Kurgen, Bendarovna Megila l'va, [Minst, Erlaius', 1965] 77 p. [Publ. under his pseud, länta Kupila]
- MADAN, GFORGE. [Good signs of the year, a novel, Doby's primety goda, roman, Kishinev, Kartia Moldoveniaske] 1965 243 p. [In Moldavian] (MH)
- MAKHNACH, ALES'. [Little starling, plays and scenes for school amuteur theatiscals] Shpathok, plesy i stsembi dha shkol'nai mashatskai simadzemastsi. Minsk, Dziwizh, vyd-va BSSR, 1963. H9 p. (NN)
- MAKSIMOV, V.E. [Steps toward the horizon, stories] Shagi I gorizontu, rassi azy. Moskva, Pravda, 1966, 62 p. (Biblioteka Ogonei, no.ll) (MR)
- MALANIUK, IEVHEN [Book of observations, prose]

 Knyha spostere zhen', proza, Toronto, Homin Ukrainy,
 1962-1966 2 v (Homin Ukrainy Biblioteka,
 nos 20, 29)

 (NN)
- MALEY, VERA. [Hot days, tales] Zile de architse, povestire. Kishineu, Lumina, 1966. 106 p. [In Moldavian]
- MALEY, VERA. [The secret of the old farm, tales]
 Taina vekului konak, povestire Kishineu, Kantia
 Moldoveniaske, 1986–172 p. (Biblioteka shkolarului)
 [In Moldavian]
- MALIAKOV, L.I. [Bewitched happiness, verse and a poem] Zakoldovannoe schast'e, stikhl i poema.
 [Leningrad] Lenizdat, 1968, 102 p.
- MANEVICH, I.M. [Motion pictures and literature] Kino i literatura. Moskva, Iskusstvo, 1966. 239 p.
- MANTOROV, G V. [Efim Permitin; a sketch of his life and works] Efim Permitin; ocherk zhizni i tvorchesiva. [Meskva] Mosk labochii, 1966—186 p
- MARR, N. IA [Problems of the Vepkhistkaosani and Visramiani] Voprosy Vepkhistkaosani i Visramiani. Podretovka sbornika k perlati, Issledovanie, kommentari i primechania I.V. Megrelidze. Tbilisi, Metsnicrcha, 1966—292 p. [In Russian and Georgian]
- MARTYNOV, L.N. [Verse and poems in two volumes]
 SUPhotyorenia i poemy v dvukh tomakh. Moskva,
 Khudozhestvennaja Hieratura, 1965. 2 v.
 (CU) (CaOTU) (III) (RPE)
- MASAL'S'KYI, V.I. [The language and style of the works of M.Kotsiubyns'kyi] Mova i styl' tvoriv M.Kotsiubyns'koho, Kyiv, Radians'ka shkola, 1965, 123 p. (CaOTU)
- MATROSOV, AFANASII [How the ax started an argument] Kak topor zatetal spor [Perm'] Permskoe knizhnoe izd-vo, 1968, 17 p.
- MATROSOV, VLADIMIR. [Man remains a man; a documentary tale] Chelovek ostaetsia chelovekom; dokumental naia povest'. Riga, Liesma, 1966. 202 p.
- MELAMED, TS. [Smiles post restante] Ulybki do vostrebovanita, Riga, Liesma, 1966, 171 p. (NIC)

- MELENT'EV, V.G. [What is special about this, a tale] Chio zdes' osobernogo, povest'. IAroslav', Verkhne-Volzhskoe kniržinoe izd-vo, 1985, 252 p. (IFN) (IU)
- MEL'NIK, V.K. [Those judged by their own conscience, a tale and stories] Sudimye sovest'in, povest', ras-skary. Kiev, Radinns'kyi pvs'inennyk, 1966. 375 p. (MII) (MIC)
- $\begin{array}{cccc} \text{MEL'NYCHUK, IU.S} & \text{[A torn heart] Vyrvane serise,} \\ \text{Kviv, Molod', 1966} & 156 \text{ p} \end{array}$
- MENIUK, GEORGE [Sun clocks] Kadian solai , zhurnal Kishincu, Lumina, 1986 102 p [In Moldavian]
- MERZLIKIN, L.S. [Russia, verse] Rossiia, stikhi. [Barnaul, Altaiskoe knizhnoe izd-vo, 1965] 79 p.
- MERZON, S. N., T. N.PALEM, and Z. V.SMIRNOVA. [Collection of exercises on the development of the spoken language, based on the study of grammatical subjects (the adjective). A textbook for foreign students! Shornik uprazhnenii por razvititu ustnoi rechi, na osnove izucheniin grammaticheskih tem (imla prilagatel'uco). Posobie dila uchashchikhsia-inostrantsev Pod red. S. N. Merzon. Moskva, MEI, 1986. 122 p.
- MIKELINSKAS, JONAS. [And the clock luns, a novel]
 Olailiodis eina, lomanas. Vilnius, Vaga, 1966,
 221 p. [In Lithuanian]
- MIKHAILIK, IU.N. [North, south, vcise] Sever IUg, stilht. Odessa, Maiak, 1966, 54 p.
- MIKHAILOV, V.V., and I. ATMAKIN, comps. [Clear view, collection of the works of writers of Karachay-Cherkess Autonomous Province] lAsnye dall, sbornik profivedenii pisatelei Karachaevo-Cherkesii. Cherkesi, Karachaevo-Cherkesskoe knizhnoe izd-vo, (10)
- MIKHALEY, V.V. [My dear birch tree] Svet bereza. Voronezh, Tsentral'no-chernozemnoe knizhnoe izd-vo, 1965, 39 p., (NIC)
- [MILITARY JOURNA LISM AND FRONTLING SKETCHES]

 Voennam publitsistika i frontovye ocherki Moskva,

 Kludozh itt-ra, 1956 608 p (Velikaia Otechestvennam)
- MIRMUKHSIN. [Lightning in the night. The tempering, tales. Translated from Uzbev] Mointi v nochi.
 Zakaika, povesti. Tashkent, Esh gvardiia, 1966.
 198 n.
- MIRVALIEV, S [From heart to heart, Uzbek literature abroid] Kaiblardan kalblarga, Uzbek adabieti chet ellarda Toshkent, Uzbekliston KP Markazii Komitetining birlashgan nashricii, 1986 40 p (Uzbekiston SSR "Bilim" zhamiati, no.15) [In Uzbek]
- MEHUTIN, N.S. [Pashka's ship, stortes] Pashkin korabl', tasskazy Cheboksary, Chuvashskoe knizhnoe izd-vo, 1965 41 p.
- MNATSAKANIAN, A.N. [This happened on the Sevan]
 Eto bylo na Sevane, [povest'.] Erevan, Aiastan, 1985.
 117 p.
 (MH)
- [MODERN SOVIET LITERATURE] Sovremennala sovetskala literatura Moskva, Znanie, 1966. 156 p (Narodnyi universitet: Fakul'tet literatury i iskussiva, nos 11/12)
- MOROZOV, V.F. [Revelation, verse and poems] Otkrovenie, stikhi i poemy, [Petrozavodsk, Karel'skoe knizhnoe izd-vo, 1965] 287 p.
- MOSKAL'CHUK, PETRO, [Rozhillia, poems] Rozhillia; poezil. Kyiv, Radians'kyi pys'mennyk, 1966. 53 p.
- MCSKOVSKII GCSUDARSTVENNYI UNIVERSITET. Institut vostochnykh izzykov [Languages of Africa; problems of structure, history, and typology] IAzyki Afrikl, voprosy struktury, istorii i tipologii. Moskva, Nauka, 1956. 296 p.
- MRELASHVILI, LADO. [Kabakhi; a novel, Translated from Georgian] Kabakhi, roman. Moskva, Sovetskii pisatel', 1955. 568 ρ.

- MSTISLAVSKII, S.D. [On the eve of 1917, a novel] Rayanune 1917 god, 1 oman. Moskva, Sov. Robolia, 1968, 252 p.
- MURATOV, I. L. [Metamorphoses, verse and puches] Metamorfozy, silkhi, poemy. Moskva, Sovetskii pisatel', 1965. 119 p. (10)
- MUSHYNSKI, MIKHAS!, [From preliminary achience to its realization, listency of the creation of the "Newland" and "Simon, the mustrlam"] Ad zadimay dri zdziaisnemia; two chala historyla "Noval ziandi" i "Symona-muzyki," Minsk, Navoka i tekhalika, [903] [14] p. facsim, (NK)
- MYHAL!, T.S. [The tavern "Herring on a chain", a novel] Shynok "Oseledets" na lantshuzi"; rom ur L'viv, Kamenan, 1968—256 p
- MYKOLIUK, V.K. [A curtata of mountains | Zavis a Est Odesa, Maiak, 1965 285 p
- NAGAEV, G.D. [Inspiration before the execution; a novel] Vdokhnovenie pered kazuliu, roman Merikasi, Voenizdat, 1967. 236 p.
- NERIS, SALOMEJA. [Pootry] Poezija Vilnius, Vipt. 1960 2 v. [In Lithuanian]
- NEVEROV, I.M. [Year of the quiet sun (Speak of log 1 l), a tale] God spokolnego solutsa (Govert o Hub, 11), povest'. Odessa, Maint, 1966. 223 p.
- NOVIKOV, I.A. [Collected works in four volumes] Sobranle sochhenil v chetyrekh tomakh Mocksa, Khudozh, lit-ra
 - vol 1. [Pushkin in exile, a novel] Pushkin v 1/5-snii, 10man. Part 1. 1986. 486 p.
- NURTAZIN, AKHMEDZHAN. [The colonel's daughter, verse and a poem] Polkovník kyzy; poema men odenden. Almaty, Zhazushy, 1966. 90 p. [In Kazakhi]
- OL'KHIN, B. [Beyond the green distance] Zu zettimb dal'hu. [IAroslavi', Verkhne-Volzhskoe kuizhnes-tzatvo, 1966] 133 p.
- ORLOV, G.F. [Morning on the meadow; verne] Ulablish ir, savasem. Shupashkar, Chavash ASSR hencke izdatel'sivi, 1968. 46 p. [In Chavash]
- ORLOVSKAIA, N.K. [Georgia in the literature of Wristern Europe in 17th-18th centuries] Grazila v Literatu akh Zapadnoi Evropy XVII-XVIII vekov. j biid-44, 1965. 314 p.
- OSIN,D.D. [Far in all directions; stories] Daleko vo vec storony rasskazy, Moskva, Pravda, 1960, 63 p. (Biblioteka Ogonek, no. 23) (MH)
- OSTROVSKII, N.A. [How the steel was tempered] Kak zakallalas' stal'. [Aroslav!', Verkhne-Vutzhishan knizhnee izd-vo, 1966. 349 p.
- OTACHKIN, A.S. [The Chuvash language, a textbook. for the 3d grade of primary school] Chavash chelkhit; puslamash shkulan III-mesh kiasenche verenantit keneke. Shupashkar, Chavash ASSR gos. 17d-vi, 1458. 65 p. [in Chuvash] (hU)
- PALHCHUK, B.D. [Rivors are looking at the nky, ly:1c s Rekt smotriat v nebo, lii ika. Kiev, Radiano'kii pin', mennik, 1966, 103 p. (IEN)
- PANTELEEV, A. I. [Living monuments, stories, trave] notes, diaries, memoirs] Zhivyo pamiainiki, ranskazy, putevye zametki, dnevniki, vospominimika, Moskva, Sevetskii pisatel', 1986, 493 p.
- PAPAIAN, ARAMASHOT. [Lies in a trap, connedy] 1.121 y kapkane; komediia. Moskva, Iskussivo, 1962. 10 p. (Repertuar kludozhestvennoi samodolatel nosti, no. 23 (MH)
- PARKHOMOV, MIKHAIL. [The password is 'Snow'. a true tale] Parol' "Sath"; novyhadana povist'. Kyty, Veseka, 1964, 138 p. (IUni heroi)
- PASHAEVA, MARZHA. [Description of the archive of Dzhafar Dzhabarly, Opisanie arkhiva Dzhafar a Dzhabarly, Baku, Izd-vo Akad, nauk Azerbaluzhan skoi SSR] 1965, 252 p. [In Azerbaljani]

- PASTERNAK, B. L. [Verse] Stikhi. Moskva, Khudozh lit-ra, 1966. 366 p. (Hiblioteka sovetskoi poezii) (WaU)
- PASTUSHENKO, A.E. [The wormwood stalk] Polynove steblo. L'viv, Kameniai, 1966—194 p
- PCHELINTSEV, A.V. [Dwellers by the Dnieper, stories] Dnepriane, rasskazy. Kiev, Radians'kyi pys'mennyk, 1966, 172 p. (MH)
- PETROV, IU. V. [Relay race, lyrics] Estateta, lirika. Kiev, Radians'kvi pys'mennyk, 1966. 62 p.
- PETUKHOV, A.V. [The woodsman, a tale] Leshak; povest' [Volgoda] Severo-Zapadnoe knizhnoe izdvo, 1966 139 p.
- PLAUDIS, JANIS, [Works in four volumes] Raksti cetros sojumos. Riga, Liesma [In Latvian] Vol. 1. 1966. 506 p.
- PLIAMOVATAIA, S.S. [Nouns of measure and value in modern Russian, a toxthook] Razmerno-ofsenochnye imena sushestvitel'nye v bovremennom russi om lazyke, uchebnoce posobie. Moskva, M-vo vyssinego i steinego sputsial'nogo obrazovanila RSFSR, 1961.

 119 p. (NIC)
- PODELKOV, S.A. [Power of the heart, verse and pooms] Vlast' section, stikhotvorenila i poomy, Moskva, Khudozh, lit-ry, 1966. 226 p.
- POGODIN, N.F. [Searching, thinking, discovering..., articles, reviews and fravel notes, 1953-1962] Iskat', myslit', otkryvat ; stat'i, retsenzii, pulevye vametki (1953-1962) Moskva, liskusstvo, 1966. 254 p
- POPOVSKII, A.D. [Tale about an uncommitted crime. They recognized each other. Tale about one Sunday] Povest' o nesodetannom prestuplenii. Oni uzuali drug druga. Povest' ob odnom voskresenii. Moskva, Sovetskii pisatel', 1866. 457 p.
- [PRACTICAL GRAMMAR; brief information on etymology and syntax] Prakticheskula grammatika, kratkie svedenita iz etimologii i sintaksisa, [Moskva? 196-] 77 p. (DGW)
- PREMCHAND. [Peculation, a novel, Translated from the Hindi] Rastrata; roman, Moskva, Gos. izd-vo khidozh. lit-ry, 1961, 302 p. 10CH
- PRONIAKIN, IU. F. [The bot is on the conscience; a novel] Stavka na sovest'; roman. Moskva, Voentzdat, 1967. 228 ρ.
- PUSHKIN, V.M. [Sea above earth] More nad zemlei, Vladivostok, Dal'izdat, 1965, 54 p, (IEN)
- RADZENSKII, EDVARD. [A movie is being shot..., a play in two acts] Snimactsia kino...; p'esa v dvukh delsivilakh Olv.red. G.Osipov. Moskva, Oldol raspi ostranenita dramaticheskikh proizvedenii VUOAP, 1968—1081.
- RAFFI. [Samvol, a historical novel, 364-400. Translated from the Armenian] Samvol, istoricheskii 10man, 364-400. [3. lzd.] Erevan, Armianskoe gos.izd-vo, 1060. 481 p. (NIC)
- REUTSKII, P.I. [The ice is breaking up] Lomaetsia led. [Irkutsk] Vostochno-Sibirskoe knizhnoe izd-vo, 1965. 70 p. (NIC)
- REZA, L. [Lithuanian folk songs] Lietuviu liaudies dainos. Vilnius, Vaga. [in Lithuanian] Vol.2. 1964. 391 p
- ROKPELNIS, FRICES. [...Remember the spruces (Mayor of Jelgava); a play in 3 acts and 10 scenas]...Alceries cgles (Jelgavas galva); novolejums 3 cellenos, 10 ainas. Riga, Liosma, 1066. 69 p. [in Latvian]
- ROMANCHENKO, M.Z. [The gardison beyond the clouds; a tale] Zakhmarnyi garnizon; povist!. L'viv, Kameniar, 1986. 164 p.

- ROSHCHIN, P.F. Aleksandı Tvardovskii, Moskva, Prosveshchenie, 1966, 174 p. (Biblioteka slovesnika)
- ROSHKA, V r [On second thought] Mintia de pe ut me Kishineu, Kartia Moldoveniaske, 1986. 305 p [In Moldavian]
- ROSTOTSKII, B.I., ed. [Contemporary Polish plays] Sovremennye pol'skie p'esy, [Moskya, Isl ussivo, 1966] 395 p. (MH)
- RUBYTS'KYI, I.V. [The aimed heart, poems] Ozbrotene serte; poezii. Kylv, Molod', 1963. 55 p. (NN)
- RUDCHENKO, P.I. [Bad people, a tale] Lykhi liudy, povisi'. Kyiv, "Dnipro", 1965. 147 p. (NN)
- RYMASHFYSKII, V. V. [Fyes into eyes] Glaza v glaza, IA10slavl', Verkine-Volztskoe knizhnee izd-vo, 1966 62 p. (Bibliotechka pisatelei Verkinei Volgi)
- RYTKHEU, IU.S. [Alvangu, a novel] Alvangu, 1 oman. [Moskya, Molodala gyardiia, 1966] 291 p. illus. (MH)
- RZAEV, SABIR. [Azerbaijani theater in Armenia] Azerbaidzianskii teatr v Armenii Baku, Azerbaidzianskoe teatr ob-vo, 1963—109 p. illus (MII)
- SAAKOVA, V.G. [Street of the North Star, verse and a poem] Ulttsa Pollarnol zvozdy, stikhi i poema. Alma-Ala, [Izd-vo Zhazushy] 1966, 66 p.
 (MII)
- SAATOV, ZHAPAR [Sensivity, a collection of stories]
 Meet im, angemeler Franze, Kyrgyz mamlekettik
 okuu-pedagogika basmasy, 1962. 75 p [in Kirghiz]
- SABALENKA, RAMAN. [Hunting boots; stortes]
 Paliaunichyla botv; apavladauni. Minsk [Zviazda]
 1962, 49 p. (Biblitateka bozhyka, no. 2(32)
 (NN)
- [THE SACRED WAR..., verse about the Great Patriotic War] Sylashchennala volna...; stikhi o Velikol Otechestvennol volne, Moskva, Kludozh, lit-1a, 1986, 814 p, (Velikata Otechestvennala...)
- SAFRONOV, V.M. [A shot at dawn, tale and stories] Vystrei na rassvete, povest' i rasskazy. Tula, Prickskoe kulzhnoe izd-vo, 1965 | 141 p (NIC)
- SAGANOV, IU.M. [Novograd Sviyazhskiy, an historical novel] Novograd Sviiazliskii; istoricheskii roman, Saratov, Privolzhskoe knizhnoe izd-vo, 1966. 316 p.
- SANGADZHIEVA, BOSIA. [The lyre; verse and a poem. Lira; silkhi i poema. Flista, Kaimytskoe knizhnoe izd-vo] 1965. 101 p. [in Kaimyk] (Mil)
- SCHILLER, FRIEDRICH. [Wilhelm Tell, a drama in five acts] Vil'gelm Tell; drama v piati deistviiakh. Moskva, Gos.izd-vo detskoi lit-ry, 1959. 171 p. (OCI)
- SEMENOVA, N.A. [Moianika, stories] Moianika; rasskazy. [Moskva] Moskovskii rabochii, 1986, 130 ρ. (Mil)
- SEMENOVSKII, K.S. [Solected works] Izbrannoe. Kishinev, Kartia Moldoveniaske, 1966. 343 p.
- SEMPER, JOHANNES. [Works] Teosed. Tallina, Eesti Raamat. Vol.5. [Travel notes] Reisikirjad. 1985. 520 p [In Estonian]
- SEREBRIAKOVA, G.I. [Precedence, a novel] Predshestvie, roman. Moskva, Khudozh.lit-ra, 1986. 111 p. (Roman-gazeta, no.20)308)]
- SERGEEV, N.S. [Under the battleship's keel] Pod kilem linkora, [Leningrad] Lenizdat, 1968, 110 p.
- SERGEEY-TSENSKII, S. N. [Lighthouse in the fog. Michel Lermontov, a novel. Lenta Slesarev; a lale. Stories, verse, fables] Matak v tumane. Mishel' Lermontov, roman. Lenta Slesarev; povost'. Rasskazy, stikhi, basni. Simferopol', "Kıym", 1985. 975 p. (RPB)

- SEVAST'IANOV, A.A. [The Wild Urman; a tale] Dikit Utman, povest'. IAroslavi', Verkhne-Volzhskoe Inizhnoe izd-vo, 1966. 146 p.
- SHAPOVAL, P.Z. [Obelisks and little cars of grain]
 Obelisky i kołosky. Onipropetrove'k, Promin, 1966.
 69 p.
- SHCHERBAK, A.I. [Sculpture without a pedestal; a tale] Skul'ptura bez pastamentu, povist' Kyiv, Rad. pys'mennyr, 1966 144 p.
- SHCHERBAK, IURII. [As in wattime, tale and stories] IAk na viini, povist' ta opovidannia. Kyiv, Radians'Fyi pys'mennyk, 1966, 317 p.

 (MII)
- SHCHIPAKHINA, L.V. [A personal matter, verse] Lichnoc delo, stikhi, Moskva, Sovetskii pisatel, 1966. 62 p.
- SHEKHTER, DANIEL, [Place in the ranks; tales] Lokul yn koloane, povestir'. Kishineu, Kartia Moldoveniaske, 1966, 121 p. [In Moldavian]
- SHEVCHENKO, P.A., and S.M. FLORINSKII, comps. [Russlan literature, Chrestomathy for the 6th grade] Rodnata literatura, khi estomathia dila 6 klassa, lzd. 4. Moskva, Gos. uchebno-pedagog, 12d-vo, 1963. 350 p. (CaOMU)
- SHEVCHENKO, T.H. [Three years, autographs of poetry, 1813-1845] Try lifa, avtografy peczli, 1843-1845 robiv. Kyiv, Naukova dunka, 1966 106 [t e 212], tili p
- SHEVCHENKO, T.H. [Works in two volumes] Twory v dvokh tomakh. Kyiv, Dalpro, 1986. 2 v. (Shkil'na biblioteka)
- SHKINA, L.V. [Coeval, verse] Rovesnitsa, stikhi, Moskva, Sovetskii pisatel', 1966, 74 p. (MH)
- SHKAPA, I.S. [Seven years with Gor'kli, memoirs] Sem' let's Gor'klin, vospominanila. Moskva, Sovetskii pisatel', 1866, 386 p.
- SHLIAEV, MIKHAIL. Start (Novovibirsk, Zapadno-Slbir skoe kutzhnoe Ird-vo, 1985 - 33 p.
- SHMELEV, O.M., and V.V.VOSTOKOV. [The resident's mistake] Oshibka rezidenta. [Moskva] Molodaia gvardita, 1986, 286 p.
 (MH)
- SHOLOKHOV, M.A. [Stories of the Don] Donskie rasskazy. Moskva, Detskaia literatura, 1964. 220 p. (Shkormia biblioteka) (NBC) (NJR) (PSC)
- SHTOK, ISIDOR. [The old maid, a comedy in two acts] Starala deva, komediia v dyukh aktakh Otv.red V TSirniuk. Moskva, Otdel raspinosii acconia dramaticheskikh pioizvedenii VUOAP, 1985. 68 l.
- SHUKIKHI, AMINDZHON. [Lyries. Translated from the Tajik.] Lirika. Moskva, Meledala gvandila, 1957. 38 p. (IEN)
- SHUMAKOVA, T.A. [The work of Ethel Lillian Voyaich, Author's abstract of the dissertation for the degree of Candidate in Philological Sciences] Tworchestwo Etel' Lillian Volnich. Aviorefer at dissertatsii na soiskanle uchenoi slepent kandidata Hologicheskikh nauk. Nauch, rukovodito!'-Z, T.G. nazlidanskaia, Moskya, Ohl, pedagog. in-t, 1965. 17 p.
 [MICROFILM]
- SIKORS'KYI, IA.P. [Asters, tales and stories] Aistry, povisti ta opovidannia. Odesa, Maiak, 1966. 315 p.
- SITNIKOV, V.A. [Forvent heart, The Belogrivka snowstorn] Coriachee sordise, Belogrivskala metelitsa. [Gor'kil] Volgo-Viatskoe knizhnoe izd-vo, 1956, 380 p. (NIC)
- SLOVO O POLKU IGOREVE, [The lay of the host of Igor; a retelling in verse of N. Rylenkov] Slovo o polku Igoreve; sitkholvornyi poroskaz N. Rylenkova, [Moskva, Sovetskala Rossila, 1966] 61 p.

 (MH)

- SMAGULOYA, GULZAI, [The poetic work of Askat Tokmagambetov Poeticheskon (vorchestvo Askata Tokmagambetova, Alma-Ata, Zhazushy] 1965—93 p. [In Kaza'h] (MH)
- SMILIANS'KYI, L.I. [Sashko, a tale] Sashko, povist', Kyiv, Radians'kyi pys'memnyk, 1966, 344 p. (MH)
- SMOLIN, E. L. [Sudden turns, a tale] Knowe povoroty, povest'. Minsk, "Belanus"," 1966 295 p
- SOFRONOV, A. V. [Pavlina, a compdy in three acts] Pavlina, Lomedita v treki deistvilakh. Muzyka Borisa Мойгоцьоvа. Moskva, Sov. Rossiia, 1966. 94 р.
- SOIUZ PEATELLI RSFSR [The upper reaches, verse, stories, sketches, short stories, falles, sathe, humor, travels, and meetings of writers of the upper Volga] Verkhov'e, stikhi, ranskazy, ocherki, novelly, basni, sathin, immer, putchesti hal vist celi pisalelei Verkhoei Volgi [Maoshvi], Verkhoe-Volzhskoe knizhnoe izd-vo, 1986 157 p
- SOLODAR', TS.S. [Untypical types, fourlictons in verse] Netipichaye tipy, fell'ctony v stikakh. Moskva, Sov. Rossiia, 1965, 109 p.
- SOMOVA, S.A. [A light in the window; verse] Ogon'v olne, stilld. [Mostva] Sovetel it pisatel', 1966. Il7 p. (MH)
- [THE SONG OF THE REED PIPE, Pesn' svitell, Kishinov, Kartia Moldoveniaske] 1965, 317 p. [In Moldavian] (MII)
- SOOKAS, JUHAN. [Graudfather's gan, sath e and other humoi ous stories] Vantisa puss, jahimehejuite ja muid ratjalugusid. Tallina, EKP Keskkomitee Kirjastus, 1967. 93 p. [in Estonian]
- SOSIURA, VOLODYMYR. [My Donets land, poems] Donechchyno moia, poezii. [Kyiv, Dnipro, 1966] 725 p. (CaOTU)
- [SPARKLING DEWS] Fski istyc rosy. [Leningrad] Lenizdat, 1966, 103 p. (Stikhi pskovskikh poetov) (MH) (NIC)
- SRUOGA, BALYS. [Crests of waves] Bangu virsumes. Vilutus, Vaga, 1966. 102 p. [In Lithuanian]
- STADNIUK, I. F. [People are not angels, a novel] Liudi ne angely, 1 oman. [Moskva] Molodaia gvardila, 1866, 2 v. (Mil)
- STAMATI, CONSTANTIN. [Selected works] Skriet' alese. Sub yngrizhinia lui 1. Grekul. Kishineu, Lumina, 1966. 98 p. (Biblioteka shkolarului) [In Moldavlan]
- STANIUKOVICH, K. M. [Maksimka; stories] Maksimka, nasskazy, Moskva, Gos, 12d-vo detskid literatury, 1963, 94 p. (Shkol'naja biblioteka dija nerusskikh shkol) (CAAEU)
- STANIUKOVICH, K.M. [Sailors, steries] Moriaki; 128skazy. Moskva, Deigiz, 1962, 174 p. (OCI)
- STARTSEY, P.N. [The silver islands, a tale and stories] Serebrianye ostrova; povest' i rasskazy, Barnaul, Altaiskee knizhnee izd-ve, 1966, 182 p.
- STEPANOV, A.V., and A.V.TOLMACHEV. [The orator's companion] Sputnik oratora Moskva, Sov.Lossita, 1266. 351 p.
- STEPANOV, I. [On the edge of the world, a tate] Na kratu sveta; povest'. IAroslavi', Verkhne-Volzhskoe knizhnoe izd-vo, 1986 125 p.
- STETSIUK, IA.N. [Reminiscences of that spring, a lales] Spomyn pro tu vesmij povisti. Kylv, Radian-sikyi pysimennyk, 1966. 257 p.
- [STORIES OF AFRICAN WRITERS] Rasskazy afrikanskikh pisatelei. Moskva, Izd-vo inostr. lit-ry, 1962. 261 p. (CaAEU)

- [STORIES OF URAL WRITERS] Rasskazy pisatelei Urala. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1954. 366 p. (10)
- STRYZHENIUK, S.S. [The blacksmith's glory, a poem] Slava kovalivna, poema Odesa, Maiak, 1964 82 p
- SUKHOBSKAIA, G S. [Acquisition of knowledge of the Russian language by students of evening school] Usvoente zaanti pou usskomu lazyku uchasachimata vechernikh shkol Moskva, Prosveshchenie, 1965 77 p (NIC)
- SVARNYK, I.I. [A personal den, fables] Personal'ny i barlih, baiki. L'viv, Kamenia, 1986. 71 p
- SVETLOY, M.A. [Veise] Stikhl, Moskva, Molodaia gvardiia, 1965. 28 p. (WaU)
- SYDORENKO, V.P. [Yellow Hower, short stories] Zhovtyi kvit, novely. Kyiv, Radians'kyi pys'mennyk, 1966, 177 p. (InU)
- SYNGADVSKII, P.F. [Moon snow] Lunnyi Sneg [Moskva] Moloddia gwaldia, 1966. 60 p.
- SYRDYBAEV, M., comp. [A garland for Toktogul, recollections and dedications] Venck Toktogulu, sbornik vospominanti i posvlashchenii. Frunze, Moktop, 1961. 112 p. (NNC)
- TABACHNIKOV, KH. KH [A small place near the Duleper Translated from Yiddish] Mestechko u Dnepra Moskva, Sov pisatol', 1966—323 p.
- TABIDZE, GALAKTION [Peach blossoms TSvety persika Tbilist, Izd-vo Tsk KP Gruzli, 1966] 03 p [In Georgian]
- TANK, MAKSIM. [Selected works in four volumes] Zbortvolau u chatyrokh tamakh. [Minsk, Belarus']
 Vol. 2. [So that one may know. On stone, iron, and gold. On the load] Kab vedall. Na kannal, zhaleze i zolatse. U daroze. 1906. 526 p.
- TARSIS, V.IA. [Word No 7] Palata No.7. [Frankfurt am Main] Posev, 1966, 146 p. (OU)
- TELEUKE, VIKTOR [Deer Island] Insula cherbitor [Kishhueu] Lumina, 1986, 74 p [In Moldavian]
- TELEUKE, VIKTOR. [Verse] Versur'. Kishineu, Kartia Moldoveniaske, 1986 192 p (Kolektstia "Aurora") [In Moldovian]
- TERESHCHENKO, G.M. [With the first rocket, a tale] Pervol raketol, povest'. Khar'kov, Prapor, 1965. 94 p. (MH)
- TIMCHENKO, V. P. [Frank talk, lyrics and satire]

 **max_over aachistotu; lirika i satira. Khar'kov, Praper,
 1965. #6 p.
 (IU)
- TITOV, R.IU. [There is a man by your side, a tale and four stories] S toboth riadom chelovek, povest' i chelyre rasskaza. Tallinn, Estonskoe gos.izd-vo, 1963. 164 p. (NIC)
- TIUTCHEV, F.I. [Leaves] List'la. [Moskva, Gos.izd-vo detskoi lit-ry, 1963] 31 p. (Kniga za knigoi) (CoU)
- TIUTIUNNYK, H. M. [The bud; stories] Zav'iaz', opovidamia. Kylv, Molod', 1986, 157 p. (MH)
- TOLSTOI, L.N. [L.N. Tolstoi on literature, articles, letters, diaries] L.N. Tolstoi o literature; stat'i, pis'ma, dnevniki. Moskva, Gos.izd.vo khudozh. lit-ry, 1965. 763 p. (OCIW)
- TOLSTOI, L. N. [Yusnaya Polyana, stories from an ABC book, fairy tales, fables, proverbs, and riddles] IAsnaia Poliana; rasskazy iz azbuki, skazki, basni, poslovitsy, zagadki. [Meskva, Gos. izd-vo detskoi lit-ry, 1960] 117 p. (PP)

- TOMOJI, ABE. [The white obelisk, a novel. Translated from Japanese] Belyl obelisk, roman. [Moskva, Progress, 1966] 174 p.
- TOOMING, OSVALD [Six stories] Kuns juttu Tallina, Eesti Raamat, 1966 291 p. [In Estorian]
- TORIN, VLADIMIR. [Yesterday they were youngsters; a novel] Vchera byll podrostkami, roman. Izd. 2. Kiev, Molod, 1965. 302 p. (p.nll)
- [TREASURES OF WEDOM, Ukrainian folk tales, legends, anecdoles, riddles, proverbs, etc.] Skarby mudrosti, ukrains ki narodni kazky, legendy, anekdoly, zahrdky, prysity la in Kyiv, Radians ka shkola, 1966
 216 p (Shkil'na biblioteka)
- TRIAPKIN, N.I. [Slivet ponds] Setebi Linyt prudy. Mosłya, Sovetskaja Rossila, 1966. 109 p. (IEN)
- TSERETELI, GEORGII. [The first step. Translated from the Georgian] Pervyi shag. Tbillisi, Literatura da Khelovneba, 1965. 510 p. (NNC)
- TSVETAEV, B.N. [Wind from the fields] Veter a polch [Lipetsk] Lipetskoe knizhnoe izd-vo, 1961 22 p (MH)
- TSYTOVYCII, I. P. [Staphony of a thunderstorm, poetry] Symfoniia hrozy, poezii. Kriv, Dnipro, 1863–148 p.
- TUIARSKII, KONSTANTIN. [Traveling village, vol 60, Translated from the Yakut] Pokhodnaia derevnia, stikhi, Moskva, Gos. izd-vo detskoi lit-1y, 1990, 29 p. (NN)
- TURKOV, A.M. Saltykov-Shchedrin. [Izd. 2., Isin. 1 dop.] Moskva, Molodaia gvardin, 1965. 360 p. (Zhizn' zamechatel'nykh Hudei. Serita blografti, no. 22) CaOTU
- TURMANZHANOV, UTEBAI. [Selected works. Irbiannoe. Ahna-Ata, Zhazushy] 1965. 353 p. [In Kazakti]
- TVARDOVSKII, A. f. (House by the road, a poem) Dom u do ogi, poema, Moskva, Gos. Izd-vo detsl of lit-ry, 1959 '75 p. (Shkol'nala bibliotoka) (MoSU)
- TYMCHUK, VIKTOR, [A piece of blue sky, s'or les]
 Okratels' syn'oho neba, opovidannia, Kylv, Molorl',
 1965, 126 p.
 (CaoTu)
- UDOVYCHENKO, IU.P. [At the mountain pass] Na perc vall. Odesa, Majak, 1966. 106 p.
- UKHLI, V.V. [People of Shurgel; a novel] Shurkelagin, roman, Shupashkai, Chavash ASSR keneke Lidatel'stvi. [In Chavash] Pt. 2. 1966. 187 p.
- UTKOV, V.G. [Born in the midst of bad weather]
 Rozhdennyi v nedrakh nepogody. Novosibirsk, [Za-padno-Sibirskoe knizhnoe izd-vo] 1966 417 p.
- VACLAVIK, ANTONIN, [The art of psychological maxly sis in the work of Mikhail Sholokhov] Iskusstvo psikhotogicheskogo analiza v tvot chestve Mikhaila Sholos khova. Prague, Statul pedagogicke naklad., 1962 135 p. (Olomoue, Moravia-Palackeho universitela Filosoficka fakulia Philologica, no 6)
- VACZEMNIEKS, LAIMONIS. [Boys of Livsala] Livsala lastein; lastein; lastein; [In Latvim]
- VASIL'EV, A.S. [We didn't surrender] My ne scialis'. [Saratov, Privolzhskoe knizhnoe izd-vo, 1965] 177 p. (NRU)
- VELENGURIN, N.F. [Literary portraits] Literaturny portrety [Krasnodar] Krasnodarskoe knizhnoe kzd vo, 1986, 340 p.
- VERKHOVSKII, VIACHESLAV. [A true story of the nac tains] Gornala byl'. Sukhumi, Alashara, 1965. 79 (MH)
- VINOGRADOV, I. I. [Responsible to the times; notes on the rural sketch of the liftles] V ofvote u viernent; zametk o derevenskom ocherke ptatidesintykh godion Moskva, Sov. pisatel', 1988. 191 p.

- VINONEN, R 1. [A moment, verse] Mgnoven'e, stikhi. Moskva, Sovetskii pisatel', 1966 | 86 p (MH)
- VLESTARU, B.M. [A 100f above the head] Akopenish de asupna kapului Kishineu, Kantia Moldoveniaske, 1966. 153 p. [In Moldavian]
- VODE, GEORGE. [Autumnal lights, verse Osennie ogni, stikhi, Kishinev, Kartla Moldoveniaske] 1965 91 p [in Moldavian] (MH)
- VOISHCHEV, IU.T. [I am waiting for father, a tale]
 IA zhdu oltsa, povest'. Voronezh, TSentral'neChernozemnoe knizhnoe izd-vo, 1965. 86 p.
 (MII)
- VOLCHEK, IAKOV [Court chronicle, a play in three acts] Sudebna ia khronka, p'esa v trekh deistvinkh. Otv.red N Skegina Moskva, Otdel rasprostranenila dramaticheskikh profesenti VUOAP, 1986. 75 1
- VSESOIUZNAIA GOSUDARSTVENNAIA BIBLIOTEKA INOSTRANNOI LITERATURY. [Branislav Nusic, a bio-bibliographic index] Branislav Nusitich, biobibliograficheskil ukazatel', Moskva, Kniga, 1965, 68 p. (Pisateli zarubezhnykh stran) (CaOTU) (MH)
- VŠESOIUZNAIA GOSUDARSTVENNAIA BIBLIOTEKA INOSTRANNOI LITERATURY [Works of Soviet writers translated into for eign languages; separate for eign editions, 1958-1964, a bibliography] Proizvedeniia sovetskikh pisatelci v perevodakh na inostrannye iazykt; oddel'nye zarubezhnye izdaniia 1958-1964, bibliograficheskii ukazatel'. Moskva, Kniga, 1966 361 p.
- VSESOIUZNYI INSTITUT NAUCHNOI I TEKIINICHESKOI INFORMATSII. [Preliminary communication concerning the deciphering of the Khitan writing] Predvaritel'nov soobschenie o deshifrovke kidan'skogo pis'ma, Moskva, 1964. 35 p. (Mil)
- VYRYPAEV, P.A. [Lermontov 15 with us, the M.IU. Lermontov State Residence Museum. A guidebook] Lermontov s mami, Gosudarstvennyi muzel-usad'ba M.IU. Lermontova, Putevoditel'. Saratov, Privolzhskoe knizhnee 1zd-vo, 1966. 87 p.
- VYSHNIA, OSTAP. [Smiles] Usmishky. Kylv, Daipro, 1965. 325 p. (CaAEU)
- [THE YOUNG PERSON, literary and at tistic collection] Molodot chelovek, literatus no-kludozhestvennyi sbornik: [Perm'] Per mskoe knizimoe izd-vo, No. 3, 1964, 390 p.

- [YOUTH, selected works, 1955-1965] IUnost', 17b1 annoe, 1955-1965. Moskva, Pravda, 1965, 793 p. (IEN) (NN)
- ZABILA, NATALIIA. [Katrusia is atready a big girl, tales] Katrusia uzhe bol'shala; povesti. Moskva, Detskala lit-ru, 1966 206 p.
- ZAIATUEV, G.N. [First newspapers of revolutionary Mongolia] Pervye gazety revolutsionnoi Mongolii Ulan-Ude, 1962, 53 p.
- ZALYGIN, S.P. [Paths of the Aliai, a novel. On the Irtysh; a tale. Stories] Tropy Altaia; roman. Na Irtyshe; povest'. Rasskazy. Moskva, Khudozh litra, 1966. 586 p.
- ZARAKHOVICH, IA A [Molasses; a tale] Malias, povest! [Kaliningrad] Kaliningradskoe knizhnoe izd-vo, 1966. 265 p
- ZAZUBRIN, V.IA. [Two worlds, a novel] Dva mira, roman. [Barnaul, Altaiskoe knizhnoe izd-vo, 1966] 194 p.
- ZHISLINA, S.S. [Kind light from afar; true stories about L.N. Tolstol] Dobryt svet izdaleka, nevymyshlennye rasskazy o L.N. Tolstom, Moskva, Sovetskii pisatel', 1960, 264 p.
 (1911)
- ZHUKHOVITSKII, L.A. [I am going after a crane; stories and a tale] Idu za zhuravlom; rasskazy i povost'. [Moskva, Sovetskaia Rossita, 1966] 100 p. (MH)

- ZIBOROV, E.A. [Soldiers walk after the sun, stories and a tale] Soldaty idut za solntsem, rasskazy i povest*. Tula, Priokskoe knizhnoe izd-vo, 1965, 187 p. (IEN)
- ZIEDONIS, It. AUTS. [Motorcycle] Motocikls. Riga, Liesma, 1965. 149 p. [In Latvian] (Mil)
- ZOLA, EMILE. [The conquest of Plassans. Translated from the French] Zavoevanie Plassana. Moskva, Pravda, 1857. 285 p.
- ZOLA, EMILE. [His excellency Eugene Rougon, Translated from the Trench] Ego prevoskhoditel'stvo Ezhen Rugon, Moskva, Pravda, 1957, 306 p. (OCI)
- ZOLA, EMILE. [The markets of Paris. Translated from the French] Chrevo Parizha. Moskva, Pravda, 1957. 273 p. (OC1)
- ZOLA, EMILE. [Piping hot. Translated from the French] Nakip'. Moskva, Pravda, 1957, 366 p. (OC1)
- ZOLA, EMILE. [The trap. Translated from the French] Zapadnia. Moskva, Pravda, 1957. 365 p. (OCI)
- ZORIN, M. I., and I. Z. SHUL'KINA. [The flaming torch, a novel] Pylatushchil fakol, roman. Riga, Llesma, 1965, 520 p.
- ZOSHCHENKO, M.M. (Confession) Ispoved', Moskva, Izd-vo polit, Ili-ry, 1965, 62 p. (Khudozhestvennafa atelsticheskaia biblioteka) (CaAEU)
- ZUPANČIĆ, BENO. [Funeral repasts, Translated from the Stoventan] Pominky, Moskva, Progress, 1961. 244 p.
- ZVEREV, M.D. [Adventures of Buken, a true story about bitds and autmals] Priklluchenila Bukena, nevydumannye istorii proptits i zhivetnykh. Tashkent, Esh gvardita, 1966. 184 p.
- ZVOLINSKAIA, IU.1. [Didactic material on the Russian language for the third grade of the two-group school] Didakticheskii matorial po russkomu lazyku dita III klassa dvuktkomplektnoi shkoly. Izd. 3. Moskva, Gus. uchebno-pedagog. izd-vo, 1962. 198 p. (OU)

12. GEOGRAPHY & GEOLOGY

- AKADEMIIA NAUK SSSR, Institut einografii, [Peoples of Southeasten Asia] Narody IUgo-Vosiochnof Azil, Pod ted, A.A.Gubera i dr. Moskva, Nauka, 1960, 761 p. (harody mira: Etnograficheskie ochotki)
- AKADEMHA NAUK SSSR. Institut geokhimit i analiticheskoi khimit. [Geochemistry of the Variscian intrusive complexes of the northen a Tien Shan] Geokhimita varisskikh intruzivnykh kompleksov Severnogo Tian'-Shanta, [By] R. D. Gavrilin I dr. Moskva, Nauka, 1966. 246 p.
- AKADEMIIA NAUK SSSR, Oldolenie nauk o Zemle, Otdol monografielieskikh kollekteit. [Continental Upper Paleozole and Mesozole of Siberia and central Kazakhstan; blostratigraphy and paleontology] Kontinental'nyi verkinti paleozol i mezozol Sibiri i TSentral'nogo Kazakhstana, biostratigrafiia i paleontologila, Moskva, Nauka, 1866, 182 p. illus.
- AKADEMIIA NAUK SSSR, Sibirskoe etdelenie, [S.P. Krashenianikov in Siberia; unpublished materials] S.P. Krashenianikov v Sibiri, neopublikovannye materialy, Podgolovka teksta i vslup. stat'ia N.N Stepanova. Moskva, Nauka, 1986 230 p
- AKADEMIIA NAUK UZBEKSKOI SSR, Institut geologii i geofiziki. [Mountain glaciation of Uzbekistan and adjacent areas] Gornoe oledenente Uzbekistana i smezimykh territorii, Tashkent, Izd-vo "Fan" UzSSR, 1966, 116 p.
- AKHMEDBEILI, F.S. [Recent tectonics of the eastern part of the Greater Caucasus; on the borders of Azerbaijan] Neotektonika vostochnoi chasti Bol'shego Kavkaza, v predelakh Azerbaidzhana, Baku, Ed-vo Akad, nauk Azerbaidzhanskoi SSR, 1966. 200 p.

- ALEKSEEV, A.I. Gavrill Andreevich Sarychev. Moskva, Nauka, 1966–166 p. (Nauchno-biograficheskaia serija)
- ARKHANGEL'SKII, N. [A journey to the Island of Bali] Puteshestvie na ostrov Bali. Moskvu, Pravda, 1905. 46 p. (Biblioteka Ogonek, no. 36) (MH)
- [AUTUMN IN LVOV] L'vivs'ka osin' (L'viv, Kameniar, 1965] 1 v. (chiefly illus.) [In Ukrainlan, Russian, and English]
- BAKUMENKO, I T. [Regular quartz-feldspar intergrowths in pegmatites and their genesis] Zakonomernve kvarts-polevoshpatovye srastanija v pegmatitakh i ikh genezis. Moskva, Nauka, 1996. 171 p
- BORISENKO, L.F. [Rare and minor elements in ultrabasites of the Urals] Redkle i malye elementy v giperbazitali Urala, Moskva, Nauka, 1966, 222 p.
- BUSYGIN, E.P. [Rural Russian population of the middle Volga Valley, an historical and ethnological study of material culture, the middle of the 19th to the beginning of the 20th century] Russkoe sol'skoc maselente Srednego Povolsh'ia, istoriko-etnograficheskoe lastidovande material'not kul'tury (soredina XIX nach XX vv.).
 [Kazan'] Izd-vo Kazanskogo univ., 1966. 402 p
- [THE CITY OF IVANOVO, a photographic album] Gored Ivanovo, fotoal/bom. [IAreslavi'] Verkhne-Volzhskoe kulzhnoe izd-vo, 1966. 1 v. (chicily illus.) (CSI-il)
- [DNEPROPETROVSK, a bilef guidebook] Dnepropetrovsk; catt-if putevoditol'. Dnepropetrovsk, Promin', 1966. 236 p.
- DROBYSHEVSKII, V.I. [The reporting is done by the editor] Reportazh vedet redaktor. [Chelinbinsk] IUzhne-Ural'skee knizhmee izd-vo, 1964. 206 p. (CSI-H)
- EESTIMAA KOMMUNISTI.IK PARTEI <u>Keskkomitee.</u>

 <u>Pi opaganda- ja Agitatsiooniosakond.</u> Soviet Estonia
 in 1959-1965 Noukogude Eesti aastali 1959-1965.
 Tallinn, Eesti Riiklik Kii jastus, 1959. 40 1. (chiefly
 illus.)
- [GEOLOGICAL LITERATURE OF THE U.S.S.R., bibliographical yearbook for 1949-1950] Geologicheskala literatura SSSR, bibliograficheskii ezhegodnik za 1949-1950 gody Lentugrad, 1960 214 p.
- [GEOLOGY OF THE U.S.S.R.] Geologia SSSR. Glav. red A V Sidorenko. Moskva, Nedra.
 Vol 48 [Carpathians] Karpaty.
 Pl.1. Semenenko, N P., and others, eds. [Geological description] Geologic lesskoe opisanie 1966 538 p. map (insert)
- [GET ACQUAINTED WITH UZHGOROD!] Znakom'tes' Uzhgorod! Uzhgorod,"Karpaty," 1966. 63 p. illus.
- GORNUNG, M.B., and G.N.UTKIN. [Morocce; outline of its physical and economic geography] Marokko; ocherki po fizicheskoi i ekonomicheskoi geografii, Moskva, Mysl', 1966. 318 p.
- GRIGOR'EV, A.A. [Structural and developmental charactoristics of the geographical environment; selected theoretical works] Zakonomernosti strucentia i nazvitita geograficheskoi svedy, izbrannye teoreticheskie raboty. Moskva, Mysl', 1066. 381 p.
- [THE "HIGH CASTLE" HILL] Vysokył Zamok. L'viv, Kameniar, 1966. 37 p. Hlus. (In Ukrainian, Russian, and French)
- IHNATOV, V.M., and A.E.STARODUBTSEV. [Donetsk] Donets'k. [Donets'k, "Donkts," 1963] 1 v.
- UNET' UKRAINY. The youth of the Ukraine. Fotoal'bom. [Kylv, Molod', 1988. [2] p. (chiefly itius.) text (Insert) [in 6 languages]
- [KIEV] Kyiv, [Kyiv, Derzh, vyd-vo obrazotvorchoho mystetstva i muzychnol lit-ry, 1957] i v. (chiefly illus.)
- KORKLYSH, S. [Liepaja. Translated from the Latvian] Liepaia. Riga, Liesma, 1986. 53 p.
- KUKOVSKII, E.G. [Characteristics of the structure and physicochemical properties of clay minerals] Osobennosti stroeniia i fiziko-khimicheskie svoistva glinistykh mineralov. Kiev, Naukova dumka, 1966. 130 p.

- KYIVS'KYI DERZHAVNYI UMIVERSYTET. Geografichnyl fakul'tet. [Geography of Kier Province, atlas] Geogra-fila Kyivs'kot oblasti, atlas. Kyir, 1962. xvi p. 98
- [THE LAND AND THE PEOPLE, geographical calendar for 1967] Zemlia i liudi, geograficheskii kalendar 1967. Moskva, Mysly, 1966. 333 p. map (insert)
- MASHKOVA, G.B., and N.IA PODOPLELOV [Practical exercises in the physical geography of the U.S.S.R.] Praktakum po thrube skol geografii SSSN Pod red. A. M. Arkhangel'skogo Moskya, Vysshata shkota, 1966–195 p.
- MATSKEVICH, O.V. | A path across the century | Doroga chercz stoletie. Alma-Ata, "Kazal bstan," 1986.
- MIKLUKHA-MAKLAI, N.N. [A trip to New Guimea] Mandrivka na Novu Gvinefu. Kym, Veselka, 1965, 307 p. (CAAEU)
- NOVIKOV, L. A., and A. K. TARADANKIN. [On warm seas.] Morlami teplymi [Moskva, Sovetskala Rossiia, 1966] 166 p. illus
- NOVOSIBIRSKI INSTITUT INZHEREROV ZHELEZNODO-ROZHNOGO TRANSPORTA. [Geological field trips in surrounding area of Novosibirsk, methodological guide-book on geological practice for students specializing in construction in the Novosibirsk institute of Engineets of Raili oad Transportation] Geologicheskie ekskursti v okrestnositaki geologi Novosibirska, melodicieskoe rukovodstvo po vehebnoi geologicheskoi praktike stu-dentov strolictinoi spetsialinosti NIIZhTa. Novosibirsk, 1965. 76 p.

OSETROV, O.A. [Genesis of minerals, textbook for a course in "Mineralogy and geochemistry"] Genezis mineralov, uchebnoe posobie po sur su "Mineralogiia i gcothimilia." Mostva, Univ.druzby narodov, 1965. 121 p.

[MICROFILM]

- PANIUKOV, P.N. [Fundamentals of physical mineralogy and petrography] Osnovy fizicheskol mineralogii i petrografii. Mosk a. Mosk in tradiocief trouff i gotine elektronekhaniki.

 Pt. 1. [Fundamental: of physical mineralogy]
 Osnovy fizicheskol mineralogii. 1966. 68 p.
- PASHUK, A.I., and I.S. DERKACH. [Lvov. a brief illustrated guidebook] L'viv. maly! illustrovany! putivnyk, [L'viv] L'vivs'ke knizhkovo zhurnal'ne vyd-vo, 1962.
- POLOVINKINA, IU.1. [Structure and texture of cruptive and metamorphic rocks] Structury rickstury inverzhennykh i metamorficheskukh gornykh porod Moskva,
 - Nedra, Pt.2. Vol.2. [Metamorphic rocks] Metamorficheskie porody. 1986. 270 p
- PROIZVODSTVENNYI 1 NAUCHNO-ESLEDOVATEL'SKII INSTITUT PO INZHENERNYM IZYSKANIAM V STROI-TEL'STVE. [Loc'ss of the U.S.S.R.] Lessovye poro-dy SSSR Moskva, Nauka, 1988. 254 p.
- ROZENBLIT, G.A., comp. [Sukhum; a practical guide for tourists] Sukhumi, prakticheskii spravochilk turista. Sukhumi, Alashara, 1986—87 p
- RUSSIA (U.S.S.R.) Glavnoe upravlente geodezii i karto-grafti. [Railroads of the U.S.S.R., lines and stations] Zheleznye dorogt SSSR, napravlentia i stanisti. 2.1zd. Moskva, 1986—150 p.
- SAKHALINSKII OBLASTROI KRAEVEDCHESKII MUZEI, [Brief guidehoch for visitors to the Sakhalin Province Museum of Regional Studies] Kratkii sprayochnik dila posetitella, [Iuzhno-Sakhalinsk, Dal'nevostochnoe kalzhnoe izd-vo] 1966, 25 p.
- SHALMOV, A.I. [On the threshold of great secrets] Na poroge velikikh tain. Moskva, Mysl', 1966, 294 p. (Puteshestvila, privituchenila, fantastika)
- SHARUDO, 1.1. [Cretaceous paleogeography of the Sikho-te-Alin' Range] Paleogeografiia Sikhote-Alinia v melo-voe vremia. Novosibirsk, Nauka, 1966. 56 p.
- SHINKAREV, N.F. (Upper Paleozoic igneous activity of the Turkestan and Alay Ranges) Verkinepaleozoiskii magmatizm Turkestano-Alala. Leningr.univ., 1988. 150 p.

- [STUDY OF THE GEOLOGY OF THE U.S.S.R.] Geologi-cheshara fuchemost SSSR. Glav.red A.N. Assoy-skii i.dr. Moskva, Mauka. Vol.1 [Aturnansk Province, period 1956-1960] Min manishala oblast, period 1956-1960 No.1 [Published literature] Opublikovannye raboty, 1966—393 p
- SYDYKOV, ZH.S. [Underground waters of the Mugodzhar Hills and plains of the Mugodzhar Hill region, forma-tion, resources, and use] Podzemnye vody Mugodzhar i Primugodzharskikh ravnin, formitovanie, resursy i ispol'zovanie, Alma-Ata, Nauka, 1966, 414 p.
- TACHALOV, S.N. [On the Rybinsk Seil] Na Rybinskom more. Tareslavl', Verkhne-Volzhskoc knizimoe izd-vo. 1966. 94 p.
- [TOURISTS IN THE CARPATHIANS, a guidebook] Turisty v Karpatakh, putevoditel. Uzhgorod, "Karpaty," 1866, 280 p. Mus.
- VAZIINOV, A.N. [Analysis and forecasting of the stream-flow of the Caucasus] Analiz I prognovy stoka ick Kavkaza, Moskva, Gldrometeoizdat, 1966. 273 p.
- VOLKOV, A.M. (Environs of Perm; a guidebook for va-cationists) Okrestnosti Permi, amavechnik v po-moshch' otdykkatushchim Permi', Permiskoo kulzh-nor izd-10, 1965—101 p.
- VOLKOVA, V.S. [Quaternary sediments of the lower part of the Irtysh Valley and their hiostratigraphic characteristics] Chetecritchave oftozhenila alzov'ev li tysha i ikh biostratigraficheska in kharakteristika Novosibirak, Nauka, 1968—173 p
- VORONOV, A. A. [Topographical manual for tourists]
 Sprayechnik turista po topografii Maikop, Adygeiskoe
 knizhnoe izd-vo, 1963, 100 p,
 [MICROFILM]
- VSESOUZNOE VULKANOLOGICHESKOESOVESHCHANIE, 2d, Petropaylovsk-Kamchatskii, 1964, [Volconism and the subsurface structure of the earth, transactions] Vulkanizm I glubiunce structure Zemil, trudy. Moskva, Navice 1988. Vol.3, 1066, 118 p.
- ZHDANOV, V. V. [Metamorphism and deep structure of the northe-diordic (granulitic) series of Russian Lap-land] Mctamorfizm i glubhance streenic nerti-diordic-voi (granulitovoi) serii Russkoi Laplandli. Moskva, Nauka, 1866 64 p. [Rezul'taty Issiedovanii po mezhdusai odnym geofizicheskim procktam)

13. SCIENCE

- ABOV, III.G., A. D. GUL'KO, and P. A. KRUPCHITSKII. Pelatized slow neutrons; Poliarizovannye mediennye neitrony. Moskva, Atomizdat, 1966, 267 p.
- [ACHIEVEMENTS OF SCIENCE: Human and animal phys-iology, 1963] Riogi muki; fiziologifa cheloveka i zhivologih 1963. Moskva, Akad, nauk SSSR, 1965,
- [ACHIEVEMENTSO. SCIENCE Human and animal physiology, 1965] Rogi nauki: Fiziologiia cheloveka i zhivotnykh, 1965. Meskva [Akad, nauk SSSR] 1966. 225 p. (Serila: Biologiia)
- AKADEMIIA NAUK GRUZINSKOI SSR. Institut kibernetiki. Problems in the analysis of operations Voorcey is-sledovanila operatsii. Tbilist, Metsulereba, 1966.
- AKADEMIIA NAUK SSSR. Biblioteka, [Transpiration and its role in plant life, bibliographic index for 1950-1964]
 Transpiratslia i ec znachenie v zbirni rastenii, bibliograficheskii ukazatel 1959-1964, Sostavila N.N. TSvetkova, Pod rod, F.D.Skuzkina, Leningrad, 1968.
- AKADEMIIA NAUK SSSR. Dal'nevostochnyi filial. [Abstracts of reports from the assistent of the Council of the Far Eastern Branch of the Siberian Department of the Academy of Sciences of the U., S. R. on the results of research in 1864. Section of the Biological and Geographical Sciences] Traipy dekindov iz sessit Savota Dal'nevostochnyo filiala Sibil skogo otdolenita Akademii nauk SSSR po itogam nauchnykh issledovanti Akademii nauk SSSR po itogam nauchnykh issledovanti pod goda. Sektsila biologicheskikh i geograficheskikh nauk, Vladivostok, 1965. 25 p.
 [MICHOFILM]

- AKADEMIIA NAUK SSSR. Dal'nevostochnyt filtal.
 [Chemical studies of natural resources of the Far East. Abstracts of reports of the Council of the Far Eastern Branch of the Siberian Department of the Academy of Sciences of the U.S.S.R. on research results for 1964, section on chemical sciences Raimi chestle is bledowning prinodnykh resursov Dal'nego Vostoka. Tezisy dokladov i soobshebenii na sessii Soveta Dy filida SO AN SSSR po itogam nauchnyth issicdownii 1964 goda, sektsiia khimicheskikh nauk, Viadivostok, 1965, 34 p.

 [MICROFILM]
 - [MICROFILM]
- AKADEMBA NAUK SSR. <u>Flaiko-tekbnicheskii nasitut</u> [Aetophysical studies of supersome flows | Aerofizi cheskie issledovania bvet khavukovykh techenii Moskva, Nauka, 1967 301 p
- AKADEMIIA NAUK SSSR <u>Sektor seti apetatal'nykh</u> <u>bibliotek</u> |Chemistry of carbohydrates, a bibliograf indev, 1961-1964 | Khimiia uglevodov, bibliografich Skin ukazatel' (1961-1964) Moskva, Nauka, 1966
- AKADEMIIA NAUK URSR [Phystological and blochen cal principles of plant multition] Flytologo-blokhim rheskle osnovy pitanita rastenti. Kiev. Naukova dv ka, 1966–180 p. (Respublikanskii mezhvedomstver nyi sbornik Serita "Fiziologija rastenti")
- AKADEMIIA NAUK URSR. (Synthesis and physical chistry of polymors) Sintez i fiziko-khimila polimere Kiev, Naukova dumka 1966, 195 p. (Respublikan neziwedomstvennyi sbornik, Serita "Sintez i isske domanta nativorat") dovanie polimerov")
- AKADEMIIA NAUK URSR, Instylut zahal'noi ta ncory nichnoi khimii. [Chemistry of rare earth complex compounds] Khimiia komplekenykh soedinenii icel semel'nykh elementov. [Byl K.B. IAlsimirskii i d Kiev. Naukova dumka, 1966, 493 p.
- AKADEMIIA NAVUK BSSR. Instytut fiziki. [Calculati methods for lagers] Metody i aschota opticheskiki kvantovykh generatorov. Pod red. B. I. Stepanova Minsk, Nauka i tekhnika Vol. 1, 1968, 183 p
- BABKO, A.K., L.I.DUBOVENKO, and N.M.LUKO SKAIA. [Chemiltuminescence analysis] Khemiltu nestsentnyi analiz. Kiev, Tekhnika, 1966. 249 p
- BARKHATOVA, K.A., and V.V.SYROVOI. Atlas d gramm tsvet-svetimost zvezdnykh skoplenit i as sotsiatsii. Atlas of colour-magnitude diagrams clusters and associations. Moskva, Astronomic Son the Monday SECP. Son et Akad, nauk SSSR, Pt. 2, 1963, 1 v.
 - [MICROFILM]
- BEREZKIN, V.G. [Analytical reaction gas chrom raphy] Analiticheskaia reaktsionnaia gazovaia) matografija. Moskva, Nauka, 1966—183 ρ
- DIRIUKOV, D.A., ed. [Mechanisms of the activithe central neur on] Mekhanizmy defatel nosti transported in Mechanisms of the activities one one notiona. [By] G.A. Vartanian i dr. Moss Nauka, 1986, 262 p.
- BOURBAKI, NICOLAS, pseud. [Algebra, Translat from French] Algebra, Moskva, Gos. 12d-vo f matem. lit-ry, 1962-1965. 2 v. (His Elementy matematiki) (NIC)
- BUSYGIN, N.A. [Secret of longevity] Sekret dolf nosti. Perm', Permskoe kuizhnoe izd-vo, 198 [MICROFILM]
- BYT'KO, N.D. [Physics] Fizika, Moskva, Vys slikola
 - Ront Pls 3/4. [Electricity Optics and atomic tue] Elektrichesivo, Optika i stropnie Ltd. 2 1965, 316 p.
- CHATYS-SKIZYNSKA, HALINA. [Maturation pi the girl. Translated from Polish] Per lod so niia devushki. Izd. 3. Moskva, Meditalaa, 1 63 p. (Nauchuo-populiarnaia literatura)
- CINOVSKIS, R., and A.SABLIS. [Advice to mus pickers] Padomi senotajiem. Riga, Liesma, 104 p. illus. [In Latvian]
- DANILIUK, I.I. [Lectures on boundary value par for analytic functions and on singular integral tions, for students of Novosibirsk State Unive Lekisti po kraevym zadacham dita analitiches tsi i singularnym integral'nym uravneniam dentov Novosibirskogo Gosuniversitela. Nov Novosibirskii gos.univ., 1964. 225 p.

- DUBININ, N.P. [Theoretical bases and methods of I V Michurin's work] Teoreticheskie osnovy i metody 1 abot I.V.Michui ira Moskva, Prosveshchenic, 1966
- EIDUSS, Z. [Enchantress lives in Latvia] Brimumdare mit Latvija Riga, Liesma, 1966—153 p. [In Lat-
- EINSTEIN, ALBERT. [Collected scientific works] Schranie nauchnykh trudov. Moskva, Nauka, 1965-(CU)
- ELISEEV, V.G., IU.N.KOPAEV, and I.R.KILACHITS-KATA. Nomina histologica. Moskva, Meditsina, 1965, 181 p. [In 5 languages]

- FILIMONOV, L. [Landing in a cloud] Desant v oblake, Leningrad, Gidrometoolzdat, 1966, 126 p. (Na sushe, v more, v vozdukhe)
- [FLORA OF ARMENIA] Flora Armenii. Ped red. A. L. Takhtadzhiana. Erevan, Izd-vo Akad. nauk Armianskol SSit. Vol. 5. Paconlaceae - Salicaceae. 1966. 382 p.
- FRANK, G.M., and V.G.ASTAKHOVA. [Life of the cell] Zhizn' kleiki. Moskva, Znanie, 1967. 45 p. (Novoc v zhizni, nauke, tekhnike. XII Seriia: Estestvoznanie i religiia, no.1)
- GEL'FOND, A.O. [Residues and their applications] Vy-cliety i lkh prilozhentia. Moskva, Nauka, 1968. 110 p.
- GORDOV, V.S. [Programmed instruction on the subject of "Elements of differential calculus." Topic "The derivative." Lessons 1-2, methodological textbook for derivativa." Luggons 1-2, methodological education to technical schools] Programmirovannoe obuchenie po razdelu "Elementy differentsial'nogo ischislenila." Tema: "Proizvodnala," Uroki 1-2, metodicheskoe posobie dila teklmikumov. Moskva, Uchebno-meto-dicheskii kabinot Mosgorsovnarkhoza, 1965. 32 p. [MICROFILM]
- GOR KOVSKII GOSUDARSTVENNYI UNIVERSITET BY KOVERH GUSUDAIGTVENNYI UNIVERSITET

 [Bi icf manual on the qualitative method of analysis
 without hydrogen sulfide] Kratkoe rukovodstvo po
 kachestvennomu besserovodorodnomu metodu analiza

 [By] V.G Gunira i di. Izd.2. Pod red I M.Korenmana. Gor'kii, 1995. 73 p.

 [MICROFILM]
- GORODSKAIA KONFERENTSHA PO VOPROSAM OB-SHCHEI I PRIKLADNOI FIZIKI, Alma-Ata, 1965, [Some problems in general and applied physics, trans-actions] Nekotorye vopiosy obshchoi i prikladnoi fiziki; trudy. Alma-Ata, Izd-vo "Hauka" Kazakhskoi SSR, 1966. 200 p.
- GRAHAM, SHRLEY. [Your most humble servant Translated from the English] Vash pokornyi sluga Red.
 V. Markina. Moskva, Ed-vo inosti lit-ry, 1962. 221 p (OU)
- GRIGOR'EV, V.I., and G.IA.MIAKISHEV. [Forces in nature] Sily v prirode. Izd 2 ,dop. Moskva, Nauka, 1966 400 p.
- GROMOV, V. V. [Short course in radiochemistry] Kratkii kurs radiokhimii, Pod red, I, N. Plaksina. [Moskva] Metallurgiia, 1966. 243 p.
- GUL¹, V.E., and V.N.KULEZNEV. [Structure and mechanical properties of polymers] Struktura i mekhanicheskie svoistva polimerov. Moskva, Vysshaia shkola, 1966. 312 p.
- [HANDBOOK ON THE CLIMATE OF THE U.S.S.R.]
 Sprayochnik po klimatu SSR, Leningrad, Gidrometeotzdat,
 No. 3. [Karelian A.S.S.R., Leningrad, Novgorod,
 and Pskov Provinces] Karel'skata ASSR,
 Leningradskata, Novgorodskata i Pskovskata

 - oblast.
 Pl. 2 [Atmospheric and soil temperature]
 Temperatura vozdukha i pochvy. 1965. 342 p.
 No. 5. [Latvian S. S. R.] Latviiskain SSR.
 Pl. 1. [Solar radiation, radiation balance, and
 sunshine] Solnechnaia radiatisia, radiatsionnyi
 balans i solnechnoe sitanic. 1966. 48 p.
 No. 35. [Khabarovski Territory and Amur Province]
 Khabarovskii kral i Amurskaia oblast.
 Pl. 2. [Atmospheric and soil temperature]
 Temperatura vozdukha i pochvy. 1968. 312 p.
 No. 27. [Expendetk Province] Kamchaiskaia
 - No. 27. [Kamchatka Province] Kamchatskaia obbast'.
 - oblast', Pt. 2. [Almospheric and soil temperature] Temperatura vozdukha i pochvy, 1966, 181 p, No. 34. [Sakhalin Province] Sakhalinskaia oblast', Pt. 2. [Almospheric and soil temperature] Temperatura vozdukha i pochvy, 1966, 201 p,

- HARVARD UNIVERSITY. Computation Laboratory.
 [Tables of the error function and of its Hist twenty derivatives] Tablitsy funktsit oshibos I ee pervykh dvadtsati proizvodnykh. Meskva, Vychlesitel'nyi tsentr AN SSSI, 1065. vvi, 276 p. (Biblioteka matematicheskikh tablits, no. 33)
- HZHYTS'KYI, V.Z. [Petryk's stocks, stocks about birds] Petrykovi chornohuzy, opovidanija pro ptakhiv. Kyiv, Veselka, 1966. 62 p.
- IASTRZHEMBSKII, A.S. [Thei modynamics and the history of its development] Tei modinamika i istorita ee razvittia Moskva, Energiia, 1986. 666 p
- ISKHAKI, IU.B., and A.A.ZHAVORONKOV. [Poisonous animals, poisonous and the apeutic properties of poisonous animals in Tajikistan] IAdositye zhivotnye, ottavilatushchie i lechebnye svoistva iadovitykh zhivotnykh Tadzhikistana. Dushanbe, 116n, 1964. 74 p. [MICROFILM]
- IVANOVA, L.S. [Fundamentals of partial differential equations in mathematical physics, supplementary chapters to a course in higher mathematics] Nachal-nyo svedenila o differentsial/nykh uravnenilakh s chastymi proizvodnymi matematicheskoi fiziki; dopolni-tel'nye glavy k ku su vysshei matematiki. Pod red. Kh. A. Smir novol. Moskva, Mosk, poligi. In-t, No. 3. 1965. 44 p.

[MICROFILM]

- KAPITSA, P. I., [Physical problems] Fizicheskie zadachi. Moskva, Znanie, 1966, 15 p. (Novov v zhizmi, nauke, teklnike, IX Seriia Fizika, matematika, astronomiia,
- KOKOVIN, N.S. [Radiotelemetry of atmospheric sounding] Radiotelemetriia zondii ovanila atmosfery. Leningrad, Gidrameteotzdat, 1986. 181 p.
- KOMSOMOL'SKAIA GIDROMETEOROLOGICHESKAIA
 OBSERVATORIIA. [Kuybyshev Reservoir; annotated Index of published and manuscript works by members of the Communist Youth League Hydrometeorological Observatory from 1957 to 1984] Kuibyshkovskov vodokhranilishche, annotirovannyl ukazatel' opublikovannykh i rukopisnykh rabot sort udnikov Komsomol'skoj gidrometeorologicheskoj observatorit s 1957 po 1984 gg. Pod red. P. I. Nikulina I v M. Shirokova. Tol'iatti, 1984, 97 p.

(MICROFILM)

- KONDRAT'EV, K.IA., E.P.BORBENKOV, and A.A. MOROZKIN. [Practical use of data from meteorological artificial satellites] Prakticheskoe ispol'zovanie dannykh meteorologicheskikh sputnikov. Leningrad, Gidrometeolzdat, 1986. 375 p illus.
- KOSTARUVA, Z.G. [Analytic geometry] Analiticheskafa geometrila, uchebnoc posobie. Leningrad, Severo-Zapadnyi zaochnyi politekhn.in-t, 1965. 259 p. (Uchebnoe televidenie)

[MICROFILM]

- KRUZIIILIN, A.S., and Z.M.SHVEDSKAIA. [Biology of biennial plants] Mologiin dvuletnikh rastenii. Mo-skva, Nauka, 1966. 325 p.
- KUTSENKO, A.N., and IU.V.RUBLEV, eds. [Problems for a general physics course] Sbornik zadach po obsichemu ku su fiziki. [B.] L. G.Gur'ev i dr. Moskva, Vysskaja sikola, 1968—407 p.
- LATIL, PIERRE DE. [Enrico Fermi. Translated from the French] Enriko Fermi. Moskva, Atomizdat, 1968, 146 p. illus. (CU)
- LEVANT, C.E., and G.A.RAITSYN. [Laboratory manual on general chemistry] Praktikum obshchei khimii. Izd. 3., perer.i dop. Moskva, Vysshata shkola, 1966.
- MEKHTIEV, S.D. [Nitriles] Nitryly. Baku, Azerbal-dzhanskoe gos. izd-vo, 1966. 466 p.
 - -- of northeastern Armonti, 1964, 310 p.
- MIKHEL'SON, V.S. [Elements of computer mathematics] Elementy vychtslitel'noi matematiki. Izd. 2., perer.i dop. Moskva, Vysshaia shkola, 1988. 274 p.

- MIRONOV, K.E., and L.A. CHERNIKOVA. [Rate earth elements (including scandium and yltr ium), a bibliographic index, 1958-1962] Redkozemcl'nyo elementy (vkiluchaia skandil i ittrif), bibliograficheskil ukazatel' (1958-1962 gg.). Novosibirsk, Gos. publ. nauchnotekhu. d liete a, 1964. 694 p.
- MOSKOVSKII INZHENERNO-FIZICHESKII INSTITUT. [Interaction between radiation and matter] Vzalmo-deistyle izluchenita s veshchestvom, sbornik statel Podred A LAlekseeva Moskva, Atomizdat, 1986
- NAGIBIN, F.F. [Extrema, textbook for senior high school students] Ekstremumy, posoble difa uchashchikh-sia starshikh klassov Moskva, Prosveshchente, 1986—119 p. (Biblioteka shkol'nika)
- NAKHIMSON, L.M. [Programmed instruction in the field of "Elements of integral calculus", textbook for technical schools] Programmi ovannoe chuchenic porazeleiu "Elementy integral nogo ischistenia", posobic dila tekinikumov. Moskva, Uchchno-mctodicheskii kabinet Mosgorsovnai khoza.
 Pt.2. [The definite integral and its applications]
 Opredelemny integral i cgo prilozhenila. 1965.

8Ó p.

[MICROFILM]

- NOVIKOV, G.A., cd [Biology of for est birds and nni-mals] Biologiia lesnykh ptits i zver et. [by] G G Doppel'man i dr [zd.2., lspr i dop. (Moskva, Vys-shala shkola, 1986) 402 p.
- OB EDINENNYI INSTITUT IADERNYKH ESLEDOVANII,

 Laboratorita iadernykh reaktsii, [Klentification of
 Te lli by daughter isotopes of proton decay] Identifikatsia ül'te po doc hernim produktam protonnogo
 naspada [By] D.D. Bogdanov i dr. Dubna, 1967.
- OBTEDINENNYI INSTITUT IADERNYKII ISS LEDOVANII Laboratorlia neitronnoi fiziki [Neutron resonances of ci blum isolopes] Neitronnye rezonancy Izotopovabila [By] E. N. Karzhavinu, A. B. Popov, IU.S. IAzvitskii. Dubna, 1967. 33 p
- OB'TDINENNYI INSTITUT IADERNYKH ISSLEDOVANII. Laboratoriia teoretie beskoi fiziki. [Model of quasi-In-dependent quarks] O modell kvazinezavisimykh kvar-kov. [Bv] P.N Bogollubov Dubna, 1967. 29 p.
- NEV, I. IA [Analytic geometry on a plane, textbook for students of the Faculty of Mechanization of Agri-culture of the Novosibirsk Agricultural Institute] Ana OGNEY, I, IA itticheska geometrija na ploskosti, uchebnon posoble dla studentov fakul'teta mekhanizatsti sol'skogo khoziatstva NSKII Novoslbirsk, Zapadne-Sivirskoe knizhnoe izd-vo, 1905 110 p
- OPARIN, A.I. [Origin and initial development of life]
 Vozniknovente i nachal'noe razvitle zhizni (Moskva, Meditsina, 1966] 202 p.
- PARAMONOV, A.A. [Modern problems of the theory of avolution] Sovremennye problemy evoltutsionnol teo-rit. Moskva, Znanie, 1957, 31 p. (Nove v zhizni, nauko, tekhuike VIII Scrita: Biologila, no. 1)
- PETERSONS, J. [Operator working in fine organic synthesis] Smalkas organiskas sintezes aparatstradnicks. Riga, Zvalgzne, 1986—380 p. [In Latvian]
- PETROV, G.M. [Summary of lectures in the course "Theory, calculation and design of electronic analog computers"] Konspekt lektsti po kursu "Teorila, raschet i procktirovanie elektronnykh analogovykh vychisiliteliyykh mashin." Moskva, Mosk, aviatsionnyl intim. Sergo Ordzhonikidze.

 Pt 1. Rakhmanov, V. F., ed. [Linear blocks and computer devices for solving ordinary differential equations] Lineinye blokt i ustroistva vychisliteliykh mashin dila reshenila obyknovennykh differentialalnykh uravnenit. 1965, 129 p.

 [MICROFILM]
- PETROVSKII, K.S. [Fundamentals of rational nutrition] Osnovy ratsional nogo pilantia. Moskva, Znanto, 1966. 47 p. (Narodnyl universitet Fakul'tat zdoro-v'la, no.23)
- PiGULEVSKII, S.V. [Poisonous animals; toxicology of vertebrates] Iddovitye zhivotnye; toksikologiia pozvo-nochnykh. [Leningrad] Meditsina, 1966—395 p.
- POLIAKOVA, A.A., and P.A.KHMEL'NITSKII. [Intro-duction to the mass spectrometry of organic com-pounds] Vvedenie v mass-spektrometriju organiche-skikh soedinenti. Pod red. A.A. Potroya. Moskva, Khimita, 1986. 202 p.

- popriss, a. [Chamical elements to a situate and modifying Kinish be elementh data on a soliction. Rh. 6, Zvady zne, 1966, 60 p. [In Latvian]
- RAMM, V.M. [Alt orption of gives]. Absorbi alla pazov. Modera, khimita, limb. Bol p.
- RIADCHROY, D.I., and V.A.HDADDKHIN [Analytical chemistry of rate cath elementerand yit: ham] Analt-the kata I himfler oddozemethydde elementox Cata Hambooksi, Norba, 1966—379 p. (Serifa "Analithelesskaty I kimfler lementox")
- ROZENTELP, A.S., and B.I.JAKHINSON [Transferts and peneralized functions]. Perclibudacy optobsessy a distribution of the Montana, Navika, 1996—140 p.
- RUSIN, N.P. [The heat follower of our planet] [Teplovot ladare model planety Medica, Zuanie, 1987 63 p. (Novoe v zbizut, nuke, b) howe. XIII net ita; Nauka o
- SAVROP, 1.5. (Amind the benefity) Modelimita shi-yangda, Merkat, Vyaded chicola, 1990. 501 p.
- SPIROVRINA, k.V., and V.O. KIII AGIN. [Variational section and finds that identifiers. The selective and finds plants of highest mathematics with the fundamentals of mathematical stabilities. Themsel Land III | Variations estudy 1.0 h knowskeristiki, Vylonochayl methol, blodt polarina vynshol matematics osnovani metro dishested of at 1.1. Temy I 1.1. [Modwa] Profester, 1000, 10 p. [Mr. ROLLLM]
- SBCBLRBAKOV, H.B., and V.S. MALAKHOVSKII. [Sheatrowise in andyth geometry] Krufkti kurs atas-litcheskei geometrik. Tomok, Tzd-vo Tomoskogo univ., 1964. 386 p
- situli, A.M. [Macromolerula compounds] Vysokomolo-kultanye medinada, Mudiya, Vysadiala shkola, 1968,
- SHVAR18, L.M. [Bason and Ita compounder] Bor 1 ego mendinentia. Iti, t. Zintine, 1996. 29 p.
- SOVESHCHANK FO PHONE MAM DIPRAYLIAL MOSO PRESENT ACTION OF THE PROPERTY AND THE PROPERTY ACTION OF THE PROPERTY ACTION OF THE PROPERTY AND THE PROPERTY AS A PROPERTY OF THE PROPERTY AS A PROPERTY OF THE PROPERTY OF folometrille, [dokfuly], Morks t, Manket, 1967, 313 p.
- STRADYN', IA.P. [The dos Grettlupes, 1785-1822] Tudos frielges, 1785-1973 Merikva, Nauka, 1980.
- STREABOV, A.B., and R.J. SVI. ETTITISCH. [Table B of the pix (tal line) of neutral and fontzed atomic II, He, Ld, C, N, O, 1, Re, Na, Ma, Al, St, Cl, At, K, Ca, Th, Le, Cu, St, Xt, C, Tablitay spick-tailsylidid achieves with 1 fentzoramykh alomovi II, He, Ld, C, N, O, U, Re, Na, Mg, Al, 91, Cl, At, K, Ca, P3, Le, Cu, Re, Xe, Co, Mosl va, Atomizda, 1965. 198 p.
- TIRIBPEV, A.D. [Oponic unalysis, neterted works] Organizhaski undiz; izbrannye trudy. [Monkva] Izdaya Mosk. univ., 1960. 407 p.
- TRICORENKO, T.1. [Bischemistry of viruses] Blokhl-mila virusey, Mosky, Meditalus, 1986. 794 p.
- TRANKYDJIATI, N.B. [Viss] activity of the funcan body] Zhizuolottieffaciff organizma cheloveka. Mo-skya, Zhanie, 1958. Tip. (Norodny) universitet. Takulfet zdorovia, no 24)
- [TREES AND SHRIPPS OF U.S.S.R.] Percevia I sustaint-id ESSIL, [By] R.A. Borodini I dr. Moskva, Myel', 1966, 637 p. (Spranchulkt-optedoliteli geografa i puteshestvenika)
- TESHINSKII, G.K. [Space and the natural clightims of the earth] Kesmon triang privady Zemii. Moskva, Prosvesheheste, 1996. [18] p. (Novoc v 1840ke)
- VASHAUV, R.F. [Chemical plow] Entindchesion aveche-nic, Monkva, Zamile, 1967. 47 p. (Novoo v zhizut, manka, itshnike, Xistetia: Khimita, no.1)
- VERSHTEIN, E. G. [Collection of problems on electro-dynamica] Shordk zadach po elektrodinandko. Mo-skva, Vyashala shkola, 1966. 267 P.

- VERZILIN, N.M., and V.M.KORSUNSKAIA. [General methodology of teaching biology, a manual for students of pedagogateal institutes] Observata metodika prepodavanita biologii, uchebnoe posobie dila studentov pedagogatcheskikh institutov. Moskva, Prosveshchenie, 1966. 382 p.
- VITKEVICH, V.I. [Agricultural meteorology] Sel'sko-khozlaisti emnala meteorologila, Izd. 2., perer. Moskva, Kolos, 1966. 362 p. (Uchebniki i uchebnye posobin dha vysshikh cel'skokhozlaistvennykh ucheb-nykh zavedenil) (DNAL)
- VORONISOV-VI L'IAMINOV, B.A. [Advances in Soviet astronomy, 1917-1967] Uspekhi sovetskoi astronomii (1917-1967). Moskva, Zrante, 1967, 31 p. (Novoe v Zhizmi, nad e, tekhnike IX Sertia Fizika i astrono-mbia ve th mha, no. 1)
- VSPSOTUZNATA KONFERFNTSHA PO TFORH OBOLO-CHER I PLASTINOK, 6th, Baku, 1966. [Proceedings of the Sixth All-Union Conference on the Theory of Shells and Plates | Trudy, Moskva, Nauka, 1966.
- VSESOIUZNOE OBSICHESTVO CEL'MINTOLOGOV. [Materials for a scientific conference of the All-Union Helminthological Society, December, 1965] Materially k nauchnoi konferentali Vsesoluznogo obshehestva gel'mintologov, dckahr' 19 3 6. Moskva. Pt. 3. 1965, 286 p.
- VSESOIUZNYI S"EZD ANATOMOV, GISTOLOGOV I EM-BRIOLOGOV, 7th. [Abstracts of reports of the All-Union Congress of Anatomists, Histologists and Em-bi yologists] Tezisy. Tbilisi, Meisniereba, 1966
- ZHILLGOVSKAIA, N.N., and I.I.CHERNIAEV. [Chem-lstiy of complex compounds] Khimita kompleksnykh sordinenii Moskva, Vysahala shkola, 1906. 387 p
- ZHUKOV-VERIZHNIKOV, N.N. [Theory of genetic infor-mation, a theoretical and experimental essay] Teorita gene ilcheskot informatiji, teoreticheski i eksperimen-tal'nyi ocherk. Moskva, Mysl', 1966. 310 p.
- ZHURAVLEV, V.A. [Physics] Fizika, Izd. 2., ispr. I dop. Kiev, Zdotovija, 1966. 527 p.
- ZINOVA, A.D. [Guide to the green, brown and red algae in southern acas of the U.S.S.R.] Opredelitel zele-nykh, burykh i krasnykh vodoroslei iuzhnykh morel SSSR. Moskva, Nauka, 1987. 398 p.

14. MEDICINE

- ABRAMOVICH, K.G. [Functional diagnosis of cardio-pulmomary insufficiency in pneumokonfosts; methods of examining functions of respiration and blood circulation in patients with pneumokonfosts. Funktsional mais diagnostika legochno-se dechnoi nedostatechnosti pri pneumokonfozakh, metody issledovanila funktsii dykhanila i krovoobrashchemita u bol'nykh pneumokonfozami. Moskva, Meditsina, 1906, 82 p. (Bibliotoka prakticheskego vracha)
- ADZHI-MOLLAEV, A.A. [Primary tumors of the bones] Per vichnye opukholi kestoi. Tashkent, Meditsina, 1066. 92 p. illus. (DNLM)
- AKADEMHA MEDITSINSKIKH NAUK SSSR. Institut
 eksperimental/not meditsiny. [Role of deep structures
 of the human brain in the mechanisms of pathological
 reactions, materials for a symposium, June 10-12,
 1965] Rol' glubokikh shuktur golovnogo mozga chelovoka v mekhanizmakh patologicheskikh readsisi; matorfaly k simpoziumu, 10-12 itunia 1965 g. Leningrad,
 1965, 120 p.
 (DNLM)
- AKADEMHA MEDITSINSKIKH NAUK SSSR. Institut eksperimontal not patologit i terapli. [Pathogenesis, clinical aspecies, and treatment of acute radiation sickness in experiments with apes, materials of an all-Union symposium] Patogenez, klinika i lochente ostrol uchovol bolezni v opytah na obez lanakh, materialy Vessoiuznogo simpoziuma. Pod red. B.A. Lapina. Sukhumi, Alashara, 1964. 75 p.

 (DNLM)

- AKADEMIIA NAUK URSR Instytut fiziologii. [Cytotoins in modern medicine] TSitoloksiny v sovremer-or
 - nus in modern medicine | Tsitoloksiny v boviemen-d meditsine. Kiev, Zdorov'ia vol 3 [Articles dedicated to the 120th anniver-sary of 1 1 Mechnikov's birth] Sbornik rabet, posviashchennyl 120-lettiu so dnia rozhdenita I 1 Mechnikova. 1986 234 p (DNLM)
- ALEKSANDROV, G.N. [Pathogenesis and conservative treatment of hemorrholds] Patogenez i konservatione leckenie gemorrola, 2. 12d. Tashkent, Izd-ve'Mcc-tbina" UrSSR, 1966. 86 p. (DNLM)
- AMBROS, MARIJA. [Education of children through the eyes of a doctor] Lastekasvaturest arati pilguga 2. parandatud ja talendatud trukk. Tallinn, Valgus, 1966—217 p. [In Estonain] (DNLM)
- ARONS, KARLIS. ["Thaumaturgists"] "Brimmdari." Riga, Liesma, 1966. 69 p. [In Latvian]
- ASIMARIN, I.I. [Practical medical microbioloy] Prakti-cheskula meditsinskala mikrobiologija, rukovodetro. 2. izd., lapr. i dop. Tashkent, Meditsina, 1966. 323 p. (DNLM)
- BAIMAKANOVA, S.SH. [Cancer of the larynx] Rak gortani. Alma-Ata, "Kazakhstan," 1966. 26 p. (DNLM)
- BAIMAKANOVA, S.SH., and M.K.MUSAGALIEV. [Prevention of cancer of the oral cavity and tongue] Provillaktika taka polosti rta 1 iazyka, Almu-Ala, "Kazzki stan," 1966, 22 p. (DNLM)
- BAKHADYROV, K.B. (Clinical significance of enzymati-indices of the intestine in some of its diseases) hit-nicheshoe znachenio fermentnykh pokazatelei kishack-nika pri nekotorykh ego zabolevanilukh. Pod red. E.I. Atakhanova, Tashkont, Meditsina, 1966. 118 p., (DNLM)
- BALITSKII, K.P., A L. VORONTSOVA, and A.M.KAR PUKHINA [Medicinal plants in the treatment of mail and tumors] Lekarstvennye rastenila v terapit z luka chestvennykh opukholoi. Kiev, Zdorov'la, 1966. 230 p. (DNLM)
- BELEN'KII, M.S., B. P. TURKO, and G. I. SHPIL'BFRG.
 [Health resorts of the Odessa resort area] Zdravolt
 Odesskogo kurortnogo ratoma, Izd. 2., Ispr. I dry.
 Klev, Gos. med. 1zd-vo USSR, 1962. 109 p.
 [MICROFILM]
- DERNSHTEIN, V.A. [Alcoholism and its sequence] At golizm i ego posiedstvita. Ed. 2. Moskva, Meditsi 1960. 22 p. (Nauchno-populiarnata meditsinska ia literatura) (DNLM)
- [BILAI, V. I. [Life dedicated to people; on the centena of the birth of Academician D K. Zabolotnyi] Zbytti. viddane Hudiam; do 100-richchia z dnia narodzherun akademika D K Zabolotnoho Kylv, Naukova du mka 1986. 79 p. (Naukovo-populiarna literatura)
- BODIAZHINA, V.I., ed. [Essays on the physiology of the fetus and the newborn infant] Ocherki po fiziolo ploda i neverozhdennego. Moskva, Meditsina, 1966 310 p. (DNLM)
- BOGDANOV, I.L. [Immune gamma globulins in the treatment and prevention of infectious diseases] In munnye gamma-glubuliny v terapii i profilaktike Infestonykh boleznei, Kiev, Zdorov'ia, 1965. 166 p. (DNLM)
- BRYZGALOVA, O.K. [Tuberculosis is cutable] Turkulez izlechim. Moskva, Moditsina, 1966, 32 p. (Nauchno-populiarnala meditsinskaia literatura) (DNLM)
- CHAKLIN, A.V. [Geography of malignant tumots] G graffia zlokachestvennykh opukholot. Moskva, Zra 1968. 48 p. (Novoe v zhizni, nauke, teklnike. VIII Serita Biologita i meditsha, no. 24)
- CHAMOKOVA, E.F. [Angiocholocystitis in children] Angiokholeisistity u detel. Moskva, Meditsina, 1966, 278 p. (Biblioteka prakticheskogo vracha) (DNLM)

- CHERKASSKII, B L. [Rables] Beshenstvo Moskva, Meditsina, 1966—19 p. (Nauchno-popultarnaja medi-Isinskala literatura) (DNLM)
- [DIARCTES MELLITUS AND DISCASES OF THE CYES] Sakhainyi diabet Labolevanila glaz. [By] M. G. Margolis i dt. Moskva, Meditsina, 1966, 172 p. (Biblioteka prakticheskogo vincha) (DNLM)
- D'IACHENKO, V.A. [X-1ay diagnosis of diseases of the internal organs, manual for doctors and students] Rentgenodiagnostika zabolevanii vnuti ennikh oi ganov, tukovodstvo dha vrachei i studentov 2 tzd., dop Moskva, Meditshia, 1966 504 p
- [ELECTRONARCOSIS IN SURGERY] Elektronarkoz v khu urgti [By] M I Kuzin i dt Tashkent, Meditsina UzSSR, 1986 182 p (DNLM)
- ENGEL TALER, E.S. [High calling, essays on people of a noble and restless profession] Vysokoe prizvanie, ochorki o lludiakh blagorodnoš i bespokomoj professii Riga, Llesma, 1966. 148 p
- FEDOTOV, D.D. [Sleep and its disorders] Son t ego 1458troistva, Moskva, Meditsina, 1966—54 p. (Nauchno-populiarnaia meditsinskala literatura) (DNLM)
- GERKE, R. P. [Hypnosis and suggestion] O glpmoze i vanishenii. Riga, Zinatne, 1966, 74 p. (DNLM)
- GOR'KOVSKII NAUCHNO-ISSLEDOVATFL'SKII INSTITUT TRAVMATOLOGII I ORTOPEDII. [Problems of traumatology and orthopedia, materials for an out-of-town scientific conference] Voprosy travmatologii i ortopedii, materialy k vyezdnoj nauchnot konferentsii Gor'kii, 1983–238 p (DNLM)
- GRANAT, N.E. [Aftereffects of abortion] Postedstviia aborta, Moskva, Meditsina, 1966. 31 p. (Nauchno-popullarnaia meditsinskaia literatura)
- GRIBANOV, Z.D. [All-Russian congresses of departments of public health and their significance for the practice of Soviet public health] Vscrossifiskie s"ezdy zdravotdelov i ikh znachenie dila praktiki sovetskogo zdravookhranentia Moskva, Meditsina, 1906. 191 p.
- GUS'KOVA, A.K. [Radiation and health] Radiatsila i zdorov'e, Moskva, Meditsina, 1906, 40 p. (Nauchno-popullarnala meditsinskala literatura) (DNLM)
- [HANDBOOK FOR DOCTORS OF POLYCLINICS] Poli-kliniku arsti teatmik. Tallinn, Valgus, 1966. 497 p (In Estonian) (DNLM)
- INSHAKOV, L.N. [Cancer of the rectum] Rak priamol kishki, Ahna-Ata, "Kazakhstan," 1966, 16 p. (DNLM)
- ISABEKOV, A.I. [How to prevent cancer of the lower and upper lip] Kak predupredit rak nizhnet i verkinet guby. Alma-Ata, "Kazakhstan," 1966. 24 p. (DNLM)
- KARPUKHIN, V.T. [Restoration of the urothma by means of homotransplant] Vosstanovicule urotry s pomoshch'iu gomotransplantata. Moskva, Meditsina, 1966. 154 p. (DNLM)
- KHVEDE LIDZE, G.V. [Mikhail Gedevanishvill; life, medical and research and public activity Mikhail Gedevanishvill; zhizni, vrachebno-nauchmala i obshchestvennata deiateli nosti. Tbilisi, lzd-vo Atad. nauk Gruzinskoi SSR] 1960. 173 p. [In Georgian]
- KIRGIZSKII GOSUDARSTVENNYI MEDITSINSKII INSTI-TUT. [Some results of scientific studies during 25 years] Nekotorye itogi nauchnykh issledovanii za 25 P., sbornik rabot. Frunze, "Kyrgyzstan," 1964. 165 p. (DNLM)

- KIRS PEINE-JAUNBRUNE, J [Growing medicinal plants]
 Arstniccibas augu audzesana Riga, Liesma, 1966. 72 p [In Latvian] (DNLM)
- KOLESOV, V. 1, ed. [Surgical treatment of coronary heart disease] | Khirurgicheskoe lechenie koronarnor bolezni serdisa | Leningrad] | Meditsina, 1966, 260 p. (DNLM)
- KRELIN, IU. Z. (Seven days a week, notes of a surgeon) Sem' dnei y nedellu, zapiski khlirurga. Moskva, Sov. Rossila, 1967. 165 р.
- LATYLIAS PADOMIU SOCIALISTIKAS REPUBLIKAS ZINATNU AKADEMIJA Miki obiologijas instituts [Vh uses in oncology] Vhusy v onkologija Riga, Zi-natne, 1988 353 p (DNLM)
- LITVINENKO, A.F. [Auscultation and phonocarding apply in congenital heart defects] Auskul'tatsila i fonokardin-grafita pri vi ozhdennykh por okakh serdisa, Kiev, Zdorov'ia, 1966. 118 p. (DNLM)
- LIVANOV, M.N., and V.M.ANAN'EV. [Electroencephaloscopy] Elektroentschiloskopiia, Moskva, Medgiz, 1959, 106 p. illus. (ICJ)
- LOKHMANENKO, V.A. [From animals to man] Ot zhivednykh cheloveku. Moskva, Meditsina, 1966. 53 p. (Nauchno-populiarnata raeditsinskata literatura) (DNLM)
- LUK'IANOV, v.S. [Work and health] Trud i zdorov'e Moskva, Zmanic, 1987 41 p (Narodnyi universitet; Fakul'tet zdorov'ia, no 1)
- L'VOVSKII GOSUDARSTVENNYI MEDITSINSKII INSTI-TUT. [Problems of neuropathology and psychlatry; abstracts of reports presented at a scientific con-ference, February 1-3, 1667] Vopn vsy nevropatologii I psikhiatrii; kratkoe soderziante doktadov nauchnot konferentsii, 1-3 fevralia, 1967 g. L'vov, 1966 289 p. (DNLM)
- MAKSUMOV, D.N., and I.A.AGZAMKHODZHAEV. [X-ray diagnosis of diseases of the biliary tract] Rentgenodiagnositiat abbelevinii zhelchnyki putei. Tashkort, Meditsina, 1986. 116 p. 11lus. (DNLM)
- MAREI, M.R., and A.O. POCHTAR'OV. [Laboratory manual of orthopedic stomatology; Introductory course] Praktykum z ortopedychnol stomatologii; propedevlychnyl kurs. Kylv [Derzhmedvydav URSR] 1984. 123 p. (DNLM)
- MARZEEV, A.N. [Notes of a public health physician] Zapiski sanitarnogo vracha. Kiev, Zdorov'ia, 1965.
- [MEDICAL RESEARCH DATA ON PROBLEMS OF STRENGTH IN TRAINING ATHLETES Voprosy stlovol podgolovki sportsmonov po dannym vrachebnykh issledovanii Moskva, Fizkul'tu a i sport, 1965. 194 p. (DNLM)
- MELENETS, I.V. [Measles and its prevention] Kor' i ee preduprezhdenle Moskva, Meditsina, 1985. 18 p. (Nauchno-populiarnaja meditsinskala literatura) (DNLM)
- MEZHENINA, E.P. [Cerebral spastic paralyses and their treatment] TSprebral type spasticheskie parali-chi i ikh lechenie. S predisl. i pod red. M.N.Gon-charovoi Kiev, Zdorov'la, 1986. 224 p. (DNLM)
- MEZHINSTITUTSKAIA KONFERENTSHA MOLODYKH UCHENYKH, 5th. [Current problems of chinical reentgenology and radiology; reports] Aktual'nye voprosy klinichaskoi rentgenologiti radiologit, dok-lady. Moskva, Gos. nauchno-issl. rentgeno-radiolo-glcheskii in-1, 1965. 338 p. [DNLM MICROFILM] [DNLM MICROFILM]
- MEZHINSTITUTSKAIA NAUCHNAIA KONFERENTSIIA
 PAMIATI L.A. TARASEVICIIA, 1965. [Materials
 of the Interinstitute Scientific Conference in Monory
 of L.A. Tarasevicii; strains, vaccines, sera and
 antibiotics] Materially, shtramny, vaktsiny, syvortki
 i antibiotiki, Moskva, Gos, kontrol'nyl in-t med,
 biologicheskikh preparatov, 1965. 365 p.
 IDNLM MICPOFILM [DNLM MICROFILM]

- MIROTVORTSEV, S.R. [Scleeted chapters] Libranaye glavy, Podited, K.S.Mirotvortsevol, [Leningrad] Meditsina, 1966, 389 p. (DNLM)
- MOROZKIN, N. I. and others. [Adenovirus infections] Adenovirusni zakiworuvannila. Kylv, Zdowov'la, 1964. 113 p. ilius. (Biblioteka praktychneho likaria) (INIX)
- [MULTIVOLUME MANUAL ON INTERNAL DISEASES] Magatomnos tukovodstvo po vnuh ennim belezniam. [Leningrad] Meditsina Vol.7. <u>Batanov, V G., ed</u> [Diseases of the endo-cine system] Bolezni indokrimnoi sistemy. 1988 | 675 p
- [MULTIVOLUME MANUAL ON PATHOLOGICAL PHYSIO-LOGY] Mnogotomnoe iukovodstvo po patologicheskoʻ fiziologii, Otv. red. N. N. Slitolin. Moskva, Meditelina, Vol. 4. Leltes, S. M., and S. M. Pavleroko, edg. [Pathological physiology of the digestive system, liver, endocrine and net vous systems] Patologic physiologia physiology in Patologic physiologic physiocheva it telvinol sistomy, pecheni, endoka hunoi i net vnoi sistem. 1986.
 548 p. (DNLM) (DNLM)
- [MULTIVOLUME MANUAL ON THE MICROBIOLOGY, CLINICAL ASPECTS AND EPHDEMIOLOGY OF INFECTIOUS DISEASES] Maggotomice i ukovodetvo po miko obiologii, klinike i epidemiologii Infektsionnykh boleznet, Moskva, Meditsina, Vol. 10 Studnitsin, A.A., ed. [Historical essay on the microbiology, epidemiology and clinical aspects of infections diseases, mycoses and diseases of mexplained ctiology] Istoricheskii ochola mikrobiologii, epidemiologii Ikliniki infektsionnykh boleznei, mikory i bolezni s nevyiasnemioi ctiologici. Red kollegia X toma A.M., Arievich i dr. 1966. 604 p.
- NAUCHNAIA KONFERENTSHA PO PROBLEME "FIZIO-LOGHA I PATOLOGHA KORTIKO-VISTSERIAL'NYKH VZAIMOOTNOSHENII I FUNKTSIONAL'NYKH SISTEM ORGANIZMA." [Materials of the Scientific Conference on the Problem "Physiology and Pathology of Contl-coviseeral Correlations and Functional Systems of the Body"] Materialy. Ivanovo, In-t fiziologii AN SSSR, Vols.1-2. 1965. 2 v.
- NEMEROVSKII, L.I., R.I.GOROKHOVSKAIA, and K.M. FIDERMESSER. [Analges in and automolgosia using the NAPP apparatus, handbook for the in practice] Analgezia i automolfgezia apparatum NAPP, prakticheskoe rukovedstvo. Moskva, Meditsha, 1966. 85 p. (Bibliotechka prakticheskogo vracka) (DNLM)
- ORNSHTEIN, C.G. [Fractures of the radius at the classic cal place] Perclomy luchevol kosti v klassicheskom meste. Kishinev, Karita Moldoveninske, 1965. 118 p. (DNLM)
- OSTAPCHUK, I.F., and E.N.BRUDNAIA. [Methods for the functional research on the cardiovascular system] Metody funktsional nykh issledovanil ser declino-sosu-distol sistemy. Klev, Zdorov'e, 1964. 221 p.
- OSTAPIUK, L.S., and T.S.PEVZNER. [Care for the neuropsychic patient at home] Ukhod za nervno-psi-khicheskim bol'nym v domaslnitkh uslovijakh. Moskva, Meditsina, 1966. 35 p. (Nauchno-populia) nata meditsinskaja literatura) (DNLM)
- PERVYI MOSKOVSKII MEDITSINSKII INSTITUT, [Motho-dological elaborations of practical studies of obstetries and gynecology on therapeutic and sanitary-hygienic faculities] Metodicheskie razrabotki prakticheskikh zanistii oo akusherstvu i ginekologii na lechebnom i sanitarno-gigienicheskom fakul'ietakh. Moskva, 1966. 160 p. (DNLM)
- PETCHENKO, A.I. (Gynecology, manual for doctors and students) Ginekologiia; rukovodstvo dlia vrachoi 1 studentov, Izd. 2., ispr.i dop. Kiev, Zdorovin, 1965, 618 p. (DNLM)
- PETROV-MASLAKOV, M.A., and I.I.KLIMETS. [Porl-natal mortality] Perinatal nata smortnost [Louin-grad] Meditsina, 1965. 217 p. (DNLM)

- POLIKANNA, R I. [Development of the higher nervous activity in premature infants during the early period of their life] Razvite vysaket nervou detatel most in nerionoshemiykh deteiv rannem periode zhizni [Leningrad] Mednisha, 1966 246 p.
 [DNLM]
- POPELIANSKII, IA.IU. [Cervical osteochondrosis, compression and reflex syndromes] Shemyi ustco-hondroz, kompressionnye i reflektornyt sindromy. Moskva, Meditsina, 1966, 283 p. (DNLM)
- POZDNUKHOV, L.G. [Sarcomas] Sarkomy Alma-Ata, "Kazakhatan," 1986. 36 p (DNLM)
- POZ DIJUKHOV, L.G., and V.A. RASPONOMAREVA.
 [Cancer of the breast] Rak molochnol zhelezy. Alma-Ata, "Kazakhstan," 1966. J6 p.
 [DNIAM]
- PUZIK, V.I. [Immunomorphological problems in tuberculosis] Problemy Immunomorfologii tuberkuleza. Most va, Aleditsina, 1966. 179 p. (DNIM)
- ROZENTUL, M.A. [Prevention of veneroal diseases]
 Preduprezhdenie venericheskikh zabolevanii. Moskva,
 Meditsina, 1968. 37 p. (Nauchno-popullarnaia meditsinskala literatura)
 (ONLM)
- RYBAKOV, A 1., G.M. IVASHCHENKO, and T.M. LUR'E. eds. [Manual on stomatology] Spratochuk po stomatologii Moskva, Meditsina, 1986 318 p (DNLM)
- SAFONOV, A.G., ed. [Teytbook for the training of nurses] Uchebnee posoble dlia podgotovki meditsinskih sestor. Moskva, Meditsina, 1966, 471 p. (DNLLI)
- [SANATORIUM AND HEALTH RESORT TREATMENT OF CARDIOVASCULAR DISEASES, materials for an interprovince scientific and practical conference to be field September 28-30, 1965] Sanatorno-kutornoe lechente serdechno-sosudistykh zabolovanil, materialy k mezhoblastnot nauchno-prakticheskot konferentsit 26-30 sentiabria 1965 goda, Chita, Chitinskit gos, med, in-t, 1065, 124 p. (DNLM)
- SHAMSIEV, S.SH. [Clinical electrocardiography in children] Klinicheskaja elektrokardiografija u detel. Tashkent, Meditsina, 1988. 217 p
- SHUKHARDIN, V. N. [Forest drugstore, wild-growing medicinal plants] Lesnata apteka, dikorastushchle lekarstvennye rastentia. 12d. 2. Perm., Permskoe kulzhnoe izd-vo, 1966. 147 p. (Priroda Permskoi oblasti) (PRILM)
- SMIRNOV, V.A. [Skin tumors and their prevention] Opukholi Lozhi i ikh profilaktika, Alma-Ata, "Kazakhstan," 1966. 37 p. (DNLM)
- SMIRNOV, V.A. [Treatment and prevention of disorders of cerchral blood cit culation] Lechenie i profilaktika rassi-olstv mozgovogo krovoolorashchenia Moskva, Meditsina, 1966. 234 p. (Biblioteka prakticheskogo vracia)
 (DNLM)
- SCHOLEVA, V.D., and Z.L.KRUGLIKOVA. [Clinical X-ray diagnosis of pulmonary lesions in respiratory infections in children | Kliniko-renigenologicheskala diagnositia tegochnykh porazhenii pri respiratornykh infektsiiakh u detei Moskva, Meditsina, 1986. 177 p. (DNLM)
- SOCHINSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT KURORTOLOGII I FIZIOTERAPH. [Materials of a scientific report session on the results of scientific works in 1963-1964 (February-May 1965)] Materialy nauchno-otchetnol sessil po itogam nauchnykn rabot za 1963-1964 gg. (fevral'-mai 1965 goda). Sochi, 1955, 287 p.

[DNLM MICROFILM]

SREDNE-AZIATSKII NAUCHNO ISSLEDOVATEL/SKII PROTIVOCHUMNYI INSTITUT. [Materials of a scientific conference on natural foct and prevention of plague, February 1983] Materialy nauchnol konferentsti po prirodnol ochogovosti i profilaktike chumy, revral' 1963 g. Otv red. M. A. Aikimaaev. Red. O. V. Atanas'eva i V. P. Khrusttselevskii Alma-Ata, 1983. 290 p.

[DNLM MICROFILM]

- [STIMULATION OF REGENERATIVE PROCESSES] Stimulirovanie regenerativnych protsessov [By] Z N Zaprudskaia i dr. Moskva, Mediteina, 1996 93 μ. (Biblioteka prakticheskogo vracha) (DNLM)
- STRUCHKOV, V.I., and A.V.GRIGORIAN. [Tumors of the lungs, diagnosts and surgical treatment] Opusholi legalish, diagnostika i khirungicheskoe lechenic. Moskva, Meditsina, 1964. 333 p. (DILIN)
- STUDENIKIN, M. IA., cd [Care, feeding and training of the Infant during the first year of life, manned for aurses and midwives] Ukbod, sakarminyanie i vospitanie rebenka pervogo goda zhizni, posobie dlia inciditsinskikh sester i akusherok [By] M. IA. Studenikin i dr. Moskva, Medlishia, 1906. 237 p. (Biblioteka si ednego mediabolnika)
- TARTAKOVSKAIA, A.I. [Prevention of eye lesions] Profilaktika povrezhdenii glaz. Moskva, Znanie, 1967. 28 p. (Narodnyi universitet: Fakul'tet zdorov'ia, no. 21
- TiAPUGIN, N.P. [Stammering] Zatkanie Izd 1 , per cr f dop. Moskva, Meditsina, 1968–154 p. (Biblioteka prakticheskogo vraciu) (DiLLM)
- TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII RENTGERO-RADIOLOGICHESKII INSTITUT, [Problems of radiobiology and clinical roentgenoradiology, Report session, content of reports, June 15-17, 1956] Voprosy radiobiologii i klinicheskoi rentgeno-radiologii. Otchetnala nuchnata sessiin, saderzhanie dokladov 15-17 itania 1966 g. Leningrad, 1966—114 p. (DNLM)
- UGLOV, F.G., V.P. PUGLEEVA, and A.M. IAKOVLEVA, [Compleations in intralinance operations] Oslozhnenita pri ynutrig udnykh operatsilakh. [Lenings ad] Meditsin, 1968, 442 p. (DNLM)
- UKRAINSKAIA NAUCHNO- PRAKTICHESKAIA KONFE-RENTSHA KHIRURGOV DETSKOGO VOZRASTA, 2d. [Surgery, traumatology and of thopedies in childhood, transactions] Khirurgila, travmatologila i ortopedija detakogo vozrasta, trudy. Kiev, Zdorovia, 1965. 272 p. (DNIM)
- VAINSHTEIN, E.S. [Cataract] Kalarakia, Moskva, Meditsina, 1966, 14 p. (Nauchno-populiarnata meditsinskala literatura) (DNLM)
- VERBOY, A.F. [Fundamentals of the apeutic massage] Osnovy lechelmogo massazha, Ed.5 perer i dop Mostva, Meditsina, 1988 303 p. (DNLM)
- VIKHLIAEVA, E.M. [Climacteric syndrome and its treatment] Rlimaktericheskit sindrom i ego lechenle, Moskva, Meditsina, 1966, 137 p. (Biblioteka prakticheskogo vracha) (DNLM)
- VINOGRADOV, I.V., and A.S. GUREEV. [Laboratory examinations in the practice of forensic medicine; reference book] Laboratornye issledovanila v "raddi" c sudebnomeditsinskof e.spettay, spravochnoe posoble, Moskva, Meditsina, 1966, 234 p.
- VOROSHILOVA, M.K. [Immunology, epidemiology and prevention of pollomyelitis and analogous diseases] Immunologila, epidemiologila i profilaktika pollomielita i skhednykh s nim zabolevanii. Moskva, Meditisina, 1866. 438 p. [DNLM]
- ZAKHVATKINA, I.A. [What can be expected from the microscopic study of tumors] Chie daet mikroskopicheskoe izuchenie opukholei Alma-Ata, "Kazakhstan," 1966. 27 p. (DNLM)
- ZASUKIIIN, D. N., ed. [Diagnosis of texoplasmosis] Diagnostika teksoplazmoza. Moskva, Meditsina, 1966, 180 p. (Biblioteka prakticheskogo vracha) (DNLM)
- ZHMAKIN, K.N. [Clinical lectures on gynecology] Klinicheskie lektsii po ginekologii. [Leningrad] Meditsina, 1988. 333 p. (DNLM)
- ZHUKOV-VEREZHNIKOV, N.N., I.K.MUSABAEV, and N.K.ZAVIALOVA. [Clinical aspects, treatment and prevention of cholera] Klinika, lechenie i profilaktika kholery. Tashkeni, Meditsina, 1866. 435 p. (DNLM)

ZHUKOVA, M.N., B.V. KLIUCHAREV, and V.1. ROZH-DESTVENSKII. [Surgical discuses of the bidneys and uretens] Khinu gicheskie zabolevanija pochek i niochztochnikov. [Luningiad] Meditsina, 1965, 506 p. (DNLM)

15 AGRICULTURE

- [ABC'S OF A FRUITGRONDIt, in questions and and a land Arbuka sadevoda, v voprovakh i otvotakh. Moskva, Kolos, 1966. 366 p. (DNAL)
- AKADEMIIA NAUK SSSR <u>Dat'nevostochnyl filtal Biologo-pochweanyl institut</u> [Han mful forest insocts in the Sovict Fan East] Vrednye nasekomye lesov sovetskogu Dal'nego Vostoka. Vladivostok, Akad nauk SSSR, 1966 184 p (DNAL)
- AKADEMIIA NAUK SSSR <u>Institut geografit</u> [Genesis and geography of soit, on the sixtleth bit thday of Academician Innokentit Petrovich Gerasimov] Genezis i geografia pochv,k shestidosiatiletini akademika Innokentita Petrovicha Gerasimova Moskva, Nauka, 1966 206 p
- AKADEMIIA NAUK SSSR. Sibh skoe otdelenie Institut

 1051 i drevestny [Abstracts of reports for a scientific
 conference on forest soft research, July 15-20, 1963]
 Tezis, dokladov k nauchnot konferentsti po lesnomu
 pochvovedentiu (15-20 liulia 1965 g.) Krasnolatsk,
 1965—215 p.

(MICROFILM)

- AKADEMIIA NAUK SSSR. Sibirskoe otdelente. Institut tsitologii i genetiki. [Experimental polyploidy in plant breeding]. Eksperimental naia polyploidiia v selektsii rastenii. Novosibirsk, Nauka, 1966. 347 p. (DNAL)
- ALEKSELVA, V.A., and N.N.KUL'BA (Use of post for litter; as exemplified by the "Gomontovo" State Farm) [spoil'zovanie toffa na podstilku, na opyte sovkhoza "Gomontovo" Leningrad, Kolos, 1965. 47 p (DNAL)
- ALIKHANIAN, S.I. [Theoretical bases of Micharin's theory on the transformation of plants] Teoreticlieskie osnovy uchenila Micharina o peredelke rastenii, Moskva, Nauka, 1966. 86 p.
- ASKOCHENSKII, A.N. [Land Hrigation and water supply in the U.S.S.R.] Oroshenie i obvodnenie zemiel' v SSR. Moskva, Schkhozidat, 1961. 35 p.
- ATLANTICHESKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT RYBNOGO KHOZIAISTVA I OKEANOGRA-FIL, (Antatette Frill, biology and fisheries) Antatetticheskii krii', biologija i promysel, Kaliningrad, 1965, 91 p. [MICROFILM]
- BALTAKMENS, R. [Prolonged use of milking cows] Slaucamo govju izmantosanas paildzinasana. Riga, Liesma, 1966 | 105 p. [In Latvian] (DNA L)
- BAMBERGS, K., ed [Fertilizers] Meslosanas IIdzr., H. Riga, Liesma, 1986, 286 p [In Latvian] (DNAL)
- BATOVA, V.M. [Agrocilmatic conditions of the Northern Caucasus; applicable to winter wheat] Agrocklimatiche skie resursy Severnogo Kavkaza, primenitel'no k ezimei pshenitse. Leningrad, Gidrometeor. izd-vo, 1986, 155 p. illus. (DNAL)
- BELORUSSKII NAUCHNO-ISSLEDOVATEL'S KII INSTITU ZEMLEDELIIA, [Breeding and seed production of field crops] Sciekislia i semenovodstvo polevykh kultur. Minsk, Urozhai, 1965. 377 p. (DNAL)
- BREZHNEY, D.D., and others. [Vegetables of the night shade family, tomato, common eggplant, black night-shade, pepino, huk-tomato, mandiake] Ovoshchnye pastenovye, tomat, baklazhan, cheinyi pasten, dyanai grusha, peiets, fizatis, mandragora. Moskva, Gos. izd-vosrkh.lit-ry, 1958. 531 p. (Kul'turnaja flora SSSR, no. 20)
- BRUVELES, J. [Intensification and specialization of ag culture] Lauksnimniecibas intensifikacija un speciali zacija. Riga, Liesma, 1966. 236 p. [In Latvian] (DNAL)

- DAVIDOV, R.B. [Principles of dairying] Osnovy molochnogo dela. Izd 2. Moskva, [Sel'khozgiz] 1957, 173 p. (Bibliotechka zhivolnovoda po krupnomu rogatomu skotu, no. 15) (DNAL)
- DUDOREY, M.A., and G L CHOBIT'KO [Seedling growing] Vyrashchivanie sciautaev Saratov, Privolzhskoe knizhnoe izd-to, 1966 89 p. (DNAL)
- DZHEBRAILOV, M.G. [Use of fertilizers for vegetables in the Apsheron Peninsula] Absheron sherattinde terevez bitkilerine kubrelerin verilmesi. Baky, Azerbajchan SSR Clmler Akademijasy neshrijjaty, 1966. 157 p. [In Azerbaijant] (DNAL)
- EFIMOV, V.N., G. LIATOKHA, and G. USPENSKII, [Varietles of and cultivation practices for truit and berry plants of the bouthern Baltic region] Sorta i agrotekhnika plodovo-lagodnykh kultur IUzhnol Pribattiki. [Kaliningrad] Kaliningradskoe kulzhnoe Izdvo, 1905. 206 p. (CU)
- FEDOROV, S.S. [Biology and fisheries of sea herring] Biologifa i promysel morakof sel'dl. [Moskva, 1966]
- [FEED PRODUCTION IN NORTHERN KAZAKHSTAN AND WESTERN SIBERIA] Koi mpi olavodstvo v Seven nom Kazakhstane i Zapadnoi Sibit i Moskva [Kolos] 1966, 399 φ. (DNAL)
- GERSHUN, M.S., and T.N. GUZEEVA. (Chemical method for weed control in forest nurseries and plantations in Central Asia) Khimicheskli metod ber'by s sornla-kami v lesnykh pitompikakh i kul'tu akh, v uslovitakh Srednei Azli. Moskva, Lesnaia promyshl., 1966. 50 p. (DNAL)
- GORSIKOVA, A.A. [Biology of steppe pasture plants in Transbalkalia] Biologiia stepnykh pastbishchnykh nastenii Zabalkal¹ia Moskva, Nauka, 1966. 271 p.
- GOSUDARSTVENNYI VSESOIUZNYI NAUCHNO-ISSLEDO-VATEL'SKII TEKHNOLOGICHESKII INSTITUT REMON-VATELISKU TEKHNOLOGICHISKU INSTITUT REM TA I EKSPLUATATSII MASHINNO-TRAKTORNOGO PARKA [Repair of machinety at agriculture repair enterprises] Remont stanochnogo oborudovanija na remontnykh predprijattijakh sol'skogo kho/laistva. Moskva, Biuro tekhn. Informatsii GOSNITI, 1965. 391 p.

[DNLM MICROFILM]

- GROT, V.A. [Lilies and their cultivation] Lilii i ikh kul'tura. [Moskya] Izd-vo Mosk, univ., 1966. 90 p. (Sredi prirody, no. 59)
- [HANDBOOK FOR SWINE BREEDERS] Seakasvalaja teatmik. Tallinn, Valgus, 1966 204 p. [In Estonian] (DNAL)
- HOIM, HARALD, comp. [Handbook for agronomists] Agronoomi teatmik. Tallinn, Valgus, 1966 246 p. [In Estonian]
- KAGAN, IU.S., E.N. BURKATSKAIA, and E.I. SPYNU.

 [Prevention of poisoning with toxic chemicals; abstracts of loctures | Profilaktika otravienti iadokhimikatami; konspekty loktsii. 2 izd. Moskva, In-t sanitarnogo prosveshcheniia, 1965. 67 p.

 [DNAL MICROFILM]
- KALNBERGA, RENATE, <u>and</u> INTA PETERSONE. [Furazolidone in animal husbandry] Furazolidons lopkopiba. Riga, Zinatne, 1966. 53 p. [In Latvian] (DNAL)
- KAMENETS-PODOL'SKII BOTANICHESKII SAD. [List of seeds proposed for exchange by the Kamenets-Podol'skiy Botanical Garden, 1964] Spisck semian, predlagaemykh v obmen Kamenets-Podol'skim botanicheskim sadom 1964. Delectus seminum quae hot tus Botanicus in Kamenets-Podolski pro mutta commutatione offert 1964. Kamenets-Podol'skii, 1965. 23 p. [Parallel texts in Latin and Russian] [DNAL MICROFILM]
- KAPTSINEL', M.A., ed. [Principles of fruit culture] Osnovy sadovodstva, [By] M.A. Kaptsinel' i dr. Moskva, Prosveshchente, 1988, 351 p. (DNAL)

- KARKLINS, J. [Fruit culture] Auglkopiba. Riga, Zvairz-ne, 1996. 671 p. map (insert) [In Latvian] (DNAL)
- KATSEIKO, A.N. [Breeding apple trees in Kazakhstan] Selektsiia labloniv Kazakhstane. Alma-Ata, Kainar, 1965. 206 р. (CU)
- KAZENAS, L.D. [Diseases of the agricultural plants of Kazakhstan] Bolezni sel'skokhozlalstvennykh rastenli Kazakhstana. [Alma-Ata] Kainar, 1965. 345 p.
- KIRILOV, V. P. [Small mixed brigades, work practice of the Valdat Lumbering Camp] Malye kompleksnye brigady, opyt raboty Valdalskogo lespromkhoza Moskva, Goslesbumizdat, 1958, 15 p.
- KLIMASHEVSKII, E.I. [Physiological characteristics of root feeding of different corn varieties in the non-Chernozem zone; physiological essays on variety] Fiziologitheskie coobennosti konovogo pitantia raznykh sortov kukuruzy v nechernozemnol polose, ocherki fiziologii sorta. Moskva, Nauka, 1966, 149 p. (IDNA). (DNAL)
- KOLDE, OSKAR, comp. [Machines for the mechaniza-tion of livestock farms, a handbook] Loomafarmide scanned, kasiraamat. Tallim, Valgus, 1966—213 p
- KOLIASEVA, V.A., T.E., PASHCHENKO, and O.D. ROZHANSKAIA [Microplimate of plant-growing in-stallations with film covers] Mikroklimat kul'tivatsionnykh sooi uzhenii s plenochnymi poki yiilami. Lenin-giad, Gidi ometeoi izd-vo, 1986. 118 p (DNAL)
- KONONKOV, P.F., and S.N.KONONKOVA. [Agriculture in Mongolia] Zemicdelic v Mongolii. Ped ied. V.E. Pisareva. Moskva, Kolos, 1966. 198 p. (DNAL)
- KRONITIS, JANIS. [Manual for the forester] Mezkopja rokasgramata Riga, Llesma, 1986. 330 p [In Latvlan) (DNAL)
- KUNDZINS, ARTURS. [Forest ti ce seeds] Meza koku seklas. Riga, Liesma, 1966. 114 p. [in Latvian] (DNAL)
- KURIUKOV, I.A., and A.N.KOMISSAROVA. [Early vegetables] Ramite ovoshchi. Moskva, Kolos, 1966 θρ. (DNAL)
- LUBLE, B.B. [Game animals and birds of the North] Okhotnich'i zveri i ptitsy Severa. [Arkhangel'sk] Severo-Zapadnoe knizhnoe lzd-vo, 1965 134 p.
- LEMESH, V. V., A. P. SHPAKOV, and V. K. NAZAROV. [Feed norms and tables] Kormovyo normy i tabiitsy. Minsk, Urozhat, 1966. 385 p. (DNAL)
- LEVIN, V.I. [Pine forests of the European North, struc-ture, growth, and evaluation of stands] Sosniaki Euro-poiskogo Severa; stroento, lost i taksatsia drevostoev Moskya, Lesnata promyshlencost', 1966, 151 p.
- LIAKH, R. P., and R. A. SEMIKHINA. [Formation of a datey head] Formfrovante motochnogo stada, Simforopol', "Krym," 1960. 35 p. (DNAL)
- LUKIANOV, A.D. [Organization of viticulture] Organizatistia vinogradarstva. Moskva, Kolos, 1966. 198 p. (DNAL)
- MAKAROV, A. P. [Mechanization of the preparation and distribution of feeds on farms] Mekhanizatsifa prigotovionita i razdachi kormov na fermakh. Moskva, Kolos, 1986. 389 p. (DNAL)
- MAZITIS, ZIEDONIS. [Crayfishes and their breeding]
 Yozi un to audzesana. Riga, Llesma, 1967. 33 p. [In Latvian]
- MESHCHEROV, E. T., and G.B.BOOS. [Gucumbers] Ogurtsy. [Leningrad] Lenizdat, 1965. 72 p. (DNAL)

- MOLDER, ADOLF. [Raising Estonian Red cattle] Eesti punase veisetou arctus. Tallinn, Valgus, 1966 249 p. [In Estonian] (DNAL)
- MOLODOKULOV, SAMAT [On the 1 ise] Onuguu zho-lunda Frunze, Kyigyzstan mamlekettik basmasy, 1962. 36 p. [in Kirghiz] (DNAL)
- MOROZOV, V. K., ed. [Manual on the field testing of field crops in the southeast] Rukovodstvo po aprobatsii polevykh kul'tur na IUgo-Vostoke 5., gerer 12d. Saratov, Privol'hshoe hatzhmoe izd-vo, 1866. 214 p (DNAL)
- MOSKOVSKAIA SEL'SKOKBOZIA ET VENNAIA AKADE-MIIA Radioizotoprata laboratorita [Safety meas-ures in working with radio retive substances] Tekhnika zashchity pri 1 abote a radioaktivnymi veshchestvami. [By] V.V Rachinskii id. Moskva, 1950. 35 p. (Praktikum po primenentiu izotopov i izluchenti v sol'skom khozialstve, no 4)
- NIGUL, L. [Maintenance of meat-type swine] Soderzhanie bekonnykh svinei. Tallinn, Biuro nauchno-tekhn informatsii M-va sel,khoz. Estonskoi SSSR, 1986. GI p (DNAL)
- PETROV, S.A. [Repair of agricultural machinery] Remont 60' skokhoziaistvennykh mashin. Moskva, Gos. 12d-vo selkhoz. lit-ry, 1954. 198 p. (Uchebniki i uchebnye posobila dila podgotovki sel'skokhoziaistvennykh kadtov massovol kvalifikalsii)
 (DNAL)
- POBEDINSKII, A.V. [Cleaning the area of cutting in case of trailing trees with crowns] Ochletka meet rubok pri podvozke stvolov s kromani. Moskva, Vses. Nauchno-issl. In-t lesovodstva i mekhanizatsii lesnogo khozlatstva, 1958. 8 p. (O:CS)
- POBEDINSKII, A.V. [Organization of tree feiling in cut-tings with young growth] Organizatifia lesosoclaykh rabet at lesosekakh a podrostom. [Moskva] Vers. nauchno-lssl.in-t lesovodstva i mekhanizatsii lesnogo khoziaisiya, 1958. 18 p. (O1CS)
- POBEDINSKII, A.V. [Studying referentation processes] Izuchente lesovosstanovitel nykh protessov Ltd 2., dop.t. perer Moskva, Nauka, 1966 61 p. (DNAL)
- PUNG, AARNE. [Livestock ralsing] Pollumajandusloo-made arctus. Tallinn, Valgus, 1906. 442 p. [In Es-tonian] (DNAL)
- RYNDIN, V.I., L.N.GRIGOR'EV, and M.A.OREL [New machines on the fields of Klighizistan] Novye mashiny na poliakh Kirgizili. [Tokmak] 'Kyigyzstan,'' 1985. 74 p (DNAL)
- SHABARDIN, M.I. [Advice to beekeepers] Sovety peholovodam. [Kirov] Volgo-Viatskoe knizhaon izd-vo, 1985. 151 p. (CU)
- SHUL'GA, N. K., and A. I. DUKMASOV. [Manual for irrigators] Posoble polival shehiku. Moskva, Kolos 1966, 191 p. (Ucheballel i uchebaye posoblia dila podgetovki sol'skokhozlalstvennykh kadrov massovol kvalifikatsti) (DNAL)
- SUCHKOV, A.I. [Mastering the blue virgin land] Osvoc-nic goldbol tackiny. Moskva, Pishchevala promyshl., 1965. 112 p. (YaU)
- [SUGAR BFETS] Cukurbiotes. Riga, Liesma, 1966. 220 p. [In Latvian] (DNAL)
- VAVILOV, N.I. [Genetics and agriculture] Genetika i sel'skoe khoziatsivo; sbornik statei. Moskva Znanie, 1967. 60 p. (Novos v zhizni, nauke, tekhnike. V Seriia: Sel'skoe khoziaistvo, no.i)
- VERTERE, PETERE. [Seed production of vegetables]
 Darzenu sekikopiba. 2., papildinatais un parstradatais izdevums. Riga, Liesma, 1906. 250 p [in Latvianl (DNAL)

- VEKSHEGONOV, V.IA. [Checkerboard method of creating studies builts, from the practice of tree planting to the Virgin Territory] Shakhmatavi spusch sozdanita pictorate heathy holds, iz copta lesorate admits a TSelmoon Frac. 103 va. Lesnam promyshionosty, 1965. 82 p.
 (CU)
- VOLOGODSKII MOLOCHNYI INSTITUT, [Reports of the conference on the results of research in 1963] Doklady nauchnol Fonferentsii po trogram nauchno-issledos atcl'skol raboty za 1963 god. [Vologda] Severo-Zapadnec knizhnoe izd-vo, 1964–219 p.
 [DNAL MICROFILM]
- [WHAT WE HAVE GAMED FROM CHEMISTRY] Chto mam dala khumia Moskva, Sovetskaja Rossila, 1965, 137 p. (Truzhenikam sela-ob intensivnoj sisteme 20. l. 'uni) (DNAL)
- [YEARBOOK ON The AGRARIANHSTORY OF EASTERN EUROPE FOR 1961] Exlegadath po agramaí istorit Vostoc'hnoi Evropy. 1961 god Kishinev, Karita Moldoveniaske, 1960 780 p.

16. TECHNOLOGY

- [ADJUSTMENT OF TRIANGULATION OF LOWER CLASS-ES BY APPROXIMATIONS] Unantivante capolinianshehol trianguliatsii priblizhenilami. [By] P.A., Galdaev i dr. Moskva, Nedra, 1966. 58 p.
- AGOSHKOV, M.I., and G.M.MALAKHOV. [Underground mining of ore deposits] Podzemunia ruzrabotka rudnykh mestorozhdenii. Moskva, Nedra, 1966, 662 p.
- AKADEMIIA NAUK KAZAKHSKOI SSR. Institut gornogo dela. [Cybernetics in mining engineering] Kilbernetika v gornom dele. Alma-Ata, Mauka, 1966. 165 p.
- AKADEMIIA NAUK SSSR Nauchnyl sovet po probleme.

 'Novye protseasy poluchenia i obrabotki metallicheskikh materialov " [Physical basis of cic ti ic spruk
 machining of materials] Fizichtskie osnovy elektroiskrovot obrabotki materialov, Moskva, Nauka, 1966
 158 p.
- AKADEMIIA NAUK URSR. [Mechanism of metal failure]
 Mekhanizm raziushonila metallov. [Klev. Naukova
 dumka, 1966] 121 p. (Respublikanskii mezhvedomstvonnyi sbornik. Seriin "Metallofizika")
- AKADEMHA NAUK URSR Institut geologii i geokhimit gor iuchikh iskojaemykh. [Problem of petrolemm and gas origin and the formation of their commercial people] Problema proiskhozhdenia neftl i gaza i obrazovanie ikh promyshlemykh zalezhei Kiev, Naukova dumka, 1966—185 p.
- AKADEMHA NAUK URSR, Institut problem lit¹la. [Fractography, hardenability, and properties of alloys]
 Fraklografila, prokaltvaomost¹ i svoistva spllavov.
 [By] M. P. Braun i dr. Kiev, Naukova dumka, 1966.
 310 p.
- AKHMEROV, R.B., and M.N.GALLIAMOV. [Evploiting oil wells without using derricks] Bezvyshechnain ekspluntatsita nettianykh skvazhin. Ufa, Bashkirskoe knizhnoc izd-vo, 1963. 58 p.

- ANOKHIN, D.I., and IU. P. ZYBIN. [Calculation of the deformation of the uppers for the pulling over and marchy of Insting] Raschet deformatsit zagotoski dita obitazimo-zatiazhmogo sposoba for movanita, uchebnoc posobie. Moskva, Legiaia industriia, 1905. 20 p.

 [MICROFILM]
- ARKHANGEL'SKII, I. I., and V. M. KARTASHOVA.

 [Hygicne of milk and control of its sanitary quality]
 Gagena moloka i kontrol' ego sanitarnogo kachestva
 Moskra, Kolon, 1956, 216 p.
- ARKIIANGORODSKII, A. G., and L. M. BELEN'KII.
 [Mechanical calculation of Half frames, laboratory manual for the "Shiphiniding and ship repair" major]
 Mekhaniche, skii raschet plost lik ram, rukovodstvo po vypolacnitu laboratornykh rabot dila spetsial'nosti "Sudostroenic i sudoremont," [Kalbingrad] Kalbingradskoe knizhnoe izd-vo. 1965, 27 p.
 [MICROFILM]
- BABICH, O.A., and I.N. VLADISLAVSKAIA. [Reading and detailing of fissembly drawings] Chiente i detail-rovanic shorochnykh chertezhei. Moskva, Vysshain shkula, 1966, 92 p.
- BADYL'KES, I.S., and R.L.DANILOV. [Absorptive refrigerating machines] Absorbtstonnye kholodil'nye mashiny. Moskva, Pishchevata promyshi., 1966. 365 p.
- BARTOSH, N. T. [Industrial continues and their use in the machinery industry] Protzvodstvennata tara i ee primenence y mashmost contil. Lenlingrad, 1966, 35 p. (Leningradskil dom nauchno-tekhnicheskol propugandy Protzvodstvennyl opyl. Serifa Mekhanizatsiia i avtomatizatsiia transportnykh i skladskikh rabot v promyshlennosti)
- BASKAKOV, S.V. [Drying bricks] Sushka kirpicha. Moskva, Stroikdat, 1966. 175 p.
- BERDICHEVSKII, B. E. [Evaluation of the reliability of automatic control equipment, methods for evaluating reliability during development] Otsenka nadezhnosti apparatury avtomatiki, metody otsenki nadezhnosti v protsesse razrabetki. Moskva, Mashinostroenie, 1960. 275 p.
- BEUS, A.A. [Studying geochemical specialization of geological complexes for the purposes of regional prognosis] Euchemie geokhimicheskoi spetsializatsii geologicheskikh kompleksov dila tedei regional'nogo prognozirovanija Moskva, Gos. geol kom-t SSSR, 1865 164 p

[MICROFILM]

BEUS, A. A., and S. V. GRIGORIAN. [Using methods of mathematical statistics in geochemical prospecting] Ispolizovanic metodov matematicheskoi statistiki pri geokhimicheskikh polsfakh. Moskva, Gos.geol. 1 cm-4 SSSR, 1995. 72 p.

[MICROFILM]

- BIRIN, B., and N. DOBRZHINSKII. [Diamond abrasive tools in the machinery industry] Almazno-abrazivnyi instrument v mashinostroenil. Riga, Latviiskii respubl. in-t nauchno-tekhn. informatsii i propagandy, 1966. 58 p.
- BOBROV, I.M., and V.G.MIKHAILOV. [Solution of practical problems in designing machinery] Reshente proktictogskikh zadach pri Fonstrutrovanii mashin, Moskva, Mosk tekhnologicheskii in-t, 1965, 173 p.
- BOGDANOV, O.I., and S.K.D'IACHENKO. [Calculation of skiding bearings] Ruschet open skel'zhonita. Kiev, Tekhnika, 1968. 242 p.
- BONDIN, IU.N. [Safety manual for the glazier] Pamiatka po tekhutke bezopasnosti dha stekol'shchika. Izd.2., ispr. Moskva, Strolizdat, 1966—25 p (Tekhulka bezopasnosti v strolici'stve)
- BORISOV, S. I., V. F. KOMAROV, and V. L. TOKAREV.

 [Theory of mechanisms and parts of precision instruments] Teolia mekhanizmov i detali tochnykh priborov. Moskva, Mashinostroenie, 1966 406 p.
- BORISOV, S. M. [Clutches and brakes of single-bucket excavators] Multy i tormoza odnokovahovykh ekskavatorov. Moskva, Milinformatsiisti oldorkommunmash, 1965. 58 p. (Seriia 1 Strottel'nye i dorozhnye mashiny)

- BOROVSKII, B. F., and M. D. POPOV. [What should a driver of the second and first class know, manual for obtaining the qualification of driver of the second and first class.] Chio dolrhen anal' shoter 2-go 11-go klassa, posoble dila poluchenila kvalifikatsit vodittira 2-go 11-go klassa. Ped obshehel red. V. F. Shitaktenko, [Lenlagrad] Lenizdat, 1966, 563 p.
- BRATSYKHIN, E.A., S S.MINDLIN, and K.N STRELITSOV [Manufacturing articles of plastics] Pererabotka plasticheskikh mass v Izdelija Pod obshehel 1ed, E.A Bratsykhina Moskva, Khimija, 1966
- BRITANS, J. [Young people's factory] Jamikus rupulca Riga, Liesma, 1966. 90 p. [In Latvian]
- BULATOV, V.V. [Mechanics of rock breaking during extradeep drilling] Mckhanika razzushenila gurnykh porod pri sverikojatubokom burcitii. Novosibirsk, Nauka, 1996 223 p
- BUNIMOVICH, L.D. [Edgewise sawing of lumber on clacular saws with conical blades] Rebrovec defenic pile, materialov na kruglopil'nykh stankakh konk beskimi pilami. Moskva, Lesnaia promyshl., 1966—145 p.
- BYKHOVSKAIA, M.S., S. L. GINZBURG, and O.D. KHALL-ZOVA [Methods of determining harmful substances in the air; a practical manual] Metody opredelenita vrednysh veshchesty v vozdukhe; praktic hekker ukovodeta izd 2., lspr i dop Pod i ed O D. Khalizovol. Moskva, Meditsina, 1966—594 p
- BYSTRITSKII, N.P. [Magnetron amplifiers (amplitrons)]
 Magnetromye ushiteli (amplitrony). Mosl va, Sov.
 1 adio, 1966. 75 p. (Elementy radioelektromiol apparatury, no. 4)
- CHAPURNA, L.A. [Methodological instructions for earrying out the second course project on reinforcedconcrete structural elements] Metodicheskie ukazanki k vypolneniju vtoroge kursovogo procka po zbelezobetennyu konstrukisliam. 2 perer izd Riga, Zvalezne, 1966. 35 p.
- [CHEMIST'S HANDBOOK] Spravochnik khimika ?.t/d., perer i dop Moskva, Khimita. Vol.5 [Raw material and products of the Industry
 - Vol. 5 [Raw material and products of the Industry of inorganic substances, processes and applications, corrosion, galvanic technique, chemical sources of current [Syr'e i produkty promyshir amount near ganicheskikh voshchesty, prothessy i apparaty, korrozila, galvanotekhnika, khimicheskike istochniki toka 1966. 973 p
- CHERMASHENTSEV, IA.N., and G.I.KAPELIUSHNIKOV. [Principles of safety engineering, preliminary training of workers on safety measures in coal mines | Omary tekhniki bezopasnosti, predvaritelineo obuchente rabochikh po tekhnike bezopasnosti na ugolinyin shakhtakh, Moskva, Nedra, 1966. 143 p.
- CHERNOBROVOV, N.V. [Relay protection] Releinative zashchita, Izd. 3., pereral dop. Moskva, Energlia, 1966, 760 p.
- [CONCISE HOME ECONOMICS ENCYCLOPEDIA IN ONF. VOLUME] Kratisaia entsiklopediia domashnego khozziaistva v odnom tome. [izd. 3.] Moskva, Sovetskaia Fintsiklopediia, 1966—1342 columnis.
- CRIMEAN PROVINCE. Oblastino upraviente sel skogo kloziaistva [Handbook for the caming of fruit and vegetables at collective and state farm plants] Rukovodstvo po konservirovantiu plodov i ovoshchoi dita kolkhoznykh i sovkhoznykh konservnykh zavodov. Sitaferopol', "Krym," 1985. 397 p.
- [CULINARY RECIPES, from the book on tasty and healthy food] Kulina uye retsepty, iz knigi o vkusnoi i zdorovol pishche. 2. izd. Moskva, Pishchevala promysid., 1966. 407 p.
- [CZECH-RUSSIAN DICTIONARY ON ELECTRICAL L. KGL-NEERING AND ELECTRONICS. Approximately 30,000 terms] Chesheko-Russkil slovar' po cicktrotekhnike i elektronike. Okolo 30000 teminov, Moskva, Sovelskala Entsklopedija, 1806. 524 p.
- DEMIDOVA, T.G. [New metals and metal alloys in engineering] Novye metally i metallichoskie splavy v tekhnike Moskva, Mosk. Avtomekhanleheskii in-i, 1965. 108 p.
- [DEVELOPMENT OF NEW SOVIET SNOWREMOVF RS FOR ROADS] Sozdanie novykh otechestvennykh dorozhnykh snegoochistitelei. [By] A. N. Ivanov i dr. Moskva, Nilinformatsiistroidorkommunnash, 1965. 101 p. (Scriia I. Stroitel'nye i dorozhnye mashiny)

- DOLGOPOLOV, N.N. [Modern physics is for builders] Sovremennala fizika stroiteliam, Moskva, Stroi-izdat, 1966. 217 p. (Nauchno-populiarnala sertia)
- DOVZHIK, O.I., and V.B.RATINOV. [Efficient lubif-cants for forms in the production of precast reinforced concicted Effektivnye smarki dlia form v proizvodstve sbornogo zhelezobetona. Moskva, Strotizdat, 1966.
- DUBIN, Z. IV. [Resin-turpentine production] Smoloskipidarnoe proizvodstvo. 2.1zd., ispr.i dop. Mo-skva. Lesnala promyshl., 1966. 159 p.
- DUBOVSKII, K.N. [Tower crane operator] Mashinist bashemogo krana Moskva, Strolizdat, 1966. 238 p.
- EGNUS, M.IA., V.N.SVEDLOV, and Z.A.KAKOVKINA. [Increasing the precision of construction of large-panel buildings] Povyshenio technosti mentarha trupno-panel nyth zdanii. Mosava, Stolifadi, Udis. 97 p. [MICROFILM]
- ERMAKOV, I. N. [Maintenance and repair of pneumatic tires] Ekspluataistia I remont pneumaticheskich shin, Moskva, Kolos, 1966. 222 p
- [ESTABLISHING TECHNICAL NORMS IN REPAIR SHOPS] Tekhnicheskoe normir ovanie v remontnykh master-skikh Izd.2., tsp. 1 dop. [By] I.I. Pustovalov i dr. Moskva, Kolos, 1965—391 p
- EVREINOV, E.V., and IU.G.KOSAREV. [Similar universal computer systems with high productive capacity] Odnorodnye universal'nye vychislitel'nye sistemy vysokol profzvoditel'nosti. Novesibi isk, Nauka,
- FADEEV, N.1. (Technology of the manufacture of electronic computer assemblies) Tekhnologisa proizvodstva uzlov elektromykli vychisiltel'nykli mashin, Moskva, Mashinostrocnic, 1997, 310 p.
- FEDCHIN, S.S. [Airplane pilotage] Samoletovo/hdenie Moskva, Transport, 1966 527 p
- [FIRE ENGINES AND FIRE-FIGHTING EQUIPMENT] Pozharnye mashiny i protivopozbarnoe oborudovante, [By] N. B. Kashcheev I dr. Moskva, Strotizdat, 1966. 310 р.
- FOREST, JINDRICH. [Capacitive transducers of non-electrical values. Translation from the Czech] Em-kosinye datchiki neelektricheskikh velichin. Moskva, Energlia, 1966. 159 p. (Biblioteka po avtomatike,
- FRENKEL', E.B., V.G., KOMOLOV, and S.I. FAIB [Repair of the electrical machinery of electric-rolling stock and diesel locomotives] Remont elektricheskikh mushin elektropodvizhnogo soslava i teplovozov. Mo-skva, Transport, 1966. 451 p
- FRIDKIN, I.A. [Operation of distribution sites and trans-former substations] Ekspluatutsita raspredelitel'nykh punktov i transformatornykh podstautsil, Moskva, Energija, 1968, 76 p. (Biblioteka elektromontera,
- [FUNDAMENTALS OF THE MECHANIZATION AND AUTO-MATION OF PRODUCTION PROCESSES] Razosanas procesu melanizacijas un automatizacijas pamati. [By] K. Mucenieks un citi. Rīga, Liosma, 1906, 163 p. [In Latvian]
- GARBARUK, V.N. [Mechanization and automation of processes in the knit goods industry, textbook for students of the advanced training faculty] Mekhanizatsiia i avtomatizatsiia profrosov trikotazinogo profevodstva; uchebnoe posoble dita shushatelei fakulteta usavershenstvovaniia. Moskva, Legkaia industrila, 1966. 65 p.

- GARIAINOV, S.A., and I.D.ABEZGAUZ. [Semiconductor devices with negative impedance] Poluprovodnikovyo pribory s otritsatel'nym soprotivleniem. Moskva, Energila, 1986. 239 p.
- GEOGRAFICHESKOE OBSIICHESTVO SSSR. Novesibii skii otdel. [Problems of exploitation of the West Siberian oil- and gas-bearing province] Problemy osvoenila Zapadno-Sibirskoi neitegazonosnoi provintsii. Novosibirsk, Zapadno-Sibirskoe knizhnoe izd-vo, 1968. 130 p.

GERSHKOVICH, B.M. [Floating cone plastometers Devices for determining the properties of building plastics, from materials of the All-Union Scientific and Reties, from materials of the All-Union Scientific and Re-scarch Institute of New Building Materials (WNINSM)] Poplaykovye komusiye plastometry. Pribory dia opre-delenial svoisti stroitel nykh plastimas, po materia-lam Vsesoniznogo naucho-issledovateľ skogo instituta novykh stroitel'nykh materialov (VNIINSM) Moskva Stroitedat, 1965 16 p (Novosti stroitel'noi leklmiki

[MICROFILM]

- GIMMEL'I-ARB, IA., V.SAGIMIAN, and V.IAKOVLEV [Large-panel spir thrent houses through high-speed continuous production methods] Krupmopenel'nye doma na skorostnom potoke. Alma-Ata, "Razakhatan," 1988 53 m. (Shinda methodayana mula). 1965. 54 p. (Shkola peredovogo opyta)
- GLAZOVSKAIA, M.A. [Practice in studying secondary dispersion halos in geochemical prospecting]. Opyt I ut icania vioricinyida orodov rasset initia pri pro-khimichrskikh polskakh. Moskva, Gos. [col.] on-t SSSR, 1965—82 p. [AMCGOLIM]

[MICROTILM]

GOLEVA, G.A. [Hydrochemical method of prospecting for one deposits] Gldrokhimicheskil metod polstov rudnykh mestorozhdenii. Miskva, Gos.geol.kom-t SSSR, 1965. 91p.

(MICROFILM)

- GOLOVAN', P.F., N.F.MUCHKIN, and E.I.RAKITO. [Construction of automatic block systems and electric intrilocking systems] Strottel sive avioble irovid i elektricheskoi tentralizaisti, Moskva, Transport, 1966. 367 p.
- GONCHARENKO, G.K., G.A. FOMENKOV, and I.K. DAVYDOV. [Repair of gran pumps, wor practices of the "Stars" Plant in Rigal Remont shester enclar-tyth nasosov, 12 opyta rabety Riches ogo zavoda "Stars." Moskva, Bluro tekhn, informalsil i reklamy, 1965, 28 p.

(MICROFILM)

- GORELOV, L.K. [Torsion, theory and problems. Methods manual on the strength of materials] Kruchenic, teorila i a lathi. Uchehno-metodicheskoe posobie po sopi officiali materialos. Moskva, Moskva, moskvalnstrumental nyf in-t, 1904. 39 p.
 [MICROFILM]
- GORELOV, V.M. [Motal cutting] merante metallov. Moskva, Mashinostroenic, 1966. 200 p.
- ON KOVSKII AVTOMOBIL'NYI ZAVOD [Catalog of puris for the GAZ-53A motor ruck] Katalog detalet gruzovogo aviomobilia GAZ-53A. Moskva, Mashinestroenie, 1967—218 p. GOR KOVŠKII AVTOMORILINYI ZAVOD
- GRABOVSKAIA, L.I. [Biogeochemical prospecting methods] Biogeokhimleheskie metody polskov. Moskva, Gos. geol. kom-t SSSR, 1865. 65 p.
 [MICROFILM]
- GRINBERG, E.N. [Electrical safety] Elektrobezo-pasnost', Tashkent, "Uzbekistan," 1966. 110 p.
- GRISHKOV, A.A. [Experience in planning a gas system for an apartment house without estimated cost] Opyt procktiruvaniia gazooborudovaniia zhilogo doma boz smet Moskva, Stroitzdat, 1988. 37 p.
- GRIUNTAL', V.T. [Photographic lilustration, 'drawing with light," transformation, combination printing] Fotolillustratsila, svetopis', transformatsila, fotomoniazh Moskva, Kniga, 1966. 277 p. illus
- GRODZOVSKII, G.1., 1U.N.IVANOV, and V.V.TOKAREV.
 [Mechantes of a low thrust space flight] Mekhanika
 kosmicheskogo poleta s maloi tiagol. Moskva, Nauka, 1966, 670 p.
- GROKHOL'SKII, A.L. [Q meters] Izmeriteli dobi otno-sti kumetry. Novosibirsk, Nauka, 1986. 258 p.
- GRUNDULIS, ANSIS, and HARLIS STANKE. [Radio-electronic measurements] Radioelektroniskic meri-jumi. Riga, Liesma, 1966. 430 p. [In Latvian]
- GUNDARS, JULIJS, and ANNA PETERSONE. [Fabric and garmont materials] Audumu un apperbu materiali, Riga, Liesma, 1965. 208 p. [In Latvian]
- IAKUSHENKOV, IU.G. [Optical systems in photoelectric instruments] Opticheskie sistemy fotoelekti icheskikh ustroistv. Moskva, Mashinostroenie, 1966. 158 p.

lANISHEVSKII, E.I. [Geochemical prospecting methods based on primary halos] Geokhimicheskie motody polskov po pervicinym oreolam. Mosl va. Gos. gcol. kom-t SSSR, 1905. 59 p.

IMICROFILM

- IL'IN, V.A. [Remote control in the national economy] Telemekhanika v nu odnom i hozlafstve. Most va, Znanie, 1967. 64 p. (Novoe v zhizni, naul e, i ckh-nike. siV ferira Radrock Pironii a i sviaz', no. i)
- INSTITUT AV FOMATIKI I TE LI MITKHANIKI (TEKHNI-CHESKOI KIBERNETIKI) [Problems of engineering (vbernetics] Voprosy tekhnit heskoi kiber netiki. Mo-skva, Nauka, 1666—133 p
- INSTITUT ELEKTROMEKHANIKI. [Flectric drives and control systems] Elektroprived I sistemy upravientla. Moskva, Nauka, 1966. 235 p.
- INSTITUT GEOLOGICHESKIKH NAUK, Minsk. [Geology and prospects for finding oil and gas, in the White Russian S S R.] Geologicheskoe stroente i perspektivy neftogazonosnosti BSSR. Moskea, Nefta, 1966
- INSPITUT GEOLOGII I RAZRABOTKI GORIUCHIKII ISKOPAEMYKH. [Pacies and conditions of formation of oits and gas-producing series] Fatsil I ustovila forminovania neftegazoproizvodlashchikh svit, Mo-stva, Nauka, 1966. 178 p.
- INSTITUT GORNOGO DELA IM A.A.SKOCHINSKOGO Moving hydraulic and air mixtures of rock in pipe-lines) Dezizenie gldro- Lacrosmeset gor nykh porod v trubakh Moskva, Nauka, 1966—161 p
- INSTITUT GORNOGO DE LA IM, A, A, SKOCHINSKOGO, {Rock breaking with roller bits } Razrushenie gornykh porod sharoshechnym instrumentom. Moskva, Nauka, 1966—136 p.
- INSTITUT NAUCHNO-TEKIINICHI.SKOI INFORMATSII 1 STITUT NAUCHNO-TERNINCHESKOI INFORMATSH I
 PROPACANDY, Minsh. [Experience in setting up gas
 supply systems in enterprises of the White Russian
 S.S.R.] Opt nabadk sistem gazosnabehenita predpillatif Belonaskoi SSR. [By] A N Golfgor i dr.
 Minsk, 1964—49 p
 [MICROLILM]

[MICROI ILM]

- PISKOVICH, G. M. [Strength of materials] Soprotiviente materialov | Izd. 2 | per er | Moskva, Vysahala shkola, 1966 | 511 p
- IZDATEL'STYO MASHINOSTROFNIF, [Publications for 1965, bibliographical index] Azdania za 1965 god, bibliografii beskli ukazatel². Moskva, Mashinosti oenie, 1966, 314 p.
- KABANOV, B. N. [Electrochemistry of metals and adsorption] Elektrokhlmila metallov i adsorbisila. Moskva, Nauka, 1968. 221 p.
- KADREVICH, T.A. [Drainage of land by pumping machinery, lectures for correspondence students majoring in "Drainage work"] Osushenic zemel' mashinnym vodopod'emon, lekislia dila studentor-zauchnikov spetsial'hosti "Gidi omelioratsila" Pod red. A.D. Pandiadi. Moskya, Glav upr vysalinger sirydnego s.-kh.obrazovania, 1986—35 p. [MICROFILM]
- KALMYKOV, G.T., and V.K., HIJPENKO. [The transformed land, sketches on the Karachay-Cherkess Antonomous Province] Prochec Prochec Prochec Resident of Karachaevo-Cherkesis. Cherkessk, [tarropolis o lanzhoo izd-vo, 1966. 36 p.
- KANAREIKIN, D.B., N. F. PAVLOV, and V.A. POTEKIIN. [Polarization of radar signals] Pollarizatsiia radio-lokatsiomykli signalov. Pod red. V. E. Dulevieta. Moskva, Sov. radio, 1966. 440 p.
- KARAKIN, F.F., and V.I.IAROVITSYN. [handbook on antifriction bearings for equipment and machines used in the peat industry] Sprayochule po podshlimikam kachenila dila oborudovanita i mashlu torfikato pro-myshlennosti. Moskva, Nedra, 1968. 147 p.
- KARIAKIN, N.A. [Illuminating apparatus of the projector and scatchlight types; theory and calculation] Syctoyye pribory provhektornogo i procktornogo tipov, teorita i raschet. Moskva, Vysshain shkola, 1966, 400 p.
- RATAEVA, A.A., and L.N. MENDEL'SON. [Purified enzymatic preparations of pectinase in wine production] Ochishchemye fermentnye preparaty poktinazy v vinodol'cheskom protzvodstve. Moskva, Tsinyi-Pishcheprom, 1965. 31 p. (Menosym.) (MICROFILM,

- KATKOVNIK, V.IA., and R A POLUEKTOV [Multi-dimensional sampled-data control systems] Mnogomernye diskretnye sistemy upravlenika. Moskva, Nauka, 1986–416 p. (Teoreticheskic osnovy tekhnicheskich iber netki)
- KAZAKHSKII HAUCHNO-ESSLEDOVATEL'SKII HSTITUT ENERGETIKI [Scientific principles of the power supply system of aga kulture in Kazakhstan] Nauchnye osnovy energosnabzhenita sel'skogo khozialstva Kazakhstana [By] Sh Ch Chokin i di Alma-Ala, Nauka, 1986 [28] p
- KHACHATRIAN, A.G., KH.SH.SHAPIRO, and Z.I. SHAROVA. Silling and washing of irrigation setting basins and reservoirs! Zailenle i promys trilgatsonnykh etstoinikov i vodokhranilishch. Moskva, Kolog. 1966. 236 p.
- KHAMUDKHANOV, M.Z., cd. [Frequency speed control of a, c. drives with automatic regulation from rectifier-converters] Christolinos regulation from rectifier-converters] Christolinos regulariovande stouest elektroprivodov peremennogo toka s avtomaticheskim upravleniem of ventil'nykh probin azovatelei, [By] M.Z. Khamudkhanov I dr. Tashkent, I an, 1988, 341 p.
- KHARKEVICH, A.D. [Problems of the construction of switching circuits in crossian automatic telephone exchanges] Zadacht postroenia kommutatsfonnykh skhem v koordinatnykh ATS. Moskva, Red -izd oldel VZLE, 1864. 78 p. [MICROFILM]
- KHASMAN, P.IA. [Fundamentals of heat engineering and nower systems] Osnovy teploteknniki i silovye ustanovki. Moskva, Lesnaia promyshlennosi', 1966. 310 b.
- KHRENOV, L.S., G.E.MEPURISHVILI, and L. P.NE-DESHEVA [Practice training in surveying] Uchebnala praktika po geodezii. Pod obshchei red. L.S. Khrenova Moskva, Lesnain promyshlomosti, 1960. 223 p.
- KILIKOVSKII, P. IA [Boxes from fiber materials]
 IAshchiki iz voloknistykh materialov. Moskva. TSenti
 iauchno-issl. in-t informatsii I tekhniko-ekon. issledovanti po lesnot, tselllulozno-humazlinot, direvoobiabatyvalushchei promyshi, i lesnoniu khoz., 1966.
 63 p. (Tara i uprkovka)
 [MICROFILM]
- Kilin, N.T. [Advanced methods of repairing electric locomotives, from experience of the Kurgan Station] Peredovye metody remonta elektrovozov; 12 opyta Kurganskogo depo. [Cheliabinsk] IUzimo-Ural'sloe knizhnoe izd-vo, 1865. 26 p.
- KRILLO, L.R. [Television receivers, construction and operation] Televizionnye prienniki, ustrojstvo i ekspiuataisita Minsk, Belarus', 1966. 135 p. (Bibliotecika po radiotekniko)
- KIRILLOV, L.N. [Ring spinning machines for flax] Kol'tsovye priadii'nye mashiny dila 1'na. Moskva, Legkata industrila, 1966—274 p.
- KRILLOV, V.S., ed. [Bridge construction] Stroitel'stvo mostov. [By] N.M. Kolokolov i dr. Moskva, Trans
 - othhnia,

CB

- KOMAROV, A.A. [Prevention of snow drifts on the reads beyond the Arctic Circle] Predupreridente snezhnykh zanosov na dorogakh Zapoliku iku Rovosibh sk, Redaktsionno-izdateliskii oldel SO AN 888R, 1985—157 p
- KOROTKOV, G.P., and E.D. BABENKOV [Methods for the put ifraction and quality control of water] Methody ochlistki i Fontroln kachestva vody Moskva, Transport, 1986 38 p. (Dostizhenila nauki i tekhniki v proizvodstvo)
- KOSAREV, A. A. [Pulsed remagnetization of coupled ferrites] Impul'snoe peremagnichenie sylazamnych ferritor. Novosibirsk, Nauka, 1966. 65 p.
- KOVAL'CHUK, L. M., and A.S. FREIDIN, eds. [Manufacturing plastic-base sit actural elements] Ligotovienic stroitel'nykh konsh uktsh na osnove plastmass Moskva, Suoitzdat, 1966–323 p.
- KOZLOV, B.A., and I.A. USHAKOV [Concise handbook on reliability calculations of radioelectronic apparatus] Kradeli sparrocinik po raschetu indezhnosti radioclektronnoi apparatury. Moskva, Soviradio, 1906 432 p.
- KOZLOV, P.M. [Use of polymeric materials in structures operating under stress] Primenenie polimeraykh materialov v konstruktsifakh, rabotatushchikh pod nagruzioi. Pod red. M.I.Garbara, Moskva, Khimita, 1986. 361 p.
- KRAITSBERG, M. I., and M. B. MILICH. [Electromagnetic stilding clutches in construction and road machines, a survey] Elektromagninye mufty skol'zheniia v stroite!'nykh i dorozhnykh mashinakh, obzor. Moskva, Nilinformatsiistroidorkommunnash, 1965. 111 p. (Serita 1. Stroite!'nye i dorozhnye mashiny)
- KRAIZMER, L.P., and S.E.KHAIKIN, eds. [Radio amateur's dictionary] Slovan' radiolfubifelia, Izd. 3, perer. I dep. Moskva, Energiia, 1966. 740 p. (Massovaia radiobiblioteka, no. 621)
- KRECHETOVICH, N.N. [Remote control] Telemekhanika. Minsk, Vysshafa shkola, 1965. 118 p.
- KRUPITSKII, E.I. [Handbook for the young fitter] Sprayochuh molodogo slesaria, Moskva, Vysshaia shkola, 1966, 311 p.
- KAURKOV, V.A. [Metallurgical hoisting and conveying machines] Metallurgicheskie pod'enno-transportnye mashiny. Moskva, Metallurgila, 1868. 254 p.
- KRYLOV, G. V., and G. A. PARKADZE. [Comparing the accuracy and reliability of assaying stockwork-type deposits in prospecting by shot, diamond, percussion defiling and mine workings] Opt stavnenila technosti i dostovernosti oprobovanila mestorozhdenila shtokverkovogo tipa pri razvedke drobovym, almaznym, udarnym burentem i gornymi vyrabotkami. Moskva, Nedra 1965. 35 p.
 - [MICROFILM]
- KUBENKO, G.D. [Dispatcher frequency] Dispetcher radiovolna. Leningrad, Stroiledat, 1966, 58 p. (Nauchno-populiarnaia seriia)
- KUCHERIAVYI, F.I., R.S.KRYSN, and IU.P.BURKOV [Improving the technology of working grantle quarries] Sovershenstvovanie tekhnologii razvabotki grantinykh kar'erov. Pod red. F.I Kucherlavogo. Kiev, Tekhnika, 1966. 267 p.
- KUNTSEVICH, V.M. [Adaptive sampled-data and optimalizing control systems] Impul'anye samonasu aivatushchiesia i ekstromal'nye sistemy avtomaticheskogo upravlenita. Kicv [Tekhnika] 1986. 281 p.
- KUZ'MIN, IU.M. [Gauzes in water-purifying structures; practical recommendations] Setchatye ustanovki v vodoochistnykh sooruzhonliakh; prakticheskie rekomendatsii. Leningrad, Strolizdat, 1988. 130 p.
- KUZNETSOV, A.Z. [With one's own labor] Svoim trudom Uía, Bashkirskoe knizhnoe Izd-vo, 1963. 27 p. (Malaki promyshlennosti Bashkirii)
- KUZNETSOV, B. V. [Choice of electric motors for industrial mechanisms] Vybor elektrodvigatelia k proizvodstvennym mekhanizmam. Minsk, Belatus', 1966. 158 p. (Bibliotechka elektromontura, no.17)
- KUZNETSOV, N.V., G.I. LUZHNOV, and L.I.KROPP. [Cleaning of the heating surfaces of boilers] Ochistka poverkhnostei magreva kotel'nykh agregatov. Pod red. N.V.Kuznetsova. Moskva, Energiia, 1986 270 p.

- KUZOVLEV, G.M. [Special hydraulic structures in aler fe power plants] Spelsial hydrogish totekhuscheskie sooruzhenia na atomnych prodprintifiah. Pod t.cd. A.N. Komarovskogo. Moskva, Atomizdat, 1966.
- LABUTIN, A.L., K.S.MONAKHOVA, and N.S. FF DOFC VA. [Anticorrosive and scaling materials on tree of liquid tubbers | Antikorrozionnye i germetizirdus*cl materialy na osnove zhidkikh kauchukov. Mosiva, Khanifa, 1960, 207 p.
- LATVIISKAIA RESPUBLIKANSKAIA KONFERF NTSIIA LITEISHCHIKOV. [Materials of a conference on foundry practice] Materialy konferentsii po liteinom proizvodstvu. Riga, Latviiskii respubl. In-t nauci m tekhn, informatsii i propagandy, 1966. 48 p.
- LATVIISKII RESPUBLIKANSKII INSTITUT NAUCHNO-TEKINICHESKOI INFORMATSII I PROPAGARDY. [Powdet metallutgy] Potoshkovala metallutgilla. Riga, 1966. 113 p.
- LAZAREV, L.P. [Infrared and light instruments for homing and guidance of flying machines] Infrakrass i svetovye pribory samonavedenita i navedenita icta tel'nykh apparatov Moskva, Mashinosti cenie, 1968 387 p
- LEIBOVICH, R.E., IA.M. OBUKHOVSKII, and S.IA. SATANOVSKII. [Technology of by-product coke production, a textbook for technikal schools of by-productking] Tekhnologija koksokhimicheskojjo prodzedatebnik dila koksokhimicheskish tekhnikumov. Moskva, Metallurgila, 1908. 403 p.
- LEVENKO, P.I. [Increasing the waterproofness and wear resistance of stiff leathers]. Povyshenie vodestolkosti 12m., n.o. trybestřikt kozh, uchchaod posobie. Moskva, Legkala industria, 1965. 25 p. [MICROFILM]
- LEVENKO, P.I. [Modern synthetic tunning agents and their use in the leather industry] Sovremennye kild tichestic dubiteli i opyt lith ispol'rovanita v kozhev noi promyshlennosti, uchebnov posobie. Moskva, Legtaia industrila, 1965. 30 p.

 [MICROFILM]
- LEVITSKII, M.IA., and V. P. SHTOMPFL!. [Using electronic digital computers in determining cutting conditions in turning] Optodelenie na elektromykl tsifrovykh vychislitei nykh mashinakh rezhiunar rezanita pri lochenit. Kiev, Tekhnika, 1968. 82 p. diagr (insert)
- Liakhovich, v.v. [Efficient methodology for extrac of accessory minerals from granitoids] Raision al metodika izviechenita aktsessornykh mineralov iz granitoidov. Moskva, Nedra, 1980. 45 p.
- LIBERMANIS, L. [Building is constructed from the up] Coline top uz gridas. Riga, Liesma, 1906. 2 diagrs. insert (Zini un proti) [In Latvian]
- LICLTURKS, A. [Theoretical electric and radio cong neering] Teoretiska elektrotehnika un radiotelani Riga, Zvaigzne, 1966. 205 p. [In Latvian]
- LINDENAU, N.I., R.V.BUTKEVICII, and K.F. KRIV BOK. [Mining of thick coal scame] Razrabotka moshchnykh ugol'nykh plastov. Pod red. A.N. Zademidko, Moskva, Nedra, 1966. 288 p.
- LIVSHITS, S.P. [Aerodynamics of centrifugal comp sor machines] Aerodinamika tschirobozhnykh koj pressornykh mashin. Moskva, Mashinostroenic,
- LUTSKII, V.A. [Calculation of reliability and efficiof radio electronic apparatus] Raschet nadezhnos effektivnosti radioelektronnoi apparatury; apravoc 2., dop. i perer. izd. Kiev, Naukova dumka, 1966 207 p.
- MAKAROV, A.D. [Wear and strength of cutting tool Iznos i stoikost' rezhushchikh instrumentov. Mo skva, Mashinostroenio, 1966. 263 p.
- MAKHARADZE, M.N. [Sectional reinforced-concressupports for horizontal workings] Sbornala zheto betonnaia krep' dia gorizontal'nykh vyrabotok. skva, Nedra, 1986. 83 p. charts (insert)
- [A MANUAL FOR THE TRACTORIST] Posoble trail Id. 3., perer, i dop. Moskva, Mashinosti ocnic 1966, 814 p. (DNAL)

- MARIENBAKH, L.M., and L.O.SOKOLOVSKII, [Pro-gressive methods of smelting aluminum-magnesium alloys, manual for smelters] Progressivnye metody plawki aluminievomagnievyh rojnavov, posobio dila rabochikh-plawil'shchikov. Moskva, Metallurgiia, 1966, 183 p.
- MASLOVSKII, V.V. [Lapping and fitting] Dovodochnye Epritirochnye raboty. Moskva, Vysshala shkola, 1966.
- MATVEEV, B. K. [Graphic plotting of ourves of electro-magnetic probing]. Graffebeshoe postroonle krivykh elektromagnitnykh zondirovanti. Moskva, Nedra, 1986 BO P
 - [Album of cumulative set of curves and nomograms for graphic plotting of curves of electromagnetic probing] Albom svodnykh paletok i nomogramm dla grafiche-skogo postroonila iz ivykh elektromagnit-nykh zondirovanii 53 diagra (in portio-
- MEDVEDEV, M. E., V. P. PAVLOV, and T. V. KOLOKO-LOVA. [Thishing furniture parts with polyester varnishes and enamels.] Oldelica detalet mebell policity and takami I emaliami. Moskva, "Isent nauchnotest in-t innormatsii i tekanii o-ekon Iseledovanii olesnoi, teelliulozno-bumazimoi, derevoobrabatyvalushchel promyshl. i tesnomu khoz., 1965. 9 p. (Derevoobrabutka)

- [METALWORKER'S HANDBOOK IN THREE VOLUMES] Sprayochnik metallista y trekh tomakh Moskva, Mashinostroenic
 - Vol. 3. Acherkan, N S , ed. Dd. 2 , perer
- MIKLEY, A.K., I.D. RASSADKIN, and M.IA.ROITMAN.
 [Manual on the establishing of technical norms] Posobic ponormativno-technicheskof rabole. 17d. 2., perer. Moskya, Strolledat, 1966. 117 p.
- MINSKII MOFORNYI ZAVOD. [D-50 and D-501 diesel engines, handbook on operation and maintenance]
 Dizel'nye dvigateli D-50 i D-501, rukovodstvo po ekspluatateii i ukhodu. L.d. 2., lspr. i dop. Minsk, Urozbai, 1966. 135 p. diagrs. (insert)
- MITROFANOVA, L.A. [Preservation of raw hides and far-in and far-out type peltry, methods for quality preservation] Sukhramente kozhevennogo, shubnogo I mekhovego syr'la; metody sokhramenta kachestva, Moskva, Ekonomika, 1966, 91 p. (Biblioteka zagotovitelia /hlyotnovodcheskikh produktov i syr'la)
- [MIXTURE DISTRIBUTION IN A CARBURETOR ENGINE]
 Raspredelonie smesi v karbimatornom dvigatele. [By]
 V.I Andreev i dr. Moskva, Mashinostroenie, 1986. 125 p
- MOROZOV, A. F., V. M. SOLOV'EV, and A. I. STURIS. [Handbook for the combine operator] Sprayochutk mekhantka-kombainera, Moskva, Kolos, 1966, 286 p.
- MOSKOVSKII INSTITUT NARODNOGO KHOZIAISTVA, Kafedra tekhnicheskoi mekhaniki. [Methods manual on the solution of problems in the strength of materials; for correspondence students of the technological department) Metodicheskie ukazanita k teshenitu zadach po soprotivlenitu materialov, dila studentov zacelmogo oldelenita tekhnologicheskogo fakul'ieta. Dopolnenie k metodicheskim ukazanitam i kontrol'nym zadanitam A.V. Darkova, 1 B.I. Kutukova, 12d. 8, 1860 g Moskva, 1862. 35 p.
- MUSTAFAEV, N.A-B. [Some problems in the technology of well drilling in northern Daghestan] Nekotoryo voprosy tekhnologit burenifa skvazhin na Savere Da-gestana. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1965, 28 p.
- NARET, G. B. [Intensifying the performance of wheel-type jib excavators] Intensifikatsita raboty rotornykh strolovykh ekskavatorov. Moskva, Niliaformatsii-stroidorkommunmash, 1965. 60 p. (Serila 1: Stroitel'-nye i dorozanye mashiny)
- NAUCHNO-ESLEDOVATEL'SKII INSTITUT BETONA I AUCHNO-SSLEDOVATEL'SKII INSTITUT BETUNA I ZHELEZOBETONA. [Protecting structural elements from corrosion; materials of a coordinating confer-ence] Zashchita stroitel nykh konstrukteil ot korrozii: materialy koordinatsionnogo soveshchantia. Pod red. V.M. Moskvina i V.M. Medvedeva. Moskva, Stroitzdat, 1868 250 2 1966, 250 p.

- NAUCHNO-ESLEDOVATEL'SKII INSTITUT EKONOMIKI STROITEL'STVA TSentral'noc normativno-issicdo-tatel'skoe biuro Standard specifications and esti-Standard spectreations and estimates for constitution, assembly, and tapar operations. Underground assembly of mining equipment }. Tipot ye normy i rastscult in stroitelynye, montazhnye i temontno-stroitelynye raboty. Montazh shakhtnogo oborudovanifa y podzemnykh uslovnakh. Moskva, Stroitzdat, 1966. 71 p.
- NEIMAN, V.F., and I.M.PEVZNER. [Stages of the "Signal" television receiver in amateur radio designs] Blokt televizora "Signal" v radioliubitel'skikh konstruktstiakh. Moskwa, Energila, 1965. 109 p. (Massov da radiobiblioteka, no.588)
- NEVZOROV, L.A., and G. S. KIR'IAKOV [New KB-setles tower cranes] Novye bashunnye Prany serit KB. Moskva, Milinfor matsitati oidor kommunusash, 1965. 79 p. (Serita 1 Strottel'nye i dorozhnye mashiny)
- NIPPON TAIKABUTSU GLIUTSU KYOKAI [Reflactories, handbook Translated from Japanese] Ogneupory, sprayochnik. Moskva, Metallurgila, 1967—190 p
- NOVOPASHENNYI, G.N., and T.V., NOVITSKII. [Elec-tionic measuring instruments] Elektronnye izmerit-tel'nye pribory Moskva, Energiia, 1966. 266 p
- OKHREMENKO, N.S. (Wine making and wines in the Ukraine) Vinodelie i vina Ukrainy. Moskva, Pisachevala promyshl., 1966. 338 p.
- OLEINIKOV, V.A., and O.N.TIKHONOV [Automatic control of technological processes in one dressing]
 Avtomaticheskoe up avlente teknologicheskimt protsessami v obogatitel'noi promyshlemosti Lenin-grad, Hedra, 1966. 355 p
- OL'KHOVA, A.P. [Elevators in highrise apartment houses, selecting the type of elevator and determining their quantity] Lifty v zhilykh domakh ovy, aennot dazhnosti, vybor tipov littov i opredelenie ikh keli-chestva, Moskva, Nauchno-issl, in-t teorii, istorii i perspektivnykh problem sovetskoi arkhitektury, 1866. 13 p.

[MICROFILM]

- [OPERATION OF THE CABLE LINES OF A RURAL TELE-PHONE EXCHANGE] Eksphuntatsila kabel'nykh linit sel'skoi telefonnoi sviazi, [By] L. B. Marimont i dr. Moskva, Sviaz', 1906, 86 p. (Biblioteka sel'skogo aviazisťa)
- ORLOVSKII, V.S. [Designing and building reinforced and mush-reinforced concrete surfaces for roads] Prochtirovanite i stroitel'stvo strunobetonnykh i armobetonnykh dorozhnykh pokrytii. Moskva, Vysshala shkola, 1965. 68 p.

[MICROFILM]

- OSIS, J., ed. [Automatic regulation and control, laboratory work] Automatiska regulesana un vadiba; laboratorijas darbi. [By] T. Crivins un citi. Riga, Zvaigzne. Pt.1. 1966. life p. [In Laivian]
- CSTAPENKO, P.E. [Practices of dressing it on ores in the Krivoy Rog Basin] Praktika obogashchenita zhelez-nykh rud v Krivorozhskom basseine Moskva, Nedia, 1966. 246 p.
- OSTAPENKOV, A.M. [Calculation and design of travel-ing-wave tubes, manual for course projects on super-high frequency devices] Raschel i konstruirovanie lamp begushelei volny, posobte k kursovomu proektro-vantiu po priboram svei khvysokikh chastot Red. I. V Lebedev. Moskva, Mosk energ in-t, 1986 112 p.
- OZERNOI, M.I., and V.G.SOBOLEV. [Flexible mine cables] Shakhtnye gubkie kabett. Moskva, Nedra, 1966. 255 p.
- PAKSHVER, A.B., ed. [Carbon chain fiburs] Karbotsep-nye volokna. Moskva, Khimita, 1966. 285 p.
- PAKSHVER, A.B., and A.I.MEOS [Technological cal-culations in the production of synthetic fibers] Tekhno-logicheskic raschety v proizvodstve khimicheskikh volokon, Izd.2., perer. i dop. Moskva, Khimija, 1966
- PERMSKII SEL'SKOKHOZIAISTVENNYI INSTITUT (Performance of the fuel system of a tractor diesel engine) O rabochem protsesse toplivnol sistemy traktornogo dizolia. [Perm*] Permskoe kaizhnoe izd-vo [1865] 58 p. (Hs. Trudy. Oddel'nyl vypusk) [MCROFILM]

- PETERSONE, M., and A.PASOPA. [Tasty and healthy meils] Garsigi un veveligi edleni. 2., prestradatais un papidinatals indeviums. Piga, Liesma, 1966. 334 p. [In Latvian]
- PETROV, L M [Textbook on safety measures] Ucheb-noe posoble po tekhnike bezopasnosti Moskva, Kolus, 1960—184 p
- PILATOVSKII, V.P. [Fundamentals of hydromechanics of a thin formation] Osnovy gidromekhaniki tonkogo plasta. Moskva, Medra, 1966. 316 p.
- PLATONOV, N.KH., and R.A. TIMIOMIROV. [Practical handbook for a course on the "Fundamentals of engineering geology"] Praktichest of posoble po kursu "Osnovy inzhenernoi geologik," Pod red. I, F. Golubeva. Moskva, Nedra, 1965. 79 p.
- PLOTNIKOV, N. I. [Prospecting for fresh underground waters for the purposes of large-scale water supply]
 Poiskt i razvedka presnykh podzemninykh vod dlia teelef krupnogo vodosnabzhemia, [Moskva] Izd-vo
 - Mosk, univ.
 Pt. I. [Hydrogeological principles] Gidrogeologi-cheskie osnovy. 1965 241 p
- POLULIAKH, K.S. [Electronic measuring instruments, analog and digital] Elektronive Emeritel'nye pribory, analogovye i tsifrovye Moskva, Vysshala shkola, 1966 399 p
- POVILEIKO, R.P. [Psychological requirements of man in modern technology, experimental lecture for stu-dents of construction majors in the Machinery and Instrument Manufacture faculties of the Novosibirsk Electrotechnical Institute Opsikhologicheskikh tre-bovanijał b cheboveka k sovremennoj tekinike, eksperimental nala lekisila dila studentov konstruktor skikh spets[all noster mashinostroitel nogo i priborostroitel nogo faku'tetov Novosibirskoj,o elektrote/hnicheskogo instituta. Novosibirsk, Novosibirskii elektrote/hni. in-t, 1965. 69 p.

[MICROFILM]

- POZIN, M.E., ed. [Calculations in the technology of inorganic substances] Raschety po tekhnologii neorganicheskikh veshchestv [By] M.E. Pozin i dr. Moskva, Khimita, 1966 638 p
- [PRACTICAL WORK ON THE GEOLOGY OF THE U.S.S.R., Russian Platform] Praktikum po geologii SSSR; Rus-skaia platforma. [By] M. F. Mikunov i dr. Moskva, Vysshala shkola, 1966. 199 p.
- PROKHOROV, G.A. [Isotopes in the machinery industry]
 Izotopy v mashinostroenit. [Perm'] Permskoe knizhnoe izd-vo, 1963. 36 p. (Molodomu mashinostroitellu)
- PURIN, B.A., and V.A.TSERA, [Pyrophosphate-animo-nium electrolyte for zinc plating] Pirotosfatno-am-monlovyi elektrolit isinkovaniia, Riga, Latviiskii 1 espubl. in-t nauchno-tekhn. informatsii 1 propagandy, 1966. 14 p. (Listok telmitcheskoi informatsii. "Khi-michoslaia promyshlennost")
- PUTNINS, JANIS. [Fundamentals of electric driving and electric control of machine tools] Metalgriesanas darbgaldu elektropiedzina un elektroautomatika, pama-ti, 2., paristradatais un papiidinatals izdevums. Riga, Liesma, 1966. 173 p. [In Lalviun]
- RAKOV, M.A. [Transistorized wideband frequency convertors] Shirokopolosnye preobrazovateli chastoty na poluprovodnikovykh triodakh. Klev, Naukova dumka, 1986–118 p.
- RAMODIN, V.N. [Handbook for the operator of an elec-tric loader] Posoble voditeliu elektropogruzchika. Moskva, Transport, 1966 216 p.
- RAZUMOV, A.A. [Home preservation of fruit and vege-tables] Konservirovanie fruktov i ovosichel v do-maslmikh uslovitakh. Ed 2., ispr. i dop Tashkent, "Uzbekislan," 1966 333 p.
- REISH, A.K. [Increasing the durability of parts of the running units of excavators; a survey] Uvelichenic srokov sluzhby detalei khodovykh ustroistv ekskava-torov; obzov. Moskva, MILINFSDKM, 1965. 73 p. (Seriia I: Stroitel'nye i dorozhnye mashiny)
- RIGAS POLITEHNISKAIS INSTITUTS. Elektroenergeti-kas fakultate. Siltumenergetikas katedra. Introduc-tion to heat engineering, for heat engineers] Levads siltumenergetika; siltumenergetikas specialitatei. Sastadijis A. Zingitis, Riga, 1968–174 p. [In Latvian]

- ROMANIV, O.M., and H.L.CHEREPANOVA [Thei mo-met bank al har dening of steel] Tei momeklaunchac zmitsnennta stall Kylv, Naukova dunka, 1986 218 p
- ROSIOV, N.N. [Efficiency of design details for industrial farm buildings] Effektivnost' konstruktivnykh reshenit industrial'nykh sel'skokhozianstvennykh zdanii. Moskoa, Stroitzdat, 1966. 95 p.
- ROSTOVSKII PROMSTROINIIPROEKT. [Dynamic loads caused by crushing and milling, drafting and blasting mat himes and centrifuges, handbook for designers] Dhannicheshle napravki of drobill no-razmol'nykh, Hapodul'ovyh mashin i tsentrifug, posoble dila procktirorshchakov. Rostov-na-Dom, 1966, 47 p. [MICROFILM]
- RUBETS, D.A. [Fuel officiency of a motor vehicle] Topityaria ekonomichmost axtomobilia 1/d 2 Mo-skya, Transport, 1966 62 p. (Nauchno-popularnam hiblioteka aytomobilista)
- RUDAKOV, V.N. [Operation and repair of heat engines] Ekspluatatsita i remont toplovykh dvigatelei Moskva, Emergifa, 1966. 311 p.
- RUSSIA (R.S. F.S. R.) Upraviente gorodskogo elektro-transporta [Safety regulations for urban electric transportation [Pravila tekhniki bezop ismosti na gorod-skom elektroti ansporte. Moskan, Stroitzdat Sec 2. [Rolling stock of street car lines and trolley buses, depot, repair shops] Podvizhnoi sostav transvata i trollebusa, depo, remontnye master-skie 1906—111 p.
- RUSSIA (R.S.F.S.R.) Vostochno-Sibitskoe geologiche-skoe upravienie po polskam i razvedke netil i gaza Geology aud gas and oli potentials of Eastern Siberia Geologita i gazoneftenosnost Vostochnoi Sibit i Mo-9kva, Nedia, 1966. 438 p
- RUSSIA (U.S.S.R.) Go-udarstvennyl komitet po delam stroitel'siva. [Standard specifications and estimates for construction, assembly, and repair operations] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontac-stroitel'nye raboty. Moskva, Stroitzdat, Shornik 12. [Piling] Svainye raboty, 1966, 30 p. Shornik 22. [Welding] Svarochnye raboty, 1966, 08 p.
- RUSSIA (U.S.S.R.) Gosudar atvennyl komitet standarlov, mer I Lener (101/1944) priborov [Antil fetton bearings, pressed-en c.pp] Podsilipniki kachenita; keyshki prizhtranye. GOST 11038-05 GOST 11643-05, Izd, offtenit nec. Moskya, Izd-vo Slandarlov, 1999, 54 p. (SSSR, Gosudar stvennye standar ty)
- RUSSIA (U.S.S.R.) Gosudar stvennyi komitet standartov, mer I Izmer Hel'nykh priben ov. [General purpose ulipiline fittings, stop valves of maltenble cast from Armatura I tuboprovodanta obselekto naznachenila; ventili zapernye iz kovkogo chuguna GOST 11448-65 GOST 11471-05, GOST 6761-65, GOST 4666-65. Ld. ofitsial noc. Moskva [Izd-vo Standar tov] 1866. 101 p. (SSSR, Gosudar stvennye standarty)
- RUSSIA (U.S.S.R.) Gosudarstvennyt komitet standartov, mor 1 izmeritel nykli priborov [Wood; methods of lesting] Drovesina, metody lispytanit. GOST 11483-65--GOST 11400-05. Izd. ofitislal noc. Moskva [Izd-vo Standartov] 1966, 187 p. (SSSR, Gosudarstvennye standartov)
- RUSSIA (U.S.S.R.) Komitet standartov, mer i izmeri-tel'nykh priborov. [Instruction 194-62 for checking plasemeters] Instruktsik 194-62 po powe ke fazome-trov. Ltd. offishi'non. Menkva, Ltd. vo Standartov,
- RUSSIA (U.S.S.R.) Komitet standartov, men i izmeritel'ny'h prihorov. [Tungsten concentrate; methods of deformination] Kontsontrat vol'framovyi, metody nnaliza. COST 11884-60-GOST 11896-60. 17d. ofitsial'noo. Moskva [Ld.-vo Standartov] 1966. 68 p. (SSSR. Costala styonyme standartiv.) Gosudai stvennye standarty)
- RZHEVSKH, V.V. [Classification and rating of rocks by their physical properties] Klassifikatstia i pasportiza-tslia gornykh porod p ikh fizicheskim svoistvam. Mo-skva, Mosk in-t radioelektroniki i gornoi elektro-mekhaniki, 1966. 13 p
- R7HEVSKII, V. V. [Technology, mechanization and automation of open-pit mining operations] Tekh-nologila, mekhanizatsiia i avtomatizatsiia professov oftrytykh gornykh razrabotok. Moskva, Nedra, 1966.

- SADIKOV, I N [Regulation of public eating facilities] Regultrovanie obshchestvennogo pitantia Moskva, Ekonomika, 1966—159 p
- SCHASTLIVYI, G.G. [Heating of enclosed asynchronous motors] Nagrevanic zakrytykh asinirhromykh elektro-dvigatelet. Kiev, Naukova dumka, 1966, 195 p.
- SEMICONDUCTOR DEVICES AND THEIR APPLICA-TIONS Poluprovolult over pribory I ikh primenene, sbornik statet. Pod red. IA.A. Fedotova, Moskvi, covet. o 12 lo. No.16, 1966, 263 p.
- SHAGIN, P.P. [Statistical calculation of frame and panel multistory apartment houses] Statisheskii raschet karkasno-panel'nykh zhlijkh zdanii bol'shoi etazhnosti Lentugrad, Sirolizdat, 1966. 121 p
- SHAPIRO, IA.M., G.IU.MAZING, N.E. PRUDNIKOV.
 [Theory of solid fuel rocket engines] Teorific raketnogo dvigatella na tverdom toplice. Moskva, Vocnizdat, 1966. 255 p.
- SHATILOV, A. P. [New boring methods and equipment for strip mining] Novaia burovaia tekhnika dila otki yivkh rabot, Moskva, Nedra, 1966, 95 p
- SHEPELEV, I.G. [Equipment of by-product coking plants] Oborudovanie koksokhimicheskikh zavodov. Moskva, Metallingifa, 1966—332 p
- SHISHKIN, V. E. [Combined resistance, manual on the course "Strength of materials" for students of the Engineering Department] Stozhnoe soprotivienie, posobite po kursu "Soprotivienie materialnow" dia studentov inzhenernogo fakul'teta. Moskva, Vses. -kh. in-t zaochnogo obrazovanila. Pt. 2, 1965, 38 p.
- SKIBA, M.M. [Paetical bydiculies for hijgatois]
 Plakticheskala gidiavlika dlia hijgatoiov Moskva,
 Kolos, 1966 151 p.
- SKOPTSOV, V.I., M.V.KALINKOV, and K.F.ROMA-NOV. [Machine tools and metal-cuiting tools at the Lelpzig Fait in March 1965] Mctallorezhushchie stankl i instrumental noo proizvodstvo na Lelpzigskol iarmarke v marte 1965 g. Pod obshchei red. V.I. Skopisova. Moskva, NiiMash, 1963. 64 p. (Serila S-1 Stankostroenie)
- SKRODELIS, J. [Installations of central heating] Cen-tralapkurca lekartas Riga, Liesma, 1996, 210 p. [In Latvlau]
- SMOLIANITSKII, B.Z. [Manual for the operators of di-gosters in sulfate pulp production] Posoble varshchiku sul'fattselliuloznogo prolavodstva, Moskva, Lesmin promyshl., 1866, 223 p.
- SOKOLOV, V.K. [Modernizing apartment buildings; basic principles and methods of rebuilding major build-ings] Modernizatella zbligkh zdanii, osnovnye prin-tsiny i metody rekonstruktsli kapital'nykh zdanii Mo-skva, Stroitzdat, 1966—150 p
- SOLOVOV, A. P. [Methods of geochemical prospecting for ore deposits based on their secondary balus and flows of dispersion] Geokhimicheskie metody poiskur rudnykh mestorozhdenit po ish vtorichnym oreolam i poloham rassetanita. Moskva, Gos, geologicheskii kom-t SSSR, 1985, 62 p.

 [MCGGELM] [MICROFILM]
- SOLOVISOV, V.K. [Control and measuring instruments] Kontrol'no-izmeritel'nyo pribory, 2, izd., perer.i dop. Meskva, Vysshala shkola, 1966, 263 p.
- SONIN, E.K. [Miniature secretarial tape recorder] Miniatiurnyi magnitofon-sekretar'. Moskva, Energiia, 1966. 47 p. (Massovaia radiobiblioteka, no. 614)
- STASHEVSKAIA, S.G. [Work safety on scaffolding and staging] Bezopasnost rabot na lesakh i podmostiakh. Moskva, Stroiizdat, 1966, 72 p.
- STEPENKOV, IU.A. [Fitter for repairing hydraulic turbines] Slesar po remontu gidravlicheskikh turbin. Moskva, Vysshala shkola, 1966. 215 p.
- STERENBOGEN, IU.A., V.F.KHORUNOV, and IU.IA. GRETSKII, [Welding and build-up welding of cast Iron] Svarka i naplavka chuguna. Kiev, Naukova dumka, 1966. 210 p.

- STREL'TSOV, B.N., and L.L.LIISHIIS [Magnetic tape recording in technology and everyday [He] Magnetic ratha a rapis' v tekhnike i bytu Moskva, Znanie, 1965 31 p (Nove v zhizni, nauke, tekhnike IV Seriia).
- SVETLOV, B. IA., and N. E. IAREMENKO. [Theory and proporties of industrial explosives] Tooliki i groups the promyshlennykh vzivychatykh veshchestv. Ld. 2., dop. 1 peror Moskva, Nedra, 1906. 231 p.
- [TECHNOLOGY OF COMBINED NITROGEN] Tellmolegis sylazamogo azota. [By] F.A. Andreev i dr. Moskaa Khlmila, 1966. 498 p.
- [TECHNOLOGY OF THE MANUFACTURE OF LARGE ELECTRICAL MACHINES IN THREE PARTS] Takhalogiia kuupnogo elektromashinostroeniia v trekh chastiakh [By] D M Bliumenkrants i dr. Moskva, Energia.

 Pt 3 <u>Bliumenkrants, D M</u> [Heavy machines]

 Krupnye mashiny 1966 305 p.
- TELECOMMUNICATIONS DICTIONARY IN SEVEN LAN ELECOMMUNICATIONS DICTIONARY IN SIMPLY LAW GUAGES, English-Russian-French-Spanish-Halian-German-Dutch. 9, 000 terms | Semilazychnyf slovar' po elektrosylazi, anglo-russko-frantsuzsko-ispransko-ital'lansko-nemetsko-gollandski, 9000 terminov. Moskva, Sov.Entsiklopedlia, 1966. 708 p.
- TIKHONOV, V.V. [System of planned preventive maintinance of installations and equipment of main pipeline Sistema planovo-predupreditelinego remonta soor uzinit i oborudovanita magistralinykh truboprovodov. Moskva, Nedra, 1966. 178 p.
- TKHOSTOV, B.A. [Initial reservoir pressures and ge-hydrodynamic systems] Nachat'nye plastovye divice i geogidrodinamicheskie sistemy Moskva, Nedra, 1966–267 p
- TORGONSKII, M.N., V P.KROFOV, and V.S. BRA & C [Construction of logging roads and artificial structures] Strokta'istvo losovoznykh dorog i iskussivenn sooruzhenti izd 2 , ispr i dop. Moskva, I.esualia promyshl ,1966 390 p
- TOROCHESHNIKOV, N.S., and V.A.SEMI'NOVA, [Meods of analysis of combustible gas mixtures] Metodika analiza goriuthikh gazovykh smesci. Moskva, Mosk, khimiko-tekhnolugicheskii in-t, 1965. 27 p. [MICROFILM]
- TRUSHKIN, V.P. [Error? How to prevent it; an akt to the young designer] Oshibka? Kak ee predotvratit? v pomoshch' molodomu konstrukloru [Mosker] Merabochit, 1966—107 p.
- TSENTRAL'NYI INSTITUT NAUCHNO-TEKHNICHI SKA INFORMATSH LEGKOI P. Om / MLDERROCHI, [1:11] cient methods for the processing of triacetate staple fibers by the fine-combing system of spinning Rats nal'nyo realiny per erabolki triatsetatningo shiapel'i volokna po tonkogrehennoi sisteme priadenifa. Moskva, 1965. 58 p.

- TSENTRAL'NYI INSTITUT NAUCHNO TLKHNICHI SKO INFORMATSH PISHCHEVOI PROMYSHLENNOSTI. Advanced work practices in the Lugansk Bakety No.
 Peredovol opyt raboty Lugansko, okhlebozavoda No.
 [By] I M Panasluk I dr. Moskva, 1965. 19 p.
 [MICROFILM]
- TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSI ENTIAL MYI NAUCHNO-ISSLEBOVATIL SKI INSI TUT PATENTNOI INFORMATSH I TEKHINIKO-EKO MICHESKIKH ISSLEBOVANII, [International pateri classification] Mezhdunarodnaia patentnaia klassiji katshi (MPK), Izd.4., Ispr.i dop. Moskva, 1966.

[MICROFILM]

- UL'RIKH, S.S., and V.I. PUSKOV. [Seasonal freezing soils and their interaction with building foundations Sezonnee promerzante gruntov i ikh vzaimodeistrie s fundamentami zdanii. [Krasnoiarek] Krasnoiarek knizhnee i: vo, 1965. 165 p. [MICROFILM]
- UMANSKII, S.P. [Equipment of an an pilot and astro-naut] Snariazhenic letchika i kosmonavta. Moskya, Voenizdat, 1967, 191 p.
- VAINSHTEIN, L.A. [Open resonators and open wave guides] Olkrytye rezonatory i otkrytye volnovody. Moskva, Sov. radio, 1966. 474 p.
- VAINSHTOK, V.V., ad. [Lubricating greases] Kon-sistentnye smazki, [By] D.S. Velikovskii i dr. M. skva, Khimiia, 1966. 255 p.

- VASIL'EV, V.V., A.N.KLEPIKOVA, and A.G. TIMO-SHENKO. [Solution of problems in optimum planning using analog computers] Respente radach optimaling optimitovantia na elektromykh modelfakh. klev. Naukova dumka, 1966. 163 p.
- VEDERNIKOV, M.1., and I.V. RUDOI. [Handbook for the open afters of compressors and pumping machinery in the chemical industry] Mashinist kompressornykh ustanovok khimicheskof promyshiomosti. Izd. 2., ispr. Moskva, Vysshala shkola, 1965. 386 p.
- VELIZHEV, F.K. [Short-jet combustion of mazut] Korotkofakel'noe szbiganio mazuta. Leningrad, Nedra, 1966, 126 p
- VEL'MOZHIN, A.V. [Behind the steering wheel of a motortruck] Za rulem avtomosilia. Velgograd, Nizhne-Volzhskoe knizhnoe izd-vo, 1965. 114 p.
- VEREGITIN, I.Z. [Ceramic pulpatones] Keramicheskie defibrernye kamit. Moskva, Tšenti nauchno-issl in-t informatsii i tekhniko-ekon issledovanii po lesnot, tselllulozno-bumazhnol, det evoch abatyva uskulei promyshi i lesnomu khoz , 1966–35 p (Bumaga i tselliuloza)

[MICROFILM]

VERETENNIK, D.G. [Ways for the automation of deter-mining wood defects by examining them with gamma and X 1ays] Puti avtomatizatyli opredelenila porokov drevesiny metodom prosvechivanila gamma i renigen-luchamit, Kirov [Volgo-Vlatskoe knizhnoe lzd-vo] 81 p.

[MICROFILM]

- VERZHBITSKAIA, V.A. [Reading of drawings] Chtenie chartezhen. Kiev, Tekhnika, 1966. 130 p.
- VOLCHKEVICH, L.I. [Machine-tool units and automatic lines, methods manual for teachers of technical schools] Agregatnya stanki i avtomaticheskie linii, metodicheskoe posobie dia prepodavatelei tekhnikumov Moskva, Uchebno-metodicheskii kabinet Mosgorsovnarkhoza, 1965 58 p. falichofellali

[MICROFILM]

- VOL'DEK, A.1. [Electrical machinery] Elektricheskie mashiny. Moskva, Energiia, 1986, 762 p.
- VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GEOFIZICHESKIKH METODOV RAZVEDKI, Volgo-Und'skii filhal. (Geophysical studies in Bashkli ia and adjacent regions) Geofizich eskie issledovanila v Bash-klrii i sopredel'nykh ralonakh, sburnik statel, Đashkirskoe knizhmoe izd-vo, 1965, 158 p.
- VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT OKHRANY TRUDA. [methods instructions on the calculation and design of units for pneumatic removal of nation and design of units for pneumatic femoval of wastes from the FT-2 two-stage filters) Metodicheskie ukazanila po raschetu i proektirovanilu ustanovek ilita pnevmaticheskogo udalenila ugazovot dvukhstupenchatykh ffi'trov FT-2 Ivanovo, 1065 23 p. [MCROFILM]
- VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT TEKHNICHESKOI INFORMATSII, KLASSIFIKATSII I KODIROVANIIA [State control of the quality o, indus-trial production in the German Democratic Republic, Information survey] Gosudarsivennyi konirol' kachestva n omyshlennol produktsii v 3Dr; informatsionnyi obzor Moskva, Izd-vo Standartov, 1965–15 p. (Kachestve, nadezhnost', dolgovechnost', Standartizatsila za ruhozhom)

[MICROFILM]

VSESORUZNYI ZAOCHNYI INSTITUT TEKSTIL'NOI I LEGKOI PROMYSHLENNOSTI, Fakul'ict usovershen-styovania inzhonerov i rukovedlashchikh rabetnikov, Kafedra ickimologii shvelnogo proizvedsiva. Dimen-sions and form of the luman body; correspondence course lecture cycle for the improvement of the skill of designers and model-makers of tailoring enter-pulsed. Desmont, formatical gleslavia, taila lecteria. or designers and month-matter of actions can be prised Razmery i for mattel a cheloveka; tsiki lektsii dila zaochnogo usovershenstvovanila znanii konstruktorov-model'erov shveinykh predpriiatii. Moskva, 1902. 37 p.

[MICROFILM]

VYSTAVKA DOSTIZHENII NARODNOGO KHOZIAISTVA YSTAVKA DOSTIZHENII NARODNOGO KHOZIAISTVA
SSSR, Ohredinenye pavil'ony "Stroitel'stvo," [New
kinds of equipment and fixtures for sanitary engineering in apartment, industrial, public, and medical
buildings; guidebook to the exhibition of this equipment. Novye vidy sanita no-tekhnicheskogo oborudovaniia i armatury dia zhilykh, promyshlemykh,
obshchestvennykh i lochebnykh zdanii, putevoditel'
po tematicheskoi ekspozitsii, Moskva, 1965, 19 p.
[MICROFILM]

- [WELDING AND BUILDING-UP OPERATIONS IN STREET-CAR MAINTENANCE] Svarochno-naplayochnye raboty t itanwainom khoziaistve [B] V.S Naumenko i di Moskva, Stroitzdat, 1966 202 p
- [WELDING IN CARBON DIOXIDE] Svatka v uglekislom gaze, Izd, 2., penen, i dop. [By] 1,1,Zaruba i dr. Kiev [Tekhnika] 1966, 200 p.
- WILSON, MITCHELL A. [American scientists and inventors Translated from the English] Amerikanskie inventors Translated from the English Amerikanski uchenye i izobretateli. [Moskva, Znanie, 1961] 148 p
- [WORKING PRINCIPLE AND REPAIR OF MOTOR VLHI-CLES] Ustroisivo i remont aviomobilet, [By] N.D. Morozov i dr. Moskva, Vysshaja shkola, 1966. 295 p.
- ZAPORIZ*KYI AVTOMOBIL'NYI ZAVOD "KOMUNAR," Time ZAZ-966V "Zaporozhets" automobile, mainte-name manual] Avtomobil! "Zaporozhets" modeli ZAZ-966V, iskovodstvo po (Espluatatsil, Izd. 1, Dnepropetrovsk, Promin', 1866, 208 p.
- ZIULIKOV, G.M. [Subsurface in igation systems]
 Zakiytye orositel'nye sistemy. Moskva, Kolos, 1966.

17. MILITARY & NAVAL SCIENCES

- ALEKSÁNDROV, A.V. [Ship systems] Sudovye sistemy. [Leningrad] Sudostroenie, 1986 219 p
- ASTRATOV, N.A. [Demineralization and deaeration of water on ships] Opresnente I descratalization vody has sudaklı. Leningrad, Sudostroenie, 1966 266 p
- BARANOV, IU.K. [Use of sectoral radio beacons in navigation] Ispol'zovanie sektornykh radiomalakov v sudovozhdenii. Izd. 3., dop.; perer. Moskva, Transport, 1966. 83 p. (Kursy usovershestvovanila Playsostava MMF)
- BUTMAN, B.S. [Organizing the repair of mass-produced fishing boats] Organizatsiin remonta sertinykh rybo-promyslovykh sudov Moskva, Pishchevala promysh-lennost", 1966. 78 p.
- DANILOV, D.1., and V.V. BELETSKII. [Progressive methods of shipping cargoes by sea] Progressivnyo metody merekikh perevozok gruzov Moskva, Transport, 1966 159 p.
- DVORKIN, M.I. (Automatic electrodeposition of wear-resistant contings in slip repair) Aviomaticalistic nanescritic iznosostolikish gal'vanopokrytii v sudo-remonte. (Moskval Transport, 1986. 45 p.
- GRISHIN, IU.A. [History of navigation] Istorila mote-plavaniia. Moskva, Transport, 1966. 226 p.
- ILICHEVSK. Odessa, Majak, 1966. 38 p. illus.
- KONCHAEV, V.I., and N.N.BANATOV. [Textbook for ship engineers] Uthebnik sudovogo motorista. Mo-skva, Transport, 1966. 282 p.
- KOSTIUKOV, A.A. [Resistance of water to the movement of ships] Soprotivlente vody dvizhentiu sudov. Lenin-grad, Sudostroenie, 1966. 447 p.
- KOZHUSHNIAK, A.I., L.S.RAKHMAN, and U.V.MAK-SIMOV. [Construction of plastic boats] Postroika plastmassovogo sudra. Leningrad, Sudostroente,
- KRYSENKO, G.D. [Modern systems of air defense; methods and means of control of combat operations) Sovremennye sistemy PVO, metody i siedsiva uprav-leniia boevymi deistviiami. Moskva, Voenizdat, 1966.
- KURZENKOV, S.C. [Air ace] Vozdushnyl as. Mo-skva, DOSAAF, 1966, 43 p. (Moledezhi o geroinkh i podvigakh)

- KUTSENKO, V. L., comp. [Hungarian-Russian military dictionary Approximately 25,000 terms] Vengersko russkir vocanyi slovar' Okolo 25 000 terminov. Moskva, Vocanzdat, 1966—416 p.
- KUZ'MIN, F.M., and IU.K.MATASOV. Paint material in ship repair? Ohr asochuye materially v sudorement Moskva, Transport, 1966, 102 p.
- LOGINOV, V.A. [Electric equipment of marine refrige rating units, maintenance and care] Elektroobocado-vanic sudovykh kholodil'nykh ustanovok, obsluzhivante lukhod, Pod red. G.M.Nikatina, Moskva, Transpo
- MALYSHEV, E.1. [Preparation for storage, storage, and poststorage treatment of the electrical equipment of ships] Konservatshia, khranente traskonservatshi sudovogo elektrooborudovanila, Moskva, Transport, 1006. 1966. 26 p.
- MERENOV, I.V. [Means of conveyance under water] Sredstva peredvizhenia pod vodoi Moskva, DOSAA1
- [MODERN WARFARE AND THE PSYCHOLOGY OF THE SOLDIER] Sovremennyi boʻi psikhologila voina, Moskva, Voenizdat, 1967. 110 p. (Soldatu i matrosu o revollutsii v voennom dele)
- NIKOL'SKII, L.B., ed. [Korean-Russian military dle-tionary. Approximately 20,000 terms] Koreisko-russkii voennyi slovar'. Okolo 20 000 terminov. Moskva, Voenizdat, 1966. 281 p.
- PLIUSHCHEV, V.A. Nikolai Tomin. Moskva, Voenizdi 1966. 146 p. (Net: le polkovodisy i voenachal'niki)
- PYSHKIN, A.IA. [On the call of duty, the combat record of the lst Kerch-Vlenna Rcd Banner Brigade of Atmored Boate] Po velentia dolga, boevol put'l-1 Kerchenslo-Venskol Krasnoznamennol brigady bronekaterov. Moskva, Vocnizdat, 1967, 167 p.
- REINGOL'DT, IU. A., ed. [Flectric equipment of ships and ship repairing yands] Elektrooborudovante sudov i sudoremontnykh zavodov [By] IU. A. Reingol'dt i dr. Moskva, Transport, 1966, 350 p.
- RODIONOV, A.I. [Automatica et navigation] Avtomati-zatsita sudovozhdenita. Moskva, Transport, 1966. 98 p. (Kursy usovershenstvovanita plavsostava MMF)
- [SHORT GUIDEBOOK TO THE MILITARY HISTORY MUSEUM OF ARTILLERY, ENGINEER TROOPS, AN SIGNAL TROOPS] Vocumo-istoi icheskii muzei artiklerii, inzhonei nykh voisk i voisk sviazi. Ki atkli putovoditel 5, izd. Pod obshchei i ed. A.A. Bumagina. Leningrad, 1966 231 p
- SIDEL'NIKOV, I. I. [To the soldier about the new five-year plan] Volau o novoi platitetke. Moskva, Voenizdat, 1966. 103 p.
- SMANTSER, A. I. [Overall automation of the power plants of river steamboats] Kompleksania avtomatizatsiin silovykh ustanovek rechnykh parekhodev. Meskva, Transport, 1966, 144 p.
- TSENTRÁL'NYI MUZEI VOORUZHENNYKH SIL SSSR. Laiosh Gavio. Moskva, 1986. 25 p.
- VLASOV, V.G., and V.G.SVECHNIKOV. [Flectronic navigation devices] Elektroradionavigatsionnye pri-bory. Ld. 2., perer. i dop. Moskva, Transport, 1866. 334 p.
- VODOP'IANOV, M.V. (Friends in the sky) Diuz'ia v nebe. Moskva, Sov. Rossila, 1967. 200 p. (Rasskaz byvalykh tiudei)
- VORONOV, V.V., and V.K. PERFIL'EV. [Atlas of electric navigation equipment] Atlas elektronavigatsion-nykh priborov. Moskva, Transport, 1966. 63 p.

1. GENERAL

SCHOLARLY JOURNALS

- AKADEMIIA NAUK ARMIANSKOI SSR, <u>Erivan</u>, Vestnik obshchestvennykh nauk (ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Review of Social Sci-ences]. Erivan, no.5(276), May 1986.
 - Table of contents translated: Table of contents translated:
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- 1963.

 Table of contents translated
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- AKADEMIIA NAUK MOLDAVSKOI SSR, Izvestiia [ACAD-EMY OF SCIENCES OF THE MOLDAVIAN S. S. R. Bulletin]. Kishinev, no.5, 1965.

 - Table of contents translated.

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- AKADEMIA NAUK SSSR. Sibitskoe otdelenie, Izvostila (ACADEMY OF SCIENCES OF THE U.S.S.R. Sibits and Department, Bulletin). Novosibitsk, no.9, 1966. Settle obshehestvennykh nauk (Series in the Social Sciences], no.3,
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 - Table of contents translated
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 CONFERENCES, AND CONGRESSES] Issued by
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 no. 10(71), 1966. no, 10(71), 1986,
- CESTI NSV TEADUSTE AKADEEMIA. Totmettsed. Uhiskonnateaduste seeria. Izvestiia Akademii nauk Estonskoi SSR. Serlin obshchestvennykh nauk [ACAD-EMY OF SCIENCES OF THE ESTONIAN S. S.R. Builetin, Series in the Social Sciences]. Tailling, vol. 15, no.3, 1966,
- GORKIY, GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT, Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE, Studies], No. 65, 1965, Series in foreign
- Table of contents translated.

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- IRKUTSK, UNIVERSITET, Trudy [UNIVERSITY, Transactions]. Vol. 40, 1965. Serifa istorico ekonomicheskala [Series in history and conomics], no.2.
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 - Table of contents translated
 Liapin, S.E. Use of graphs in arithmetical operations. p 5.
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- LENINGRAD, UNIVERSITET, Uchenye zapiski [UNIVER-SITY, Studies], No. 293, 1960, Serita ekonomicheskikh nauk [Series in the Economic Sciences], no. 3.
- Table of contents translated Vinogradov, I. N. Changes in the occupational com-position of the industrial workers in the U. S. S. R.
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- MOSCOW, MOSKOVSKII GOSUDARSTVENNYI PEDAGO-GICHESKII INSTITUT, Uchenye zapiski [MOSCOW STATE PEDAGOGICAL INSTITUTE, Studies]. No. 219, 1964. Table of contents translated:
 - Soliverstov, V. I. Organizing the logopedic care of the population within the framework of one province, based on the material of Kirov Province,

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- ORDZHONIKIDZE, SEVERO-OSETINSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT Izvestila [NORTH OSSETIAN SCIENTIFIC RESEARCH INSTITUTE. Bulletin], Vol. 25, 1966,
 - Table of contents translated;
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 - Table of contents translated:
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- No 51, 1965. Senia istoricheskikh nauk (Series in the
 - Mistairal Sciences] pt 1
 Table of contents translated
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 - nary session of the Central Committee of the Bulgarian Communist Party in April 1905 for the development of Bulgarian industry, p. 3. Mozerov, V.D., Improved administration of Bulgarian industry after the Eight Congress of the Bulgarian Communist Party p. 41. Noskov, M.A., The trials of Rosa Luxemburg on the eve of the first imperialist war p. 77. Liaguschenko, I.I., N.G. Chernyshevskif on the international relations of the U.S.A. and the plans of each belligeron party during the Civil Wat, 1861-1862, p. 91.
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- *SOVETSKAIA ANTARKTIČHESKAIA EKSPEDITSIJA JYELSKAIA AND HARK HULBENAM ADDITIONAL 1955-1958, Informationnyl bulleten' [SOVIET ANT-ARCTIC EXPEDITION, 1955-1958 Information Bulle ttn], Leningrad, no. 59, 1966.

 - thij. Leningiad, no. 59, 1996.

 Table of contents than slated.

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- TAMBOV, GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Nauchnye raboty studentov: Filologii, istoriia, pedagogika [STATE PEDAGOGICAI, INSTI TUTE, Student Research Papers: Philology, Ilistory, Pedagogy], No.1, 1963
 - Table of contents translated.

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- PARTU, ULIKOOL Tolmetised, Uchenye zapiski Tar-ARTU, ULIKOOL Tolmetised, Uchenye zapiski Tar-tuskogo gosudarstvennogo universiteta [UNIVERSITY, Studies]. No 174, 1985 Trudy po filosofii [Works in Philosophy], vol 9, No 175, 1985, Trudy po pravove-dentiu [Works in Justeprudence], vol 3, No 177, 1985 Trudy po matematike i mekhanike [Works in Mathe-matics and Mechanics], vol 5, No, 180, 1986 Trudy po zoologti [Works in Zoology], vol 3 No 185, 1986 Trudy po fiziologti i biokhimit rastenti [Works in Disciplinated Relationstetal Let 2 Physiology and Biochemistry | vol. 2.
- TASHKENT, UNIVERSITET, Nauchnye tiudy [UNIVER-SITY, Studies]. No. 281, 1986, Materially polistorii Srednei Azii [Articles on the history of Central Asia].
 - Table of contents translated Rakhmanova, R.M. Presevolutionary studies dovoted to the ancient history of Central Asia.
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 - Tashkent region into the Kokand Khanate, p. 25. Khanataev, A. Kh. Some data on slavery in the Uzbok khanates of the 19th century, p. 31. Satykov, A. S. Artisans of the Khiva Khanate in the late 19th and early 20th centuries. p. 35. Chabrov, G. N. Preparing a chronology of cultural life in prerevolutionary Turkestan, 1865-1900. p. 43.

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- TASHKENT. UNIVERSITET, Trudy [UNIVERSITY, Transactions], No. 282, 1966, Nekotorye voprosy gosudar stva i prava [Some problems in the theory of the state and law].
 - Table of contents translated; Manelis, B L The views of foreign communist parties on the unitary and federal form of the

 - parties on the unitary and leteral form of the state. p 5.

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- TOMSK, UNIVERSITET, Trudy [UNIVERSITY, Trans-actions], Vol. 180, 1965. Voprosy mezhdunarodnykh olnoshenii, istoriografii i istochnikovedenila; shornik nauchnykh rabot kafedry novot i novelshel istorii nauchnykn range kategy moor i noverside iteorigraphy, and the sources of history; collected studies of the Department of Modern and Recent History; lnc.i. Table of contents translated; Balobaev, A.1, - Militaristic propaganda in Germany in 1908-1909, p.3.

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- OLGOGRAD, GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE, Studies]. No. 18, 1964. Faculty of Natural Sciences and Geography.

 Table of contents translated Asoskova, M. N. Punamics of fruit bud formation in the grapevine under conditions prevaiting in Volgograd Province, p. 3.

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- VORONEZH, UNIVERSITET, Trady [UNIVERSITY, Transactions]. Vol.63, 1965. Geological Papers.
- Table of contents translated: Savva Gavrilovich Vishniakov. p. 3. Ruzhitskii, V. O. Deep faults as a factor conducive to the detection of kimberlites in the Russian
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- of the Kola series (northwestern part of the Kola Peninsula). p. 60.
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b POPULAR MAGAZINES

- MERIKA, illiusirirovannyi zhurnai AMERICA ILLUS-TRATED] Published by the United States Information Agency Washington, D. C., no. 125, 1967. AMERIKA.
- ÁNGLHA [ENGLAND] London, no 4, 1966; no.1, 1967
- BARVINOK [PERIWINKLE] Issued by TSentral'nyi komitet Lening'koho komunistychnoho sona'u molodi Uki ainy and Respublikang'ka iada Vsesojuznoi pioners'kol organizatsii imeni V i Lenina [Central Committee of the Uki ainian Communist Youth League of Lenin and the Republic Council of the All-Union Lenin Pioneers], Kiev, no 12, Dec. 1968, no.1, Jan
- BELARUS' [WHITE RUSSIA] Organ of Saluz pis'mennt-kau BSSR [Association of Writers of the White Russian S S R.]. Minsk, vol. 24, no.1(258), Jan. 1967
- BIAROZKA (THE LITTLE BIRCH), Issued by TSentral by kamitet Leniuskaha komunistychnaha satuza moladzi Belarusi and Respublikanski Savet pilanet skot argani-Tatish and responding an external Committee of the White Russian Communist Youth League of Lenin and the Republic Council of Lenin Ploneers]. Minsk, vol 42, no 12, Dec 1968, vol 43, no.1, Jan. 1967.
- DADZIS [THISTLE], Riga, nos.1(241)-2(242), 1967. [In Laivian]
- KAPKĂN, chuvashskii satiricheskii zhurnai [TRAP, Chuvash Salirical Magazine]. Chebokeary, nos. 23(612)-24(513), Dec. 1966, nos. 1(514)-3(510), Jan. -Feb. 1907. [In Chuvash]
- KHORPUSHTAK [HEDGEHOG]. Dushanbe, nos. 22(173)-24(175), Nov.-Dec. 1966. [In Tajik]
- KITAI [CIIINA], Published by Izdatel'stvo literatury na inostrannykh iazykakh [Publishing House for Literature in Foreign Languages]. Peiping, 110.9, 1966,
- KROKODIL [CROCODILE]. Issued by gazeta [Newspaper] "Pravda." Moscow, vol. 45, nos. 2(1832)-4(1834), Jan. -Feb 1967.
- KRYLATI [THE WINGED ONES]. Issued by 'TSentral'-na uprava SUM [Contral Committee of the Ukraintan Youth Association]. New York, vol.4, no.11, Nov.
- KUBA [CUBA]. Havana and Moscow, no. 6(22), June
- KUL'TURA I ZHIZN' [CULTURE AND LIFE]. Issued by Soluz sovetskikh obahchestv druzhby i kul'turnol sviazi s yarubezhnymi stranami [Union of Soviet So-cieles for Friendship and Cultural Relations with Foreign Countries]. Moscow, vol. II, nos. I-2, Jan. - Feb. 1967.
- KULTUUR JA ELU [CULTURE AND LIFE]. Issued by Eest! NSV Kuttuuriministeerium and Eest! NSV Ame-tiuhingute Noukogu [Ministry of Culture of the Esto-nian S. S. R. and the Council of Trade Unions of the Estonian S. S. R.]. Tailinu, vol. 10, no. 1, Jan. 1967. [In Estonian]
- LIESMA [FLAME] Issued by Latvijas LKJS Centrala komiteja [Central Committee of the Lenta Communist Youth League of Latvia], Riga, no. 1(100), Jan. 1967. [in Latvian]
- LYSTY DO PRYIATELIV, LETTERS TO FRIENDS, Newark, N.J., vol.14, no.11-12(163-164), 1966.
- MĚDENIET ZHĚNE TŮRMYS (CULTURE AND LIFE). Issued by Ministersivo kul'iury Kazakhakoi SSR [Ministry of Culture of the Kazakh S, S, R.]. Alma-Ata, no. 1(103), Jan. 1967. [In Kazakh]

- MURZILKA Issued by TSentrat'nyi Formitet Vscsoiuznogo loninskogo kommunisticheskogo soruza molodezhi and TSentrat'nyi sovet Vsesonuznoi pioner skoi organizatsi imeni V. I. Lenina [Centrat Committee of the All-Union Communist Youth League of Lenin and the Centrat Council of the V. I. Lenin All-Union Proneer Organization]. Moscow, nos. 1-2, Jan. Feb. 1967.
- MY I SVIT. WE AND THE WORLD, Tolonto, vol.17, nos.130-131, i33-135, Jan.-Apl., July Dec. 1966, vol.18, no.136, Jan.-Feb 1967.
- NIVA [FIELDS OF GRAIN], Moscow, no. 12, 1966; no 1,
- NOORUS [YOU'II] Issued by Eestimaa Leninliku Kommunistliku Noorsoouhingu Keskkomitee [Central Committee of the Lenin Communist Youth League of Petonia] Tallinn, vol 22, no 1(213), Jan 1967 [In Istonian]
- NOVAIA ALBANIIA [NEW ALBANIA] Tuana, no 5, 1966.
- NOVOSTI AMERIKANSKOI KOL'TURY [NEWS OF AMERICAN CULTURE]. Issued by Amerikanskoe posol'stvo [U.S. Embassy]. Moscow, no.56, [1966].
- OBSHCHESTVENNYE NAUKI V UZBEKISTANE (SOCIAL SCIENCES IN UZBEKISTAN). Issued by Akademita nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek J.S.R.] Tashkent, vol. 10, nos. 11-12, 1960.
- OGONEK [THE LITTLE LIGHT]. Moscow, vol. 45, nps. 4(2085) 6(2067), Jan.-Feb. 1967.
- PERET'S' [PEPPER]. Issued by Vydavnytstvo (Publishing House] "Radians va Ukraina." Kiev, no. 2(756), Jan 1967.
- PIONER [PIONEER]. Issued by TSentral'nyi komitet Vsesoluznogo Ieninskogo kommunisticheskogo soluza molodezhi and TSentral'nyi sovet Vsesoluznoi pionerskoi organizatsil iment V I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers] Moscow, vol.44, no.1, Jan. 1967.
- PIONERHA [PIONEERS]. Issued by TSentral'nyr komitet Lenins'koho komunistychuoho sofuzu molodi Ukrainy and Respublikans'ka Rada Vsesofuzuol pioners'koi organizatsit imeni V. I. Lentina [Central Committee of the Ukrainan Communist Youth Lengue of Lenin and the Republic Council of the All-Union Lenin Pioneers]. Kiev, vol. 44, no. 1(519), Jan. 1967.
- POL'SHA [POLAND], Warsaw, no. 2(150), 1967.
- RT; obshchestvenno-politicheskii illiustrirovannyl o/henedel'nik [RT, Sociopolitical illustrated Weekly]. Issued by Romitel po radioveshchaniiu i televidentlu pri Sovete Ministrov SSSR [Committee for Radiobroadcasting and Television, Attached to the Council of Ministers of the U.S. S.R.]. Moscow, nos. 4(34)-8(38), 1907.
- RABOCHE-KREST'IANSKII KORRESPONDENT [WORK-ERS' AND PEASANTS' CORRESPONDENT]. Published by Izd-vo [Publishing House] "Paavda." Moscow, no.2, 1967.
- RODNYE DALI [BELOVED VISTAS]. Hollywood, Calif., vol.12, nos. 150-153, Sep. -Dec. 1966; vol.13, nos. 154-165, Jan.-Feb. 1967.
- ROVESNIK [CONTEMPORARY]. Issued by Tek VLKSM and Komitet molodezhnykh organizatsii SSSR [Contral Committee of the Ali-Union Communist Youth League of Lenin and the Committee of Youth Organizations of the U.S. S.R.]. Moscow, vol. 4, no. 4(46), Apr. 1868; vol. 5, nos. 9(51), 11(63), Sep. -Nov. 1968.
- SEL'SKAIA MOLODEZII* [RURAL YOUTH]. Issued by Tak VLKSM [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no.1, Jan. 1987.
- SHMEL' [BUMBLEBEE], Alma-Ata, vol.10, no.12(131), Dec. 1066, vol.11, no.1(132), Jan. 1967. [In Kazakh]
- SLUCTA [THE BROOM]. Issued by Lietuvos Komunistu partijos Centro Komitetas [Central Committee of the Communist Party of Lithiania], Vilnius, no. 24(205), Dec. 1986; nos.1(290)-2(297), Jan. 1987. [In Lithuanian]
- SOCLASIE [CONCORD], Los Angeles, Calif., nos.181-182, Oct.-Nov. 1980; no.185, Feb. 1987,

- SOTSIALISTYCHNA KULTURA (SOCIALIST CULTURE). Organ of Ministersivo kultury URSR (Ministry of Culture of the Ukrainian S. S. R.] Kiev, nos. 1-2, Jan. - Feb 1967.
- SOVETSKII SOIUZ [SOVIET UNION] Moscov, no. 2(204),
- SOVRLMENNAIA MONGOLIIA [CONTEMPORARY MONGOLIA] Ulan Bator, vol. II, no. II(106), Nov. 1966.
- SVOBODNOE SLOVO, czhemeslachnyi kai pato-russkii zhurnal [TREE WORD, Cai patho-Russian Monthly]. Newaik, vol 8, nos. 7/6(91-92)-0/10(93-94), 1966, vol 9, nos.1/2(97-68), Jan.-Feb. 1987.
- SVYTURYS [THE LIGHTHOUSE] Vilnus, vol 18, nos. 23(431)-24(432), Dec. 1986 [In Lithuanian]
- TAHEKE [THE LITTLE STAR]. Issued by ELKNU Keskkonditee and ENSV Plonceriorganisatsional Noukogu [Central Committee of the Lenin Communist Youth League of Estonia and the Council of the Ploncers of the Estonian S. S.R.] Tallinu, no. 5, 1965. [In Estonian]
- TURIST [FOURIST], Issued by VTSSPS [All-Union Central Council of Trade Unions], Moscow, vol 2, no 1, 1967
- UKRAINA [THE UKRAINE]. Published by Vydavnytstvo "Radians'ka UKraina" [Publishing House "Soviet Ukraine"]. Kiev, vol. 26, no. 50(518), Dec. 1906, vol. 26, nos. 3(523), 5(525)-6(526), Jan. -Feb. 1907.
- URAL'SKII SLEDOPYT [URAL PATHFINDER]. Issued by Sverdiovskoe citdefenie Soluza pisatetel and Sverdlovskie promyshlempt i sel'sti obkomy VLKSM [Sverdiovsk Branch of the Association of Writers and the Sverdiovsk Province Industrial and Agricultual Committees of the All-Union Communist Youth League of Lenin]. Sverdiovsk, vol. 9, no.12, Dec. 1966.
- UZBEKISTON [UZBEKISTAH]. Tashkent, vol 25, no 12(300), Dec. 1966.
- VESELKA, THE RAINBOW, Published by Ukrainian National Association, Jersey City, vol.8, nos.11(147)-12(148), Nov.-Dcc 1967.
- V'ETNAM [VILT'NAM], Hanoi, Victnam, nos, II(110)-12(111), 1966.
- VOZHATYI [PIONEER GUIDE]. Published by TSentralinyi komilet Vsosoluznogo leninskogo kommunisticheskogo soluza molode/hi and TSentralinyi sovet Vsesoluznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, vol. 43, no. 1, Jan. 1967.
- VOZHYK [HEDGEHOG]. Minsk, vol. 26, no. 24(646), Dec. 1986, vol. 27, nos. 1(647)-2(648), Jan. -Feb. 1967.
- VSESVIT. THE WORLD, issued by Spilka pye'mennykiv Ukrainy and Ukrains'ke tovarystvo druzhby i kul'turnoho zv'iazku z zarubizhnyny krainamy [Association of Writers of the Ukraine and the Ukrainian Society for Friendship and Cultural Relations with Foreign Countries]. Kiev, vol. 10, nos. 1(103)-2(104), Jan.-Feb., 1967.
- VYZVOL'NYI SHLIAKH [LIBERATION PATH]. London, vol. 20, nos. 1(226)-2(227), Jan. -Feb. 1987.
- ZHIZN' GLUKHIKH [LIFE OF THE DEAF]. Issued by Vscrossitskoe obshchestvo glukhikh [All-Russian Society of the Deaf]. Moscow, vol. 20, no. 2, Feb. 1967.
- ZHIZN' SLEPYKH [LIFE OF THE BLIND]. Organ of Vserosstickoe obshchestvo slepykh [All-Russian Society of the Blind]. Mescow, vol.44, no.1, Jan. 1967.
- ZVAIGZNE [THE STAR]. Riga, vol.17, nos.1(395)-2(396), Jan. 1967. [in Latvian]

2. BIBLIOGRAPHY

B. BIBLIOGRAPHY

BIBLIOGRAFIIA INOSTRANNOI BIBLIOGRAFII PO KHI-MII [BIBLIOGRAPHY OF FOREIGN BIBLIOGRAPHY ON CHEMISTRY]. ISSued by Biblioteka Akademii nauk SSSR [Library of the Academy of Sciences of the U.S. S. R.]. Moscow, no. 1, 1866.

- INFORMATSIONNYI UKAZATEL' BIBLIOGRAFICHE-SKIKH SPISKOV I KARTOTEK, SOSTAVLENNYKH BIBLIOTEKAMI SOVETSKOG SOJUZA INFORMA-TION INDEX OF BIBLIOGRAPHICAL LISTS AND CARD FILES, COMPILED BY THE LIBRARIES OF THE SOVIET UNION]. Issued by Gosudarstvennaia biblioteka SSSR [State Library of the U.S.S.R.]. Moscow, vol. 11, nos. 1-2, Jan. 1907.
- KNIZHNAIA LETOPIS¹ [BOOK CHRONICLE], Issued by Vsesoluznaia knizhnaia palata [All-Union Book Chamber], Moscow, nos. 2-5, 1967.
- LATVIJAS PSR PRESES IIRONIKA, LETOPIS' PECHATI LATVIJSKOI SSR [CHRONICLE OF PUBLICATIONS OF THE LATVIAN S.S.R.]. Issued by Latvijas PSR gramato palata [Book Chamber of the Latvian S. S. R.]. Riga, nos. 9 11, Sep. -Nov. 1966.
- LETAPIS DRUKU BSSR. LETOPIS' PECHATI BSSR | CHRONICLE OF THE PUBLICATIONS OF THE WHITE RUSSIAN S.S.R. | I Issued by Dain zhannala bibliateka BSSR and Knizhnala palata BSSR [State Library of the White Russian S.S.R. | and the Book Chamber of the White Russian S.S.R. | Minsk, no. 9, Sep. 1966, Dapamozhayla pakazal'niki [Indexes to nos, 1-12, Jan. -Dec. 1965], publ. 1966.
- LETOPIS' GAZETNYKH STATEI [CHRONICLE OF NEWSPAPER ARTICLES]. Issued by Vsesoluznala knizhnala palata [All-Union Book Chamber], Moscow, no.12, 1966.
- LETOPIS' ZHURNAL'NYKH STATEI [CHRONICLE OF PERIODICAL ARTICLES]. Published by Yscsoiuznata knizhnata palata [all-Union Book Chamber]. Moscow, nos, 1-4, 1967. Vspomogatel'nye ukazateli k nos, 1-13 za 1966 g. [Indexes to nos, 1-12 for 1966]
- MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyl biulleten' novykh inostrannykh kaig, gostniyt-shikh v Biblioteku imeni V. I. Lenha. Se ita l'Fiziko-matematicheskie i khimicheskie nauki, public Liberake, Information Bulletin of New foreign Books, Received by the Lonin Library. Series l: Physical, Mathematical, and Chemical Sciences, En: th Setences, Technology and Technological Sciences], Vol. 12, nos. 1-2, Jan. 1967.
- MOSCOW. PUBLICHNAIA PPLIOTERA, Informatsion nyt biulleten' novykh inostrannykh knig, postapivshikh v Biblioteku imeni V I Lenna Seriia 2 Biologiche skle nauki, sel'skoe i lesnoe khozlajstvo, sel'skokhoziaistvennye i lesokhozialstvennye nauki, zdravokhanenie, meditsinskie nauki [PUBLIC LIBRARY. Information Bulletin of New Foreiga Books, Received by the Lenin Library. Series 2: Biological Sciences, Agriculture and Forestry, Agricultural and Forestry Sciences, the Health Service, Medical Sciences]. Vol. 10, nos. 1-2, Jan 1967.
- MOSCOW, PUBLICHNAIA BIBLIOTEKA. Informatsionry i bluileten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina Scriia 3· Obshche stvennye nauki, kludorhest rennala liferatura, iskusstvo [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 3· Social Sciences, Belies-Letires, Art]. Vol. 10, nos. 1-2. Jan. 1967.
- NOVAIA LITERATURA O NAUKE I NAUCIINO ISSLEDO-VATEL'SKOI RABOTE ZA RUBEZHOM [NEW LIT-ERATURE ON SCIENCE AND RESEARCH ABROAD]. Issued by Fundamental nala biblioteka obshchestvennykh mauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moseow, nos.10,12,1966.
- NOVAIA LITERATURA PO BOLGARII (NEW LITERATURE ON BULGARIA). Issued by Fundamenial sale biblioteka obshchestvennykh nauk Akademii nauk SYSR [Fundamenial Library of Social Sciences of the Academy of Sciences of the U.S S.R.] and others. Moscow, no.11, 1966.
- NOVAIA LITERATURA PO CHEKHOSLOVAKII NEW LITERATURE ON CZECHOSLOVAKIA]. Issued by Fundamental'unate biblioteka obshichestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S. S. R.] and others. Moscow, no.11, 1968; no.1, 1967.
- NOVAIA LITERATURA PO GERMANSKOI DEMOKRATI-CHESKOI RESPUBLIKE [NEW LITERATURE ON THE GERMAN DEMOCRATIC REPUBLIC]. Issued by Fundamental nata biblioteka obshchestvennykh nauk Assa demit nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscow, nos. II-12, 1966.

- NOVAIA LITTERATURA PO IUGOSLAVII (NEW LITTERATURE ON YUGOSLAVIA) Issued by Fundamental'naia hibliotoka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscow, no 9/10-12, 1966
- NOVAIA LITERATURA PO POL'SHE (NEW LITERATURE ON POLAND). Issued by Fundan ental nata biblioteka obshchestvennykh nauk Akademit nauk SSSR [Funda-mental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.] and others Moscow, nos.11-12, 1966.
- MOVAIA LITERATURA PO RUMYNII (NEW LITERATURE ON RUMANIA) Issued by Fundamental nata biblioteka obshchostvennykh nauk Akademii nauk SSSR [Funda-mental Library of Social Sciences of the Academy of Sciences of the U S.S.R] and others, Moscow, nos 11-12, 1966.
- NOVAIA LITERATURA PO VENGRII (NEW LITERATURE ON HUNGARY) Issued by Fundamental India dibitote-va obstichestvennykh nauk Akademii nauk SSSR [Funda-mental Library of Social Sciences of the Academy of Sciences of the U S.S.R.] and others Moscow, nos. 1-12. 1866 nos. 11-12, 1966
- NOVAIA SOVETSKAIA I INOSTRANNAIA LITERATURA PO STRANAM AZII I AFRIKI (NEW SOVIET AND FOREIGN LITERATURE ON THE COUNTRIES OF ASIA AND AFRICA]. Issued by fundamental nata biblioteka obshchestvennykh nauk Akademii nauk SSR [Fundamental Library of Sortal Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscov, no.12, 1966.
- MOVAIA SOVETSKAIA LITERATURA O NAUKE I NAUCH-NO-ISSLEDOVATEL-SKOI RABOTE V SSSR [NEW SOVIET LITERATURE ON SCIENCE AND GENERAL RESEARCH IN THE U S.S.R.]. Issued by Fundamen-tal and biblioteka obschestvennykh nauk Akademil nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U S.S.R.]. Moscow, no. 12, 1966,
- NOVYE KNIGI SSSR [NEW BOOKS OF THE U.S.S.R.]. Issued by Vacsoluznoe ob "edinente "Mezhdunatod-naia kniga" [Ait-Union Association "International Book"] Moscow, nos. 2-4, Jan. 1967.
- MOVYE KNIGI ZA RUBEZHOM Serila V. Biologija, meditsina, sel'skoc khoziaistvo (NEW FOREIGN BOOKS. Series V. Biology, Medicine, Agricultue), Published by Izdatel'sivo inostrannol literatury [Pub-lishing House of Foreign Literature], Moscow, vol 11, no.1, Jan. 1907.
- NOVYE KNIGI ZA RUDEZHOM PO OBSHCHESTVENNYM OVYE KNIGI ZA RUBEZHOM PO OBSHCHESTYENNYM NAUKAM, eronomika, filosofiia, istotiia, mezhdunarodnye otnoshenlia [NEW FOREIGN BOOKS ON THE SOCIAL SCIENCES; Economics, Philosophy, History, International Relations]. Published by Izdatel'stvo inostrannol literatury [Publishing House of Foreign Literature]. Moscow, vol. 9, no. 11, Nov 1968; vol 10, no. 1, Jan. 1967.
- SOVETSKAIA BIBLIOGRAFIIA [SOVIET BIBLIOGRAPHY].
 Issued by Vsesoluznaia kalzhnaia palaia [All-Union Book Chamber]. Moscow, no. 5, (87), 1961.

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V MIRE KNIG [IN THE WORLD OF BOOKS]. Organ of Gondan stvennyl Fornitti Soyela Ministrov SSSR po pechati [State Committee of the Council of Ministra of the U.S. S. R. for Printing]. Moscow, vol. 0,

of the U.S. S.R. for Printing]. Moscow, vol. 6, no. 10, Oct. 1986.
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ь LIBRARIES & LIBRARY SCIENCE

AKADEMIIA NAUK SSR. <u>Biblioteka</u>. Novye inostrannye kulgi, katalog novykh postoplenti.....IACADEMY OF SCIENCES OF THE U.S.S. R. <u>Liblary</u> New Foreign Books; Catalog of New Accessions...]. Leningrad, no 11(174), 1966.

DIBLIOTEKAR THE LIBRARIAN. Organ of Minister-stvo kultury RSFSR Ministry of Culture of the R.S. F.S.R.). Moscow, vol.44, no.1, Jan. 1987. R.S. F.S.R.]. Moscow, voi.44, no.1, Jan. 1967.

Table of contents translated:
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POLIGRAFICHESKOE PROIZVODSTVO [PRINTING [MDUSTRY]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, na. 9, Sep. 1963,

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MOSCOW, VSESOIUZNAIA GOSUDARSTVENNAIA BIBLI-OTEKA INOSTRANNOI LITERATURY, Opyt laboly bibliotek 3 inostramnol literaturol [ALL -UNION STATE LIBRARY OF FOREIGN LITERATURE, Library Practices in Working With Foreign Materials]. Moscow, no.4, 1961.

Moscow, no. 4, 1991.

Table of contents translated.

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POLIGRAFIIA [PRINTING], Organ of Gosudar stvennyl komitet Soveta Ministrev SSSR po pechati [State Com-mittee of the Council of Ministers of the U.S. S. R. for Printing], Moscow, nos. 2,11, Peb., Nov. 1045, nos. 1-10, 12, Jan. Get., Dec. 1986, no. 1, Jan. 1987

RASPROSTRANENIE PECHATI [DISTRIBUTION OF PUBLICATIONS], issued by Glavnoe upravienie Solurpechati Ministersiva eviazi SSSR [Main Administration for the Distribution of Printed Matter of the Ministry of Communications of the U. S. S. R.]. Moscow, no.1, 1967.

3. PHILOSOPHY & RELIGION

PHILOSOPHY

MOSCOW, UNIVERSITET, Vestnik, Sertia 8; Filosofiia [UNIVERSITY, Review, Series 8: Philosophy], Vol. 21, no. 3, May-June 1960,

Table of contents translated Kholmogorov, A I, - The 23d Congress of the CPSU on the development of nationality relations in the

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NOVAIA INOSTRANNAIA LITERATURA PO FILOSOFII (NEW FOREIGN LITERATURE ON PHILOSOPHY). Issued by Fundamental naia biblioteka obshcheviven nykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U S.S.R.] and others. Moscow, no.11, 1966.

NOVAIA SOVETSKAIA LITERATURA PO FILOSOFII [NEW SOVIET LITERATURE ON PHILOSOPHY]. Issued by Fundamental naia biblioteka obshchestychnykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S S R.] Moscow, no. 11, 1968

VOPROSY FILOSOFII [PROBLEMS OF PHILOSOPHY]. Issued by Institut filosofii Akademii nauk 8581 [Institute of Philosophy of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 20, no. 12, 1966.

Table of contents translated.

Alekseev, N.I. - Workers, enterprises, and society. p. 14.

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*VOPROSY PSIKHOLOGII [PROBLEMS OF PSYCHOLOGY].
Issued by Akademita pedagogicheskikh nack RSI Sit
[Academy of Pedagogical Sciences of the R. S. F. S. R.].
Moscow, vol. 12, no. 6, Nov. Dec. 1996.
Table of contents translated;
Lurita, A. R., Smit nov, A. A. - Psychological science
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b RELIGION

- BELYTLOTOS [WHITE LOTUS] Burbank, Calif , no II, Nov 1906
- BOZHYM SHLIAKHAM, ON GOD'S HIGHWAY. Issued by Marian House, London, vol.14, no.5(98), Sep. -Oct. 1988.
- DUKHOVNOE PROBUZIDENIE (SPIRITUAL AWAKEN-ING], Helsinki, vol. 46, nos. 1-2, 1967.
- HOLOS SPASYTELIA, REDEEMER'S VOICE, Issued by Olisi Redemptorysty [Redemptorist Fathers]. Yorkton, Canada, vol.38, nos.10-12, Oct.-Dec. 1966; vol. 39, no. 2, Feb. 1967.
- LRIDYNA I SVIT [MAN AND THE WORLD]. Issued by Tovarystvo "Znanola" Ukrains'koi RSR ["Knowledge" Society of the Ukrainian S.S.R.]. Kiev, vol. 7, no.1(76), Jan. 1967.
- NAUKA I RELIGIIA [SCIENCE AND RELIGION]. Issued by Vsesoluznoe obshchestvo "Znanie" ["Knowledge" All-Union Society] Moscow, vol. 9, no. 1, 1987.
- NOVAIA SOVITSKAIA I INOSTRANNAIA LITERATURA PO VOPROSAM ATEIZMA I RELIGII (NEW SOVIET AND FOREIGN LITERATURE ON THE PROBLEMS OF ATHLESM AND RELIGION). Issued by Fondamental hala biblioteka obshchestvennykh mauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos 11-12, 1966.
- RIDNA TSERKVA [OUR BELOVED CHURCH]. Issued by Bohoslovs'ko-naukovy'i instytut Ukrains'koi avtokefal'-not pravoslavnot tsetkvy na chuzhnyl [Theotogical Institute of the Ukrainian Autocephalous Orthodox Church Abroad]. Munich, vol. 15, no. 68, Oct. Dec. 1966.
- RUSSKO-AMERIKANSKII PRAVOSLAVNYI VESTNIK, THE RUSSIAN AMERICAN ORTHODOX MESSENGER, Olgan of Miliopolichii okrug Russkoi Plavoslavnoi TSerkyl v Amerike [Metropolitanate of the Russian Orthodox Church in America]. New York, vol. 63, no.1, Jan. 1987.
- SVITLO, THE LIGHT, Issued by OO, Vasylliany [The Basilian Fathers]. Toronto, vol. 30, no. 1(529), Jan.
- TSERKOVNYI VESTNIK [CHURCH HERALD]. Organ of Pravoslavnala tserkov' v Pol'she [Otthodox Church In Poland]. Warsaw, vol.13, nos.10,12, Oct., Dec.
- UKRAINS'KE PRAVOSLAVNE SLOVO. UKRAINIAN RAINS'KE PRAVOSLAVNE SLOVE, URBAINAN ORTHODOX WORD, Organ of the Ukiainian Orthodox Church of the United States of America, South Bound Brook, N. J., vol. 17, nos. 8-12, Aug. -Dec. 1986, vol. 18, nos. 1-2, Jan. -Feb. 1987.
- VECHNOE [THE ETERNAL]. Paris, nos.1(229)-2(230),

- VIRA ! KULTURA, FAITH AND CULTURE, Organ of Ukrains'ke naukove bohoslo s'ke tovarystvo [Ukrainian Theological Society]. Winnipeg, vol. 30, no. 12:156), Oct. 1966, vol.31, nos.1/2(157)-3/4(157), Jan.-Api.
- VOPROSY NAUCHNOGO ATEIZMA (PROBLEMS OF SCIENTIFIC ATRIESM], Issued by Institut nauchnogo atel/ma Akademit obshchestvennykh mask pri Tak KPSS [Institute of Scientific Atheism of the Academy of Social Sciences, Attached to the Central Committee of the CPSU], Moscow, no.1, 1966.
 - Table of contents translated:

 Okulov, A. F. For profound scientific development of present-day problems of atheism. p. 7.

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4. HISTORY

a. GENERAL.

- AKADEMIIA NAUK SSSR, Institut istorii, Srednie veka [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of History. The Middle Ages]. Moscow, no. 29, 1966.

 Table of contents translated Gunova, D. V. Academiclan S. D. Skazkin's 75th

 - birthday, p. 3.
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- CHEBOKSARY, CHUVASHSKII NAUCHNO-ISSLEDOVA-TEL-SKII INSTITUT IAZYKA, LITERATURY, ISTO-RII I EKONOMIKI, Uchonye zapiski [CHUVASH SCIENTIFIC RESEARCH INSTITUTE OF LANGUAGE, LITERATURE, HISTORY, AND ECONOMICS. Studies]. No. 23, 1963. Problems of economics and history of
- No. 23, 1963. Problems of economics and history of the Chuvash A S. S.R. Table of contents translated: Lebedev, P L. The problem of accumulation within collective farms p. 3 Akhmeev, V N. Coordination of accumulation and consumption on collective farms. p. 14. Andreev, M.A. Expanded production on collective farms and the material self-interest of the farmors.
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- ISTORIIA SASE [HISTORY OF THE U.S.S.R.]. Issued by Institut istoria Akademit nauk SSSE [Institute of Utstory of the Academy of Sciences of the U.S.S.R.]. Mescow, vol. 10, no.6, Nov. -Dec. 1966.

 Table of contents translated:
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- KALENDAR' ZNAMENATEL'NYKH I PAMIATNYKH DA'T [CALENDAR OF SIGNIFICANT AND MEMORABLE DATES], Issued by Izdatel'sivo "Sovetskala Rossita" DATES, ISSUED OF LOADER SIVE SOURCESAND ROSSING and Gosudar stvennaia publishnaia isto icheskala biblioteka RSFSR ["Soviet Russia" Publishing House and the State Public Historical Library of the R S F. S R.] Moscow, vol 12, nos.1-2, 1907
- MOSCOW, GOSUDARSTVENNYI ISTORIKO ARKHIVNYI INSTITUT, Trudy [STATE INSTITUTE OF HISTORY AND ARCHIVES, Transactions]. Vol 22, 1965. Historiography of the history of the U.S.S.R.
- Table of contents translated.

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- NARODY AZII I AFRIKI; istoriia, ekonomika, kul'tura [PEOPLES OF ASIA AND AFRICA; History, Economics, Culture], Issued by Institut narodov Azii and Institut Afriki Akademii nauk SSR [Institute of the Peoples of Asia and the Institute of Africa of the Academy of Science of the U. S. R. D. W. Academy of Sciences of the U.S.S.R.]. Moscow,

 - no. 5, 1900.

 Table of contents translated.

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- NOVAIA (NOSTRANNAIA LITERATURA PO ISTORI),
 ARKHEOLOGII I ETMOGRAFII (NEW FOREIGN
 LITERATURE ON HISTORY, ARCHAEOLOGY, AND
 ETHNOGRAPHY). Issued by Fundamental rata hiblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of
 Sciences of the U S S.R } and others. Moscow,
 page 11-2, 1966. nos 11-12, 1966
- NOVAIA LITERATURA PO OBSHCHIM PROBLEMAM EVROPEISRIKH SOTSIALISTICHESKIKH STRAN (NEW LITERATURE ON THE GENERAL PROBLEMS OF THE EUROPEAN SOCIALIST COUNTRIES] Issued by Fundamental'nata bibitoteka obshrhestven-nykh nauk Akademil mauk SSR [Fundamental Libraty of Social Sciences of the Academy of Sciences of the U.S.S.R. Jand others Moscow, nos. 11-12, 1966.
- NOVAIA SOVETSKAIA LITERATURA PO ISTORII, ARKHEOLOGII I ETNOGRAFII [NEW SOVIET LITERA-TURE ON HISTORY, ARCHAEOLOGY, AND ETHNOG-RAPHY]. Issued by Fundamental hala biblioteka obstichestivennyth mank Andomit mank SSRI [Funda-mental Libi ary of Social Sciences of the Academy of Sciences of the U.S.S.R.] Moscow, nos.1142, 1866.
- PALESTINSKI SBORNIK [PALESTINE REVIEW]. Issued by Rossiakoe palestinskoe obshchestvo [Russian Pa-testine Society]. Moscow, no. 18(79), 1086. Contents: Percpelkin, IU.1A. [Private property in the conception of the Egyptians of the Old King-dom] Chastnaia sobstvennost' v predstavlenii egip-tian Starogo tsarstva. 127 p.
- UKRAINS'KYI ISTORYCHNYI ZHURNAL (UKRAINIAN HISTORICAL JOURNAL], issued by Institut istorii Akademii nauk URSR (institute of History of the Academy of Sciences of the Ukrainian S.S.R.] and others, Kley, vol.10, no.11, Nov. 1966.
 - Table of contents translated.
 - Chernykh, H. H. ~ V. I. Lento on the bourgeois studies devoted to the history of the Great October Socialist Revolution, p. 3. Shevchenko, F. P. - Why did Mykhatlo Hrushevs'kyl

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- UKRAINS'KYI ISTORYK [UKRAINIAN HISI ORIAN]
 Issued by Istorychna komisiła Zarevo [Zarevo Historical Committee]. Littleton, Colo., vol.1, no.4, 1964, vol.2, no.1/2(5-6), 1965, vol.3, no.1/2(9-10), 1965.
- VOENNO-ISTORICHESKII ZHURNAL [MILITARY HISTORY JOURNAL]. Organ of Ministerstvo oborony SSSR [Ministry of Defense of the U.S. S. R.]. Moscow, vol. 8, no. 12, Dec. 1966
- vol. 8, no. 12, Dec. 1996

 Table of contents translated;

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- VOPROSY ISTORII [PROBLEMS OF HISTORY]. Issued by Otdelenie Istorii Akademii nauk SSSR and Miniby Odelenie lettern Akademin hate 33H and Amsterstvo vysshego i erodnego spotslat'nogo obrazovania SSSR (Department of History of the Academy of Sciences of the U.S.S.R. and the Ministry of Higher and Secondary Specialized Education of the U.S.S.R.]. Moscow, vol. 41, no. 12, Dec. 1966.

 - Table of contents translated.
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- VOPROSY ISTORII SLAVIAN [PROBLEMS IN THE HIS-TORY OF THE SLAVS]. Issued by Voroncehskii go-sudarstvennyi universitet [Voronceh State Univer-sity]. Voronezh, no 2, 1966
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- Gabelko, P. I., Zasimov G. I. "Filologicheskie zapiski," a periodical published in Voronezh and its interpretation of the history of the Slavs.
- Martynonko, L. M., Savchuk, V. S. Works on the fits-tory of the Slavic peoples outside the U. S. S. R. published in the "Studies" and other serial pubilications of the provincial universities of the R. S. F. S. R. in 1960-1965. p. 277.
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- VOPROSY ISTORII URALA [PROBLEMS IN THE HIS-TORY OF THE URALS]. Issued by Ural'skit gosudar-stvennyl universitet [Ural State University]. Sverd
 - lovsk, no. 4, 1963.
 - Table of contents translated:
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b. ARCHAEOLOGY & ANTIQUITIES

- MATERIAL NAIA KUL TURA USTRUSHANY [MATERIAL COLTURE OF USTRUSHANA] Issued by Institut istoril Akademii nauk Tadzbikskoi SSR [Institute of Histry of the Academy of Sciences of the Tajik S S R | Dushanbe, no.1, 1996, Coutents: Negmatov, N.N., Khmel'nitskii, S G, [Medieval Shakhi istan] Srednevekovyi Shakhi istan.
- SOVETSKAIA ARKHEOLOGIIA SOVIET ARCHAEOLOGY .
 Jesued by Institut arkhoologii Akademii nauk SSSR Jesued by Institut arkhoologit Akademit nauk SSSR [Institute of Archaeology of the Academy of Sciences of the U.S. S. B.]. Moscow, vol. 10, no. 1, 1966, Table of contents translated Ostrovskii, M. I., Grigor'ev, G. P. -The Lipa culture of the Paleolithic period p.3. Carbon of the Paleolithic period p.3. Carbon in the Zaraut-say Gorge, p. 14 Oshibkina, S. V. - The Modiona campsite, its origin and its relation to Kargopol' culture, p. 27. Vinogradov, V. B. - Establishing the place of the Akhardet and the attiance of the Sirak tribes, based on written sources, p. 38
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a. COMMERCE

sticheskimi stranami; statisticheskli spravochnik, 583 p.

- BOLGARSKAIA VNESHNIAIA TORGOVLIA [BULGARIAN FOREIGN TRADE] Issued by Bolgarskaia torgovata palata [Bulgarian Chamber of Commerce] Sofia, no 4, July-Aug, 1966
- BUKHGALTERSKII UCHET [ACCOUNTING] Issued by Ministerative finance of Minister of Finance of

the U.S.S.R.]. Moscov, no H. Nov. 1966

Table of contents translated
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SOVETSKAJA POTREBITELISKAJA KOOPERATSIJA (SOVIET CONSUMER COOPERATION), Issued by Tsentral'nyt sotuz potrebitel'skikh obshehesty SSSR [Central Union of Consumers' Societies of the U.S.3.R.] Moscow, vol.10, no 12, Dec 1966. Table of contents translated

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Table of contents translated. Skovoroda, K. - Second year of the five-year plan

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L ECONOMICS

AKADEMIIA NAUK SSR. Nauchnyi sovet po effektivnosti osnovnykh fondov kapital'nykh vlorhenii i novot tekhniki, Sbornik nauchnet informatsii ACADEMY OF SCIENCES OF THE U.S.S.R. Scientific Council on the Effectiveness of Capital Investment Fonds and New Technology. Scientific Information. Moscow, no. 2, 1962. Methods and practice in determining the economic efficiency of capital investments and new

Table of contents translated
Khachaturov, T.S. Our plans and tasks, p. 3.
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Table of contents it anstated:
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Table of contents translated

Berezovskii, P. A., Maksimov, K. T. - On the size of funds and incentive norms for oil field administrations, p. 3. Genkin, I. B., Shiritaov, M. P., Sharipov, R. Kh. - Indices

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 - Table of contents translated: Editorial: Practical contractual agreement is a

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- FRUNZE, UNIVERSITET, <u>Ekonomicheskii (akul'tet.</u> Trudy [UNIVERSITY, <u>Faculty of Economics.</u> Transactions], No.1, 1904.

- actions]. No.1, 1984.

 Table of contents translated:
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- Savranchuk, P. Present-day condition and prospects for developing the production of rock, gravel and sand building materials in Kit ghizslam, p. 45. Valsicity, B. Potentialities of the profitableness of the building materials industry of Kinghizlstan,

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- KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIU-ZA, Vysshala partiinain shkola Kafedia sovetskoi ekonomiki. Uchenye rapliski [COMMUNIST PARTY OF THE SOVIET UNION, Higher Party School, Demartment of Soviet Economics, Studies]. Moscow, no. 3, 1964, Progressive practice in economic work in industry. no.s, 2002. in industry.
 - Table of contents translated Rumiantsey, A. F. Improving the efficiency of industrial production, p. 3.
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 - Pereslegin, V.I. Indices of the economic work of
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 - Tishina, A.A. Business accounting within individual production units and the mobilization of potentialhites of production, p. 80.
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- LIAUDIES UKIS [THE NATIONAL ECONOMY], Issued by Lietuvos TSR Valstybine plano komisija [State Planning Commission of the Lithuanian S. S. R.] and others. Vilnius, no.1(99), Jan. 1987. [In Lithuanian]
- MOSCOW, INSTITUT NARODNOGO KHOZIAISTVA, Trudy (INSTITUTE OF THE NATIONAL ECONOMY, Transactions), No.38, 1965, Problems of planning

 - Transactions]. No. 38, 1965. Problems of planning for national consumption.

 Table of contents translated;
 Rudakov, A. P. Methods of determining social demand for consumer goods, p. 5.
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- NOVAIA INOSTRABNAIA EKONOMICHESKAIA LITERA-TURA (NEW FOREIGN ECONOMIC LITERATURE) Issued by Fundan ental man bibl oteka observestven-nyko unda Akademii mada SSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscow, no. 11, 1966
- NOVAIA SOVETSKAIA PRONOMICHESKAIA LITERATU RA [NEW SOVIET ECONOMIC LITERATURE] Issued by Fundamental nata biblioteka obshehe stvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U S S R | Moscov, nos. 10 H, 1966
- PLANOVOE KHOZIAISTVO [PLANNID ECONOMY].

 Issued by Gospian SSSR and SNRh SSSR [State Planning Committee of the U.S.S.R. and the Fernomic Council of the U.S.S.R.] Moscow, vol. 43, no. 1, Jan. 1967.

 Table of contents translated:
 Plan for progress and creativeness. p. 3.
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 - Fedor ovich, M. Characteristics of developing the
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- REFERATIVNYI SBORNIK: EKONOMIKA PHOMYSHLUN-NOSTI [JOURNAL OF ABSTRACTS: FCONOMICS OF INDUSTRY] Issued by Institut nauchnot informats if Akademit nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S. S. R.]. Mos-cow, no 12, Dec. 1966.
- SBORNIK PRAVIL PEREVOZOK I TARIFOV RICHNOGO TRANSPORTA RSTSR [REGULAT GNS GOVERNING RIVER TRANSPORTATION AND RATES IN THE R.S. F.S. R.]. Issued by Ministers to reclining of lota RSFSR [Ministry of the River Flect of the R.S. F. S. R.]. Moscow, nos.1-3, 1966.
- UCHIT I FINANSY V KOLKHOZAKH I SOVKHOZAKH [ACCOURTING AND FINANCE ON COLLICTIVE AND STATE FARMS], Issued by Ministersive sel'skogo Phoziatstva SSSR [Ministry of Apprentiare of the U.S.S.R.]. Moscow, vol.24, no.1, Jan. 1967.
- UKRAINS'KYI HOSPODARNYK, THE UKRAINIAN ECONOMISP, New York, vol. 3, no. 6, 1956. [In Ukrainian]
- VESTNIK STATISTIKI [STATISTICAL REVIEW]. Organ of TSential'nos statisticheskos upraviente SSSR [Central Statistical Administration of the U.S.S.R.]. Moscow, no. 12, 1966,

 - Table of contents translated
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- Stutskii, M. Index of the chemicalization of the
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Table of contents translated
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MONEY AND CREDIT], Organ of ank SSSR [U S.S.R. State Bank], 0,12, Dec. 1986.

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FINANSY SSSR [FINANCE OF THE U.S.S.R.] Issued by Ministerstvo finance SSSR [Ministry of Finance of the U.S.S.R.]. Moscow, vol. 10, no.11, Nov. 1966.

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RABOTNITSA [THE WOMAN WORKER]. Published by Izd-vo [Publishing House] "Pravda." Moscow, nos.1-2, Jan.-Feb. 1967.

RABOTNITSA I SIALIANKA [THE WOMAN WORKER AND THE PEASANT WOMAN]. Issued by TSentral'ny Kami-tet Komunistychnae parbyi Belarusi [Central Commit-tee of the Communist Party of White Russia]. Minsk, vol. 43, no.1, Jan. 1967.

SOTSIALISTICHESKII TRUD [SOCIALIST LABOR], 1881 by Gosudai stvennyi komittet Sovota Mintuli or SSSR p-voprosam trudal zalabotnoi platy [Statu Committee of the Council of Ministers of the U.S.S.R. on Labor and Wage Problems , Moscow, vol. 11, no. 12, Dec. 15

Table of contents translated; Editorial; Labor discipline and scientific organization

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SOVETSKIE PROFSOUZY [SOVIET TRADE UMIONS].
Issued by Vaccoluznyl TSouth allryl Sovet Profession
allrykh Soluzov [All-Union Central Council of Tracks Unions]. Moscow, vol. 22, no. 23(353), Dec. 1953.

Table of contents translated Editorial; Reports and elections of trade-union carga

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VSESOIUZNYI TSENTRAL'NYI SOVET PROFESSIONAL'-NYKH SOIUZOV, Suoi nik postanovienii [ALL-UNION CENTRAL COUNCIL OF TRADE UNIONS, Decisions], Moscow, Apr.-June 1966.

e SOCIOLOGY

AZĔRBAĬĊHAN GADYNY [AZERBAIJAN WOMAN]. Issued by Tsentral'nyt Komitet Kommunisticheskoi partii Azerbaldzhana [Central Committee of the Communist Party of Azerbaijan], Baku, no.12, Dec. 1966, no.1, Jan. 1967.

KAZACII'łA ZHIZHN' [COSSACK LIFE]. Issued by Vtoroi otdel Kazach'e-amerikanskogo narodnogo sojuza [Second Division of the Cossaek American National Alliance, Inc.]. Providence, R.I., vol.14, no.162, Aug. 1966, vol.15, no.167, Jan. 1967.

KAZAKSTAN ÉIELDERI (KAZAKHETAN WOMAN). Alma-Ata, no.1, Jan. 1967. (In Kazakh)

KOMSOMOL' SKAIA ZHIZN' [LIFE OF COMMUNIST YOUTHI, Issued by TSent allyl komitet Vsesoluz-nogo leninskogo kommunisticheskogo soluza molode-zhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, nos.1-2, Jan. 1967.

NASHE ZHYTTIA. OUR LIFE, Issued by Soinz ukrainok Ameryky [Ukrainlan National Women's League of America, Inc.]. Philadelphia, vol. 23, nos. 8-9, 11, Sep. -Oct., Dec. 1966, vol. 24, no. 1, Jan. 1967.

NOUKOGUDE NAINE [SOVIET WOMAN]. Issued by EKP Keskkomiter [Central Committee of the Com-munist Party of Fatonia]. Tallinn, vol.23, no.1, Jan. 1967. [In Estonian]

PADOMJU LATVIJAS SIEVIETE [WOMAN OF SOVIET LATVIA] Issued by Latvijas Komunistiskas partijas Centrala Komiteja [Central Committee of the Com-munist Party of Latvia]. Riga, no.1(13), Jan. 1067. In Latvian]

RADIANS'KA ZHINKA [SOVIET WOMAN]. Kiev, vol. 22, no. 1(253), Jan. 1967.

SMENA [THE YOUNGER GENERATION]. Organ of TSentral'nyl komitet Vsesoiuznogo leninskogo kommuni-sticheskogo soluza molodezbi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 44, nos. 1(951)-4(954), Jan. -Feb. 1967.

SOTSIAL'NOE OBESPECHENIE [SOCIAL SECURITY]. Issued by Ministerstvo sotsial nogo obespechenila RSFSR [Ministry of Social Security of the R.S. F.S. R.]. Moscow, vol. 41, no. 12, Dec. 1986.

Moscow, vol.41, no.12, Dec. 1906.

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SOVETSKAIA ZHENSHCHINA (SOVIET WOMAN). Organ of Komitet sovetskikh zhonshchin and Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soluzov (Committee of Soviet Women and the All-Union Central Council of Trade Unions], Moscov, nos 2-3, 1967.

SOVETSKII KRASNYI KREST [SOVIET RED CROSS]. Organ of Ispoinitel ny i komitet Soiqua obshehestv Krasnogo kresta i Krasnogo polumesiatsa SSSR [Executive Committee of the Association of Societies of the Red Cross and Red Crescent of the U.S.S.R.]. Moscow, vol.17, no 1(91), Jan.-Feb. 1967

6. POLITICAL SCIENCE

AGITATOR Issued by TSentral'nyl Komilet Kommunisticheskoi putti Sovetskogo Soluza [Central Committee of the Communist Party of the Soviet Union], Moscow, no, 2, Jan, 1962.

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BLOKNOT AGITATORA [THE AGITATOR'S NOTE-BOOK]. Issued by Otdel propagandy i agitatsii Irkutskogo obloma KPSS [Propaganda and Dissemination Section of the Irkutsk Province Committee of the CPSU]. Irkutsk, nos.8, 13-14, 17-18, Apr., July-Sep. 1088

BLOKNOT AGITATORA [THE AGITATOR'S NOTEBOOK]. Issued by Ordel propagandy I agitatelt Kurskogo ob-koma KPSS [Propaganda and Dissemination Section of the Kursk Province Committee of the CPSU]. Kursk, no.2, Jan. 1967.

BLOKNOT AGITATORA [THE AGITATOR'S NOTEBOOK]. Issued by Videll propagandy I aguitast Tes NOTEMORY, Issued by Videll propagandy I aguitast TSentral'noho Komilietu Komunistychnoi partii Ukrainy [Propaganda and Dissemination Section of the Central Committee of the Communist Party of the Ukraine]. Rice, vol. 24, nos. 1, 5, 14, 24, Jan., Mai., July, Dec. 1968. [In IRrainia].

CHASOVOI [THE SENTRY], Organ of Rossiishoe natsio-nal'noe dvizhenie [Russian National Movement], Brussels, nos.481(7), 486(12), July-Dec. 1966, nos.487(1)-488(2), Jan.-Feb. 1967.

EESTI KOMMUNIST [COMMUNIST OF ESTONIA], Issued by Festimaa Kommunistiku Partei Keskkomitee [Central Committee of the Communist Party of Estonia], Tallinn, vol. 23, nos. I-2, Jan. Feb. 1987. [in Estenian]

(AZAKSTAN KOMMUNISI [COMMUNIST OF KAZAKH-STAN]. Issued by the Communist Party of Kazakh-stan, Alma-Ata, vol. 46, no.1, Jan. 1967. [In Kazakh]

COMMUNIST [COMMUNIST]. Issued by TSentral'nyl Komitet Kommunisticheskoj partii Litvy [Central Committee of the Communist Party of Lithuania]. Vilnius, nos.1(5h)-2(5i2), Jan.-Feb. 1987.

COMMUNIST [COMMUNIST], Issued by TSentral ryl Komitet Kommunisticheskei partil Sovetskogo Sciuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 43, no. 18, Dec. 1968.

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KOMMUNIST MOLDAVII [COMMUNIST OF MOLDAVIA] Issued by TSentral'nyl Komitet Kommunistichest of partif Moldayii [Central Committee of the Communist Party of Moldavia], Kishinev, vol.12, no 1, Jan. 1 67.

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KOMMUNIST UKRAINY [COMMUNIST OF THE UKRAP4] Issued by TSentral by Komitte Kommunistychnot parti-Ukrainy [Central Committee of the Communist Party of the Ukraine], Kley, vol. 41, no. 12, Dec. 1989.

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Table of contents translated Editorial Stepping into the 50th anniversary year.

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KOMMUNISTI TOĆHIKISTON [COMMUNIST OF TAJIKI-STAN]. Issued by the Central Committee of the Com-munist Party of Tujikistan, Dushanbe, vol.31, no.12, Dec. 1806, vol.32, nos.1-2, Jan.-Feb. 1867. [In Tajik]

KOMUNIST UKRAINY [COMMUNIST OF THE UKRAINE]. Issued by TSential'nyl Komitet Komunistychnol partit Ukrainy (Contial Committee of the Communist Party of the Ukraine]. Kiev, vol. 41, no. I, Jan. 1967. [In Ukrainian]

KOMUNISTAS [COMMUNIST], Issued by Lietuvos Komunistu partijos Centro Komitcias (Central Committee of the Communist Party of Lithuania). Vilnius, no. 1(611), Jan. 1967. [In Lithuanian]

LENINIAN UGIOV (LENIN'S WAY). Issued by Tsentratiny Komitet Kommunisticheskol partit Armenti [Central Committee of the Communist Party of Armenta], Erivan, vol. 45, no. 12, Dec. 1966; vol. 46, no. 1, Jan. 1967. [In Armentan]

MEZHDUNARODNAIA ZHIZN' [INTERNATIONAL LIFE].
Published by Vsesolurnos obshchestvo "Znanio"
["Knowledge" All-Union Society]. Moscow, vol.14,

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MCSCOW, Ispolnitel'nyl komitet. Biulleten' [Executive Committee, Bulletin], Nos. 1(503)-2(584), 17(599), Jan., Sep. 1966, no. 1(607), Jan., 1967.

NOVOE VREMIA [NEW TIMES]. Moscow, vol.25, no. 2(1128), Jan. 1967.

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PADOMJU LATVIJAS KOMUNISTS [COMMUNIST OF SOVIET LATVIA] Issued by Laivijas Komunistiskas partijas Centrala Konaiteja (Central Committee of the Communist Party of Laivia), Riga, vol 22, no.1, Jan. 1867. [in Laivian]

PARTHA TURMUSHI [PARTY LIFE], Issued by Tsen-tral'nyi Komitet Kommunisticheskoi partti Uzbekistana [Central Committee of the Communist Party of Uzbekistan]. Tashkent, no.11, Nov. 1966. [In

PARTHNAIA ZHIZN' [PARTY LIFE]. Issued by TSentral'nyi Komitel Kommunisticheskoi partii Sovet-slogo Soluza [Central Committee of the Communist Party of the Soriet Union | Moscow, no.1, Jan. 1967.

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PRAVOZNAVSTVO [JURISPRUDENCE]. Kiev, no.1, 1985.

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PROBLEMY MIRA I SOTSIALIZMA [PROBLEMS O1' PEACE AND SOCIALISM]. Prague, vol.10, nos.1(ki) 2(102), Jan. -Feb. 1967.

RUSSKOE DELO. RUSSIAN CAUSE. Issued by Predreserve DELO. RUSSIAN CAUSE. Issued by Pred-stavitel' sive resstiskikh emigrantev v Amerike Russian Immigrants' Representative Association in America]. New York, vol. 8, no.10(94), 12(90), Oct., Dec. 1986.

SOVETY DEPUTATOV TRUDIASHCHIKHSIA [SOVIETS OF WORKERS' DEPUTIES]. Issued by the Newspaper "Izvestiia." Moscow, nos.1(115)-2(116), Jan.-Fcb.

TURKMENISTAN KOMMUNIST! [COMMUNIST OF TURK-MENISTAN]. Organ of the Central Communition of the Communist Party of Turkmenistan. Ashkhabad, no.12, 1966. [In Turkmen]

UZBEKISTON KOMMUNISTI [COMMUNIST OF UZBEKI-STAN], Issued by the Central Committee of the Communist Party of Uzbekistan, Tashkent, vol.39, no.1, Jan. 1987, [in Uzbek]

VISNYK, THE HERALD, Organ of Organizatelia oborony chotyr'okh svobid Ukrainy [Organization for Defense of the Four Freedoms for the Ukraine, Inc.]. New York, vol. 20, nos. II(213)-12(214), Nov.-Dec. 1959.

VOPROSY ISTORII KPSS[PROBLEMS IN THE HISTORY OF THE CPSU]. Organ of Institut markstyma-leninizma pri Tsk KPSS [Institute of Marxism-Leninism, Attached to the Central Committee of the CPSU]. Moscow, vol. II, no. 1, Jan. 1967

- Table of contents translated
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- Attu. I. A. some problems of the February Revolu-tion p. 17.
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- ZNAMIA ROSSII, organ russkot nezavislmot monarkhi-cheskot mysti [THE HANNER OF RUSSIA; Organ of Russian Independent Monarchistic Thought]. New York, no 273, Jan 1967.

7. LAW

- LATVIAN S. S. R. Augstaka Padome. Zinotaja Supreme Soviet Gazette Riga, not. 15, 46-52, Apr., Nov.
- OTVECHAEM NA VOPROSY RABOCHIKH I SLUZHA-SHCHIKH, turidicheskie konsul'talshi Prolizdata [WE ANSWER WORKERS' AND EMPLOYEES' QUES-TIONS; Legal Advice from the Trade-Union Publishing House). Moscow, nos. 19, 21, 1966.
- RADIANS KE PRAVO | SOVIET LAW|. Organ of Verkhovnyi Sud URSR | Supreme Court of the Ukrainian S.S.R. | and others, Kiev, vol. 29, no. 12, Dec. 1966.

 Table of contents translated:
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- RUSSIA (1917- H. S. F. S. R.) Verkhovnyi Sovet. Vede-mosti Supreme Soviet. Gazettej. Moscow, vot. II, nos. 3-4, 6-7, Jan -Feb. 1967.
- RUSSIA (1917 R. S. F. S. R.) Verkhovnyl Sud. Biulicten' [Supreme Court. Bulletin]. Moscow, no. 10, 1936, no. 1, 1967.

٠. RU***

- Table of contents translated; Adoption of the regulation on issuing bonuses to managerial, engineering and technical workers and employees of ronal agrachemical laboratories.
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- RUSSIA (1923 U. S. S.R.) Volkhoynyl Sovet, Vedomosti [Supreme Soviet, Gazette], Moscow, vol. 30, nos. 5(1351)-8(1354), Feb. 1997.
- SOTSIALISTICHESKAIA ZAKONNOST [SOCIALIST LE-GALITY]. Organ of Prokuratura SSSR and Verkhovnyi Sud SSSR [Office of the Public Prosecutor of the U.S.S.R., and the Supreme Court of the U.S.S.R.]. Moscow, 43, no.11, Nov. 1966.
 - Table of contents translated: The 49th anniversary of the Great October Revolution.
 - We are for the conditions of inviolable law and order.
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DOSHKOL'NOE VOSPITANIE [PRESCHOOL EDUCATION]. Issued by Ministerstvo prosveshchenita RSFSR[Minis-try of Education of the R.S. F.S.R.]. Moscow, vol. 39, no. 12, Dec. 1966.

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KUL'TURNO-PROSVETITEL'NAIA RABOTA [CULTURAL AND EDUCATIONAL WORK]. Organ of Ministerstvo kultury RSFSR [Ministry of Culture of the R.S.F.S.R.]. Moscow, vol.28, no.1, Jan. 1907.

NARODNAIA ASVETA [PUBLIC EDUCATION]. Organ of Ministerstvo asvety BSSR [Ministry of Education of the White Russian S.S.R.]. Minsk, no.1, Jan. 1987.

NARODNOE OBRAZOVANIE [PUBLIC EDUCATION].
Issued by Ministerstvo prosveshehentia RSFSR
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RUSSIA (1923- U. S. S. R.) Ministersiyo vysshego i sred-nego spetsial'hogo obrazovanija, Blulleten' [Ministry of Bigher and Secondary Specialized Education, Bul-letin, Moscow, nos. II-12, Nov. Dec. 1966,

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- VOSPITANIE SHKOL'NIKOV [EDUCATION OF STU-DENTS). Issued by Minister sivo prosveshchenija RSFSR [Ministry of Education of the R.S. F.S R]. Moscow, vol. 2, no. 1, 1967.

b PHYSICAL EDUCATION & GAMES

- FIZICHESKAIA KULTURA V SHKOLE [PHYSICAL EDU-CATION IN SCHOOLS], Issued by Ministerstvo pro-sveshchenila RSTSR [Ministry of Education of the R.S.F.S.R.], Moscow, 10.1, 1867.
- FIZKUL'TURA I SPORT [PHYSICAL EDUCATION AND SPORTS]. Organ of TSentral'nyl sovet Soluza sporttvnykh obshchesty i organizatsii SSSR [Central Council of the Union of Sports Associations and Organizations of the U.S.S.R.]. Moscow, no. 1(023), Jan. 1907.
- KEHAKULTUUR [PHYSICAL CULTURE]. Organ of EHARDLITUR (PHYSICAL CULTURE), Organ of Eesti NSV Spot diplingute ja - organisatsioonide Liit (Union of Spots Associations and Organizations of the Estonian S. S.R.) Taillan, vol. 28, no. 1(562), Jan. 1867. [In Estonian]
- LEGRAIA ATLETIKA (TRACK AND FIELD ATHLETICS) Organ of TSential'nyl sovet Soluza spottivnykh ob-sheheaty i organizatsi SSSR [Cential Council of the Association of Sports Societies and Organizations of the U.S. S.R.]. Moscow, vol. 12, no. 1(140), Jan. 1907.
- SAHS [CHFSS], Issued by Latvijas PSR Sporta biedribu un organizaciju savieniba and Saha federacija [Union of Sports Associations and Organizations and the Chess Federation of the Latvian S S. R.]. Riga, nos 21(179)-24(182), Nov Dec 1966. [in Latvian]
- SHAKHMATNYI BIULLETEN' [CHESS BULLETIN]. Organ of Shakhmatnala federatsiia SSSR [Chess Pederation of the U.S.S.R.]. Moscow, vol. 13, no.1, Jan. 1967.
- SHAKHMATY [CHIPSS]. Issued by Soinz sportivnykh obshchesty i organizatsii and Shakimathala federatsila Latvilskoi SSR [Union of Sports Associations and Organizations and the Chees Federation of the Latvian S. S.R.]. Riga, nos. 22-24, Nov.-Dec. 1966; no. 1, Jan 1967.
- SHAKHMATY V SSSR [CHESS IN THE U.S.S.R.]. Organ of Shakhmatnaia tederatella SSSR [Chess Federation of the U.S.S.R.]. Moscow, no.1, Jan. 1967.
- SOVET MAKTABI [SOVIET SCHOOL]. Organ of Mint-sterstvo prosveshchenita Uzbekskol SSR [Ministry of Education of the Uzbek S. S. R.]. Tashkent, nos. II-12, Nov. -Dec. 1966. [In Uzbek]
- SPORT V SSR [SPORTS IN THE U.S. S.R.]. Issued by the Periodical "Soveiskii Soluz" ["Soviet Union"]. Moscow, nos.11(45)-12(46), 1906; no.2(48), 1967.
- SPORTIVNAIA ZHIZN' ROSSH [SPORTS LIFE IN RUSSIA]
 Organ of Vserossiiskii sovet Soluza sportivnykh obshehesty i organizatshi [AH-Russian Council of the Association of Sports Societies and Organizations], Moscow, vol.11, nos.1-2, 1967.
- SPORTIVNYE IGRY [ATHLETIC GAMES]. Organ of TSontralray! sovet Soluza sportivnykh obstichesty i organizatell SSSR [Central Council of the Association of Sports Societies and Organizations of the U. S.S.R.] Moscow, vol.12, nos.11(139)-12(139), Nov.-Dec. 1900; vol.13, no.1(140), Jan. 1907.
- START. Organ of Rada Soiuzu sportyvnykh tovarystv i organizateit Ukrains'koi RSR [Council of the Union of Sports Associations and Organizations of the Ukrainian S. S. R.]. Kiev, no. i, Jan. 1967.
- TEORIIA I PRAKTIKA FIZICHESKOI KUL'TURY [THEO-RY AND PRACTICE OF PHYSICAL CULTURE]. RY AND PRACTICE OF PHYSICAR CONTOURS, Organ of TSchtraling sovet Solura sportlynyth obshehesty i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U.S. S.R.]. Moscow, vol. 28, no. 11, Nov. 1966.

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VOPROSY FIZICHESKOGO VOSPFTANIIA STUDENTOV [PROBLEMS IN THE PHYSICAL EDUCATION OF STUDENTS]. Issued by Kafedra Fizichuskogo vospitanila Leningradskogo gosudarstvennogo universite ta [Department of Physical Education of the Lenin-grad State University]. Leningrad, no.3, 1986.

9. MUSIC, THEATER & MOTION PICTURES

a MOTION PICTURES

AKTERY ZARUBEZHNOGO KINO [ACTORS OF THE FOREIGN CINEMA]. Moscow, no.1, 1965.

ISKUSSTVO KINO [CINEMA ART]. Organ of Ministerstvo kultury SSSR and Soluz rabotnikov kinematografii SSSR [Ministry of Culture of the U.S.S.R. and the Association of Cinematographic Workers of the U.S.S.R.] Moscow, vol.36, no.12, 1966.

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NOVYNY KINOEKRANU [CINEMA NEWS]. Kiev, no. 1(66), Jan. 1967.

SOVETSKII EKRAN [THE SOVIET SCREEN]. Organ of Komitet po kinematografli pri Sovete Ministrov SSSR and Soluz kinematografistov SSSR [Committee for Motion Pictures, Attached to the Council of Ministers of the U. S. S. R., and the Union of Motion-Picture Workers of the U. S. S. R.]. Moscow, nos. 1(241)-2(242), Jan. 1957.

SOVETSKOE RADIO I TELEVIDENIE [SOVIET RADIO AND TELEVISION], Issued by Gosudarstvennyi komi-tet po radioveshchaniiu i televideniiu pri Sovete Ministrov SSSR [State Committee on Radiobroadcasting and Television, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol.8, no.3, 1959.
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- MUZYKAL'NAIA ZHIZN' [MUSICAL LIFE]. Organ of Soluz kompozitor ov SSSR and Ministerstvo kul'turv SSSR [Association of Composers of the U.S.S.R. and the Ministry of Culture of the U.S.S.R.] Moscow, vol. 10, nos. 2(220)-4(222), Jan.-Feb. 1967.
- VISTI, zhunnal muzychnoho ta mystcis'koho zbyttia HERALD, Music and Art Magazine. Issued by khoi 'Dnipro'' o' Tin Stit, Minn. Uktainian Chorus "Dnipro'' of the Twin Cities St. Paul, Minu., vol.5, no. 4(19), Dec. 1966.

c. THEATER

- KLUB I KHUDOZHESTVENNAIA SAMODEIATEL'NOST' [FHE CLUB AND AMATEUR ART ACTIVITIES].
 Issued by Vsessduznyi TSentral'nyi Sovet Professional'nykh Soluzov (All-Union Central Council of
 Trade Unions]. Moscow, vol. 18, no. 2, Jan. 1987
- MOLODEZHINAIA ESTRADA [YOUNG PEOPLE'S STAGE], Published by "Molodaia gyardiia" ["Young Guard"], Moscow, no.1(139), 1967,
- NA DOPOMOHU KHUDOZHNII SAMODIIAL'NOSTI, lepentuarnyi zbi nyk [A GUIDE FOR ART AMATEURS; Reperto ial Collection]. Kiev, no. 6(68), 1966; no. 1(67), 1967.
- SOVETSKAIA ESTRADA I TSIRK (SOVIET STAGE AND CIRCUS]. Organ of Mintsterstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, no. 2(113), Feb. 1987.
- TEATR [THEATER]. Organ of Ministerstvo kul'tury SSSR and Soluz pisatelei SSSR [Ministry of Culture of the U.S.S.R. and the Association of Writers of the U.S.S.R.]. Moscow, vol.24, no.7, July 1963.

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10. FINE ARTS

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- DEKORATIVNOE ISKUSSTVO SSSR [DECORATIVE ART OF THE U.S.S.R.]. Issued by Soluz khudozhnikov SSSR [Association of Artists of the U.S.S R.]. Moscow, vol. II, no. 1(10), 1967.
- ISKUSSTVO [ART]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.] and others. Moscow, vol. 29, no. 10, 1966.

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SOVETAKAN ARVEST [SOVIET ART], Issued by Ministersive kul'tury Armianskoi SSR and Gosudarsiven-nyi komitet Soveta Ministrov Armianskoi SSR po kine-matografii [Ministry of Culture of the Armenian S.S.R. and the State Committee of the Council of Ministers of the Armenian S.S.R. for Motion Pic-tures]. Erivan, no.12, 1966. [In Armenian]

SOVETSKOE FOTO [SOVIET PHOTO]. Issued by Soluz zhurnalistov SSSR [Association of Journalists of the U.S.S.R.]. Moscow, nos.1-2, Jan.-Feb. 1967.

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ARKHITEKTURA SSR [ARCHITECTURE OF THE U.S. S. R.]. Organ of Gosudtustvennyl bomitet pogazhdunskomu strollel'stwil arbhitekture pri Gosstro SSR and Soluz arkhitektorov SSR [State Committee for Public Construction and Architecture, Attached to the State Planning Committee of the U.S. S. R., and the Association of Architects of the U.S. S. R.]. Moscow, no 6, 1963.

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RUSSIA (1923 - U.S.S.R.) Ministerstvo vysshego i grednego Spetsial nogo obrazovanila. Izvestita vysshikh uchebnykh zavedenil, stroiteľstvo i arkhitektura (Munistry of Higher and Secondary Specialized I duca-tion, Bulletin of the Institutions of Higher Learning, Construction and Architecture]. Moscow, vot. 9. no.9. 1966.

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m LANGUAGE

- INOSTRANNYE IAZYKI V SHKOLE (FORLIGN LAN-GUAGES IN SCHOOLS). Issued by Ministersive pro-sveshchenita RSFSR [Ministry of Education of the R.S. F. S. R.]. Moscow, no. 6, Nov. Dec. 1966.
- KEEL JA KIRJANDUS [LANGUAGE AND LITERATURE].
 ISSUED by Eesti NSV Teaduste Akadeemia and Festi
 NSV Kil Janke Liti [Academy of Sciences of the
 Estonian S. S. R. and the Association of Writers of
 the Estunian S. S. R.]. Tallius, vol 19, no.1, Jan.
 1967. [In Estonian]
- LIETUVOS TSR AUKSTUJU MOKYKLU MOKSLO DAR-BAI; KALBOTYRA, Uchenye zapiski vyvsnikh uchch-nykh zavedenii Litovskol SSR; lAzykoznanie [ST UD-IES BY THE INSTITUTIONS OF HIGHER LEARNING OF THE LITHUANIAN S. S. R. LINGUISTICS]. VIInius, vol. 14, 1966,
- NOVAIA INOSTRANNAIA LITERATURA PO IAZYKO-ZNANDU [NEW FOREIGN LITERATURE ON LINGUIS-TICS]. Issued by Fundamental nata inbitoticks ob-sichestvennykh usuk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscow, nos.11-12, 1066.
- NOVAIA SOVETSKAIA LITERATURA PO IAZYKOZNA-NIIU (NEW SOVIET LITERATURE ON LINGUISTICS]. Issued by Fundamental' ania biblioteka obshchestven-nykh rauk Akademit nauk SSR (Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.), Moscow, nos. II-12, 1966.
- RUSSKH HAZYK V NATSIONAL NOI SHKOLE [THE RUSSIAN LANGUAGE IN NON-RUSSIAN SCHOOLS]. Issued by Akademila pedagogleheskikh nauk RSFSR [Academy of Pedagogleal Sciences of the R. S. F. S. R.]. Moscow, no. i, Jan. Feb. 1967.
- Russkii iazyk v siikole (Russian language in SSCHOOLS]. Issued by Ministerstvo prosveshchenia RSFSR [Ministry of Education of the R.S. F. S. R.]. Moscow, no.1, Jan. Feb. 1987.

- UKRAINS'KA MOVA I LITERATURA V SHKOLI [UKRAINIAN LANGUAGE AND LITERATURE IN SCHOOLS]. Issued by Ministersivo osytiv URSR [Ministry of Educ. dig.t of the Urrainian S.R.]. Kley, vol. 10, no. 12, Dec. 1966, vol. 17, no. 12, Jan. Cob., 1967.
- UZBEK THA VA ADABIETI [UZBEK LANGUAGE AND LETERATURE]. Issued by Institut nazyla i literatury Akademiti mank Uzbekskot SSR [Institute of Language and Literature of the Academy of Sciences of the Uzbek S. S. R. J. Tashkent, vol. 6, no. 6, Nov. Dec. 1996. [In Uzbek]
- VOPROSY IAZYKOZNANIIA [PROBLEMS OF LINGUISTICS]. Issued by Insutu tazykoznanita Akademii nauk SSSR [Institute of Linguistics of the Academy of teleares of the U.S.S.R. J. Moscow, vol. 15, no. 5, Sep. Oct. 1958.

- Sep. Oct. 1956.

 Table of Contents translated.

 Kostomatov, V. G., Leont'ev, A.A. Some theoretical problems of the refinement of speech. p. 3.

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- VOPROSY KULTURY RECHI [PROBLEMS IN SPEECH CULTURE]. Issued by Institut resskoge lazyka Akademit bank SSSK [Institute of the Russian Language of the Aendemy of Sciences of the U.S. S. R.]. Mescow, 10, 7, 1908.

 - Table of contents translated Orlegov, S I. Forms of the existence of a modern Russian national language, p. 5.
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b LITERATURE & FOLKLORE

- AKADEMHA NAUK SSSR, Institut tusskot literatury.
 Otdel dreynerusskoi literatury. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Russian Literature, Department of Ancient Russian Literature, Transactions]. Leningrad, vol.18, 1962.
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- prus," an unknown literary landmark of the 17th century. p. 311.
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- Dmitriev, L.A., Kopanev, A.I. Archival expedition in Murmanski Province and the Karelian A. S. S. R.
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 Academic sessions of the Group on the Study of Cld
- Academic sessions of the Group on the Study of Old Russian Literature of the A, M, Gorkil Institute of World Literature of the Academy of Sciences of
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- Vol 22, 1966 Mutual influence of the literature and art of Ancient Russia.

- of Ancient Russia.

 Table of contents lianslated
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- ALA-TOO, literaturno khudozhostvennyt i obshchestvenno politichicakii Anu nat [ALA TAU, Literary and Sociopolitical Magazine] Organ of Solur pisatelel Kirglaii and Ministerativo kullury Kirglriskoi SSR [Association of Writers of Kirghizh and the Ministry of Culture of the Kinghtz S S R] Franze, vol. 35, no 10, Oct. 1966 [in Kinghtz]
- AZERBAĬĆHAN (AZERBALIAN) Organ of Soluz pisate-lei Azerbaidzhana (Association of Writers of Azer-baljan). Baku, no 12, Dec. 1966 [in Azerbaijani]
- BARKAL. Organ of Soinz pisatelei Burintskoi ASSR [Association of Writers of the Buryat A S.S.R.] Ulan-Ude, vol 12, no.6, Nov. Dec. 1966.
- DILA [MORNING], Issued by TSentral'nyt komitet leninskogo kemmunisticheskogo sojuza molodezhi Gruzli and Respublikanskil sovet organizatsii lunykh plonerov im. V. I. Lenina [Central Committee of the Lenin Communist Youth League of Georgia and the Republic Council of Lenin Pluncers]. Tillis, nos.11-12, Nov. -Dec. 1966. [in Georgian]
- DNIPRO [DNIEPER], Organ of TSentral'nyl komitet Lenins'koho komunistychnoho soluzu molodi Ukrainy [Central Committee of the All-Union Communist Youth League of the Ukraine]. Kiev, vol. 41, no. 1, Jan. 1967.
- DON. Organ of Solar pisatelel RSFSR and Rostovskoe otdelenie Solara pisatelel [Association of Writers of the R. S. F. S. R. and the Rostov Branch of the As-sociation of Writers]. Rostov-cy-Don, vol. 10, nos. Il-12, Nov. Dec. 1966, vol. 11, no. 1, Jan. 1967.
- DROSHA [THE BANNER]. Published by the Publishing House of the Central Committee of the Communist Party of Georgia, Tillis, no 12, Dec. 1966; no. t, Jan. 1967.
- DRUZHDA NARODOV [FRIENDSHIP OF PEOPLES]. Organ of Soluz pisatelet SSST [Association of Writers of the U.S.S.R.]. Moscow, vol. 28, no. 12, 1986, vol. 29, no. 1, 1967.
- GRANI [FRONTIERS], Published by 'Posev." Frankfort/Main, vol.21, no.62, 1960.
- INOSTRANNAIA LITERATURA [FOREIGN LITERATURE].
 Organ of Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, no.12, Dec. 1966; no.1, Jan. 1987.
- IUNOST' [YOUTH]. Organ of Soluz pisatelei SSSR [Association of Writers of the U. S. S. R.]. Moscow, vol. 13, nos.1(140)-2(141), Jan, -Feb. 1997.
- KAROGS [THE BANNER]. Issued by Latvijas padomju rakstnicku savieniba [Association of Writers of Soviet Latvia]. Riga no 1, 1967. [In Latvian]
- KHOTUGU SULUS [STAR OF THE NORTH]. Yakutak, no.1, 1967. [in Yakut]

- LITERATURA I ISKUSSTVO NARODOV SSSR I ZARU-BEZHNYKH STRAN, Bibliograficheskii biulicten' [LITERATURE AND ART OF THE PEOPLES OF THE U. S. S. R. AND FOREIGN COUNTRIES, Bibliogi aphi-cal Bulletin]. Issued by Vsesoiuznaia knizhnaia palata and Vsesoluznala gosudarstemnala biblioteka ino-sti annoi literatu y [All-Union Book Chamber and the All-Union State Library of Foreign Literature]. Muscow, no. 6, 1966.
- LITERATURA V SHKOLE [LITERATURE IN SCHOOLS]. Issued by Minister stvo prosveshchenia RSFSR [Min-lstry of Education of the R.S. F. S. R.], Moscov, vol. 28, no. 1, Jan. -Fcb 1967.
- LITERAT URNAIA ARMENIIA [LITERARY ARMENIA]
 Organ of Praviente Soluza pleatele: Armenia [Administration of the Association of Writers of Armenia]. Erlvan, vol. 8, no 12, Dec. 1966,
- LITERATURNAIA GRUZHA [LITERARY GEORGIA].
 Organ of Soluz plantelei Gruzhi [Association of Writers
 of Georgia]. Tillis, vol 10, no.12, Dec. 1966, vol.11,
 no.1, Jan. 1967.
- LITERATURNYI AZERBAIDZHAN (LITERARY AZER-BAIJAN) Organ of Soluz pisatelei Azerbaidzhana [Association of Writers of Azerbaijan], Baku, vol. 25, no 1, Jan 1967.
- LOOMING [CREATIVE WORK], Issued by Easti NSV Kirjanive Liit [Association of Writers of the Estonian S. S.R.], Tallinn, no 1, Jan. 1967 [In Estonian]
- MOSKVA [MOSCOW]. Organ of Soluz pisatelel RSFSR and Moskovskoe otdelenie Soluza pisatelel RSFSR [Association of Writers of the R. S. F. S. R. and the Moscow Branch of the Association of Writers of the R.S F.S.R.]. Moscow, vol. II, no. 1, 1967.
- NASH SOVREMENNIK [OUR CONTEMPORARY]. Organ of Solur pisatelet RSFSR [Association of Writers of the R.S. F.S.R.] Moscow, nos.1-2, Jun. -Feb. 1967
- NEMAN [NEMAN RIVER]. Organ of Soluz pisatelei BSSR [Association of Writers of the White Russian S, S, R.]. Minsk, vol.15, no.12, Dec. 1966, vol.16, no.2, Feb.
- NEVA. Organ of Soluz pisatelei RSFSR and Loningradskoe otdetente Soluza pisatelei [Association of Writers of the R. S. F S. R. and the Leningrad Branch of the Association of Writers]. Leningrad, no. 2,
- NISTRUL [DNIESTER RIVER]. Organ of the Association of Saviet Writers of the Moldavian S S.R. Kisht-nev, vol. 35, no. 12, 1966. [In Moldavian]
- NOVAIA INOSTRAUNAIA LITERATURA PO LITERATUROVEDENIII (NEW FOREIGN LITERATURE ON THE STUDY OF LITERATURE] Issued by Fundamental'-nata biblioteka obshchostvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S. S.R.] and others Moscow, nos 11-12, 1966.
- NOVAIA SOVETSKAIA LITERATURA PO LITERATURO-VEDENIIU [NEW SOVIET LITERATURE ON THE STUDY OF LITERATURE]. Issued by Fundamental'-nata biblioteka obstehest emykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S. S. R.]. Moscow, nos. 11-12, 1986.
- NOVOE I ZABYTOE [THE NEW AND THE FORGOTTEN]. Issued by Gosudarstvennyl literaturnyl muzet [State Literary Museum]. Moscow, no.I, 1966.
- NOVYI MIR [THE NEW WORLD], Organ of Soluz pisatelei SSSR [Agsociation of Writers of the U.S.S.R.], Moscow, vol. 39, no. 3, Mar. 1963.
- Table of contents translated; Lofty ideology and artistic craftsmanship are the great strengths of Soviet literature and art; Comrade N. S. Khrushchev's speech at a meeting of party and government leaders with literary and artistic figures
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- PERGALE [THE VICTORY] Organ of Listuvos TSR rasytoju sajunga [Association of Writers of the Lithuanian S.S. R.] Vilnius, no I, 1967 [in Lithuanian S.S. R.]
- PISATEL' I ZHIZN' [THE WRITER AND LIFE]. Insued by Literaturnyi institut and Soluz pisatelei SSSR [Literary Institute and the Association of Writers of the U. S.S.R.]. Moscow, no.3, 1966.
- POLIARNAIA ZVEZDA [THE NORTH STAR]. Organ of Soluz sovetskiph pleatelet lakutti [Association of Writers of Yakutia]. Yakutsk, no.3, May-June 1963, no.6, Nov.-Dec. 1964.
- POLYMIA [FLAME]. Organ of Saiuz pis'mennikau BSSR [Association of Writers of the White Russian S. S. R.]. Minsk, no.1(453), Jan. 1967.
- PROSTOR [WIDE-OPEN SPACES]. Issued by Soluz pi-satelet and TSK LKSM Kazakhstana [Association of Whitens and the Central Committee of the Lenin Communist Youth League of Kazakhstan] Alma-Ata, vol. 33, no. 12, Dec. 1906.
- PUNALIPPU [THE RED BANNER]. Issued by Soloz pi-satelei Karel'skol ASSR [Association of Writers of the Karelian A. S. S. R.]. Petrozavodsk, vol. 23, no. 6, 1966. [in Finnish]
- RADUGA [THE RAINBOW], Organ of Praviente Soinza pisatelei Ukrainy [Administration of the Association of Writers of the Ukraine], Kley, vol.17, no.1,
- SHARK JULDUZI [STAR OF THE EAST]. Organ of the Association of Soviet Writers of Uzbekistan. Tash-kent, vol.34, no.12, Dec. 1966. [In Uzbek]
- SIBIRSKIE OGNI [SIBERIAN LIGHTS]. Organ of Soiuz pisatelet RSFSR and Novosibirskoe cidelenie Sciura pisatelet [Association of Writers of the R. S. F. S. R. and the Novosibirsk Branch of the Association of Writers]. Novosiblisk, vol.46, no.1, 1967.
- SOVET EDEBIIATY [SOVIET LITERATURE]. Organ of Soluz sovetskikh pisatelet TSSR [Association of Saviet Writers of the Turkmen S. S. R.]. Asikhabad, no.10, Oct. 1906; no.1, Jan. 1967. [In Turkmen]
- SOVETSKAIA UKRAINA [SOVIET UKRAINE], Organ of Pravlenie Soiuza pisatelei Ukrainy [Administration of the Association of Writers of the Ukraine]. Kiev, vol. 12, no. 4, Apr. 1962,

 Table of contents translated;
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- SUCHASNIST', literatura, mystetstvo, suspit'ne zbyttia [OUR TIME, Literature, Art, and Social Problems] Munich, vol 7, no 1(73), Jun 1967
- URAL, Issued by Sverdlovsloe ofdetenic Somen presidelet RSFSR [Sociallowsk Branch of the Association of Writers of the R S F. S R. | Sterdlowsk, vol. 10, no.1, Jan 1967
- VITCHYZNA (OUR COUNTRY), Organ of Spills pys'men-mylly Ukrainy [Association of Writers of the Ultrane] Kley, vol 35, no.1, Jan 1987
- VOLGA. Organ of Praylenic Soluza pisatelet RSFSR and Sulator slice of delenic Soluza pisatelet RSFSR [Administration of the Association of Writers of the R.S.F S R. and the Saratov Branch of the Association tion of Writers of the R S. F.S R. | Saratov, vol. 2, nos. 1-2, Jan. -Feb. 1967.
- VOZROZHDENIE [RENAISSANCE] Paris, no.182,
- ZNAMIA [THE BANNER], Organ of Solu, pisatelei SSSR [Association of Writers of the U.S.R.] Moscow, vol.37, no. 1, Jan. 1967.

 Table of contents translated;
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ZVEZDA VOSTOKA [STAR OF THE EAST]. Organ of Soluz pisatelet Uzbekistana [Association of Writers of Uzbekistan , Tashkent, vol. 34, no. 12, 1966.

12, GEOGRAPHY & GEOLOGY

ETHNOLOGY

- VOPROSY ANTROPOLOGII [PROBLEMS OF ANTIIRO-POLOGY]. Issued by Moskovskii gosudarstvennyi universitet [Moscow State University]. Moscow,
- no. 4, 1960. Table of contents translated Communist moral education and Soviet anthropology.
- Bashkit ov, P. N. The role of anthropometry in physical education and sports and its relation to
- anthropology, p. 9. Voronin, L. G. Comparative physiological data on the origin of the higher nervous activity in man
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ь **GEOGRAPHY**

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- Table of contents translated

 Neiman, V. G., Fillushkin, B. N., Sheherbinin, A. D.
 Structure and circulation of waters in eastern part
- Structure and ch culation of waters in castern part of Indian Ocean during summer monsoon. p.5.
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AKADEMHA NAUK SSSR. Me/hduvedomstvemnyi geofizicheskii komitet. X razdel programmy MGG. Okeanologiia Sbornik statet ACADEMY OF SCIENCES OF
THE U. S. S.R. Inter departmental Goophysical Committee. 10th Section of the IGY Program Oceanology.
Paper sl. Moscow, no. 18, 1906.
Contents. Kushin, K. I. [Wave heights in the northern
part of the Atlantic Ocean] Vysoty voln v severnoi
chasti Atlanticheskogo okeana. 84 p.

- AKADEMIIA NAUK SSSR, Okeanograficheskala komis-siia, Trudy [ACADEMY OF SCIENCES OF THE sita. Trudy [ACADEMY OF SCIENCES OF THE U.S. S. R. Oceanographic Commission, Transactions]. Moscow, vol.13, 1962. Protection from marine fouling, Table of contents translated liskra, I.V. Modern methods of controlling fouling p.3.
- p. 3.
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- Tarasov, N I. Tests of means of controlling fouling
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- Vol. 14, 1982. Methods and results of submarine re-

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- Kondakov, N. N. Color of sea inhabitants at various depths. p. 39.
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- Sokolov, O. A. Submarine observations of the react of herring to an artificial light. p. 103. Kluomov, N. S. Observations of the plaukten from the submarine "Severlanka." p. 105. Gershanovich, D. C. Observations over the surface of the sea bottom for geological purposes. p. 109 Sokolov, O. A. Requirements for a submarine research boat. p. 116. Kisolov, O. N. Using Soviet bathyscaphes for the observations of commercial fishes. p. 123. Diomidov, M. N. Designing of the Soviet bathyscaph p. 127.
- AKADEMIIA NAUK SSSR, Sibitskue otdelenie, Institut geografii Sibiti i Dalinggo Vostoka, Doklady [ACAT EMY OF SCIENCES OF THE U.S. S. R. Sibertan De-partment, Institute of the Geography of Siberta and the Far Past, Reports], Likutsk, no. 9, 1985.
 - Table of contents translated Sochava, V.B. Practical meaning of geographical research and the concept of applied geography. p. 3.
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 - Shvedov, A. P. New method of compiling maps of faunal replentshments in general attases. p. 3. Tolchel'nikov, IU. S. Studying the energy district of a light flux reflected by the soil cover. p. 3: Kishitayna, V. P. Cellulase activity of soils of so East Siberian landscapes depending on the concions of the geographical environment. p. 40. Kosmachev, K. P. Ways of combining the occupa of the aboriginal peoples of the north with new hyperburger of security in New Law results and the security of security in New Law results and the security of the security in New Law results are security.
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- Polevoi, B. P. In the Institute of Geography of Siberta and the Tar East (April 1963-March 1995).
- AKAD EMIIA NAUK URSR, Kiev, Mong'kyi hidiofizych-nyi Inskytut. Tioty [ACAD EMY OF SCIENCES OF THE UKRAINIAN S.S.R. Marine Hydrophysical Insti-luto. Transactions]. Kiev. vol. 37, 1960. Problems of physics of sea, transactions of anniversary
 - session

 Table of contents it anslated
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- Shutova, E. N. Behavior of advective constituent of heat balance of sea based on data for period of many years. p., 83.

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- GEOGRAFICHESKOE OBSHCHESTVO SSSR. ARABEVU otdel. Izvestita [GEOGRAPHICAL SOCIETY OF THE U.S. S. R. Altal Branch. Bulletin]. Barnaut, no. 3,
 - Table of contents translated. Mal'kov, R. A. - Labor resources of the Attai in the initial period of the formation of the Soviet
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- GEOGRAFICHESKOE OBSHCHESTVO SSSR. Otdelenie matematicheskoi geografii i kaitografii. Materialy [GEOGRAPHICAL SOCIETY OF THE U. S.S.R. De-patiment of Mathematical Geography and Caltegraphy. Materials]. Leningrad, no. 2, 1902. Materials on cartography.
 - Table of contents translated. Nikishov, MI -Picseni state of and problems in the field of agricultural cartography in the U.S. S.R.
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- GEOGRAFICHESKOE OBSHCHEST VO SSSR. Vostochno-Sibirskii otdei. Izvestiin [GEOGRAPHICAL SOCIETY OF THE U.S.S.R. East Siberian Branch. Bulletin]. Irkutsk, vol. 60, 1962.
- OF THE U.S.S.K. East Sourman Branch. Burtern J. Practick, vol. 60, 1962.

 Table of contents translated;
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- Luk'ianchikov, F. V. State and outlook for efficient or ganization of salmon fisheries in the Khatanga River system p. 92.

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- LENINGRAD, ARKTICHESKII I ANTARKTICHESKII nauchno-issledovatel'skii institut, tiudy [arctic and antarctic scientific research INSTITUTE. Transactions], Vol. 277, 1966. Numerical methods of studying hydrometeorological conditions in Arctic using electronic digital computers.

 Table of contents translated:
- Doronin, IU, P., Semenova, I. V. Interpretation of fluxes of autgoing radiation. p. 5.

- Illigenson, A.P., Spectral absorption of long-wave radiation in atmosphere p. 11.

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- Diubkin, I.A., Ryzhakov, L. IU Character istics of statistical structure of decade pressure at some
- of statistical structure of decade pressure at some stations of Not then Hemisphere p. 94. Gass, A.V Analysts of successfulness of approximation of surface pressure field by expansion in Chebyshov polynomials, p. 44.
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- MIROVOI TSENTR DANNYKH B1. Katalog daunykh po okeanografii (WORLD DATA CENTER Bl. Catalog of Oceanographic Data) July-Dec. 1965; Jan. June 1966. Moscow, 1966.
- MOSCOW, UNIVERSITET, Vestnik, Seriia 5: Geografiia [UNIVERSITY, Review, Series 5: Geography]. Vol. 21, no.6, Nov. Dec. 1906.
 - Table of contents translated:
 Sluka, A.E. Basic characteristics of recent international nigrations of population in the capitalist world, p. 3.
 Lukashova, E. N. Basic characteristics of natural zonality and its manifestation on lands of the globe.

 - p. 11.
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- Polocrehata, L. V. Observation of a turbit stream in the Black Sea. p. 99.

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- * OKEANOLOGIIA (OCEANOLOGY). Issued by Okeano-graficheskala komissila Akademii nauk SSSR (Oceano-graphic Commission of the Academy of Sciences of the U.S.S.R.). Moscow, vol.6, no.5, 1966.
 - the U.S.S.R.]. Moscow, vol.6, no.5, 1966.

 Table of contents translated:
 Kalinin, G.P., Markov, K.K., Suctova, I.A. Lovel
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 - Sheremetevskala, O.I., Smirnova, K.I. Effect of controlled regime of discharge of Volga, Kura, and Ural Rivers on annual course of Caspian Sea

 - and Ural Rivers on annual course of Caspian Sea level. p. 788.

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- Anatolii Aleksandi ovich Zaitsey, obituary. p. 9_J.
- PROBLEMY ARKTIKI [PROBLEMS OF THE ARCTIC]. Issued by Arkticheekli nauchno-usiledovatel'sti institut [Arctic Scientific Research Institute] Leningrad, no. 7, 1959.
 - Table of contents translated; Treshnikov, A. F. Surface waters in the Arctic Basin.

 - Di ogalisev, D. A. Forecasting the water temperature in the Barents Sea. p. 15.
 Novitskii, V. P. Transformation and formation of
 - water types in the northern part of the Barents Sea. p. 23. Kudi jaylsev, N. F., Gordienko, G. V. Determining the
 - drift velocity and direction with the sounding lead.
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 - Fel'dshtein, IA. I., IUdovich, L. A. Shortwave radio communication on main lines of the radio center of Dickson Island during magnetic storms of
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- REFERATIVNY! ZHURNAL. GEOGRAPHA [JOURNAL OF ABSTRACTS: GEOGRAPHY]. Issued by Vsesoluznyi Institut nauchnol i tekinicheskoi Informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, nos.1-2, Jan.-Feb, 1967.
- VOPROSY GEOGRAFII KAMCHATKI [PROBLEMS OF THE GEOGRAPHY OF KAMCHATKA]. Issued by Kamchatskii otdel Geograficheskogo obshchestva SSSR pri Akademit nauk SSSR [Kamchatka Branch of the Geographical Society of the U.S. S.R., Attached to the Academy of Sciences of the U.S. S.R.]. Petro-paviovsk-Kamchatskii, no. 3, 1995.
 - paviovsk-Kamchatski, no. 3, 1995.
 Table of contents translated;
 Kuskov, V. P., Lagunov, I. I. Petropavlovsk-Kanchatskiy is 225 years old, p. 3.
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- Markhinin, E. K. Eruption of Bezymyanny, Venin December 1961. p. 126.
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- of the Soviet Union. p. 133. Aprelkov, S. E. All-Union Conference of Geol-
- Sviatlovskii, A. E. Conference on the geomory and recent tectonics of Siberia and the Far!

c. GEOLOGY & PALEONTOLOGY

- AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, F Izvestita Sertia nauk o zemte [ACADEMY OF ENCES OF THE AZERBAIJAN S.S.R. Bulleti Series of the Earth Sciences]. Baku, no. 4, 100
 - Table of contents translated Mamedzade, R. N., Rasulov, G. L. Ctotacer stratigraphy of Kura region in western Aze-in connection with prospects for finding oil
- p. 3.
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- A KADEMHA NAUK KAZAKHSKOI SSR, Alma-Atn.
 Izvestila, Serita geologicheskala (ACADEMY OF
 SCIENCES OF THE KAZAKH S.S.R. Bulletin,
 Geological Series), Alma-Ata, vol. 23, no. 5, Sep. Oct. 1984
- - Table of contents translated; Titor, V. I., Nakhitigal', G. P., En molenko, A. E. Tee-tonics and characteristics of distribution of granifold phitons in northeastern margin of
 - granifold platons in not thenstein margin of
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 - Ermekoaev, A., Spasskii, N. V., Berembekov, K.

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- A KADEMIA NAUK KAZAKHSKOI SSR, Alma-Ata, Izvestiia. Serlia geologicheskikh muk ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Bulletin. Series in the Geological Sciences]. Alma-Ata, no.6(57), 1963.
 - Table of contents translated: Satpacy, K.I., Bok, I.I. Academician Vidimir Afanas'evich Obruchev, on the contenary of his
 - birth, p, 3.
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- *AKADEMIIA NAUK SSIR. Izvestiia, Seriia geologiche-skala [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin, Geological Series], Moscow, vol.31, no 12, Dec. 1966.
 - Table of contents translated Reinforcement of Academy of Sciences of U.S. S. R.
 - Kosygin, IU. A., Voronin, IU. A. Development of con-
- Kosygin, IU. A., Voronin, IU. A. Devolopment of concepts of geological space as possible basis for using mathematics in geology. p. 17.
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- Khrushchov, M. M. Study of Moh'e hardness scale by method of microhardness. p. 74.
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- GEOLOGIIA I GEOFIZIKA [GEOLOGY AND GEOPHYSICS]
 [asued by Sihn skee olderente Akademii muk SSSR
 [Siberian Branch of the Academy of Sciences of the
 U.S.S.R.] Novosibirsk, no.8, 1963.

 Table of contents translated
 Rozova, A.V.—Biostratignaphic science of the upper
 parts of the Middle Cambrian and Upper Cambrian
 of the Strategies and the Siberian Middle Cambrian
 of the Strategies and the Siberian Middle Cambrian
 of the Siberian Middle Cambrian and Upper Cambrian
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 - Voronin, IU.A. Mathematical and logical treat ment of geological classifications, p.129. Introduction of the International Unit System in the U.S.S.R. p. 134.
- No. 11, 1963.

 Table of contents translated:
 Krylov, S. V., Puzyrev, N. N. Calculating the effect
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- IvanovaRi, A. B. Evolution and genetic relations of the genera representatives of sinchen Regiona Entetophyllian Wolds and Svenkiella Soulis, p. 300. Gur'imnova, T. G. Conditions governing the formation of locas in the upper Augura Valley. p. 87. Dulli lov, A. N. Physical characteristics of the accumulation of solar energy by the crystalline matter of the earth. p. 95.

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 Fifth Alt-Union Technological Conference on Geophys
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- No. 0, 1905.
 - (a) 1995.
 Table of contents translated.
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- Table of contents trinslated Kulish, E.A. Petrology of Early Mesozoic igneous locks of Aldin Shield. p.3.
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- LENINGRAD, VSESOIUZNYI GEOLOGICHESKII INSTITUT. Trudy [ALL-UNION GEOLOGICAL INSTITUTE, Transactions]. No. 141, 1966. Paleopalinologiia [Paleopalynology], vol. 3,
 - Contents [Tables of drawings and micropholographs of spores, pollen and other plant micropanolograph, of spores, pollen and other plant microfessils from sediments of Upper Pre-Cambrian, Pleistocene of U.S.S.R.] Tablitsy risunkov i mikrofotografti spor, pyltsy i drugikh rastitelynykh mikrofossilii iz otlozhenii verkhnego dokembrita - pletstotsena SSSR.
- *LITOLOGIIA I POLEZNYE ISKOPAEMYE [LITHOLOGY AND MINERAL RESOURCES, Issued by Akademin nauk SSSR and Gosudarstvennyl geologicheski komitet SSSR (Academy of Sciences of the U.S.S.R. and the Sate Geological Committee of the U.S.S.R. and the Sate Geological Committee of the U.S.S.R.).

- Moscow, no. 6, Nov. Dec. 1986.

 Table of contents translated:
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 Khotova, I. V., Zalmanzon, E.S., Composition of tuffaceous pelitomorphic rocks from Devonium manine tormations in Southern Urals, p. 19.

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- Matukhin, R.G. First Conference of Siberlan Branch of Commission on Sedimentary Rocks of Department of Earth Sciences of Academy of Sciences of U.S.S.R.
- MINERAL'NOE SYR'E [MINERAL RAW MATERIALS] Issued by Vseschuznyl nauchno-Issiedovatel'skii Insti-tut miner at'nogo syr'ta [Alt-Union Scientific Research Institute of Mineral Raw Materals]. Moscow, no 12, 1966. New methods of mineralogical studies
 - and examples of their present day use.

 Table of contents translated
 Pudokina, I.A., Rabeva, E.G., Aksenova, E.K.,
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- No. 13, 1966. Trustment and processing of raw minerals.

 - Table of contents translated
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- No.14, 1966.
 Table of contents translated
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- *MOSKOVSKOE OBSHCHESTVO ISPYTATELEI PHIRODY Biulleten' [MOSCOW NATURAL ISTS' SOCIETY, Bulletin]. New scrites, vol. 71. Oldel geologichuskii [Geological Sertion] Moscow, vol. 41, no. 4, July-Aug.
- 1966.
 Table of contents translated.
 Valnovskii-Kriger, K.G. Outlines of lectonics of
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- PALEONTOLOGICHESKII ZHURNAL [PALEONTOLOGI CAL JOURNAL]. Issued by Akademita nank SSSR [Academy of Sciences of the U.S.S.R.]. McGCOW, по, 4, 1966,
 - Table of contents translated
 - Flerov, K.K., Troftmov, B.A. With Aleksanth ovi Orlov, 1893-1966, p. 3. Bodarenko, O.B. Ways of development of Tabulata.
 - Sobetskii, V.A. Pateobiological facies and method ology of their separation, as revealed by study made in Cenomanian basin in southwestern part of Russian Platform p. 19.
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- SOVETSKAIA GEOLOGIIA [SOVIET GFOLOGY]. Organ of Gosudar stvennyl geologicheskii konitet SSSR [State Geological Committee of the U.S.S.R.], Moscow, vol.9, no.11, Nov.1966.

 - cow, vol. 9, no. II, Nov. 1965.

 Table of contents translated
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- AKADEMIIA NAUK TURKMENSKOI SSR, Ashkhabad, Izvestila. Serila fiziko-tekhnicheskikh, khimicheskikh i geologicheskikh nauk [ACADEMY OF SCIENCES OF THE TURKMEN S.S.R. Bulletin, Series in the Physical and Technological, Chemical, and Geological Sciences]. Asikhabad, no. 2, 1961.
 Table of contents translated;

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- Table of contents translated
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- Kots, V. G. Nature of the gravity anomaly of north-castern Turkmentstan. p. 49.
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- AKADEMHA NAVUK BSSR, Minsk, Doktady (ACADEMY OF SCIENCES OF THE WHITE RUSSIAN 3.5. R. Reports]. Minsk, vol 6, no.6, June 1962.

 - Table of contents translated
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- Vol.0, no.8, Aug. 1902
 Table of contents translated:
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 Table of contents translated
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 - Lukashev, K.1, Kuznetsov, V.A. Distribution of the tron group elements of sandy sediments in the southeastern part of the White Russian S S R
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 - Effect of deformation rate on structural changes in itanium. p 941.

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- EESTI LOODUS [ESTONIAN NATURE], Issued by Eesti NSV Teaduste Akadeemia [Academy of Sciences of the Estonian S.S.R.]. Tallinn, no. 6, Nov. Dec. 1966; no.1, Jan. Feb. 1967. [In Estonian]
- FAN VA TURMUSH [SCIENCE AND LIFE]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S.S.R.]. Tashkent, nos.11(148)-12(146), Nov.-Dec. 1988, [In Uzbek]
- KHIMHA I ZHIZN' [CHEMISTRY AND LIFE]. fsaued by Akademila nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol.3, no.1, Jan. 1987.
- MIROVOI TSENTR DANNYKH B1. Katalog publikatsii [WORLD DATA CENTER B1. Catalog of Publications] July-Dec. 1962; Jan. June 1965; July-Dec. 1965. Moscow, no.8, 1962; no.13, 1995; no.14, 1960.
- NAUKA I SUSPIL'STVO [SCIENCE AND SOCIETY], Issued by Tovarystvo "Znannia" Ukrains'koi RSR ['Znannia" Society of the Ukraintan S. S. R.], Kiev, vol.16, nos.1-2, Jan.-Feb. 1967,
- NOVOSTI AMERIKANSKOI NAUKI I TEKHNIKI [NEWS OF AMERICAN SCIENCE AND TECHNOLOGY]. Is-sued by Amerikanskoe posof'sivo [U. S. Embrasy]. Moscow, no. 25 [n.d.]

- NOVYE KNIGI ZA RUBEZHOM, Sertia A. Matematika, mekhanika, astronomila, geofizika, fizika, lihimlia, geologia, firicheskaia geografiia [NEW FOREIGN BOOKS, Series A: Mathematics, Mechanics, Astron-omy, Physics, Geophysics, Chenistry, Geology, Physical Geography], Moscow, vol 20, no.1, Jan.
- PRIRODA [NATURE]. Issued by Avademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 55, no. 12, 1966,
 - Table of contents translated:
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- ZNANIE SILA [KNOWLEDGE IS POWER]. Organ of Gosudar streamy komitet po professional no-teknotcheskomu obrazovaniu pri Gosplane SSER Istate Committee for Industrial Training, Attached to the Sinte Planning Committee of the U.S.S.R.]. Moscow, vol. 42, no.1, Jan. 1967.
- ZNANNIA TA PRATSIA [KNOWLEDGE AND WORK]. Issued by Tšentral'nyi komitet Lenins'koho komu-nislychnoho soluzu molodi Ukrahny [Contral Com-mittee of the Ukrahnan Communist Youth League of Lenin]. Kiev, no. 1(323), Jan. 1967.

b. ASTRONOMY

- AKADEMIIA NAUK SSSR. Mezhduvedomstvennyl geofizicheskil komitet. Esledovanie meteorov [ACADEMY
 OF SCIENCES OF THE U.S.S.R. Interdepartmental
 Geophysical Committee.
 Moscow, no. 2, 1987.
 Contonts: Kashcheev, B. L., Lebedinets, V.N.,
 Lagutin, M. F. [Meteoric phenomena in the earth's
 atmosphere] Meteornye lavleniia v atmosfere Zemll. 259 p.
- ASTRONOMICHESKII TSIRKULIAR | ASTRONOMICAL CIRCULAR]. Published by Biuro astronomicheskikh soobshchenii Akademii nauk SSSR (Bureau of Astronomical Information of the Academy of Sciences of the U.S. S.R.]. Kazan, no. 306, Oct. 1964.

 Table of contents translated:
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- * ASTRONOMICHESKII ZHURNAL (ASTRONOMICAL JOURNAL | Issued by Akademila nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol.43, no 6, Nov.-Dec.1966.
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- ETALONNOE VREMIA V SREDNIE MOMENTY PERE-DACH RADIOSIGNALOV [OFFICIAL TIME AT MEAN MOMENTS OF RADIO SIGNAL TRANSMISSICNS]. Issued by Vescoluzuyi nauchno-issaledovatol'skil institut fiziko-tekhnicheskikh i radiotekhnicheskikh iz-meronii [All-Union Scientific Research Institute of Physical and Radio Measurements]. Moscow, June July 1966.
- MIROVOI TSENTR DANNYKH BI, Katalog dannykh po raketam i sputnikam [WORLD DATA CENTER BI, Catalog of Data on Rockets and Satellites], Jan. -June 1966, Moscow, Aug. 1966,
- *RUSSIA (1923- U.S.S.R.) Ministersive vyssinged i srednego spetsial nogo obrazovania. Izvesilia vyssakh uchobnykh zavedenil; geodezila i nerofotos emka Ministry of Higher and Secondary Specialized Edu-cation, Bulletin of the Institutions of Higher Learning, Geodesy and Aerial Photography]. Moscow, 10.3, 1962.
- Table of contents translated; Liuts, A.F. Calculation method and the accuracy of geodetic work in building bridges, p.3.

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- Table of contents translated:
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- ments of the earth's crust. p. 3.

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- AKADEMHA NAUK SSSR, Izvestila. Seriia biologicheskala [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin, Biological Series], Moscow, vol.28, no.3, May-June
 - Table of contents translated;
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- AKADEMIIA NAUK SSSR. Institut genetiki. Trudy [ACAD-EMY OF SCIENCES OF THE U.S.S.R. Institute of Genetics. Transactions]. Moscow, no. 26, 1962.
- Table of contents translated.
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- AKADEMIIA NAUK SSSR, <u>Murmanskili morskot biologi-cheskil institut.</u> Trudy <u>ACADEMY OF SCIENCES</u>
 OF THE U.S.S. R. <u>Murmansk Marine Biology Institute.</u>
 Transactions]. Moscow, no.12(6), 1966. Table of contents translated
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- migratory salmon. p.7.

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- AKADEMIIA NAUK SSSR, Ural'skii filial, Sverdiovsk, Institut biologii, Trudy ACADEMY OF SCIENCES OF THE U S.S.R. Ural Branch. Institute of Biology, Transactions), Sverdiovsk, no. 48, 1988.
 Contents. Gorchakovskii, P. L. [Flora and vegetation of the Ural highlands] Flora i restitel'nost' vysokogorii Urala, 270 p
- No. 49, 1966,
- Table of contents translated: Amstislavskii, A. Z. Materials on morphology and ecology of Osmerus eperlanus dentex Steind from
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 - Table of contents translated;
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- *BIOFIZIKA (BIOPHYSICS). Issued by Akademila nauk 888R [Academy of Scionces of the U.S.S.R.] Mos-cow, "ol.8, no.5, 1963
 - Table of contents translated
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- *BIOKHIMHA [BIOCHEMISTRY]. Published by Akademilia nauk SSSR [Academy of Sciences of the U.S. S.R.]. Moscow, vol. 27, no. 5, Sep. -Oct. 1962.
- Table of contents translated:
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 information reconnected and their com-
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- catalyzing the amination of pyruvic acid and its coorzymes, p. 889.

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- Vol. 28, no. 2, Mar. Apr. 1963.
- 1, 20, no. 2, MIT. APP. 1999.
 Table of contents translated:
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- Vol 31, no. 6, Nov -Dec 1966
 Table of contents translated;
 Gluodman, L. M., Mai'tsev, N. I., Otekhovich, V B
 Ability of carboxypeptidase A to catalyze reactions
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 Polygen A S. Williams C. C. W.
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- BIOLOGICHESKIE RESURSY VODOEMOV MOLDAVII GEOGRAPHES RESURTS YOLOGEMOY MOLDAVII [BIOLOGICAL RESOURCES OF THE BODIES OF WATER OF MOLDAVIA]. Issued by Institut zoologii Akademii nauk Moldavskoi SSR [Institute of Zoology of the Academy of Sciences of the Moldavian S.S. R.]. Richinev, no. 4, 1968.
 - Kishinev, no. 4, 1966,

 Table of contents' translated;

 Byzgu, S. E., Kozhukhar', J. F., Gorbaten'kii, G. G.
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- aspects of genus Paramysis (Czern.) In bodies of water in Dniester basin. p. 50.
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- Gorbaten'kli, G. G. Manufacture and use of a holder for determining primary production of organic matter in bodies of water, p. 100,

- BIOLOGIA V SHROLE [BIOLOGY IN SCHOOLS]. Organ of Ministersive presveshchenila RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, no. 1, Jan. -
- *FIZIOLOGICHESKII ZHURNAL SSSR [PHYSIOLOGICAL JOURNAL OF THE U.S.S.R.]. Issued by Vessiuznoe fiziologicheskoe obshchestvo [All-Union Physiological Society]. Moscow, vol. 48, no. 10, Oct. 1902.
- Table of contents translated

 Sminov, GD, Illuchenok, R RJ. -Cholmergic
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- on the oxygen tension in train the base of the to great heights, p 1203.

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- Ivanov, K.P. Physiological mechanism of chemical thermotegulation. p.1225.
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- Chagovets, N.R. Effect of 3, 4-dinitrophenol on the resynthesis of phosphocreatine and glycogen in the muscles during the period of rest after work.
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 Mamonets, T.M. Electrical potentials of the degenerating dorsal spinal cord root in cats.
- n. 1270.
- Medelianovskit, A. N., and others. Methodology for the excision of a portion of the myocardium in a determined phase of the cardiac cycle for subsequent biohistochemical and autoradiographic examination, p 1277.
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- IRKUTSK, UNIVERSITET, Blologo-geograficheskii na-uchno-issiedovatof skii institut, izvestiin [UNIVER-SITY, Blogeographical Scientific Research Institute, Bulletin] Vol.18, no.1/2, 1065.
 - Table of contents translated. Kozhov, M. M. - Study of plankton in Lake Balkal
 - Vasil'eva, G.L. Zooplankton of Lake Ordynskoye, p 18. Izhboldina, L.A. - Benthic macrofiora in open Lake
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- IUNYI NATURALIST [YOUNG NATURALIST]. Issued by TSentral'nyi komitet Vsesoiuznogo Ioninakogo kom-munisticheskogo soiuza molodezhi and Ti entral'nyi sovet Vacaotuznoi pionerakoi organizatati i imeni V. t. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, nos. 8, 11, 1966, no. 1, 1967.
- MIKROBIOLOGICHNYI ZHURNAL JJOURNAL OF MICRO-BIOLOGY). Issued by Instylat mikroblobyli Akademil nauk URSR [Institute of Microbiology of the Academy of Sciences of the Ukrainian S. S. R.]. Kiev, vol. 28, no.6, 1966.
- Table of contents translated:
 Bilal, V.I. In Memory of Academician Daniil Klrillovich Zabolofnyi, the 100th analyses are of his birth.
- Belliukova, K.H., Korollova, I.B., Samolicuko, V.I. Framycin effect on phytopathogenic bacteria in vitro.
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- *MIKROBIOLOGIIA [MICROBIOLOGY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol.31, no.2, Man.-Apr. 1982. Table of contents translated: The business of all the party is the business of all the people. p. 1-II. Doman, N. G., Romanova, A. K., Terent'eva, Z. A. Studies on the products of assimilation of carbon C¹⁴ by Rhodopsoudomonas issatchenkei relict bacteria. p. 193.
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- MOSCOW, NAUCHNO-ISSLEDOVATEL'SKII INSTITUT VIRUSNYKH PREPARATOV, Tiudy SCHENTIFIC RESEARCH INSTITUTE OF VIRUS PREPARATIONS, Transactions]. No.3, 1965.
- Transactions). No. 3, 1995.

 Table of contents translated

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- MOSCOW, UNIVERSITET, Vestnik, Sertia 6 Biologila, pochvovedenie [UNIVERSITY, Review, Series 6, Biology, Soil Science], Vol. 21, no. 4, July-Aug. 1966.
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 Table of contents translated:
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- RADIOBIOLOGIIA [RADIOBIOLOGY] Issued by Mademita nauk 988R [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 6, no. 5, 1966.
- Table of contents translated Luckhov, V. N., Froshlung, F.V., Intermolecular reactions in thermal inactivation of irradiated trypsin solutions. p 841
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- Annervov, B. N. Faster elimination of strontium-90 from mammalian organism. p. 753.

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- V G Marrow decastation as a quantitative exterior monor radiation domage. Report No. 1: Time selection for plotting curves dose-effect p 779. Strazhevskam, N.B., Struchkov, V.A., Kalendo, GS Initial ionizing radiation damage of nuclear structures.
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- Bichekina, N.I., Romantsev, E.F. Effect of radio-protective preparations on respiration of liver and brain mitochondria in rabbits p. 880. Makhalova, O.K., Mozzhukhin, A.S., Bertash, V.I. -Effect of cystamine on changes in white blood of dogs following sublethal X-ray irradiation. p. 883. Graevskii, E.IA,, Faleeva, Z.N., Flerova, N.K. -Radioprotective effect of cysteamine following ionizing bradieting of leads page. m. p. 886.
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- RASTITELINYE RESURSY [PLANT RESOURCES]. Issued by Akademiia mank SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 2, no. 4, 1966. Table of contents translated.
 - Musaev, I. F. Mapping the ranges of medicinal plants of the flora of the U. S. S. R. (taking into account
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- TSENTRAL'NO-CHERNOZEMNYI GOSUDARSTVI NNYI ZAPOVEDNIK, Trudy [CENTRAL BLACK EARTH PRESERVE, Transactions]. Kursk, no. 4, 1957.
 - Table of contents translated: Zozulin, G. M. Effect of various grass types on growth and development of oak during its first
- years. p. 3. Koriakin, D. A. Materials on natural thinning of dense oak plantations. p. 37.
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- *TSITOLOGIIA [CYTOLOGY]. Issued by Akademilia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol.8, no.5, Sep. Oct. 1966.

 - cow, vol.8, no. 5, Sep. -Oct. 1966.

 Table of contents translated:
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- TYUMEN', GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT, Uchenyo zapiski STATE PEDAGOGICAL, INSTITUTE, Studies], Vol.24, 1963. Kafedia voologil [Department of Zoology], no. 2.
 - Table of contents translated Siastenina, E.S. Ecology and injuriousness of Eliobius taipmus Pall. In fields and pastures of Klightzia, p. 3.
- UKRAINS'KYI BIOKHIMICHNYI ZHURNAL [UKRAINIAN BIOCHEMICAL JOURNAL] Published by Instylut Blokhimi Akademii nauk URSR [Institute of Biochemistry of the Academy of Sciences of the Ukrainian S. S. R.], Kiev, vol. 38, no. 6, 1966.
- Table of contents translated.

 Panov, A.N., Fonyo. A. Effect of conticosteroid hormones on NAD. Hg oxidase activity in brain and heart mitochondria of tats. p. 567.

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- Herasymova, V.V., Gol'dshlein, B.I., Rud', S.H. Fragmentation of liver DNA as related to animal
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- UKRAINS'KYI BOTANICHNYI ZHURNAL [UKRAINIAN BOTANICAL JOURNAL]. Issued by Instylut botaniky Akademii nauk URSE [Botanical Institute of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 20, no. 1, 1963.
 - Table of contents translated.

 Bannikuva, V. P. Cytoembryology of remote hybrids.

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- Report No. 1. Emm yogenesis in the crossing of durum wheat and 190. p. 3.
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- Kalinin, F. L., Ponomar'ov, H.S. Effect of simazine on pigments and carbohydrate metabolism in plants, р, 52.
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- *USPEKHI SOVREMENNOI BIOLOGH [PROGRESS IN CONTEMPORARY BIOLOGY], Issued by Akademifa nauk SSSR [Academy of Sciences of the U. 8 S.R.]. Moscow, vol. 62, no. 3(0). Nov. Dec. 1966.
 - Table of contents translated
 Bellaeva, E. M., Mazurli, V. K. Enzymatic regulation of DNA biosynthesis in organism. p. 313.
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- Studitskil, A. N. Ribesome apparatus and its possible
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- *VOPROSY VIRUSOLOGII [PROBLEMS OF VIROLOGY]. Issued by Ministersivo zdravovkimmentin SSSR (Ministry of Health of the U.S.S. R.]. Moscow, vol.8, no.4, July-hug. 1969.
- Table of contents translated: Gamburg, V.P. Interferon and some problems of viral interference, p. 387.

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- Vilenchik, M. M., and others. Use of target theory
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- ZHURNAL OBSHCHEI BIOLOGII [JOURNAL OF GENER-AL BIOLOGY]. Issued by Akademilia naul SSSR [Academy of Sciences of the U.S.S.R.]. Moscow,
 - An Indicatory of Sciences of the U.S. S.R., j. Moscow, vol. 28, no.1, Jan. Feb. 1867.

 Table of contents translated:
 Zaslayskii, V. A. Reproductive soff-destruction as ecological factor, ecological aftereffects of genetic population relationships. p. 3.

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 - Zotina, R.S., Zotin, A.I. Quantitative relationship between weight, length, age and size of eggs and animal fertility. p. 82.

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- ZOOLOGICHESKII ZHURNAL [ZOOLOGICAL JOURNAL]. Issued by Akademilia mank SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 46, no. II, 1986.

 - ences of the U.S.S.R.]. Moscow, vol. 45, no. 11, 1906.

 Table of contents translated'
 Masimovich, A.A. Ecologic altoreffects of introduction of a new species into continental biocenosis;
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 - Stepan tants, S.D. Characteristics of life cycle and development of Siphonophora in relation to some problems of the evolution of this group of animals.
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a CHEMISTRY

- AKADEMIIA NAUK KAZAKIISKOI SSR, A<u>lma-Ata. Insti</u> tut khimteheskikh nauk. Trudy [ACADI'MY OF SCI-ENCES OF THE KAZAKII S.S. R., I<u>nstitute of Chemical</u> Sciences, Transactions], Alma-Ata, vol. 11, 1986, Catalysts (or Ilquid phase hydrogenation).
- Table of contents translated Sokol'skii, D.V. Studies of the Finetics and catalysis in Alma-Ata p.3.
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- *AKADEMIIA NAUK SSSR. Izvestiia. Neorganicheskie materialy [ACADEMY OF SCIENCES OF THE: U.S.S.R. Bulletin. Inorganic Materials]. Moscow, vol. 2, no. 11, Nov. 1966.
 - Table of contents translated: Andrianov, K. A., and others. Poly(diorganophos-phonyl) titanoxane oligomers. p. 1913.

- Bol'shakov, K. A., and others. Mechanism of co-
- Bol'shakov, K. A., and others. Mechanism of coprecipitation of antimony and germanium in todide process. p. 1921.
 Lev, E. IA., Sysoeva, L. M., Kolomoets, N. V. Action of imputities on the concentration of current carriers and their mal resistance of germanium telluride lattice. p. 1925.
 Kalitin, V. I., IA embash, E. I., Luzhnaia, N. P. Phase data; am of the pracedymium-scientum system. p. 1930.
 I'm, IU. L., Sorokin, V. S., IAs'kov, D. A. Effect of cortain footors on the process of formedion and
- certain factors on the process of formation and
- growth of gallium phosphide ingots. p. 1939.
 Ugal, IA, A., Bitiutskaia, L. A., Guiza, L. F. Temperature dependence of the clasticity of indium phosphide dissociation. p. 1944.
 Korsunskala, N. E., and others. Preparation and semiconductor properties of In₄S₅ single crystals.
- n. 1948.
- Glazov, V. M., Glagoleva, N. N., Romantseva, L. A. Change of short-range order structure in melts formed by magnesium compounds with group
- IV elements on heating, p. 1953. Nikitin, E. N., Zaitsev, V. K. Electric and thermal properties of solid solution Mg₂Si Mg₂Sn.
- Loshakova, G. V., and others. Preparation and some properties of semiconductor compounds ZnSnP2
- properties of semiconductor compounds 2nSnP₂
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 Kuchma, A. IA., Samsonov, G. V. Formation of stable electronic conflgurations and some physical properties of carbides and nitrides of transition metals in the region of their homogeneity p. 1970.

 Kuz'ma, IU. B., Nych, O. V., Skolozdia, R. V. System molybdenum cobalt boron, p. 1975.

 Markiv, V. IA., Lysenko, L. A., Gladyshevskii, E. I. System ittanium iron sillicon, p. 1980.

 Bedalkov, P. P., Kulikova, N. V. Preparation and properties of barium silicates and aluminates, p. 1985.

- b. 1985.
- p. 1985.
 Bazhenova, J., N., and others. Microhardness of oxides of some elements, p. 1991.
 Davitan, I. A., Keler, E. K., Ghishkova, V. B. Effect of additions of germantum dioxide and yttrium and neodyntum germanates on polymorphism of
- zirconium dioxide. p. 1998. Bessonov, A. F., Shalagmov, V. N., Taksis, G. A. -Complex study of processes taking place during
- Complex study of processes taking place during heating of a mixture of zinconium dioxide with calcium carbonate. p. 2003.

 Rode, C. IA., Karpov, V. N., Eliseev, A. A. Phase diagrams of systems Nd₂(WO₄) SrWO₁ and NaNd(WO₄) Sr WO₁. p. 2007.

 Dickovskala, O. S., Klimov, V. V., Venevtsev, IU. N. Structure and dielectic properties of solid solutions in the system. PM Leader of the control of the system of
- structure and discretic properties of solid soli-tions in the system PbLi_{1/3}NB_{1/3}Ni₃O₃ Pb₂CdWO₆ . p. 2010.
 Bukhalova, G. A., Mai dirosova, I. V. Complex formation in binary systems consisting of alkali metal fluorides and metaphosphates, p. 2015.
- IUtina, A. S., Zhu'kova, Z. D., Lysak, S. V. Interaction of phosphoric acid with some forms of alumina. p. 2020.
- Botvinkin, O. K., Denisenko, O. N. Ion exchange and
- Bevinkin, O. K., Denisenko, O. N. Ion exchange and increase in glass strength. p. 2020.
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- Abrikosov, N. Kh., Bankina, V. F., Change in heat conduction of crystal lattice in the process of ordering of DigTegSe compound. p. 2070.

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 Table of contents translated.

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 - Makarov, E.S , and others. System Mg2Sn Mg2Ge.
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- *ELEKTROKHIMMA [ELECTROCHEMISTRY] Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 2 no 11, Nov 1966.
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- *KHIMHA PRIRODNYKH SOEDINENH [CHEMISTRY OF NATURAL COMPOUNDS]. Issued by Akademita nauk Uzbekskol SSR [Academy of Sciences of the Uzbek S. S. R.]. Tashkent, no. 5, 1966.

 - Table of contents translated Ovodov, IU S., Solov'eva, T.F. Polysaccharides of Panay ginseng. p. 299. Dranik, L. I. - Spectral study of phenolearboxylic

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- KHIMIIA V SHKOLE [CHEMISTRY IN SCHOOLS]. Issued by Ministersivo prosveshchenia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol.22, no.1, Jan. 1967.
- *KOLLOIDNYI ZHURNAL [COLLOID JOURNAL]. Issued by Akademita nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 28, no. 6, Nov. Dec. 1986.
 - Table of contents translated: Averbalh, K.O., and others, Water sol formation in hydrocarbon medium at low temperatures.
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- *KRISTALLOGRAFHA [CRYSTALLOGRAPHY] Issued by Akademila nauk SSSR [Academy of Sciences of the U.S. S. R.]. Moscow, vol.11, no.6, Nov.-Dec. 1966.
- Table of contents translated
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- *MOSCOW, UNIVERSITET, Vestnik, Scrita 2 Khimita [UNIVERSITY, Review, Serios 2 Chemistry], Vol.17, no.5, Sep. Oct. 1962,
- Table of contents translated
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- Liu Ch'un-wan, Tatevskii, V.M. New regularities in lowest excited electron levels and electronic transitions in spectra of polynuclear aromatic hydrocarbons, p. 90.
- ROST KRISTALLOV [GROWTH OF CRYSTALS], Issued by institut kristallografii Akademii nauk SSR [Institute of Crystallography of the Academy of Sciences of the U.S. S. R.]. Moscow, vol. 5, 1965.

 Table of contents translated:
 Chernov, A.A., Liubov, B.IA. Some aspects of theory of crystal growth. p. II.
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- *UKRAINSKII KHIMICHESKII ZHURNAL [UKRAINIAN CHEMICAL MURNAL], Issued b Atademiti naul URSR [Academy of Sciences of the Utininian S. S.R.]. Kiev, vol 32, no 12, 1966
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- Moscow, vol. II, no 6, 1966

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- *VYSOKOMOLEKULIARNYE SOEDINENIIA [MACRO-MOLECULAR COMPOUNDS). Issued by Akademita nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 4, no. 11, Nov. 1862.

 Table of contents translated
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- M. 8, no. 10, Oct. 1966, Table of Contents translated; Mekhileva, S. I., Aldinov, D. Sh., Allov, G. M. Heat conductivity of amorphous scienium in region of softening, p. 1665, Paushkin, IA. M., Aleksandrova, V. A. Polycondensa-tion of p-phenylenediamine with tetrabromocthane, p. 1669.
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- Bugal, P. M., Konel'skaia, V. N., Timoshevskaia, N. M. Spectrographic study of products of polycondensation of dicthylol terephthalate with various com-
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- *ZHURNAL ANALITICHESKOI KHIMII [JOURNAL OF ANALYTICAL CHEMISTRY] Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 21, no. 10, 1060,

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- Kharitonov, IU. IA., Fystaf'eva, O. N., Baranovskii, I.B. Pifraced absorption spectra of aqueous solutions of tetracy mo complexes of platlaum.
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- Golzburg, S. I., 107 kb, M. I., Follman, T. A., Factorion of ruthentum compounds with sulfarte at th. p. 2551. Ginzburg, S. I., 107 kb, M. I., Follman, I. A. Green ruthentum sulfate, p. 2554. Pichkov, V. N., Zviaginteev, O. E., Shiiteya, N. M. Nito osonitro complex compounds of ruthentum. p. 2560.
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- ions. p. 2652,
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 Belova, V. I., Syrkin, IA. K. Magnetic susceptibility of some compounds of divalent platinum. p. 2072.
 Belova, V. I., and others. Magnetic susceptibility of isomeric compounds of tetravalent platinum.
- p. 2074. Alieva (Tupitsyna), V.I. Reminiscence of work in Professor A. Weiner's laboratory. p. 2676.

- *ZHURNAL ORGANICHESKOI KHIMII (JOURNAL OF OR-GANIC CHEMISTRY]. Issued by Akademita nauk SSSR [Academy of Sciences of the U.S. S.R.] Moscow, vol.2, no.11, Nov. 1966.
- vol.2, no.11, Nov. 1990.

 Table of contents translated

 Gren, E. IA., Vanag, G. IA. Calculations based on the

 MO LCAO method and acidity of diketone and enol

 forms of various μ-dicar bonyl compounds. p. 1905.

 Gren, E. IA., Vanag, G. IA. Calculations based on the

 MO LCAO method and electronic spectra of anion

 forms of unsubstituted and 2-phenyl substituted

 1.2 millstones. p. 1911. 1,3-diketones, p. 1911. Golubev, V. A., and others, - Electron exchange inter-
- action in Iree immovyl tetrar adleals of hiphenyl
- series. p. 1916.
 Nikitin, G. I., Vinogradov, M. G., Kereselidze, R. V. Orientation of free radical addition to 1-alkenes.
- Boiko, IU. A., Kupin, B. S., Petrov, A. A. Acid hydration and nucleophilic addition of alcohols and
- mor captans to an ylatkythitoacetylenes. p. 1923.

 Perepeikin, O. V., Ballan, Kh. V. Synthests and properties of allene hydrocarbon derivatives.

 Part 9. Interaction of lithium allenes and alkythitium
- adducts with enyne alcohols and carbonyl compounds. p. 1928.
 Che hasov, L. N., Bal'ian, Kh. V., Kormer, V. A. Synthesis and properties of allene hydrocarbon derivatives, Part 10; Interaction of dimethyl-vinylacetylonecarbinol with organolithism com-possible of aromatic and heterocyclic series,
- Cherkasov, I., N., Baltan, Kh. V., Kormer, V. A., Synthesis and proporties of allene hydrocarbon derivatives. Part 11 Addition of organolithium compounds to vinylphenylacetylene and vinylativities of the proposed in 1922.

- compounds to vinylphenylacetylene and vinylai-kylacetylenes, p. 1938.

 Razumovskii, S.D., and others. Ozontzation of 1-hevene and properties of ozonides. p. 1942.

 Petukhova, N. P., Prilezhaeva, E., N. α, β Unsaturated thiol acetates. Part I. Vinylthiol acetate in homolytic addition reactions. p. 1947.

 Petukhova, N. P., Prilezhaeva, E. N. α, β Unsaturated thiol acetates. Part 2: Vinylthiol acetate in diene condensation. p. 1954.

 Vall'ay S. V. Bundlay O. T. Action of otherwey.
- m diene concensation. p. 1054.

 Vasil'ev, S. V., Burdelev, Q. T. Action of niti ogen oxides on bromo olefins. Part 2: Action of niti ogen terraoxide on isolutylene bromide. p. 1961.

 Vasil'ev, S. V., Bur delev, Q. T. Action of nitrogen oxides on bromo olefins. Part 3 Action of nitrogen terraoxide on α and β-bromostviene. p. 1965.

 Nikitin, V. I., and other s. Tei tiary tribyth ie alcohols of acetylenic and ethylenic series and their chemi-
- cal transformations. Part 35: Monuethers, their
- hydrogenation. p. 1985. Babaian, A. T., Marth oslan, G. T., Grigorian, D. V. -Amines and ammonium compounds. Part 39: Thermal and alkaline cleavage of quaternary ammonium salts containing substituted ethyl groups. p. 1974.
- Babaian, A. T., Tagmazian, K. TS., Ananian, E. S. -Amines and ammonium compounds. Part 40: Syn-
- Annes and annaonic component. Part 40, Synthesis of teritary amines containing α-substituted 4-penten-2-ynyl group, p. 1984.
 Bagdasarian, G. B., Indzhiklan, M. G., Babaian, A. T. Amines and ammonium compounds. Part 41:
 Alkaline cleavage of 1, 4-diquaternary ammonium saits containing 2-chloro-3-methyl-2-butenyl common group, p. 1987.
- Babalan, A. T., and others. Amines and ammonium compounds. Part 42. Alkaline cleavage of 1,4compounders, Part 42' Akaine Cleavage of 1, 4-diquators, Part 42' Akaine Cleavage of 1, 4-diquators, part 61, 1992.
 Mai etha, I. A., Petrov, A. A. - Enync and diyne anines. Part 6: Ethylene ynamines. p. 1994.
 Novozhilov, A. V., Miagkova, O. I., Preobrazhonskii, N. A. - Siudy of higher acids of aliphatic series.

- Part 19 Synthesis of tetra-4, 8, 12-decatriencic acid, p, 1907.

 Miagkova, G.I., and others. Total synthesis of 7, 10, 13, 16-decosatetraencic acid, p, 1998.

 Serebriakova, T.V., and others. Lipids. Part 42; New method of synthesizing neutral plasmalogens. p. 2004.
- Shurygin, V. E., and others. Reactions of some saturated monobasic acids with hydrogen peroxide

- saturated monobasic acids with hydrogen peroxide subjected to ultraviolet irradiation. p. 2007. Luknitskii, F. I., Yovsi, B. A. Synthesis and ι eactions of β-lactones, Part 2: Stability of β-trichloromethyl-β-propiolactone ring. p. 2012.

 Masili, L. K., Razbegaeva, T. P. N, N-dialkylamides of alkanesulfont acids. p. 2014.

 Termikov, T. I., Sharanin, IU. A. Interaction of metallic derivatives of compounds having mobile hydrogen atom with α-haloketones, Reaction of α-haloketones with Na-malononiti ite. p. 2018.

 Zinkovich, E. P., βarycheva, I. K., Proobrazhenskii, N. A. Macrocyclic compounds. Part 5: Directional Inner-molecular cyclization of α, ω-acetylene derivatives. p. 2021.

 Zinkovich, E. P., βarycheva, I. K., Proobrazhenskii, N. A. Macrocyclic compounds. Part 6: Synthesis of macrocyclic tempounds. Part 6: Synthesis
- N. A. Macrocyclic compounds. Part 6: Synthesis
- of macrocyclic ketones. p. 2026.
 Zinkevich, E. P., and others. Macrocyclic compounds.
 Part 7: Synthesis of cyclopentadecanone (exalton)
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- Belikova, N. A., Bobyleva, A. A., Piate, A. F. Con-versions of bridge bicyclic hydrocarbons. Part 5, Isomerization of methylbicyclo [2, 2, 1] heptanes in presence of aluminum chloride. p. 2031.
 Lipovich, V. G., Kazantseva, V. M. - Mechanism of conversions of cycloalkylaromatic compounds in
- presence of II, SO₄ studied by means of labeled atoms, p. 2035.
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 Razuaev, G. A., Ettis, V. S., Beshenova, E. P., later at the set large and second se
- Interaction of alkene oxides with hydroxyl radicals,
- Podberezina, A.S., Kheifits, L. A. Odorous substances from alkylphenois. Part 12; Synthesis of odor one substances from eyelooctylphenois. p. 2015,
- Kolmakova, E. P., and others. Pree radical addition
- Kolmakova, E. F., And others, Free radical addition of trichloromethyl sulfenyl chloride to vinylaryl ethers, p. 2048.
 Aul'chenko, I. S., Kheifits, L. A. Study of terpene phenols. Part 27: Condensation products of norbornene with guaracol. p. 2055.
 Kheifits, L. A., Aul'chenko, I. S., Shehegoleva, G. M. Study of terpene phenols. Part 28: Condensation products of camphene with gualacol and their hydrogenation. p. 2059.
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 Gugalova -Shemlakina, G. P., Andreev, V. M., Kazartan, S. A. Stereochemish y and reactivity of unsaturated compounds, Part 2 Synthesis and reactivity of γ -aldehydo acids of Δ³ -cyclohexene series, p, 2065, Lapkin, I. I. , Andreichikov, IU. S. - Chemistry of esters
- of keto acids of acetylene series. Part 6 Inter-action of phenylethynylglyoxalic acid esters with hydrazines, hydrazides, and hydroxylamine.

L. MATHEMATICS

- AKADEMIA NAUK GRUZINSKOI SSR, Tillis. Vychisittolinyi ischir. Trudy [ACADEMY OF SCIENCES OF THE GEORGIAN S. S. R. Computation Center. Transactions]. Tillis, vol. 3, 1902[cover 1903]. Table of contents translated;
 - Aleksidze, M.A. Generalization of Gershgorin's majorant method. p. 3.
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 - p. 81.
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- Vol. 6:4, 1986.
 - Contents Kharatishvili, G. L. [Optimal processes with delays Optimal nye proteessy s zapazdyvanilami, 81 p.
- AKADEMIIA NAUK SSSR. Komissiin po ekspluatatsii vychisiitei'nykh mashin. Voprosy matematicheskoi ekspluatatsii vychisiitei'nykh mashin [ACADEMY OF SCIENCES OF THE U.S. S.R. Committee on the Use of
 Computers, Problems of the Mathematical Use of
 Computers, Moscow, no. 2, 1966. Standartnye
 podprogrammy dlin mashin tha M-20 [Standard subprograms for the M-20 Computers], pt. 3. Linear
 Algebra.

 Table of contents translated
 - Table of contents translated:.
 - Table of contents translated;.
 Shura-Bura, M.R. Multiplication of matrices by
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- Shura-Bura, M.R. Multiplication of matrices.
- Shargina, T. A. Inversion of matrices, SP-0037.
- *DIFFERENTSIAL NYE URAVNENHA [DIFFERENTIAL CQUATIONS | Minsk, vol. 2, no. 9, Sep. 1966.

 Table of contents translated:
 Pluss, V.A. Theory of Invariant surfaces. p. 1030.
 Laptev, G.I. Problems involving eigenvalues for
 - second-order differential equations in Danac | a | 1
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 - solving mixed problems with mixed type boundary conditions. p. 1201. Salmanov, U. D. One inequality for functions from weight classes and for boundary value problems

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- EESTI NSV TEADUSTI, AKADEEMIA, Koberneelifa Instituut, Programmy dia ETSVM "Minsk 2" [ACADEMY OF SCIENCES OF THE ESTONIAN S. S. R. Institute of Cyberneties. Programs for the "Minsk-2" Digital Computers]. Talling, nos. 2-4,
- ISTORIKO-MATEMATICIIUSKIE ISSLEDOVANIIA [S PUD-IES IN THE HISTORY OF MATHEMATICS]. Moscow,
 - Table of contents translated Wussing, it. Genesis of the abstract conception of a
- washing, it. Genesis of the instruct conception of a group. p. 11.

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- IUshkovich, A. P. Conceptual development of the function. p. 123.
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- tions in the 17th and 18th centuries. p. 281.
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- *MIDER*(ETIFA [C1BERNETICS] Organ of Otdelenie matemath), met hunks t the meth that Abademii nauk Ukiamskoi SSR [Department of Mathematics, Mechanics and Otheratics of the Acidem, of Sciences of the Ukiatman S S, R] Kiev, no 6, Nov. Dec. 1966.
 - Table of contents translated
 Spiral, M. A. Some projecties of a set of automata
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 Contents of the magazine "Kibernetika" for 1966.
- p. 102,
- MATEMATIKA V SHKOLE [MATHEMATICS IN SCHOOLS]. Issued by Ministersivo prosveshchemia RSFSR [Ministry of Education of the R.S. F S.R.] Moscow, 10.1, Jan . Feb. 1967.

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al

ight

- Muharakzianov, G. M. Some theorems on soluble Lie algebras, p. 95 Mushtari, D. Kh., Sherstney, A. N. - Methods for
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- UKRAINSKII MATEMATICHESKII ZHURNAL (UKRAINIAN MATHEMATICAL JOURNAL]. Organ of instytut mate-matiki Akademii naul URSR [Institute of Mathematics of the Academy of Sciences of the Ukrainian S S.R]. Kiev, vol.18, no 6, 1966.
 - Table of contents translated

 Komarenko, A. N. Problem concerning eigenvalues

 with parameter in boundary conditions for elliptic equations degenerate in part of domain boundary
 - Kot omyslichento, V. D. Direct and inverse problems
- NOT OMYSTICHERSO, V. D. Direct and Inverse problems of V. A. Markov in complex region, Part II, p. 12. Sank, E. M. Regular approximation of solutions to complex elliptic equations of any order. p. 20. Samollenko, A. M. Reducibility of system of ordinary differential equations near smooth integral manifold, p. 41. Sorokina, N. G. - Strong solubility of Tricomi problem.
- p. 65.
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- Tamrazov, P. M. Continuity of certain conformal invariants, p. 78.

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- VYCHISLITEL'NAIA MATEMATIKA [COMPUTER
- YCHISLITEL'NAIA MATEMATIKA [COMPUTER MATHEMATICS] Klev, no. 2, 1986

 Table of contents translated Ivanov, V. V., Zadiraka, V. K. Some recent results in approximation theory, p. 3.

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- trol p 161, Velikoivanenko, l. M., Llashko, l. I. Numerical solution of some mixed boundary value problems
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- AKADEMIIA NAUK ARMIANSKOI SSR, Elivan Izventia, Fizika [ACADEMY OF SCIENCES OF FIFE ARMINIAN S.S. R. Belietin, Physics], Erivan, vol. 1, no. 2, 1966
 - Table of contents it anstate of:
 Moveesian, M. E., Chilingarian, IU, S., Badallan, N. N.,
 Studying spectral characteristics of attinulated ruby
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 - tory in strong magnetic fields. p. 66. Gevorkian, A. V. , Bagdasarian, R. V. , Melkonko, L. G. Effect of nature of solvent on intrinsic viscosity and size of polychloropiene macromote-
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 Temperature dependence of size of pulyethoroprine
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 - Avak'lants, G. M., Kanllazov, Sh. Theor y of dynamic
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- Additional, V. M. Electromagnetic oscillations of tesonance medium. p. 111.

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- in p-silicon. p. p215.

 Asatlani, T. L., and others. Possibility of measuring ionization of charged particles in attenuor chambei. p. 127.
- Vol. 1, no. 3, 1960.
- M. I. no. 3, 1990.

 Table of contents translated.

 Besirganian, P. A., Rapian, IU. A. Dependence of X-ray diffraction pattern of fibrous materials on incident direction of primary brain. p. 133.

 Besil ganian, P. A., Avundahian, V. L. Liffect of plezcolectric oscillations of crystal inities on infansity of ranging X-ray beam. Dat 1 1 n. 142.
- tensity of passing X-1 ay beam. Part 1. p. 147. Gevorklan, A. V. Conformation and thermodynamic properties of polychloroprone macromolecules in
- properties of polychloroprone macromolecules in solutions, p. 157. Avak'iants, G. M., Rakhimov, A. U. Effect of trapping levels on volt-ampere characteristic of semi-conductor diodo. p. 164. Avak'iants, G. M., Khashimov, G. Volt-ampere characteristic of diode with clamped rear contact.

- p. 170.

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- of plane symmetry. p. 186. Gevorkian, A. V. Temperature dependence of in-
- Govon ktun, A. V. Temperature dependence of in-trinsic viscosity of polychloroprene in poor and good solvents, p. 195. Gazazian, E. D., Kazandzhian, L. V. Spectrum and intensity of radiation from series of cylindrical bunches in optically active medium, p. 200. Durgarian, A. A., Badalian, E. S. Effect of exposure to light on internal friction in crystals, p. 203.

Vol. 1, no. 4, 1986.

Table of contents translated;
Gol'dman, I. I. - Unusual electrodynamics of particle with spin 1/2. p. 207.

Kocharlan, N. M., Pachadahian, Kh. B., Mkhitarian,
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- Bezirganian, P. A., Avundzhian, V. I. Effect of plezoelectric oscillations on intensity of X-ray scattering in second approximation. p. 227
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- Atak'lants, G. M. Passage of our rent through semi-
- conductors with impurities or defects producing deep levels, p. 248.

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- Afanas eva, E. A., Agababian, E. V. Operation of diamond nuclear particle counters at elevated temperatures, n, 261,
- Durgarian, A. A., Katagezian, A. A., Moysesian, K. O. "Cramer effect" in rubber, aluminum and copper.
- AKADEMIIA NAUK ARMIANSKOI SSR, Erikan Livestila. Mekhanika [ACADEMY OF SCIENCES OF THE AR-MENIAN S. S. R. Bulletin, Mechanica], Erivan, vol. 19, no. 2, 1966.
 - Table of contents translated Ambartsumfan, S.A. Equations of plane problem of different resistivities of modularity theory of clasticity, p. 1. Sirkasian, V. S. - Convergence of small parameter
- Strkastan, V. S. Convergence of small parameter wethod in solution of problem of bending non-orthotropic clamped plates, p. 20.
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- of shells of revolution. p. 57.
- *AKADEMHA NAUK SSSR, Livestifa Scrita flylchessala [ACADEMY OF SCIENCES OF THE U.S. S. R. Bulletin. Physical Series]. Moscow, vol 30, no. 12, Dec. 1906 Table of contents translated. [Aswopal'skit, N. L., and other 4. Studying secondary emission from porous emitters, Intensified by
- omission from porous emitters, incremited by effective field p 1982

 Tiotikov, A.M., Character latics of secondary electron emission from layers of beryfluon oxide on alloys subjected to selective oxidation p 1880

 Tiuttkov, A.M., Change in characteristics of
- Tullion, A.M. Change in characteristics of beryffium oxide layers brought about by an electron beam p.1895
 Tolaygo, L.I., Tolaygo, K.B., Shelakman, M.K. Auger -mechanism of electron emission from semifconductors and delectries p.1901
 Kopey, V. Anomalous secondary electron emission from atkalf halids dielectries in ultrasonic fields Daries and one of the control of the cont

- from atkall halide dietectrics in ultrasonic fields Part 2 p. 1906.
 Serebrov, L.A., Ulkin, K.G. Potential relief of rectangular change spots on dietectrics, p. 1912.
 IAvitaskit, IU N., Trubulkov, B.A., Eresin, V.F., Neutralization of protons passing through thim metallic foits, p. 1917.
 Sokof'skaia, L.L., Zubenko, IU V. Studying adsorption of gold on tungsten in field emission microscope p. 1921.
 Getgor'ev, N.N., Dykman, I.M., Tomchuk, P.M., Emission of hot electrons from nolar semiconductors with nonparabolic dispersion, p. 1927.
 Vasif'ov, V.P., Lutsenko, I.M., "Dee of radioactive tracer method in studying evaporation of barbum oxide from various backings.

- oxide from various backings p 1930
 Shuppe, G N Fnission parameters of faces of tangsten, nodybdenom, and tantalam single crystals (pure and inpute) p 1935.
- Gorbatyl, N.A., and others. Thermionic emission
- Goroatyl, N.A., and others. Thermionic emission from hadmium and zirconium carbides p 1942.
 Staianov, P.A. Drift of chectron microscope stage and possible ways for its climination p.1950.
 Ivanov, V.G. Using field emission interescope in studying germanium surface p.1954.
 Kleint, Ch. Some fluctuation processes cheer ved in field emission microscope in adsorption of company baths foregrafter selections.
- copper phthalocyanine molecules p. 1957 Sokol'akain, I. L. Work function of covered surface.
- Martynenko, IU. V Augular dependences of sputter ing and ion election emission from single crystals,

- p.1974.
 Parills, E.S., Turaev, N.W. Theory of reflection of atoms from solld surfaces. p.1983.
 IAkoviev, L.G., Girin, I.A. Algorithms for computing particle scattering. p. 1986.
 Arlfov, U.A., and others. Scattering of alkali ions by surface of tungsien single crystals. p. 1995.
 Alukhanov, A.Kh., Abdullaeva, M.K. Negative ion sputtering of solid surfaces under ion bombardment, p. 2800. p. 2000. Comea, G. - Momentum transfer under ionization

- Comba, G. Momentum transfer under ionization tempact in their gases. p 2008. Basharov, R., and others. Origin and characteristics of cathode spots in impulsive discharge, p. 2013. Adamchyk, V K. Photoelectric characteristics of cadmium scientide in ultraviolet region of spectrum.

- Daniel, H., Jahn, P., Todt, V. Frecision measure ments of conversion electron spectrum with the new Heldelberg β spectromater focusing at an angle of $\frac{\pi}{2}\sqrt{13}$ p. 2022.

- angle of 2 v to p and analysis of collective states of deformed nuclei in 176, Ac190 region p. 2025
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 Agent, V. A., and others Spectrum of ¹⁸⁴Re conversion electrons in region above 750 Ker. p. 2037
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- AKADEMIA NAUK SSR, Institut fiziki Zemil, Trudy [ACADEMY OF SCHNCES OF THE U.S.S.R. Institute ACADEMY OF SCILNCES OF THE U.S.R. Institute of Physics of the Earth. Transactions I. Moscow, no. 37(204), 1986. Electric and mechanical properties of rocks under high pressures.

 Table of contents translated Voiarovich, M.P. - Studying physical proporties of rocks under high pressures and at high temperatures p. 5.

 Brick, E. C. - Elastic wave velocity in specimens of eruptive and mechanorphic rocks under pressures of up to 4000 kg-wi. p. 18.

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 Volarovich in Intusive rock specimens of Central Kazakhstan under hydrostatle pressures, p. 40.

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- of the Carpathlan Mountain region, tested under high pressures p.149. Stakhovskala, Z. t. Effect of temperature on the clasticity modulus of rocks under high pressure.
- Stakhovskaia, Z. I., Tomashevskaia, I.S. Measuring stresses and deformations at high pressures and
- stresses and deformations at high pressures and temperatures. p. 180.

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- p. 192.
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 Volarovich, M. P., Bondarenko, A. T., Studying frequency dependence of electric properties of Kola Peninsula cruptive rocks. p. 200.
 Volarovich, M. P., Sobolev, G. A., Developing a pieroelectric method of prospecting for quartz

- percelectric method of prospecting for quartz and pegmatite veins in mines. p. 221, Volarovich, M. P., and others. Station PEEF-3 for search and prospecting for quartz veins in under-ground mine workings. p. 227. Parkhomenko, E. I., Uspenskaia, A. B. Measuring longitudinal and transverse piozoolectric effect of quartz and quartzite veins by the dynamic method, p. 232. p. 232,
- Sobolev, G.A., Uspenskria, A.B., Parkhomenko, E.I. Studying the piezoelectric field of quartz bodies by models as applicable to prezoclectric methods of prospecting. p. 243.

- AKADEMIIA NAUK SSR. Mezhdevedomstvennyi geofi-/icheskii komitet, III idzilel pi ogrunny MGG, Soor-nik stuet [ACADEMY OF SCIENCES OF THE U.S.S.R. Interdepartmental Geophysical Committee. 3d Section of the IGY Program, Papersi, Moscow, no. 3, 1966. Geomagnilnye issledovanila | Geomagnetic Rose trobl.
 - Table of contents translated
 Baraschapov, A.D., and others. Method of analytic
 representation of "instantaneous" fields of magnetic
 - nepresentation of "instantaneous" fields of magnet variations, p. 5.

 Mishin, V. M., Bazzi zhapov, A. D. Selection of spectrum of Legendre polynomials approximating observed Sq-fields. p. 23.

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 - days) p. 63.

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- AKTINOMETRICHESKII FZHEMESIACHNIK [ACTINO-METRIC MONTHLY] Issued by Chaunala geofi. 1-cheskala obsetvatorita and Lenbygradskala gi homechessant observatorita an Cennigransiata y i obne-teorologichesiata observatorita [Main Geophysical Observatory and the Leningrad Hydrometeorological Observatory]. Leningrad, Dec. (pt. 1), 1963, Scp. (pt. 1), 1965, Oct. (pt. 1), 1865. Publ. 1986
- ALMA-ATA, KAZARIISKII NAUCHNO-ISSLEDOVATELI-SKII GIDROMET LOROLOGICHESKII INSTITUT, Tudy [KAZAKI SCIENTIFIC RESEARCH IN DROMET LORO-LOGICAL INSTITUTE, TLUISICHOIS] Leningi ad, no.3, 1954.
 - Table of contents linustated.
 - Kavelskit, S. P. Measures for controlling munitows in Kazakhstan. g. 3. Korovin, V. I. Calculation and prognosis of the disappearance of snow cover under conditions of the

- peatance of snow cover inner conductors of the Kizakhatan Plain. p. tt.
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- Kavetskii, S. P., Korovin, V. I. Recommissance set-lat exploration of mudflow regions. p. 37.
- Snurnov, I. P. Device for recording the levels of muditow inundations, p. 40.
- CHEKHOSLOVATSKII FIZICHESKII ZHURNAL, CZECHO-SLOVAK JOURNAL OF PHYSICS Issued by Chekho-slovatskata akademila mank [Czechoslovak Arademy of Sciences]. Pague, vol. 17, no. 1, 1967.
- *FIZIKA GORENHA I VZRYVA [PHYSICS OF COMBUS-TION AND BLASTING), Issued by Sibit skee otdelente Akademit mark SSSR [Sibertan Department of the Academy of Sciences of the U.S.S.R.]. Novosibitsk, no.3,
 - Table of contents translated:
 Berezin, IU, A., Kurtmullaev, R. Kh. Cylindical
 waves in rarefied plasma in presence of sinong
 "collisionless" dissipation. p. 3.
 Soloukhin, R. I. Evolvernic reaction rone in onedimensional shock wave in gas. p. 12.
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 other foodice. p. 31.

 - liquid explosive mixtures of tetranticomethane with offsyl fodice, p. 3l, Khalkin, B. I., Mer Zhanov, A. G. Theory of thermal propagation of chemical reaction front. p. 30. Beliaov, A. F., Korotkov, A. I., Sulimov, A. A. Breakdown of layer-by-layer burning of gas-permeable porons systems. p. 47. Lukashenia, G. V., and others Temperature coefficient of combustion velocity of condensed mixtures at various component ratios. p. 50. Zenin, A. A. Structure of temperature distribution in stationary combustion of ballistic powder. p. 67 Bablio, V.S., Kozachonko, L. S. Studying normal flame velocity of methane air mixtures at high pressures. p. 77.
- flame velocity of memone air mixtures at one pressures. p. 77.
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- Vilyanov, V.N., Kolchin, A.K. Ignition of condensed explosives with conductive heat transfer from media with poor thermal conductivity. p. 101

- with poor thermal conductivity. p. 101
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- *FIZIKA TVERDOGO TELA [SOLID STATE PHYSICS]. Issued by Akademilia nauk SSSR [Academy of Sciences of the U.S. S. R.]. Muscow, vol. 8, no. 7, July 1966.
 - Table of contents translated.

 Akimchenko, I.P., Vavilov, V.S., Plotnikov, A.F.

 Photoconductivity spectra of germanium crystals. doped with oxygen and irradiated by fast electrons p 1981
 - Bekovskii, F.M., Kasymova, R.S. Effect of charge Denovability Tan Assymova, it's a latest of confige exchange of deep inputity levels at cleetric injection p. 1095.
 Platkov, V. IA., Startsev, V.1. - Amplitude and time-dependent relations of internal friction in ionic crystals. p. 1004.

 - crystals p. 1994
 Oksman, IA A , Smirnov, V N High-frequency electrolumnescence of semiconductor crystals

 - electioluminescence of semiconductor crystals p.2001.
 Mubin V P , IUr'eva, E K Effect of magnetic disorder in ferr ite single crystals on relavation processes p.2011.
 TSal', N.A., Pashkovskii, M.V., Didyk, R. I. Role of anion and cation vacancies in formation of aggregation centors in KCl crystals activated by silver and thrillium p.2015.
 Sidonov, V I , Sushko, T E , Shul'man, A. IA. Shudying optical absorption in germanium doped with zinc and compensated by antinony. p. 2022 [ostevskii, IA A Dynamics of some ideal polyatomic crystals. p. 2025.
 Poiker, K , Trifonov, E.D Selection rules for vibration structures in Raman scattering spectra p.2039

 - p 2039

 - p 2009
 Gutkin, A.A., and others. Photosensitivity spectra
 of inda p-n junctions in 0 9 3 ev. photon
 energy region p 2014
 Nadgornyl, E. M., Smirnov, B. I. Connection
 between distocation mobility and mechanical characteristics of crystals in nonhomogeneous deforma-
 - tion p 2048. Miloslavskii, V.K. Quantum absorption in degener-
 - Miloslavskii, V.K. Quantum absorption in degener-ated semiconductors and metals at direct transi-tions p. 2051.

 Bonch Bruevich, A.M., Burlakov, A.V. Time-dependent laws governing internal etectic olumines-cence of ZnS-Cu, Al phosphois p. 2062.

 Dubenskii, K.K., Kapilanskii, A.A., Lozovskaia, N.G. Photoclastic properties of cubic ZnSe near

 - N G Photoelastic properties of cubic Zase near fundamental absorption edge in crystals p 2068 Zolova, N V, Lebodev, A.A., Nasledov, D.N. -Cadmium diffusion in indium arsentide p 2074. Levinson, I B Electron escape in magnetic fields and volt-ampère characteristics p. 2077 Guliamov, K., and others. Photoconductivity of Sb3 and Big single crystals under high hydro-static pressures p. 2084. Zukharov, Ri P, and others. Theory of optically coupled lasers bused on GaAs p-m-junction p. 2087

 - p. 2087 Finkel', V. A., Papirov, I. I., Tikhlaskii, G. F.
 - Finkell, V.A., Papirov, I.I., Tikhinskii, G.F., Studying plastic deformation of beryllium single crystals under compression p. 2002.

 Imenkov, A.N., and others. Kinetics of recombination radiation from nonequilibrium current carriers in GaAs p--n-junctions. p. 2008.

 Fomichev, V. A., Lukirskii, A.P., Fine structure of Lill Hrabsorption spectrum of aluminum p. 2004.

 Mathematically, III. V. a Department of syntheting ratio.

 - Martynenko, IU.V Dependence of sputtering ratio
 - on ion energy p 2:00.

 Belozerskii, G N , and others Studying behavior of impurity atoms in diatomic insb and Gash
 - crystal lattices p. 2112. Iziumov, IU.A., Medvedev, M.V. Temperature behavior of impurity spins in ferromagnetic matrix p 2117.
 - Dobrego, V.P., Ryvkin, S.M., Shilmak, I.S. -Radiative impurity recombination in germanium.
 - p. 2124. Kalashnikov, V. P. Theory of spin-lattice relaxation of conduction electrons in strong electric
 - tion of concactant electrons in strong sector.
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 Ershov, O.A., Lukirskii, A.P. Stedying SI and
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- Karavaev, G F , Popiavnoi, A S Applying perturbataratev, G.F., Popriviol, A.S. - Applying pertur-tion theory in studying electron energy spectrum in semiconductor compounds with chilcopyille
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 Bat'iskbitar, V.G., Savchenko, M.A., Stepanov, K.N., Interaction between electromagnetic and spin waves in helicoidal magnetic structures.
- p 2008. Kupuzov, D S , El'tekov, V.A., IUrasova, V E Angular and onergy distribution of ions reflected
- Angular and energy distribution of non-reflected from copper single crystals p 2173.

 Dudkin, V I. Pil'shchikov, A I Ferromagnetic resonance in prosence of domain structure p 2182 Amirkhinov Kh I., Bashirov, R.1 Effect of spin on quantum oscillations of galvanomagnetic coefficients in hisb p 2189

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- FIZIKA V SHKOLE [PHYSICS IN SCHOOLS]. Organ of Ministersivo prosveshchenila RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, vol. 27, no. 1,
- *GEOMAGNETIZM I AERONOMHA [GEOMAGNETISM AND AERONOMY]. Issued by Akademila nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 6, no. 6, Nov. Dec. 1966.
 - Table of contents translated: Dolginov, Sh., Sh., and others. - Effects of outer sources of magnetic field at altitudes of F2 layer. Part 1.
 - Samokhin, M. V. Penetration of solar wind into geomagnetic field. p. 983. Krymskii, G. F., and others. – Distribution of cosmic
 - rays and receiving vectors of detectors. Part 1.

- Kniaziuk, V.S., Moskalenko, A.M. Distribution of KHIRITHS, V. S., BOSKRICHER, A. B.I. concentration and density of particle flux in vicinity of small body moving in rarefled plasma. p. 997. Budho, N. I. - Asymptotic shape of trail of fast-moving
- body in rarefied plasma. p. 1008.
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- p. 1011. Kuzuboy, F. A., Some characteristics of propagation of intermediate radio waves above ground with un-even relief, p. 1071. Briumelli, B. E., Field of DR currents in radiation
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- Brunelli, B. E., Pudavkin, M. L. Energy of magnetic stern, p. 1083.

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- Drobzhev, V. I. Vertical drift of small-scale in-
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- *IADERNAIA FIZIKA, JOURNAL OF NUCLEAR PHYS-ICS, Issued by Akademiia nauk SSSR and Gosudir-stvennyl kemitet po tspol'zovaniiu atomnoi energii SSSR [Academy of Sciences of the U.S.S. 11, and the State Committee on the Use of Atomic Energy of the U.S.S.R.]. Moscow, vol.4, no.5, Nov. 1966.
- Table of contents translated: Bedrostan, P., Kuchma, A.S., Morozov, V.A.-Lifetime of 226.9 Kev. level in Th¹⁵⁵ nucleus.
- Kardzhev, K.V., Man'ko, V.I., Chukreev, F.E.-Level characteristics of Ar36 and Ar38 nuclei excited in proton capture by chlorine isotopes.

- Bunatian, G. G. Electric transitions of spherical
- Bunatian, G. G. Electric transitions of spherical nuclei, p. 920
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- Zelevinskii, V. G. Asymmetry of neutron escape in

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- KIEV, UKRAINSKII NAUCHNO-ISSLEDOVATEL'SKII GIBROMETEOROLOGICHESKII INSTITUT, Trudy [UKRAINIAN SCIENTIFIC RESEARCH NYDROMETE-OROLOGICAL INSTITUTE, Transactions], No. 53, 1966, Problems of theory of active influences.
 - Table of contents translated:
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 - Table of contents translated Karakovskala, L. A. Autumn transition of air tem-perature over 0° on drainage basin of Kuybyshev
 - Reservoir, p. 3. Korbutlak, M. V., Petrov, G. N. Ways of mapping tee phenomena of drainage basin of Kuybyshev
 - Reservoir, p. 10.
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- *LI NINGRAD, GLAVNAIA GEOFIZICHESKAIA OBSLR-VATORIIA, Trudy [MAIN GEOPITYSICAL OBSLR-VA-TORY, Transactions]. No 186, 1886, Cloud physics and cloud modification.
- Table of contents translated Table of contents translated

 Bychlov, N.V., IAitaeva, N.N., By comberg, A.V.

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- water drops of super cooled fog and cloudiness.
- Gromova, T.N., Gilli, N.V., Krasikov, P.N. I ffect of admixture of surface-active substances on ice-
- or admixture of surface -active substances on ice-forming effectiveness of solutions of phloroglucinol, silver fodide, and lead fodide. p 18. Sumin, IU. P. Experimental study of crystallization of supercooled flaky figurative cumulus by pvro-technic compounds containing AgI and PhI₂. p. 26.

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- LENINGRAD, NAUCHNO-ISSLEDOVATEL'SKII INSTI-TUT GIDROMETEOROLOGICHESKOGO PRIBORO-STROENIA. SDOTIK! SCIENTIFIC RESEARCH INSTI-TUTE OF HYDROMETEOROLOGICAL INSTRUMENT MANUFACTURE, Papers!, Moscow, no. 28, 1066. Contents [Information materials on hydrometeoro-logical instruments and observation methods] Infor-matsionaye materialy pogichometeorologicheskim pribotam i melodam nabliudenii. 63 p.
- LIETUVOS FIZIKOS RINKINYS. LITOVSKII FIZICHE-SKII SBORNIK [LITHIANIAN PHYSICS PAPERS].
 Issued by Lictuvos TSR Moksiu akademija and Lietuvos TSR aukstosios mokyklos [Academy of Sciences of the Lithuanian S. S. R. and the Institutions of Higher Learning of the Lithuanian S. S. R.]. Vilnius, vol. 0, no. 2, 1966.
- *METEOROLOGIIA I GIDROLOGIIA [METEOROLOGY AMD HYDROLOGY]. Issued by Glavice upraviente gidrometeorologicheskol shuzhby pri Sovete Mintstrov SSR [Main Administration of the Hydrometeorological Service, Attached to the Council of Mintsters of the U.S. S.R.]. Moscow, no.12, Dec. 1968.

 - Table of contents than slated
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- MIROVOI TSENTR DANNYKH MGG B. Sheatol sheatlmesiachnyi katalog nalichita dannykh MGG po meteoro-logii [IGY WORLD DATA CENTER B Sixth Semiannual Catalog of IGY Meteorological Data July 1957-June 1960. Moscow, 1960,
- MOSCOW, TSENTRAL'NYI INSTITUT PROGNOZOV. Trudy [CENTRAL WEATHER INSTITUTE, Transactions], No. 154, 1966, Interaction of processes in stratesphere and troposphere and long-range weather for crasting.

 - Table of contents translated.
 Ur'eva, B.R. Seasonal circulation and monthly weather forecasting, p. 3.
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- NAL'CHIK, VYSOKOGORNYI GFOFIZICHFSKII INSTI-TUT, Trady [ALPINE GEOPHYSICAL INSTITUTE, Transactions]. Leningrad, no.3(5), 1996. Mechanism of formation and fall of hatt,
 - Table of contents translated.

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- Glushkova, N.I. Method of forecasting of hall and shower. p. 129.

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- in forecasting convective cloud cover by layer nicthed. p. 151. Abshaev, M. T., Bibilashvill, N. Sh. - Radar method for
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- organization of controlling results of effect on hall processes in Expedition of High Mountain finstitute, p. 221. Gusev, M. A. Permissible errors in shooting at hall zones with "Elbrus-2" nonfragmental shelts from KS-19 Artillery system. p. 227. Sulakvelidze, G. K., and others. Results of Caucasian Expedition on Prevention of Damage by Hall, 1984.
- REFERATIVNYI ZHURNAL: FIZIKA (JOURNAL OF AD-STRACTS: PHYSICS] Issued by Institut nauchnol informatsil Akademii nauk SSM [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, no.1, Jan. 1967
- REFERATIVNYI ZHURNAL: CEOFIZIKA [JOURNAL OF ABSTRACTS: GEOPHYSICS] Issued by Vscsoluznyi institut nauchnol I terimicheskoi informatsit [All-Union Institute of Scientific and Technical Information]. Moscow, nos.1-2, Jan. -Feb, 1967,
- *RUSSIA (1923-U, S. S. R.) Ministerstvo vysshego i vysshikh . ..
 - 91,
 - Moscow, vol.9, no.6, 1966.

 - Moscow, vol.9, no.6, 1866.

 Table of contents translated
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- Nelmar J. IU. I., Fishman, L. Z. Behavior in the mage of phase trajectories of quasi-linear differential equations with delayed arguments. p. 1210.
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 - Table of contents translated:
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 - Table of contents translated Suslov, V. F. Some characteristics of glaciation of Kichik-Alay Range, p. 3. Suslov, V. F. Rock glaciers of Kichik-Alay Range.
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- TIFLIS. ZAKAVKAZSKII NAUCHNO-ISSLEDOVATELI-SKII GIDROMETEOROLOGICHESKII INSTITUT, T10-dy [TRANSCAUCASIAN SCIENTIFIC RESEARCH HYDROMETEOROLOGICAL INSTITUTE. Transactions]. Leningrad, no.11, 1963.
 - Table of contents translated.
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- UKRAINS'KYI FIZYCHNYI ZHURNAL [UKRAINIAN PHYSICS JOURNAL], Issued by Viddli fizyky Akademii nauk URSR [Department of Physics of the Academy of Sciences of the Ukrainian S. S.R.]. Klev, vol. 11, no. 11, Nov. 1966.

 - vol. II, no. II, Nov. 1866.

 Table of contents translated

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- *USPEKHI FIZICHESKIKH NAUK [PROGRESS IN THE PHYSICAL SCIENCES), issued by Akademila nauk SSSR [Academy of Sciences of the U.S.S.R.]. Mos-cow, vol. 90, no. 3, Nov. 1966,
- Table of contents translated Al'port, IA, L. Outer layer of ionesphere and its transition into interplanetary space, p 405. TSytovich, V. N. Nordinear effects in plasma.
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- *ZHURNAL EKSPERIMENTALINOLI TEORETICHESKOL FIZIKI IJOURNAL OF EXPERIMENTAL AND THEO-RETICAL PHYSICS. Issued by Akademila mank SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol.51, no.4(10), Oct. 1966.
 - Table of contents translated:
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- ol, 51, no. 5(11), Nov. 1966.

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- ZHURNAL EKSPERIMENTAL'NOI I TEORETICHESKOI FIZIKI, Pis'ma v redaktsiu [JOURNAL OF EYPERI-MENTAL AND THEORETICAL PHYSICS, Lotters to the Editors], Issued as a supplement to the journal, Moscow, vol. 5, no. 1, Jan. 1957.

 - Table of contents translated.

 Lisovskii, F. V., Monosov, IA. A. Echo pulses in

 Lisovskii, F. V., Monosov, IA. A. Echo pulses in

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- *KLINICHESKAIA MEDITSINA [CLINICAL MEDICINE], Published by Ministerstvo zdravoo/hranenita SSSR [Ministry of Health of the U S.S.R.], Moscov, vol.48, no 1, Jan. 1907. (DNLM)
- MEDITSINSKAJA PARAZITOLOGIJA I PARAZITARNYE BOLEZM [MIDDICAL PARASTTOLOGY AND PARA-STIC DISEASES]. Issued by Ministerstvo zdravookh-ranentia SSR [Ministry of Health of the U.S.S.R.]. Moscow, vot.31, no 5, Sep.-Oct, 1962.

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MEDITSINSKII ZHURNAL UZBEKISTANA [MEDICAL, JOURNAL OF UZBEKISTAN]. Issued by Ministerstvo zdravockh anentia and Akademila nank UZSSR [Ministry of Health and the Academy of Sciences of the Uzbek S. S. R.]. Tashkent, nos. 10-11, Oct.-Nov. 1868.

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- NOVOKUZNETSK. GOSUDARSTVINNYI INSTITUT DLIA USOVERSHENSTVOVANIIA VRACHEI, TIQIY [STATE INSTITUTE FOR POSTGRADUATE TRAIN-ING OF PHYSICIANS, Transactions |. Kemerovo,
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- PROBLEMY ENDOKRINOLOGII I GORMONOTERAPII [PROBLEMS OF ENDOCRINOLOGY AND HOPMONT THERAPY], Issued by Munistrictor 7d at only 10 SSSR [Ministry of Bealth of the U.S.S.R.] And 10 St. voi. 9, no. 1, Jin -Feb 1963.
- vol.9, no.1, Im -Feb 1963.

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 - 1959, Table of contents translated; Aleshina, E. N., and others. - Butterionych and mycerin therapy of experimental plaque induced by streptomycin-resistant forms of the plaque backlus, p. 3.
- Tinker, I.S., Aleshina, E.N., Makarovskata, I.N. -Therapeutic effect of combinations of antibiotics used in especimental plague induced by strepto-mycin-resistant forms of the plague bacillus,

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- SOVETSK VIA MEDITSINA [SOVIET MEDICINE]. Organ of Ministersivo zdravookhranenila RSFSR [Manetry of Health of the R.S. F.S. R.]. Moscov, vol, 26, no. 3, Mar. 1963.
- Table of contents translated Kolesnikov, S. A., Andreev, S. V. Current clinico-theoretical problems in surgery of the heart and blood entered as blood vessels. p. 3.
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- SOVETSKOE ZDRAVOOKHRANENIC [SOVIET HEALTH SERVICE]. Lesued by Ministeratvo 2di ivoorhi ine-niia SSSR [Ministry of Health of the U.S.S.R.] Mos-cow, vol.25, no.12, 1966.

 - Table of contents translated
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- SOVIFISKOE ZDRAVOOKHRANENIE KIRGIZII [SOVIET HEALTH SERVICE OF LIRGIIIZIA]. Issued by Minister sive zdravookhranenita Kirgizskoi SSR [Ministry of Health of the Kirgiitz S. S. R.]. Fruaze, no. 6, Nov.-Dec. 1966.
- TOKSIKOLOGIIA NOVYKH PROMYSHLENNYKH KHIMI-CHESKIKH VESICHESTV [TOXICOLOGY OF NEW INDUSTRIAL CHEMICAL SUBSTANCES]. Issued by Akademiia meditsinskikh nauk SSSR [Academy of Mcdical Sciences of the U.S.S.R.] Moscow, no.8, 1968.

 - Table of contents translated Garkavi, P. G., and others. Disorders in the synthesis of hippuric acid in white rats during intoxications caused by the effect of chemical substances used
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- VESELIBA [HEALTH] Issued by Latvijas PSR Veselibas alzsardzības ministrija [Ministry of Health of the Latvian S. S. R.] Riga, nos. 11(102)-12(103), Nov.-Dec. 1906., no. 1(104), Jan. 1967. [In Latvian]
- VESTNIK RENTGENOLOGII I RADIOLOGII [REVIEW OF ROENTGENOLOGY AND RADIOLOGY]. Published by Ministersivo zdravockhraneniia SSSR [blinistry of Health of the U.S.S.R.]. Moscow, vol.37, no.3, May-June 1962.
 - Table of contents translated, Sokolov, IU. N. Methodology and roentgenodiagnostic
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- VOPROSY RADIOBIOLOGII [PROBLEMS OF RADIO-BIOLOGY], Issued by TSentrat'nyt muchno-testedova-tel'skit institut meditalnskot radiologii [Central Scientific Research Institute of Medical Radiology). Leningrad, vol 4, 1961.
 - Table of contents translated,
 - Foreword, p. 3. Aleksandrov, S. N., Promina, N. A. Comparison of the radiosensitivity of mice of A and C57 (black) lines in various age periods. p. 5.
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- VRACHEBNOE DELO [MEDICAL PRACTICE]. Organ of Ministersivo zdravoorn anentia USSR [Ministry of Health of the Ukrainian S S.R.] Kiev, no I, Jan

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 - Mikinev, A. L., Lazidi, G. Kh. Treatment of bronchial asthma with ganglionic blocking arpenal. p. 19.
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- ZDOROV'E [HEALTH]. Issued by Minister siva zdravo-okhranentia SSSR I RSFSR [Ministries of Health of the U.S.S.R. and the R.S.F.S.R.]. Moscow, vol.13, no. 2(146). Feb. 1967.
- ZDRAVOOKHRANENIE ROSSIISKOI FEDFRATSII HEALTH SERVICE OF THE RUSSIAN FEDERATION), Issued by Ministerstvo zdravockhranenita RSFSR [Min-istry of Health of the R. S. F. S. R.], Mescow, vol. 10, no. I, Jan. 1967.

 - Table of contents translated:

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 - Zhukov, A. E. Distribution of au gical diseases and traumas between the rural population of three stanitses of the northern region of Krasnodar Territory; based on data of patients! visits and complex medical screenings of residents of populated
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- ZDRAVOOKHRANEHIE TURKMENISTANA [HEALTH SERVICE OF TURKAIENISTAN], Organ of Ministerstvo zdravoofin anentia TSSR [Ministry of Health of the Turkmen S.S.R.], Ashihabad, vol. 10, nos 11(83)-12(84), Nov. Dec. 1966.
- *ZHURNAL MIKROBIOLOGII, EPIDEMIOLOGII I IMMU-NOBIOLOGII [JOURNAL OF MICROBIOLOGY, EPI-DEMIOLOGY, AND IMMUNOBIOLOGY] Issued by Ministerstvo zdravookhi aneniia SSN [Ministry of Health of the U.S.S.R.]. Moscow, vol 33, no 6, June 1982.
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- Vol. 43, no. 11, Nov. 1966.

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 - toxine, p. 17. Borodiuk, N. A., Smirnova, M. N., Pritsep, M. K.

 - Bolodiuk, N.A., Smirnova, M.N., Plitsep, M.K.—
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 - Pathomorphological and distochemical changes in an immuno organism. p. 38.

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 - Sapozinikov, I. I., Zakharova, M. S. Use of indirect hemagglutination reaction for quantitative deter-mination of diphtheria and telanus antitoxins in
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b. GYNECOLOGY, OBSILTRICS & PEDIATRICS

- LENINGRAD, PEDIATRICHESKII MEDITSINSKII INSTI-TUT, Trudy [PEDIATRIC MEDICAL INSTITUTE, Transactions], No. 32, 1965.
- Table of contents translated Vladimir Motscevich Karasik, p. 5, Anichkov, S. V. Biological tasks of plan macology. p. 8.
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- Ivanova, Z. N. Characteristics of toxic effects of two hemin poisons cyanide and azide appearing under conditions of their synergism. p. 40.
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- TOPROSY OKHRANY MATERINSTVA I DETSTVA [PROB-LEMS OF MATERNAL AND CHILD CARE]. Issued by Ministerstvo zdravookhanenita RSFSR [Ministry of Realth of the R. S. F. S. R.]. Moscow, vol 12, no, 2, Feb, 1967.

NEUROLOGY & PSYCHIATRY

- ZHURNAL NEVROPATOLOGII I PSIKHIATRII (JOURNAL OF NEUROPATIOLOGY AND PSYCHIATRY]. Issued by Vsesoiuznoe obshichestvo neuropatologov i psikhlatrov [All-dnion Society of Neuropathologists and Psychiatrists]. Moscow, vol. 63, no. 1, 1963.

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- Dobrzhanskaia, A. K., and others. Psychopathologic and electroencophalographic characteristics of organic hypersimilinism caused by insuforma.
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- of depression. p. 1855.

 Ganev, G., Karamalakov, L., Tšekova, M. Bulgarian
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- Pessa Davidovna Bull', an obituary. p. 1880.

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- VESTNIK OTORINOLARINGOLOGII [REVIEW OF OIO-RHINOLARINGOLOGY I. Published by Ministerstvo zdravockhranentia SSSR [Ministry of Health of the U.S. S. R.]. Moscow, vol. 27, no. 6, Nov. Dec. 1986, vol. 28, no. 1, Jan. -Feb. 1987, (DNLM)

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- KLINICHESKAIA ONKOLOGIIA [CLINICAL ONCOLOGY] Issued by Kievskii nauchno-issledovatel'skii rentgeno-radiologicheskii i onkologicheskii institut [Kiev Scientific Research Roentgenoradiological and Oncologleal Institute]. Kiev, no.1, 1965.

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- PATOLOGICHESKAIA FIZIOLOGIIA I EKSPERIMENTAL'NAIA TERAPIIA [PATHOLOGICAL PHYSIOLOGY AND EXPERIMENTAL THERAPY]. Issued by Ministrytor paravookha anonlia SSSR [Ministry of He uth of the U.S.S.R.]. Moscow, no. 3, 1904,
 - Table of contents translated;
 - Table of contents translated:

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- PROBLEMY GEMATOLOGII I PERELIVANIIA KROVI PROBLEMS OF HEMATOLOGY AND BLOOD TRANS-[PROBLEMS OF HEMATOLOGY AND BLOOD TRANS FUSION]. Issued by Ministerstvo zdravockiranenita SSR [Ministry of Health of the U.S.S.R.]. Mescow, vol. 8, no. 2, Feb. 1962.

 Table of contents translated:
 Alcksev, G.A., Kol'ts, E.K. - Experience in radioactive phosphorus [P³²] treatment of 28 patients
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- hr antibodies. p. 58. Dashtaiants, G. A. Review on M. G. Abramov's book
- "Clinical cytology", p.59, (DNLM)
- Vol. 8, no. 9, Mar. 1963. Table of contents translated:
 - Terent eva, E. I., Krasteshevskala, T. G. Study of the electron microscopic sit ucture of cells of the hemoplotic tissue. Report No. I: Electron micro-scopic picture of hemopoletic elements in healthy
 - people. p. 3. Idel'son, L. I., Zhukovskaia, E. D. Normal cobalt
 - content in the bleed of man. p. 10.

 Chiriginskii, A. N., Grindsina, V. R. Role of the glyocorticold activity of the adrenal cortex in the developmental mechanism of leucocytic reaction to parenteral administration of protein substances.
 - Shul'ts, N. A. Effect of cosmic factors on the blood
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 - Rozenberg, G. I.A., and others. Lyophile drying of a thrombocyte mass. p. 42. Babil, Z. N. Regeneration of the blood in denors in repeated blood extractions during a reticulocytic crists. p. 46.

- Denisova, L. G., Tabolia, V. A., From, A. A. Use of low-molecular polyvinylpyrrolldone in a compound
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- TERAPEVIICHESKII ARKHIV PHERAPEUTIC AR-CHIVES, Published by MI districtive Anacockin ane-nita SSSR [Ministry of fle 4th of the U.S.S.R.], Nos-cow, vol. 37, no.12, 1965, vol. 38, no.11, 1966, (DNLM)
- *VOPROSY ORKOLOGII [PROBLEMS OF ONCOLOGY]. Issued by Ministersivo zdravookhranentla SSSR [Ministry of Health of the U.S.S.R.]. Moseow,
 - vol. 9, no. 3, 1983. Table of contents translated.
- Table of contents Gaussatted Timofervskil, A. D. Buology of the camer cell, a survey of data from the Eighth International Cancer Rosearch Congress p. J. Irlin, I S. Virology of tumors, a survey of data from the Eighth International Cancer Research Congress,
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- Cancel Research Congress, p. 12.
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 the Eighth International Cancer Research Congress
- Shershul'skala, L.V. Study of the autigens of stomach cancer in man by precipitation in agai (with summary to English), p. 22.

- In English, p. 22.

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- summary in English). p. 69.
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- hish, p. 74.
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- blopsy and surface stercombioscopy of the re-moved tissue cone [with summary in English]. p. 80. Kholdin, S. A., Dymarskil, L. IV. Lymphogenic metastasis and its significance for rational plan-
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 Pogosiants, E. E. Minutes of the Scientific Society of Oncologists of the City of Moscow and Moscow P Province for the meeting No. 72 on March 29, 1962.
- p. 124, "Fifth Hungarian Congress on Cancer in Budapost, 1961" [In German]. Reviewed by IU. V. Petrov. p. 126,

- Vol. 12, no. 11, 1966.

 Table of contents translated.

 Koslakov, P. N., and others. Study of similarity and difference of specific antigens of human

 - and difference of specific antigens of human concerous tumors. p. 3.

 Chekharina, C. A., Puchlov, IU, G., Kleinman, D. I. Intermuscular Hpomas. p. 8.

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 - means of Raus' sarcoma viruses p.48. Gubareva, A.V., Pliss, G. B. Characteristics of blastomogunk activity of ortholidine in madiation.
 - p. 51. Liokhin, V. N., and others. Effect of Thio-Ti PA on the kinetics of the growth of Walker's carcino-
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 - IUrchenko, N. IA. Transplantation of Isologous bone marrow in mice following introduction of DL-90 sarcolysine. p. 62.
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 - leukemia in mice. p. 126, (DNLM)
- Vol. 12, no. 12, 1966.
- H. 12, no. 12, 1000,

 Table of contents translated:

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- cancer. p. 3,
 Agamova, K. A., Chalkov, I. M. Possibilities of
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- of the external epimetaphysis of the tibia; 3 observa-
- of the external epimetaphysis of the tibia; 3 observations. p. L4.

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- M medov, I, M. Improved type of electropolypotome. р 73.
- p '13.
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f. PHARMACY & MATERIA MEDICA

- *AN FIBIOTIKI [ANTIBIOTICS]. Issued by Ministersivo zdravookhranenika SSSR [Ministry of Health of the U.S. S. R.]. Moscow, vol.11, no.11, Nov.1866.
 - Table of contents translated.

 Shorin, V. A., Shapovalova, S. P. Selection of new inhibitors of immunogenesis of a natural origin.
- Rittsunova, N. V., and others. Formation of man inamycinlike substance 10484 by Actinomyces
- candidus culture. p. 967.

 Ivanitskaia, L. P., and others. Systematic position, variability and antibiotic properties of the producer of the antineoplastic antibiotic tavromycetin,
- p. 973. Ol'khovatova, O. L., and others, Some regularities of the formation of bruneomycin in cultures of Actinomyces albus var. bruneomycini. p. 976.
- Makarevich, V. G., and others. Study of biosynthesis
- Makareviel, V. G., and others. Study of blosynthesis products from a mutant of Actinomyces aureofactens 1515. p. 980.
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- collular systems and on the dissociation of 70S ribosomes in the bacterial cell. p. 987.

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- eliemical properties of novohiocin. p. 998. Kyashnina, E. S. Mothod of selecting natural variants
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- Stolpnik, V. G., Dzheksenbaev, O. Sh. Some pharmaco-
- logical properties of the artibiotic neotelomycin of the polypeptide group, p. 1007.
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- Pharmacology of tetracycline preparations in intra-venous introduction. Glycocyclin. p. 1017.
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- Agai unova, IU. S., Sutceva, T.G. Sensitivity of patho-
- genic accobic ray fungi to antibiotics and sul-familunides, p. 1039. Tumka, A. F. Effect of nystatin, trichemyem and levorth on the growth of parasitic intestinal human
- protocol in cultures, p. 1043.

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- p. 1047. Klimov, K. V. Changes in intestinal microflora in dysentery depending on the method of tetracycline administration. p. 1050,
- * APTECHNOE DEI O [PHARMACY]. Organ of Minister-sive zdravochi mentia SSSR [Ministry of Health of the U.S.S.R]. Moscow, vol.12, no.1, Jan. Feb. 1963. Table of contents translated
- Table of contents translated.

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- note many strying netrate and the cacene base in Dr. Karmanoya's tablets [with summary in English], p. 39.

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- VOPROSY MEDITSINSKOI KHIMII [PROBLEMS OF MEDI-DPROSY MEDITSINSKOI KHIMII [PROBLEMS OF MEDICAL CHEMISTRY]. Issued by Ministersivo zdravo-okhranenia SSR [Ministry of Health of the U.S.S.R.] Moscow, vol.12, no.6, Nov. Dec. 1980.

 Table of contents translated' Sharoukhova, K.S., Munav'ova, N.I. - Blosynthesis of estriol. p.563.

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- FEL'DSHER I AKUSHERKA [FELDSHER AND MIDWIFE]. Issued by Mintsterstvo zdravookhranentia SSSR and Ministerstvo zdravookhranentia RSFSR [Ministry of Health of the U.S. S. R. and the Ministry of Health of the R. S. F. S. R.]. Moscow, vol. 32, no. 1, 1967.
- *GIGIENA I SANITARIIA [HYGIENE AND SANITATION]. [sexed by Ministerstvo zdravookhr, menila SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol.31, no, 12, Dec. 1966,
 - Table of contents translated;
 - Balkov, B. K., Tel'dman, IU, G. Dependence of air pollution by automobile exhaust gases on the planning of streets and residential areas. p. 3. Mai'kova, V. B. Experimental data on substantiation
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 - Galible, G. P., Pozdniakov, A. L., Murav'eva, L. I.
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- MEDITSINSKAIA SESTRA [MEDICAL NURSE], Issued by Ministeratvo zdravoo/hranenila RSTSR [Ministry of Health of the R. S. F. S. R.]. Moscow, vol. 26, no, 2, Feb. 1967.

h, SURGERY & DENTISTRY

- EKSPERIMENTALINAIA KHRURGHA I ANESTEVIOLOGI// (EXPERIMENTAL SURGERY AND ANESTHESIOLOGY). Issued by Ministersive zdrayoekhranenia SSR [Min-istry of Health of the U.S.S.R.] Moscow, vol. 8, na, G, Nov. -Dec. 1963,
 - Table of contents translated: Vishaceskii, A.A., Braines, S.N. Prospects for the use of optic quantum generators in biology and

 - the use of optic quantum generators in biology and medicine. p. 3.
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- KHIRURGIIA [SURGERY]. Published by Ministerstvo zdravookhi anenila SSSR [Ministry of Health of the U.S.S.R.], Moscow, vol 39, no.2, Feb. 1963
 - Table of contents translated On the 70th anniversary of the blith of P. A. Kupilianov.
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- STOMATOLOGIIA [STOMATOLOGY]. Issued by Ministerstvo adravookhranentiu SSSR [Ministry of Health of the U S.S.R.]. Moscow, vol 44, no.6, Nov. Dec. 1986; vol.45, no.1, Jan.-Feb. 1987. (DNLM)
- TRAYMATOLOGIIA [TRAUMATOLOGY] Issued by Ukrainskii nauchno-issledovatel'skii institut ortope-dii i travmatologii [Ukrainlan Scientific Research In stitute of Orthopedics and Traumatology]. Klev,
- Table of contents translated:
 Revenko, T.A., Sinlio, M.I. Problems of traumatism
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- Bogdanov, F. R. Controversial problems in the Letthent of spinal fractures. p. 100. Trubukov, V. F. Surgical treatment of fractures of long tubular bones. p. 110.

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- VESTNIK DERMATOLOGH I VENEROLOGH [REVIEW OF DERMATOLOGY AND VENEREOLOGY]. Published by Ministerstyo zdravookh anenila SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 12, 1962.

 Table of contents translated:
- Turanova, N.M., Studnitsyn, A.A. Some problems in the organization of therapeutic and preventive care for patients with skin diseases in the U.S.S.R.
- Sergeev, K.K. Skin exterocentors in man and other

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 - Table of contents translated.
 Davtian, G.S., Babalan, G.B. Some data of agrochemical characteristics of soils in Armenta
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- GIDRCTEFHNIKA I MELIORATSHA [HYDRAULIC ENGINEERING AND RECLAMATION]. Issued by Ministorstvo sel'skego khoziaistva SSSR and Ministorstvo melioratshi vednogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R. and the Ministry of Reclamation and Water Resources Management of the U.S.S.R.], Moscow, vol.18, no.12, Dec. 1966.

 Table of contents translated:
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- KREST'IANKA [THE PEASANT WOMAN], Published by Izd-vo [Publishing Houso] "Pravda," Moscow, vol. 45, no.1, Jan. 1967.
- MEKHANIZATSIIA I ELEKTRIFIKATSIIA SOTSIALISTICHESKOGO SEL'SKOGO KHOZIAISTVA [MECHANIZATION AND ELECTRIFICATION OF SOCIALIST
 AGRICULTURE]. Issued by Ministorstvo sel'skogo
 khoziaistva SSR [Ministry of Agriculture of the
 U.S. S.R.], Moscow, vol. 24, no. II, 1966.
 Table of contents translated;
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- MOSCOW, UNIVERSITET DRUZHBY NARODOV, Trudy [UNIVERSITY OF THE FRIENDSHIP OF PEOPLES, Transactions], Vol. 14, 1966, Sel*skokhozlalstvennye nauki [Agricultural Sciences], no. 1.
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 - Kishinev, no. 1, 1963.

 Table of contents translated.

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- fertilizers m changing soil fertility and crop yields in case of the appearance of signs of premature aging of apple tites, p 180. Kanivets, I.I. Fflect of deep strip subsoiling and
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- POCHYOVEDENIE SOIL SCIENCE . Issued by Akademita nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no.12, Dec. 1966.
 - Table of contents translated: Egorov, V. V., Lettmov, P. A. - State of meliorative soil science and the problems of soil improvement

 - soil science and the problems of with improveme studies for the pushlification of the projects of irrigating and improving salinized soils. p. 1.
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 - and her baccous plants in the basic forest types of the "Les na Vorskle" oak dominant for est, p. 31. Zaitsev, B. D. Determining the effect of exchangeable calctum on the content of organic matter and total nitrogen in her Lons of 1 aw homers, p. 40. Rode, A.A. Minimal moisture capacity, p. 43. Olariannikova, I. N. Molsture consumption by vegetation in the Casplan virgin semidesert, p. 53. Bazykina, G.S. Water conditions of reclaimed soils

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 - Sventsitski, Ch. Development of scientific studies in the field of soil science in Poland. p. 102. Bibliography, p, 107,
- PUSHKIN, LENINGRADSKII SELISKOKHOZIAISTVEN-NYI INSTITUT, Zapiski [LENINGRAD AGRICUL-TURAL INSTITUTE, Annals]. Leningrad, vol. 96, 1965. Mechanization and automation of agricultural production.

 - production.

 Table of contents translated:
 Lur'e, A. B., Bazhenov, A. E., Equations describing
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- character intres of low-power regulated sincon tectifiers, p. 147. Zhdanovskii, N. S., Vysheslavtsev, P. P. Methods for determining the average indicated pressure of a diesel engine, p. 150. Gureyich, D. F. Power calculation of metallic mem-
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- SEL'SKAIA NOV' [RURAL NEWS], Issued by Minister-stvo sel'skogo khoviaistva SSSR [Ministry of Agricul-ture of the U.S.S.R.], Ktey, no.1, Jan. 1987.
- SEL'SKII MEKHANIZATOR [THE RURAL MECHANIC]. Issued by Ministersivo sel'skogo kilozatistva SSSR [Ministry of Agriculture of the U.S. S.R.]. Moscow, no.12, Dec. 1996; vol.10, no.1, Jan. 1997.
- SEL'SKOE KHOZIAISTVO; sistomaticheskli ukazatel' statel v inostrannykh zhurnalakh [AGRICUL/TURE; Classed Index of Articles in Foreign Periodicals]. Issued by TSentral'nafa nauchnala sel'skokhozialstven-nala biblioteka and Vsesoiuznala gosudarstvennala biblioteka inostrannoi literatury (Cent al Agricultural Library and the All-Union State Library of Foreign Literature]. Moscow, no. 10(128), 1906.

- SEL'SKOE KHOZIAISTVO BELORUSSII [AGRICULTURE OF WHITE RUSSIA]. Issued by Ministerstvo sel'skogo khoziaistva Belorusskoi SSR [Ministry of Agriculture of the White Russian S. S. R.]. Minsk, vol. 15, no. 1(211), Jan. 1967.
- SEL'SKOE KHOZIAISTVO KAZAKHSTANA [AGRICUL-TURE OF KAZAKHSTAN]. Issued by TSchtral'nyi Komitet Kommunisticheskoi partii Kazakhslana [Central Committee of the Communist Party of Kazakhstan]. Alma Ata, no.1, Jan. 1987.
- SEL'SKOE KHOZIAISTVO KIRGIZU [AGRICULTURE OF KIRGHIZIA]. Issued by Minister sivo sel'islogo Phoziai-siva Kirgizskoi SSR [Ministry of Agriculture of the Kirghiz S. S.R.]. France, vol 13, no 1, Jan 1987.
- SEL'SKOE KHOZIAISTVO MOLDAVII [AGRICULTURE OF MOLDAVIA]. Issued by Ministersivo sel'skogo khoziaistva Moldavskoi SSR [Ministry of Agriculture of the Moldavian S. S. R.]. Kishinev, vol.12, no.1, Jan. 1967.
- SEL'SKOE KHOZIAISTVO ROSSII (AGRICULTURE OF RUSSIA]. Issued by Ministerstvo sel'skogo khozlaistv. RSFSR [Ministry of Agriculture of the R.S. F. S. R.]. Moscow, nos.1-2, Jan.-Feb. 1907.
- SEL'SKOE KHOZIAISTVO TURKMENISTANA [AGRICUL-TURE OF TURKMENISTANI]. Issued by Ministerstvo sel'skogo khoziaistva Turkmenskoi SSR [Ministry of Agriculture of the Turkmen S. S. R.]. Ashkhabad, vol. 10, no. 12, Dec. 1966.
- SEL'SKOE KHOZIAISTVO UZBEKISTANA [AGRICUL-TURE OF UZBEKISTAN]. Issued by Ministerstvo sel'skogo khozialstva Uzbekskol SSR [Ministry of Agriculture of the Uzbek S. S. R.]. Tashkent, nos. 10-11. Oct. -Nov. 1966.
- SFL/SKOKHOZIAISTVENNAIA BIOLOGIIA [AGRICULTURAL BIOLOGY]. Issued by Vseschuzada akademila sel'skokhozialstvennykh nauk iment V.I. Lenina [Lenin All-Union Academy of Agricultural Sciences].
- Moscow, vol. 1, no. 6, 1966.
 Table of contents translated
 Lysikov, V. N. Some problems of experimental
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 Kur'nin, V. P. Melioration of land and field crop
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- Chukuridi, S. S., Matukhin, G. R., Sevasi'ianov, V. I.
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- Titova, Z. V., Andreenko, S. S. Change in phosphorus metabolism under low lemperatures in the roc
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- phosphous in the blood sorum of some breeds of heiters. p. 990.
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- atmosphere. p. 824, Kompaneels, M. K. Outstanding scientisi-biologist, breeder, and seed grower. p. 829.

- SEL SKOKHOZIAIST VENNAMA LITERATURA 959R L'SKOKHUZIAISTVERNAIA LITERATURA SSR [AGRICULTURAI, LITERATURE OF THE U S S.R.], Issued by TSential nain nauchman set'slobhoziti-stvennaia biblioteta [Central Agricultural Library] Moscow, no.12, 1966.
- SEL'SKOKHOZIASTVENNOE PROIZVODSTVO NECHER-NOZEMBOI ZONY [AGRICULTURAL PRODUCTION OF THE NON-CHERNOZEM ZONE]. Organ of Mini-sterstvo sel'skogo Phozanistva RSTSR [Ministry] of Agriculture of the R. S. F. S. R.]. Moscow, vol 5, no. 2. 1967.
- SEL'SKOKHOZIAISTVENNOE PROIZVODSTVO POVOL-ZH'IA [AGRICULTURAL PRODUCTION OF THE VOLGA VALLEY] Issued by Ministe stvo sel'skogo khoziatstva RSFSR [Ministry of Agriculture of the R.S.F.S.R.] Saratov, vol.13, no.1, Jan. 1967
- SELISKOKHOZIAISI VENNOE PROIZVODSTVO SEVLR-NOGO KAVKAZA I TSCHO [AGRICULTURAL PRODUCTION OF THE MORTHERN CAUCASUS AND THE CENTRAL CHERNOZEM REGION Ogan of Ministers of Agriculture of the R S. F. S R.]. Krasnodar, vol 5, no. 2, Feb. 1967
- SEL'SKOKHOZIAISTVENNOE PROIZVODSTVO SIBIRI I DAL'NEGO VOSTOKA [AGRICULTURAL PRODUCTION OF SIL ERIA AND THE FAR EAST] ISSUED by Ministerstvo sel'sbogo Phol'aistva RSFSR [Ministry of Agriculture of the R. S. T. S. R.]. Omsk, vol. II. no 1, 1967,
- SEL'SKOKHOZIAISTVENNOE PROIZVODSTVO URALA [AGRICULTURAL PRODUCTION OF THE URALS]. Organ of Ministerstvo sel'shogo khoziaistva RSFSR [Ministry of Agriculture of the R. S. F. S. R.]. Sver-dlovsk, vol. 5, no. 1, Jan 1967.
- SOTSIALISTLIK POLLUMAJANDUS (SOCIALIST AGRI-CULTURE), Issued by Eesti NSV Pollumajanduse Ministeer ium (Ministry of Agricultus of the Estonian S.S.R.), Tatllim, vol. 22, no 2, Jan. 1967. [In
- TIFLIS, GRUZINSKII NAUCHNO ISSLEDOVATEL'SKII INSTITUT MEKHANIZATSII I ELEKTRIFIKATSII SEL'SKOGO KIIOZIAISTVA, Trudy [GEORGIAN SCI-ENTIFIC RESEARCH INSTITUTE FOR THE MECHA-

ENTIFIC RESEARCH INSTITUTE FOR THE MIZCHAMIZATION AND ELECTRIFICATION OF A GRICULTURE, Transactions]. Vol. 8, no. 2, 1982,
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űzbekiston kishlok khűzhaligi (agriculture OF UZBEKISTAN]. Organ of Ministerstor sel'skogo khoziaistva Uzbekskoi SSR [Ministry of Agriculture of the Uzbek S. S. R.]. Tashkent, res. 11-12, Nov. -Dec. 1906, [In Uzbek]

- UZBEKSKAIA AKADEMIIA SEL'SKOKHOZIAISTVFN-NYKII NAUK, Nauchno-iestedovatel'skii institut me-khrnizaisii i elektriikatsii otoshrenogo zemledeilia, hauchnye trudy | UZBEK ACADEMY OF AGRICUL-TURAL SCIENCES Scientific Research Institute of the Mechanization and Electrification of Lyngation Farming, Studies]. TashPent, no. 5, 1959.
 - Pable of contents translated Amplevskia, S.V., Pak, M.S. Some requirements for a self-propelled chassis used on trigated

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VSESOIUZNOE OBSHCHESTVO POCHYOVEDOV, Kir-gizskii filiat, Izvestiia (ALL-UNION SOCIETY OF SOIL SCIENTISTS, Kinghtz Branch, Buttetin), Frunze, no. 2, 1963. Table of contents translated

Table of contents translates.

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Table of contents translated Arkhangorodskii, A.G. - Problems of maximum utilization of the load capacity of ship launching

and litting units. 1.3.

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- MOLOCHNAIA PROMYSHLENNOST' (DAIRY INDUSTRY). Issued by Minister sivo miasnot i motochnot promysh lemostr SSSR and TSchtral'noe praviente Nauchnolemost SNR and TSCHMATTHOS provide reaccine-ted linicheskogo obshicheska pish hevol promyshlem-nost [Ministry of the Meat and Datry Industry of the U.S. S. R. and the Central Administration of the Scientific Technological Society of the Food Indus-try]. Moscow, vol. 28, no.1, Jan. 1987.
- MOLOCHNO-MIASNOE SKOTOVODSTVO (DAIRY AND BEEF CATTLE BREEDING). Issued by Ministusive sel'skogo Phoziativa USSR (Ministry of Agriculture of the Ukrainian S. S. R.). Kiev, nos. 2-3, 1905.
- MOSCOW, MOSKOVSKAIA VLTERINARNAIA AKADE-MIIA, Kafedia zoologii, Biologiia i promysol tosia [MOSCOW VETERINARY ACADEMY, Department of Zoology, Biology and the Hunting of the Mooso], Moscow, no.2, 1965.

Table of contents translated Bannkov, A.G. - Moose hunting, p. 3. Nasimovich, A.A. - Geographical distribution of

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 - Table of contents translated Selivanov, A V., and others. Comparative study of the vaccination reaction and immunity induced by the vaccination of cattle with vaccine strain No.19 developed at the Kashchentsy Biological Laboratory and the American vaccine strain
 - Selivanov, A. V. Effect of a concentration of acrosols
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- PCHELOVODSTVO [APICULTURE], Organ of Minister-stvo sel'skogo khozinistva SSSR [Ministry of Agri-culture of the U.S. S. R.]. Moscow, vol. 43, no. 12, Dec. 1966, vol. 44, no. 1, Jan. 1967. (DNAL)
- RYBNOE KHOZIAISTVO [FISHERIES]. Organ of Gosudatstvennyl komitet po rybnomu khoziaistvo pri SNKh SSSR [State Committee for Fisheries, Attached to the Economic Council of the U.S.S.R.]. Moscow, vol. 42, no. 11, 1966.
 - Table of contents translated.

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- RYBOVODSTVO I RYBOLOVSTVO [PISCICULTURE AND FISHING], Issued by Minister stvo self skogo khorlal-stva SSSR [Ministry of Agricultur e of the U S. S. R.]. Moscow, vol. 10, no 1, Jan. -Feb. 1967.
- VETERINARIIA [VETERINARY MEDICINE] Organ of Minister stvo sel'skogo Phozlaistva SSSR [Ministry of Agriculture of the U. S. S. R.] Moscow, vol. 43, no. li. Nov. 1966.
 - Table of contents translated: Welcome the 50th anniversary of Soviet rule in a

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- Vol. 43, no. 1, Jan. 1967.
- ol. 43, no. 1, Jan. 1967.

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- embryonal kidney epythelium infected with the foot-and-mouth disease virus. p. 20. Likhachev, N.V., and others. Foot-and-mouth disease vacchae from the virus cultivated in calf kidney cell suspension. p. 24. Prestiakov, A.P., Laboshallov, A.G., Dudnikov, A.I. Lapinized antigen for diffuse precipitation reaction in foot-and-mouth disease, p. 26. Zagoodnov, M.V., Elagina, V. B., Prostakova, N.V. Production of diagnostic foot-and-mouth disease sorum for antigens using rabbit tissues. p. 29. Sobko, A. L., and other using rabbit tissues. p. 29. Sobko, A. L., and other using rabbit tissues. p. 29. Ivanov, M. M., Begdanova, E.A. Some problems of the diagnosts of brucellosis, p. 32. Muratov, S.I. Duration of reactivity in cattle vaccinated with strain 19. p. 33.

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- entific Technological Society of Forest Industries and Forestry]. Moscow, vol. 19, no. 1, Jan. 1987.

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VINODELIE I VINOGRADARST VO SSSR [WINE MAKING AND VITICULTURE IN THE U.S.S.R.]. Organ of Ministersivo pishchevol in omysilennosti SSSR and TSentral'noe pravienie Nauchno-tekhnicheskogo obshichestva pishchevol promysilennosti [Ministry of the Food Industry of the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 27, no. 1(248), 1967.

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Issued by Ministerstvo sel'skogo khoziaistva SSSR
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- IUNYI TEKHNIK [YOUNG TECHNICIAN]. Issued by TSK YLKSM and TSentral'nyi sovet pionerskoi organizatsii imont V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the Lenin Pioneers]. Moscow, vol. 11, no. 2, Feb. 1967.
- *IZMERITEL' NAIA TEKHNIKA [MEASUREMENT TECH-NIQUES]. Issued by Gosudaistvennyi komitet stan-dartov, mer i Izmeritel'nykh priborov SSSR [Stato Committee of Standards, Measures, and Measuring Instruments of the U.S.S.R.]. Moscow, m. 6, June
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- LENINGRAD, POLITEKHNICHESKII INSTITUT, Trudy [POLYTECHNIC INSTITUTE, Transactions], No. 261,
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- No 9, Sep. 1982, Table of contents translated: Introduce in the national comony all that is advanced and progressive at the Exhibition of Achievements of the National Economy of the U.S. S. R. p. 1. Mechanization and automation of production in the
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- NOVYE KNIGI ZA RUBEZHOM Scriia B. Tekhnika [NEW FOREIGN BOOKS Sories B. Technology]
 Published by Izdatel'stvo Inostrannot literatury [Publishing House of Foreign Literature]. Moscow, vol. II, no I. Jan 1967.
- * PMTF; zhu nal prikladnot mekhaniki i tekhnicheskol fiziki [PMTF, Journal of Applied Mechanics and Technical Physics]. Issued by Sibirskoo oldelonia Akademii nauk SSSR [Siborian Department of the Academy of Sciences of the U.S.S.R.]. Moscow, no.3, May-June 1962.
 - Table of contents translated

 Liubin, L. IA., Novitekli, A. S. Motion of gas bubbles caused by pulsating pressure in a liquid in the absence of mass forces, p. 3.

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- PERM, POLITEKHNICHESKII INSTITUT, Naurhnyo tru dy [POLYTECHNIC INSTITUTE Studies]. No. 17, pt. 1, 1962.
 Table of contents translated.
- Table of Contents transfaced Schebrishev, O.A. Kyn-Chusovaya highland and the development in Carboniferous, p.3.

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- PROMYSHLENNOST' ARMENII | INDUSTRY OF ARMENIA], Issued by Sovet natodnogo khoztaistva Armianskol SSR | Economic Council of the Armenian S. S. R.]. Crivan, vol. 9, no. 10, 1966.
- Table of contents translated: The banner of the five-year plan, p, 3.
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- Gazarian, G. Plastic and synthetic resins in
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- Aruthuntan, A., Kazatian, S. We are working in a new way, p. 20.
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- PROMYSHLENNOST' BELCRUSSH INDUSTRY OF WHITE RUSSIA]. Issued by Gosudarstvennyl planovoi komitet Soveta Ministrov BSSR and Verkhovnyl respublikanskii sovet NTO [State Planning Committee of the Council of Ministors of the White Russian S.S. R. and the Supreme Republic Council of the Scientific Technological Society), Minsk, vot. 9, no. 12(103), Dec. 1966.
 - Table of contents translated Stankevich, F.M. Republic with great electric power resources. p. 1. Minin, A. V. Tempo, quality, and perfect organiza-

 - tion of labor, p. 3, Katsman, B. M., Rudenok, M. P. At the expense of
 - internal resources, p. 5, Bulgakov, G. L., Vinogradov, L. I., Loktev, V. P. -Using the new system of management, p. 7, Akulich, S. S. Using basic production funds in the
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- Osipenko, S. A., Sitotenko, V. I. Casting-mold dies for polymer gear wheels made of fustble alloys. n. 42.
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- VOPROSY IZOBRETATEL'STVA [PROBLEMS OF IN-VENTION]. Issued by TSentral'nyt nauchno-issle-dovatet'skil institut patentool juformatsil 1 tekhuko-konomicheskikh issledovanii [Central Scientific Research Institute of Patent Information and Technical Economic Studies]. Moscow, no. 8, Aug. 1966.
 - Table of contents translated: Basistov, A. G., Pladis, T. A. - Planning the efficiency of the introduction of inventions and innovations. р. 3.
 - Orkis, I. IA. Novelty of an invention and author's
- Orkis, I. I.A. Novelty of an invention and author's neumoration, p. 7.

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- Andrievskii, A. I. Problems of invention work in ingitiutions for higher education, p. 31.
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- p. 34. Gordienko, R. 1. Qualification of Soviet patent
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- ZA TEKHNICHESKII PROGRESS [FOR TECHNOLOGI-CAL PROGRESS], Organ of Gosudarstvennyi komi-tet Soveta Ministrov Azerbaidzhanskoi SSR po koordinatisti nauchno-issiedovatol'skikh rabot and Sovel narožnogo khozialstva Azerbaldzhanskol SSR [Sate Committee of the Council of Ministers of the Azerba-jan S. S.R. for the Coordination of Research and the Economic Council of the Azerbaijan S. S. R.]. Baku, vol. 6, no. 12(72), Dec. 1986.

 - vol. o, no. 12(12), Dec. 1800.

 Table of contents translated:
 Contennial of the scientific and technological societies
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ь. ALRONAUTICS

- KRYL'IA RODINY (WINGS OF THE MOTHERLAND). KILLYA KODINY (WINGS OF THE MOTHERLAND). Issued by Vsesouanoe doblovol'noe obslichestvo sodelstvila almit, avlatsii i flotu [All-Onion Volunteer Society for Assistance to the Army, All Folce, and Navy]. Moscow, vol.17, no 9, Sep. 1986.
 - Table of contents translated.
 - Table of contonts translated.

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- MOSCOW. AVIATSIONNYI TEKINOLOGICHESKU INSTITUT, Trudy [TECHNOLOGICAL INSTITUTE OF AERONAUTICS, Transactions]. No.66, 1966. Struc-ture and properties of aircraft steels and alloys.
- Table of contents translated: Vishniakov, D. IA., Sovalova, A. A. Effect of carbide forming elements on kinetics of isothermal transformations of austenite and mechanical proporties of mangaiese-molybdenum steel, p. 5. Bystrova, N. A., Vishniakov, D. IA. – Hardness of heat resistant steels at high temperatures depending on
- addition alloys and heat treatment. p. 16. Vishniakov, D. IA., and others. Effect of rate of cooling from homogenization temperature on structure and properties of KhN77TIUR (EI437B) alloy. p.21.
- Vishniakov, D. IA. , Bystrova, N. A. Effect of rare-earth elements on structure and properties of Khil6N25M2B5 steel, p. 33.

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- Elagin, V.I., Ekhina, E.V., Suddying anoys in this system A1 Zn Li, p. 136.

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- REFERATIVNYI ZHURNAL. VOZDUSHNYI TRANSPORT (JOURNAL OF ABSTRACTS: AR TRANSPORTATION). Issued by Institut muchnot informated Akademit mank SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S. & R.] Moscow, no.1, Jan, 1997,

c. CHEMICAL TECHNOLOGY

- GAZOVAIA PROMYSHLENNOST' [GAS INDUSTRY].
 Organ of Ministeratio gazovoi promyshlennosti [Ministry for the Gas Industry] and others. Moscow, vol. 11, no. 11, 1966.
- vol. ii, no. ii, 1966.

 Table of contents translated
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- *KAUCHUK I REZINA [CRUDE AND VULCANIZED RUBBER], Organ of Gosudarstvennyl komitet po khimti pri Gospiane SSSR and Vsesolu noc khimtcheskoe obshichestvo imeni D. I. Mendeleeva [State Committee for Chemistry, Attached to the State Planning Committee of the U.S.S.R., and the D.I. Mendeloev All-Union Chemical Society]. Moscow, vol. 21, no. 8,
 - Table of contents translated: Zak, D, L. Results of the expansion of the industry
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 Table of contents translated:
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- *KHIMIIA I TEKHNOLOGIIA TOPLIV I MASEL [CHEM-ISTRY AND TECHNOLOGY OF FUEL AND OIL]. Issued by Gosudan stvennyl komitet neitopereraba-tyvalushchoi I neitekhimleheskol promyshlomosti pit Gosplane SSSR [State Committee for the Petroleum Refining and Petrochemical Industry, Attached to the State Planning Committee of the U.S.S.R.] and others. Moscow, vol. II, no. II, Nov. 1986.

 - chers. Moscow, vol. 11, no. 11, Nov. 1900.

 Table of contents translated

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 - KHOLODIL'NAIA TEKHNIKA 1 TEKHNOLOGIIA [RE-FRIGERATION EQUIPMENT AND TECHNOLOGY] FRIGHERATION EQUIPMENT AND TECHNOLOGY]. Issued by Ministersity vysshego I srednego spotsint-nogo obrazovanita USSR [Ministry of Higher and Secondary Specialized Education of the Ukrainian S. S. R.]. Kiev, vol.39, no.3, May-June 1962. Table of contents translated:

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- Table of contents translated
 Krotkovich, P.G. Causes of the decrease of and
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- *KOKS I KHIMIIA [COKE AND CHEMISTRY]. Organ of Gosudarstvennyi komitct po chemoi I tsvetnot metal-lurgit pri Gospiane SSSR [State Committee for For-rous and Nonferrous Metallurgy Attached to the State Planning Committee of the U.S.S.R.] and others. Moscow, no. 6, 1982.
 - Table of contents translated: Garbar, A.K., Zhidko, A.S. Technological charac-teristics of coals from the newly built mines of the
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- 1965.
 Table of contents translated:
 Diarskaia, R. K., TSypkina, M. N. Change of the actd composition of lignosulfonic acids during thermal treatment. p. 3.
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- MASLOBOINO-ZHIROVAIA PROMYSHLENNOYF' (OILS AND FATS INDUSTRY). Organ of Gosudai stvennyt Fornitet po pishchevoi promyshlennosti pri Gosplanc SSSR and TSentral'noe praviente Mauchno-techniche SSM and TSential noe provente reasono-teanments stoge obschesten pishchevol promyshlennosti [State Committee for the Food Industry, Allached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Food Industry | Moscow, vol. 28, 1875 | 1989 no.6, June 1962
- car softh with the root industry and the softh with the soft of the functions of the oils and fals industry of the further growth of the oils and fals industry of the Ukarindan S.S.R. p. 1.

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- MOSCOW, KHIMIKO-TEKHNOLOGICHESKII INSTITUT, JSCOW, KHISING-FERMODOGICAL SMITTED Trudy [INSTITUTE OF CHEMICAL TECHNOLOGY. Transactions]. No. 41, 1963. Physical chemistry, technology of inorganic substances and silicates.

- technology of horganic substances and site ares.

 Table of contents translated:

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 - nology of organic substances.

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 Table of Londonts translated:
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- MOSCOW, VSESOIUZNYI NAUCHNO-ISSLEDOVATELI-SKII INSTITUT SINTETICHESKIKI I NATURALI-NYKH DUSHISTYKII VESHCHESTY, Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF SYN-NIND DOSIGNTIFIC RESIDENCH INSTITUTE OF SYNTHIFIC AND NATURAL PERFUMES. Transactions. No. 7, 1965. Chemistry and technology of odorous substances and ethorial oils.

 Table of contents it anstated:
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- NCFTCKHIMIA [PCTROCHEMISTRY] Issued by Alademita muk SSSR [Academy of Sciences of the U.S.S.R.]. Muscow, vol 3, no.5, Sep. Oct. 1963.

 - Moscow, vol 3, no. 5, Sep Oct. 1963.

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- *PLASTICHESKIF MASSY [PLASTICS] Organ of Mi-nisterstvo klimit heskol promyshlomosti SSSR [Ministry for the Chemical Industry of the U.S.S.R.]. Moscow, no 9,1962.
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 Issued by Gosudarstvennyl komitet po promyshlonnosti stroitel nykh materialov pri Gostroe SSSR
 [State Committee for the Butlding Materials Industry,
 Attached to the State Committee for Construction
 in the U.S.S.R.]. Moscow, vol.23, no.11, Nov.1986.
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- Table of contents translated:
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- tion of sensitivity in pholography and television. Part 1, Shortcomings of the existing systems of Part 1, Shortcomings of the existing systems of sensitivity evaluation and the information criterion of sensitivity. p. 133. Sheber stov, V. I. - Quantum yield of the photographic process on silver halide layers. p. 141. Grechko, M. K., Natanson, S. V., Al'perovich, M. A. -Specific characteristics of the formation of J.
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 - Table of contents translated:
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- AVTOMOBIL'NYE DOROGI [HIGHWAYS]. Issued by Gasud ristrennyi protzvodstvennyi komitet po trans-portnomu stroitel stru SSSR | State Production Committee of Construction for the Transportation Industry in the U.S.S.R.] Moscov, vol 29, no.11(289), No. 1966.
 Table of contents translated
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- BFTON I ZHELEZOBLTON [CONCRETE AND REIN-FCRCED CONCRETE]. Organ of Gosudustvennyl komittet po del im Strollel'siva SSSR [State Committee for Construction in the U.S. S. R.] Moscow, vol. 12, no. 130 Per. 1998. no.12, Dec.1966.
 - Table of contents translated,
 Mironov, S. A., Krylov, B. A., Ivanova, O. S. Hardening of concrete at temperatures below freezing
 - point, p. 1. kamentsey, V. P., Moizhes, L. B., Litymisey, L. E., -Improvement of rigging, equipment, and designs of in idge gliders with continuous reinforcement,
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- GIDROTEKHMICHESKOE STROITEL'STVO HYDRO-DROTERHNICHESROE STROITEL STVO I MYDRO-TECHNICAL CONSTRUCTION! Organ of Gosudar-stvennyl profivedstvennyl komitet po energetike i elekti ilikatsii SSSR and Nauchno-tekhnicheskoe ob-shehestve energeticheskoi promyshlennosti į State Production Committee for Power Engineering and Electrification in the U.S.S.R. and the Scientific Literification in the U.S.S.R. and the Scientific Technological Society of the Power Industry! Moscow, vol. 33, no. 7, July 1963.

 Table of contents translated.
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 - Verkhnyaya-Tuloma Hydroelectric Power Station.
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 - Kanarski, V. F. Earth dam of the Kiev Hydroelectric Power Station, p. 5. Lomize, G. M. and others, Packing sandy soils with electric discharges, p. 9. Rubbsoy, V. K., Estimating the degree of disturbance of a rock base in blasting, p. 13.

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- Vol. 33, no. 8, Aug. 1963. Pable of contents translated Salobatkov, D. V., Baranov, M. S. Operating the hydraulic structures of the Volga Hydrochectric
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 - Table of contents translated:
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 - Table of contents translated.

 Khayklu, L. M. Comparison of the various methods of selecting the components of lime concrete.

 - P. J.
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 NOI GIDROGEOLOGII, Laboraloriia inyhenernoi gidogeologii. Tudy fALL-UNION SCIENTIFIC RESEARCH
 INSTITUTE OF WATER SUPPLY, SEWERAGE, HYDRAULG STRUCTURES, AND ENGINERING HYDROGEOLOGY, Laboralory of Engineering Hydrogeology. Transactions. No.4, 1022.

 Table of contents transacted.
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- Table of collections translated.

 Table of collections translated.

 Table of collections translated.

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 - for Construction). Moscow, vol. 4, no. 10, Oct. 1963.

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 Table of contents translated:
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- Transportation of the U.S.S.R.J. Moscow, vol.10, no. 8, 1986.

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- TRANSPORTNOE STROIT EL'STVO [CONSTRUCTION FOR THE TRANSPORTATION INDUSTRY]. Or gan of Ministersivo transportingo stroitel'stva SSSR [Ministry of Construction for the Transportation Industry of the U S.S R.]. Moscow, vol. II, no. II, Nov. 1961
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- *TSEMENT [CEMENT] Organ of Gosudarstvennyl ko-mitet po promyshlennosti stroite! nykh materialov mitet po promyshiomosti stroitel hyb materiality pri Gosstroe SSE [State Committee for the Building Material industry, Attached to the State Committee for Construction in the U.S. S. R.]. Moscow, vol. 32, no. 6, Nov. Dec. 1966.

 Table of contents translated.

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- VODOSNABZHENIE I SANFTARNAIA TEKHNIKA IWAT ER SUPPLY AND SANITARY ENGINEERING. Issued by Gosudar-stvennyl komitet Sovela Ministrov SSSR padelam stroitel siya [State Committee of the Council of Ministers of the U.S. S. R. for Construction]. Mostow,
 - na.8, Aug. 1983.
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- VODOSNABZHENIE, KANALIZATSIA, GIDROTEKINI-CHESKIE SOORUZHENIIA [WATER SUPPLY, SEW-ERAGE, HYDRAULIC STRUCTURES]. Kiev, no.1,
 - 1966. Industrial sewerage and parification of waste water.

 Table of contents translated:
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- Smirnova, A. M. Effect of industrial sewage on the
- Seym Piver. p. 13. Smit nova, A. N. Effect of industrial sewage on the
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- VSESOJUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTI-SUDDIVITY MACHINO SELECTION AT ESTALLOV.
 SUDDINIA DESCRIPTION SCIENTIFIC RESEARCH
 INSTITUTE OF NEW BUILDING MATERIALS, Papers]. Moscow, no. 7(15), 1966. Glass plastics in building; collection of works.
- collection of works.

 Table of contents translated
 Zaitse, A.G., Volk, A.I., Cherkinskil, IU.S. Baste properties of glass plastics and their range
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- ZHILISHCHNOF STROIT LL'STVO [HOUSING CON-STRUCTION] Organ of Gosoidar stvennyr komitet po grazhdanskomu stroitel'stvu i arkhitekture pri-Gosstroe SSSR and TSentral'nee pravicale NTO stroitel'noi industrif [State Committee to: Civil Ingineering and Architecture, Attached to the State Committee for Construction in the U.S S R., and the Contral Administration of the Scientific Technological Society of the Building Industry]. Moscow, no 10, 1966.
 - no lõ, 1966,
 Table of contents translated*
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 - unickness for outside wall panels of insidential and public buildings, p. 6. Drocdos, P., yladimitros, V. Standardization of re-inforcements in complete product sets for large-panel residential buildings, p. 9. Shapiro, D., and others. Buildings with yielding
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- *ATOMNAIA ENERGHA [ATOMIC ENERGY]. Issued by Akademiia nauk SSSR and Gosudarstvennyi komitet po ispol'zovanitu atomnot energii SSSR [Academy of Sciences of the U.S.S.R. and the State Committee on the Use of Atomic Energy of the U.S.S.R.]. Moscow, vol. 21, no. 6, Dec. 1966.

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- ATOMNAIA TEKHNIKA ZA RUBEZHOM INUCLEAR ENGINEERING ABROAD]. Is sued by Gosudarstven-nyi komitet po ispoi zovaniju atomnoj energii SSSR State Committee for the Utilization of Atomic Energy in the U.S.S.R. . Moscow, vol. 10, nos. 1, 10,
- *AVTOMATIKA I TELEMPKHANIKA [AUTOMATIC AND REMOTE CONTROL]. Is sued by Institut avtomatikt I telemekhanik! Akademit nauk SSSR [Institute of Automatic and Remule Control of the Academy of Sciences of the U.S.S. R.]. Moscow, no. II, 1966.
 - Table of contents translated: Trukhan, N.M. Single-stage systems absolutely stable in the Hurwitzian angle, p. 5. Boguslavskii, I.A. Equations of stochastic control.

 - Vorob'ev, N.M., Medyedev, G.S. Optimal filliation of nonlinear functionals from gaussian processes

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- AVTOMATYKA [AUTOMATIC CONTRCL], Issued by Instytet kibernetyky Akademil nauk URSR [Institute of Cyternetics of the Academy of Sciences of the Uktainian S. S. R.], Klev, vol. II, no. 6, 1966,

 Table of contents translated

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 - p. 3. Bolchuk, L. M. Inverse method for structural syn-
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- FLEKTRICHESKIE STANTSH [ELECTRIC POWER STATIONS]. Organ of Ministersivo energetiki telekti filkatshi SSSR and Nauclino-tekhnicheskoe obshchestvo energetik hoskoi promyshlennosti [Ministry of Power and Educatification of the U.S.R. and the Scientific and Fluctification of the U.S.S.R. and the Scientific Technological Society of the Power Industry]. Mos-cow, vol. 37, no. 11, Nov. 1906.
 - Table of contents translated

 Zalogin, N. G. Features of using fuels with a high
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 - content of free calculum oxide in the ash in electric nower plants. p. 2, Gronskii, R. K., and others, Prestart Chemical Cleaning of a 300 Mw. block. p. 7. Vikin ev. (I.V. V. Pri Evhialkovskii, M. M., Shchetkin, V. S. Thermal operation of the radiational heating surfaces of the boller of a 300 Mw. block.
 - Oshbet g, Zh. L. Chi omatographic gas analyzer for continuous combustion control. p. 17. Rikhter, L. A., Kozlov, IU. G. Effect of the non-
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- *ELEKTRICHESTVO [ELECTRICITY]. Organ of Akademila nauk SSSR [Academy of Sciences of the U.S.S.R.], and others Mostow, no. 12, Dec. 1966.

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- *ELEKTROSVIAZ' [TELECOMMUNICATION], Organ of Ministerstvo sviazt SSSR and Nauchno-teklinicheskon obshchestvo radiotekhniki i elektrosviazi im, A.S.
 Popova [Ministry of Communication of the U.S.S. R.
 and the A.S. Popov Scientific Technological Society
 of Radio Engineering and Telecommunication]. Moscow, vol. 20, no. 12, Dec. 1000.
- Table of contents translated:

 Mel'nikov, IU, N. Selection of tedundancy for interference-proof codes with finite reliability of coding and decoding devices, p. 1.

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- *ELEKTROTEKHNIKA [ELCCTRICAL ENGINEERING]. Issued by Ministerstvo elektrotekhnicheskoi promyshlennosti SSSR (Ministry of Electrical Engineering industry of the U.S.S.R.) and others. Moscow, vol. 37, no, 12, Dec, 1966,
 - Table of contents translated Bron, O.B., Sushboy, L. K. Longitudinal flow of plasma in an electric arc. p. 1. Khalas, Sh. Calculation of mechanical transients
 - of electric drives with varying moment of inertia.
 - (p. t. Epshtein, I. I. Equations of the dynamics of an elec-tic drive with a frequency converter, p. 9. Astakhov, N. V., Dhamalutdinov, R. G. Heating of an end-type d.c. motor with printed armature
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- ENERGETICHESKOE STROITEL'STVO, sbornik materia-NERGETICHESROE STROITEL/STVO, sbornik materia-lov po obmenu opytom [POWER CONSTRUCTION, Col-lection of Materials for the Exchange of Experience]. Issued by Tokhnicherkoe upravionie Ministerstva stroitel'stva elektrostantsii SSER [Technical Admin-istration of the Ministry for the Construction of Electric Power Stations of the U.S.S. R.]. Moscow, no. 8(62), 1986.
- no. 3(62), 1990.

 Table of contents translated
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- Armothskii, I. M. Installation of heat insulation in 200 Mw. block of the Moldava State Regional Electric Power Plant. p. 7.

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- ENERGOKHOZIAISTVO ZA RUBE ZHOM; prilozhenie k zhurnalu "Elekti icheskie stantsti" [ELECTRIC POW-ER PRODUCTION AND UTILIZATION IN FOREIGN COUNTRIES, Supplement to the Periodical "Electric Power Stations"]. Issued by Gosuriarstrennoe energe-ticheskoe izdatel'stvo [State Power Enginco ing Pub-lishing House], Moscow, no.6, Nov.-Dec. 1966.
- MOSCOW, VSFSOIUZNYI NAUCHNO-ISSLEDOVATELI-SKII INSTITUT ELEKTROENERGETIKI, TIRAY [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF ELECTRIC POWER ENGINEERING, Transactions] No. 22, 1965.
- Table of contents translated

 Rozanov, M. N. Methods for determining optimal
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- MOSCOW, VSESOIUZNYI NAUCIINO-ISSLEDOVATELI-SKII INSTITUT MAGNITHOI ZAPISI I TERHNOLOGII RADIOVESHCHANIIA I TELEVIDENIIA, Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF MAG-NETIC RECORDING AND RADIOBROADCASTING AND TELEVISION ENGINEERING, Transactions !. No. 1(11), 1904.
- Table of contents translated:
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- PROMYSHLENNAIA ENERGETIKA [RIDUSTRIAL POW-ER], Organ of Ministerstvo energetiki i elektrifika-tsii SSSR and Nuchno-tokhnit herkoe obshchestvo energeticheskor promyshiennosti [Ministry of Powor und Electrification of the U.S.S. R. and the Sejentific Tochnological Society of the Powor Industry]. Moscos, vol. 10, no. 1, fan. 1961.
 Table of contents translited.

 - Concerning the objectives of the magazine "Promyshlemata Energetika" in 1961
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- Ripp, M. G. Problem concerning the error energy of the operation of water pumps in minos. p. 13. Fronth, E. N., and others, Improvement of a mold-ing machine for preparing concrete panels and covers with multiple hollow spaces, p. 14. Per'kova, N. I., and others, Electrolyzer for a large manufacture. p. 15.
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- Calculation and establishment of the axis of the erank shaft of units with multiple machines. p. 43. Murav'ev, V. P. Concerning the calculation of a low-voltage cable network for mines with consideration of starting conditions. p. 47. Glezer, I. B. Gas-filler 10, 000 kva power transformer (from "Electrical Engineering," no. 8 1959, and "Electrical World," no. 2, no. 9 1959, and no. 7 1960). b. 52.
- "Efectrical World," no. 2, no. 9 1959, and no. 7 1960). p. 52.
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- RADIOTEKHNIKA I ELEKTRONIKA [RADIO ENGINEER-ING ANO ELECTRONICS]. Issued by Akademiia nauk SSR [Academy of Sciences of the U.S.S.R.]. Mos-cow, vol. II, no. 11 Nov. 1966
 - Table of contents translated
 Akimanov, S. A., Chirkin, A. S. Doubling of the
 frequency of a spectral line with finite width and
 wave interactions in a nonlinear medium. p. 1915
 Chacaskii, E. V. Distribution of energy flow created
 by a system of random monochromatic sources.
 - n. 1927. Dorfman, L. G., Filatov, V. V. - Electrical parameters
 - of a wave-guide slot bridge, p. 1933. Tereshin, O. N., Gurov, A. E., Antipenkov, I. I. Antenna
 - with limited excitation zone, p. 1944. Sodin, L. G. Statistical analysis of nonequidistant
 - antenna arrays, p. 1953.
 - Matveev, R. F. Analysis of the propagation of beamguide waves in a nonunifor m medium. p. 1960. Rodimov, A. P. - Degree of radio signal polarization. p. 1967,
 - P. 1891.
 Sizonov, D. M., JAkushkin, I. G. Electromagnette excitation of a finite metal cone. p. 1974.
 Taranenko, V. P., Shevchenko, V. I. Selection of
- Taranenko, V. P., Shevchenko, V. I. Solection of optimum diameter of the transit channel of a traveling-wave tube. p. 1986.
 Dudlov, V. N. Contribution to the theory of Brillouin electron streams. p. 1994.
 Val'd-Perlov, V. M., Krasilov, A. V., Tager, A. S. Avalanche transit diode, a new semiconductor interconvave device. p. 2008.
 Gushchin, M. N. Theory of unipolar space-charge.
- limited nonstationary currents in a solid. p. 2021.
- Violina, G. N., Kholulanov, G. F. 7 -photoconductance and negative resistance of p-n junctions in SiC. p. 2034.
- Galavanov, V. V., Zilakhanov, U., Nasledov, D. N. Straight branch of the voltampore characteristics
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- ol, 11, no. 12, Dec. 1996.

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- RUSSIA (1923 U. S. S. R.) Ministerstvo vyssingo i siechiego spetstal nogo obi azovanila, izvestita vyssiikh uchebnykti zavedenit, rekktiomediarnika (Ministry of Higher and Secondary Sperialized Pducation, Bulletin of the Institutions of Higher Learning, Liectical Manisters and Augustusia. Mangabanesk part 1 Machinery and Apparatus]. Novocherkassk, vol. 9, no.10, 1960.
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- NERGETICHESKOE STROITEL'STVO; sbornk materialov po obmonu opytom [POWER CONSTRUCTION; Collection of Materials for the Exchange of Experience]. Issued by Tekhntcheskoe upravionio Ministorstva stroitel'stva eloktrostantsii SSSR [Technical Administration of the Ministry for the Construction of Electric Power Stations of the U.S.S.R.]. Moscow, no. 8(62), 1986.

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- MOSCOW, VSESOIUZNYI NAUCHNO-ISSLEDOVATELI-SKII INSTITUT ELEKTROENERGETIKI, Tiudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF ELECTRIC POWER ENGINEFRING, Transactions]. No 22, 1965.

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- MOSCOW, VSESCHUZNYI NAUCHNO-ISSLEDOVATELI-SKII INSTITUT MAGNITNOI ZAPISI I TEKHNOLOGII RADIOVESHCHANIIA I TELEVIDENIIA, Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF MAG NETIC RECORDING AND RADIOBROADCASTING AND TELEVISION ENGINEERING, Transactions],
- AND TELEVISION ENGINEERING ATMINISTRATION OF TABLE OF CONTENTS TRANSlated:
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- PROMYSHLENNAIA ENTRGETIKA [INDUSTRIAL POW-ER]. Organ of Ministerstvo energetiki i elektrilip to the SSSR and Nauchno-tekhnicheskoe obshichestvo energeticheskoi promyshlennesti [Ministry of Powor and Electrific uton of the U.S.S. R. and the Schunlific and Clectrift atton of the U.S.S.R. and the Scientift Technological Society of the Power Industry, Mos-cow, vol.16, no.1, Jan. 1901. Table of contents translated; Concerning the objectives of the magazine "Promy-sk-lemata Energetika" in 1901. Nekrasov, A.S., Siniak, 1U.V. - Comparison of unit expenditures of electric power and gas in heating processes. In 1

- expenditures of electric power and gas in heating processes, p. 1.

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* RADIOTEKHNIKA I ELEK FRONIKA [RADIO ENGINEER-ING AND ELECTRONICS] Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. ii, no. ii Nov 1966.

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Rodimov, A. P. - Degree of radio signal polarization, p. 1967.

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RUSSIA (1923 - U.S.S.R.) Ministersivo vysohego i srednego spetislal'nogo obrazovanila Izvestila vysohikh uchchnykh zavedenil, elektromekirnika [Ministry of Higher and Secondary Specialized Fducation Butletin of the Institutions of Higher Learning, Electrical

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- *VESTNIK SVIAZI [COMMUNICATION REVIEW], Issued by Ministon sive avinzi SSSR and TSentraling Fortiet Profsoiuza rabotnikov sviazi, rabocnikh avionobilinego transporta i sliosselnykh denog [Ministry of Communication of the U. S. S. R. and the Central Committee of the Trade Union of Communications Employees and Workers of Automotive Transportation and Highways]. Moscow, vol. 26, no. II(320), Nov. 1996.
 - 1966.
 Table of contents translated: Honoring the glorious 50th anniversary. p. L.

- Problem ov, A. M Instrument for paneramic measurements. p 3

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- *AKADEMIIA NAUK URSR, Kiev. Instytut elektrozvariu-annta. Avtomaticheskala svarka [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S. R. Institute of Electric Welding, Automatic Welding]. Kiev, vol. 19, no.12(165), Nov. [t.e. Dec.] 1966.
- no.12(165), Nov., i.e. Dec.] 1966.

 Table of contents translated Makhmenko, V.I. Catculating diffusion in a two-phase medium with a moving phase boundary. p. 1.

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- BUMAZHNAIA I DEREVOOBRABATYVAIUSHCHAIA PRO-MYSHLENNOST [PAPER AND WOODWORKING IN-DUSTRY], Issued by Institut tekhnicheskol informatsii Gosudarstvennogo komiteta Sovota Ministrov Ukrain-skoi SSR po koordinatsil nauchno-issledovatel'skikh rabot Institute of Technical Information of the State Committee of the Council of Ministers of the Ukrainlan S.S.R. for the Coordination of Research]. Kiev, no. 3, July-Sep. 1962.
 - Table of contents translated; Kossovskii, G.N., Efimenko, IU.I., Strizhevskii, M.P. - Automatic line with programmed control of the adjustment of the "UkrNIIMOD-3" machines,

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- BUMAZIINAIA PROMYSHLENNOST' [PAPER INDUS-TRY). Organ of Gosudai stvennyi konitet po lesnoi, tselliulozno-bumazimoi, dai swobi abatyvaiushchei pi omyshlennosti i lesnomu khozialstvu pri Gospiane SSSR and TSentral'neo pi avleniu NTO bumazimoi i derevoobrabatyvaiusheher promyshlennosti [State Con nittee for the Forest, Woodpulp, Paper, and Woodworking Industries and Forestry, Attached to the State Planning Committee of the U.S.S. R., and the Central Administration of the Scientific Techno
 - logical Society of the Paper and Woodworking Industry], Moscow, vol. 37, no. 4, Apr. 1962.

 Table of contents translated Increase of labor productivity is a daily concern
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- *DCREVOOBRABATYVAIUSHCHAIA PRCMYSHLEN-NCST' [WOODWORKING INDUSTRY]. Issued by Gosudatstvennyl komitet po lesnot, tsellfulozno-bumazhnot, delevoobrabatyvalushchel promyshlen-nosti I lesnomu khoziaistvu pri Gosplane SSSR and TSontal'noe pravlenie NTC bumazhnol i derovo-byzhotyanyshchel accomyshlenosti [State Computer Isontarino pravione tric unmarino i derove obrahatyvalushchig promyshlennosti [Sate Committee for the Forest, Woodpulp, Paper, and Woodworking Industries and Forestry, Atlached to the State Planning Committee of the U.S.S. R., and the Central Administration of the Scientific Technological Society of the Paper and Woodworking Industry]. Moscow,
 - of the Paper and woodworking industry, industry, vol.15, no.12, Dec.1906.

 Table of contents translated:
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 - Table of contents translated; Sheremet, O. O., Diuzhyna, M. IA. Automatic GSh hydraulic apparatus, p. 3.
 - Llubyns'kyi, M. M., Shykunov, IA. S. Mechanized
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 - Table of contents translated Lukhanov, $B,\,M_{\rm c}$ Increase the forest wealth of the
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- MUKOMOL'NO-ELEVATORNAIA PROMYSHLENNOSI' [FLOUR MILLING AND GRAIN STORAGE]. Organ of Gosudai stvennyl komiltel zagotovak Soveta Ministrov SSR (State Committee for Procurement of the Council of Ministers of the U.S.S.R.]. Moscow, vol.32, no 11, Nov. 1966,
- Table of contents translated 49th anniversary of the Great October, p. 1.

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- OBSHCHEST VENNOE PITANIE [PUBLIC FOOD SERV-ICE] Issued by Gogudareivennyl kon itet Soveta Ministrov SSSR po torgovic [Saite Committee of the Council of Ministers of the U.S. S. R. for Commerce], Moscow, no. 1, Jan. 1967.

- RUSSIA (1923 U. S. S. R.) Ministerstvo vysshego i si cdnego spetsial nogo obi azovanila Izvestila vysshikh uchebiykh zavedenil, tekhnologi a legkol promyshlennosti [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learn-Technology of Light Industry]. Moscov, no. 5(53),
 - Table of contents translated Kucingis, A. Melhod for modeling the pilling of schilwoolen sittched-knit nonwoven fabrics. p. J. Boltsova, A. M., Sukharev, M. I. Classification of
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- * RUSSIA (1923 U.S.S.R.) Ministerstvo vysshego i siednego spetsini nogo obrazovanija, izvestila vysshikla uchebnykh zavedenij, tekhnologija (ekstil noi promysh-Iennest [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Technology of the Textile Industry]. Moscow, no. 5684, 1966.
 - Table of contents translated.
 - Factor of contents translated:
 Fremewa, Z.A., Kutepova, K.V.- Economic effectiveness of the use of various types of cord fabries in the production of tires. p. 3.
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- *AVTOMETRIIA (AUTOMETRY). Issued by "libtrskee otdelenie Akademit nauk SSER (Siberlan Department of the Academy of Sciences of the U.S. S.R.). Novosibirsk, no. 3, 1968.

 Table of contents translated.

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- ELEKTRICHESKAIA I TEPLOVOZNAIA TIAGA [ELFC-TRIC AND DIESEL LOCOMOTIVE TRACTION].
 Organ of Minister sivo putel socishchenita "SSR [Ministryc" Railroad Transportation of the U.S. S. R.].
 - Istry C. Raitroad Transportation of the V.S.S.R.,.
 Moscow, vol.10, no.10(118), Oct.1966.
 Table of contents translated.
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 - Table of contents translated

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- the Academy of Sciences of the Urialnian S. S. R. J. Kley, no. 1, 1965.

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- KUZNECHNO-SHTAMPOVOCHNOE PROIZVODSTVO [FORGING AND STAMPING]. Organ of Gosudar-stvennyl komitet po mashinostroenllu pri Gospiane SSSR and Nauchno-tekhnicheskoe obshchestvo sssit and reaction-technicheskoe obstachestyo mashinosit olici'nio promyshlemnosii [State Committee for Machinery Manufacture, Attached to the State Planning Committee of the U.S.S.R., and the Scientific Technological Society of the Machinery Industry]. Moscow, vol. 8, no. 12, Dec. 1960.
 - Table of contents translated:
 Zalesskii, V.I., and others. Distribution of deformations during drawing of large forgings. p. 1.
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- MOSCOW, EKSPERIMENTAL'NYI NAUCHNO-ISSLEDO-VATELISKII INSTITUT KUZNECHNO-PRESSOVOGO MASHINOSTROENIA. (Nauchnye trudy) [EXPERI-MENTAL SCIENTIFIC RESCARCH INSTITUTE FOR MENTAL SCIENTIFIC RESIZERCH INSTITUTE FOR PRESS FORGING IN MACHINIZEY MANUT ACTURE (Studies)] Moscow, No.14, 1968. Study and design of new piess-longing machines.

 Table of contents translated

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- MOSCOW, MOSKOVSKII INSTITUT INZHENEROV ZHE-LEZNODOROZIINOGO TRANSPORTA, Trudy MOS-COW INSTITUTE OF ENGINEERS OF RAHROAD TRANSPORTATION, Transpettors! No. 248, 1906. Application of mathematical analysis methods and computers in economic calculations.
 - Table of contents translated: Villanova, T. I. Prerequisites for the efficient use of electronic computers in economic calculations,

 - of electronic computers in economic calculations, as exemplified by locomotive and railroad car repair plants, p. 6.

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- MOSCOW, VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ZHELEZNODOROZHNOGO TRANSPORTA. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF RAILROAD TRANSPORTATION,
 Transactions], No. 328, 1966,
 Contents. Fedoseev, A.V. [Ways of raising car durability] Puti povyshenita procluosti vagonov.
 193 p.
- PRIKLADNAIA MEKHANIKA [APPLIED MECHANICS]. Issued by Otdelenie matematiki, mekhaniki i kibernetiki Akademii nauk Ukrainskoi SSR [Dopartment of Mathematics, Mechanics, and Cybernetics of the Academy of Sciences of the Ukrainian S, S, R,]. Kiev, vol. 2, no. 11, 1966.

 - Table of contents translated: Kit'chevskit, N. A., Konstantinov, A. Kh. Lateral elastic impact of a ball on an anisotropic plate.
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- REFERATIVNYI ZHURNAL: ZHELEZMODOROZHNYI TRANSPORT (JOURNAL OF ARSTRACTS: RAIL-ROAD TRANSPORTATION), issued by institut anchinot informatisti Akademii nank SSSR [institute of Scientific information of the Academy of Sciences of the U.S.S.R.]. Moscow, no.1, Jan. 1967.
- SERIIA "VAGONY I VAGONNOE KHOZIAISTVO" [SERIES "RAILROAD CARS AND CAR MAINTENANCE"], Is-sued by TSentral'nyi institut nauchno-tekhnicheskoi sued by TSentral'nyl institut nauthno-textnitcheskol informatsit i propagandy zheleznodorozhnogo transporta (Central Institute of Scientific and Technical Information and Propaganda of Railroad Transportation). Moscow, no. 4, 1964
 Contents: Popoy, A.N., Rozinskii, F.B., [Factory repair of freight cars and their nodes on conveyors] Zavodskol remont grazových vagonov i ikh uzlov na konvotrakh, 30 n.
 - konveteraklı 39 p.
- No. 5, 1964.
 - Contents Chirkin, V. V. [Basic trends in develop-ing car yards on foreign railroads, a review[Os-novnye lendentsit razvittla vagonnogo parka na za-rubezhnykh zheleznykh dorogakh, obzor. 37 p.
- No. 6, 1964.
- .6, 1994.
 .6, 1994.
 Contents: Alekseey, V. D., Zirin, S. V. [Advanced technology in Inspection and running maintenance of cars at points of technical inspection, information cards 1-8] Peredovata technologiia osmotra I technicals inchego remona vagonov na punktaki technicheskogo osmotra, informatslonnye karty No. 1-8. 25 p.
- STROITELINYE I DOROZHNYE MASHINY JCONSTRUC-TION AND ROAD MACHINERTY, Organ of Minister-stvo stroitel*nogo, dorozhnogo i kommunal*nogo ma-sitinostroenila SSSR [Ministry of the Manufacture of Construction, Road, and Communal Machinery of the U.S.S.R.], Moscow, vol.8, no.6, June 1963.

 - U.S. S. R. 1, Moscow, vol. 8, no. 6, June 1968.

 Table of contents translated

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- Vol. 8, no. 8, Aug. 1963.

 Table of content etranslated
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 - August 1, 1, v. General moments of the authority of machinery, p. 2, Lozovol, D. A. Indices for the comparison of type sizes of construction machines, p. 4, Pecherskikh, N. I. 'The D-523 scraper with hydraulic

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- *TEPLOTNERGETIKA [HFAT ENGINEERING]. Organ of Akademita nauk SSSR [Academy of Sciences of the U.S.S.R.] and others. Moscow, vol.8, no.2, Tch.
- U.S.S.R.] and others. Moscow, vol.8, no.2, Pch. 1961.
 Table of contents translated:
 Mironov, V.D., Lenov, N.N., Pautin, N.V. Prospects and conditions for the application of control machinery for the automation of unit system installations. p. 3.
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- TRAKTORY I SEL'KHOZ MASHINY [TRACTORS AND AGRICULTURAL MACHINERY]. Organ of Gosudar-stvennyi komitet avtotraktornogo i sel'slokkozlat-stvennogo mashinostroenia pri Gospiane SSSR [State Committee for the Tractor and Agricultural Machinery Industry, Attached to the State Planning Committee of the U.S.S.R.]. Moscow, no.12, Dec. 1965.
 - Table of contents translated Khallin, M. A., Gerasimov, G. G. Operational re-liability indices of the "Kirovets" K-700 tractor.
 - Eidel'man, IA. L., and others. Causes of the coke clogging of the nozzle orifices of the fuel injectors of the engines designed by the Vladimin Tractor
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- *VESTNIK MASHINOSTROENHA [MACHINERY MANU-FACTURE REVIEW]. Organ of Gosudarstvennyi ko-mitet po koordinatsii mauchino-tssiedovatel'skikh na-thot SSSR [State Committee for the Coordination of Research in the U. S. S. R.] and others. Moscow, vol.46, no.12, Dec. 1966.

 - vol.46, no.12, Dec. 1966.

 Table of contents translated.
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- ZHELEZNODOROZHNYI TRANSPORT [RAILROAD TRANSPORTATION]. Organ of Ministerstvo putel soobshchenila SSSR [Ministry of Rallroad Transportation of the U.S.S.R.]. Moscow, vol. 48, no. 6, June
 - Table of contents translated; Basic direction in developing ratiroad transportation.
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- AKADEMIA NAUK KAZAKHSKOI SSR, Alma-Ata, Institut metallangii i obogashchenila, Trudy JACADEMY OF SCIENCIS OF THE KAZAKHS, 6, R Institute of Metallangy and Ore Dressing Transactions J. Alma-Ata, vol. 18, 1805 Theory and practice of macaging almahas confessions and practice of macaging almahas confessions are materials of processing alumina containing raw materials of
 - Table of contents translated Ni, L P., Perekhrest, G. L., Ponomarev, V.D. Kmeties of interaction in the system Nago -

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- AKADEMIA NAUK SSR. Institut portuchlik iskopaemykh.
 Trudy [ACADEMY OF SCIENCES OF THE U.S. S.R.
 Institute of Mineral Fuels. Transactions]. Moscow,
 vol. 18, 1062. Gorluchie gazy [Fuel gases].
 Table of contents translated:
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 and Gosudarstyonnyl konsitet Soveta Ministrov Azerbaidzhanskoi SSR po koordinatell nauchno-ispledovatolyskikh labol (Economic Council of the Azerbailan
 S.S.R. and the State Committee of the Council of
 - Ministers of the Azerbaijan S. S. R. for the Coordination of Research]. Baku, vol. 42, no. 3(441), Mar. 1963. Table of contents translated: All-Zade, A. A., Akhmedov, G. A., Daidhekova, E. A. Recent data on the nature of the occurrepte of bitumen in the Cretaceous sediments of northern
- tumen in the Cretaceous sediments of horthern Kobystan. p. 1.
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- Vol. 45, no. 9(483), Sep. 1966, Table of contents translated; Orudzhev, V.A. Oil reservoirs in deposits of producing formation of Darvin Shoal oil field,
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- Table of contents translated. Khurshudov, V. A., Balaboshko, V. V., Koden d A.A. - Results of using gas cut sharey for al-ing circulation lesses, p. 3. Khon-Pak, A. T., and others. - New reagon for
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- *GFOLOGIJA NEFTI I GAZA Í THE GFOLOGY OF PE-TROLEUM AND GAS], Organ of Gosudarstvennyi geologicheskii komitet SSSR and Gosudarstvennyi periogramment sommet soon and obstact venty)
 profized streenly i kemittet pe gazevoi premyshtennosti SSSR (Sixte Geological Committee of the
 U.S.S. R. and the State Production Committee for the Gas Industry of the U.S.S.R. | Moscow, vol. 10, no. 11, Nov. 1986. Table of contents translated

 - Table of contents translated *
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- GEOLOGIIA RUDNYKJI MESTOROZIJDENII (GEOLOGY OF ORE DEPOSITS], Issued by Akademita nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 8, no. 6, Nov. -Dec. 1906.
 - Table of contents translated:
- Table of contents translated:
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- GORNYI THURNAL [MINING JOURNAL] Orgin of Gosu-diretvennyi komitet po chemoi I tavelnot metallurgii pit Gospline SSSR [State Committee for Fortous and Modernous Metallurgy, Attached to the State Planning Committee of the U.S. S. R.] and others. Moscow,

 - Committee of the U.S. S. R. | and others. Moscow, no. II, Nov. 1996.

 Table of contents translated
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- No. 12, Dec. 1966, Table of contents translated Chirkov, IU. I., Rudonko, A. I., Zymalev, G. S. In-fluence of the intensity of mining mineral deposits in Krivoy Reg Basin upon labor productivity and

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- LENINGRAD, GORNYI INSTITUT. Zapiski [INSTITUTE OF MINING, Records], Vol.39, no.3, 1981. Theoretical mechanics. Theory of clasticity,
 - Table on contents translated.
 - Table on contents translated.

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- Vol. 59, no. 2 1966. Mathematical methods in geology
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- *LITEINOE PROIZVODSTVO [FOUNDRY PRACTICE]. Organ of Gosudarstvennyi komitet po koordinatsir nauchno-issledovatel'skikh rabot SSSR [State Committee for the Coordination of Rescarch in the U.S. S. R.] and others. Moscow, no. II, Nov. 1963 Table of contents translated.
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- Evistratov, IU. A., and others. Plans of the All-Union State Standard for steel castings. p. 37. Berlin, V. I., Zakharov, B. V. New All-Union State Standard for steel casting. p. 33. Martenbakh, L. M., Cunfriev, I. A. Thirty-second International Congress of Foundrymen. p. 40. Panticleov, V. M., Vinnichenko, P. G., Pelrik, G. K. -Latvian Republican Scientific and Technical Con-ference on progressive technology in founding.
- MASHINY I NEFTIANOE OBORUDOVANIE [MACHINERY AND PETROLEUM EQUIPMENT]. Issued by Gosudarstvennyl komitet po topllynol promyshlennosti pri Gosplane SSSR and Tsentral'nyl nauchno-issledovatel'skil institut informatsi i tekniko-eknomicheskikh issledovanii po neftianol i gazovot promyshlennosti [State Committee for the Fuel Industry, Attached to the State Planning Committee of the U.S.S. R., and the Central Scientific Research Institute of Information and Technological-Economic Studies on the Petroleum and Gea Industry. Moscow. no. 9, 1986. and Gas Industry]. Moscow, no.9, 1986.
 - Table of contents translated:
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- cow, no. 4, 1906,

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- METODIKA I TEKHNIKA RAZVEDKI [PROSPECTING METHODS AND EQUIPMENT]. Issued by Vsecouz nyl nauchno-issiedovatel'skil institut metodik i tehniki tavedki [All-Union Scientific Research Institute of Prospecting Methods and Equipment]. Leniqurad, no. 52, 1966. Porchole magnetometry.
- Table of contents translated: Barlnov, E. A., Mukhin, B. M. Apparatus TSM-3 for borehole measusement of three components of a
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- NEFTEGAZOVAIA GEOLOGIIA I GEOPIZIKA [PETRO-EFTEGAZOVAIA GEOLOGIIA I GEOFIZIKA [PEFRO-LEUM AND GAS GEOLOGY AND GEOFITISS.] Issued by Gosudaistvennyi komitet neitedohyvatu-shchei promyshlennosti pri Gosplane SISR and ISentral'nyi nauchno-iseledovatel'skii institut tekhni-ko-ekonomiches ika neeledovanii po neitanoi, neite-khimicheskoi i givovoi pionivshlennosti [State Com-mittee for Petroleum Production, Attached to the State Planning Committee of the U.S. S. R., and the Central Scientific Research Institute of Tech-nological-Economic Studies on the Petroleum, Petrochemical, and Gas Industry]. Moscow, no. 12, 1866.
 - Table of contents translated Khat'ianov, F. I., Filippova, E. A. New data on search prospects for gas-and oil-bearing anticlinal folds of Basakiria and Orenburg Province region of
 - cis-Unals. p. 3. Tsirel'son, B. S., and others. Characteristics of formation of some brachyanticilnal folds in Kyzyl Kum in connection with estimating its oil and gas
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 - Table of contents translated;

 - Table of contents than slated:
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- NET TIANAIA I GAZOVAIA PROMYSHLEHMOST! [PE-TROLEUM AND GAS INDUSTRY] Issued by Institut tekhnicheskoi informatsia Gosudarstvennego komikda Sovela Ministrov Ukrainskoi SSR po koordinatsii nauchno-isaledovatel'akikh rabot and Ukrainakoe respubli-kanakoe pravlence Nauchno-tekhnicheskogo obshchuration of the state of the state Committee of the Council of Ministers of the Ukrainian S.S.R. for the Coordination of the Ukrainian S.S.R. for the Coordination of Research and the Ukrainian Republic Administration of the Scientific Technological Society of the Petroleum and Gay Industry]. Kiey, no.1(13), Ian, -Mar, 1963.
 - Table of contents translated

 - Table of contents translated
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 Table of contents translated:
 - Table of contents translated:
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- NEFTIANIK [THE PETROLEUM WORKER]. Issued by Ministersive neitedobyvalushchei promyshlennosti SSSR [Ministry of Petroleum Production of the U.S.S.R.] and others Museow, vol. II, 110, II, Nov. 1966.
 - Table of contents translated.
 - Table of contents translated.
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- EFTIANOE KHOZIAISTVO [PETROLEUM INDUSTRY],
 Organ of Goudarstvernyl komitet neitedobyvatushchoj
 promyshlennosti pri Gosplane SSR [State Committee
 for Patroleum Production, Attachod to the State
 Plainting Committee of the U.S.S.R.] and others,
 Moscow, vol. 41, no. 9, Sep. 1963.
 Table of contents translated:
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- OBOGASHCHENIE RUD (ORE DRESSING), Issued by Vsesoluznył nauchno isoledovatel skii i prosktowi Institut mukhanicheskol obrabotki poleznykh iskopac-mykh [All-Union Scienctific Research and Planning Institute for the Mechanical Processing of Minerals.
 Leningrad, vol. II, no 3(63), 1966.
 Table of contents translated

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- * POROSHKOVAIA METALLURGHA [POWDER METAL-LURGY]. Organ of Institut metallokeramiki 1 spetsial'-nykh splavov AN USSR [Institute of Ceramic Metals and Special Alloys of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 6, no. 11(47), Nov. 1066.
 - Table of contents translated:
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 Table of contents translated Shelakhin, P.I. - Towards a broader movement for comvenist labor. p. 1.

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- RETERATIVEYI ZERURNAL: GORNOE DPLO [JOURNAL OF ABSTRACTS: MINING]. Issued by Institut inachinet informatsif Akademii mark SSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, no.1, Jan. 1967.
- *REFERATIVNYI ZHURNAL: METALLURGHA [JOURNAL OF ABSTRACTS: METALLURGY] I send by Institut nauchnol informatsti Akadendi nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, no.1, Jan. 1967.
- RUSSIA (1923 U.S.S.R.) Ministeratvo vysshego i srednego spotsial nogo obrazovania. Izveshia vyssheh uchebnykh zavedenii, chernala melalin gita [Minishy of Higher and Secondary Specialized Pote atton. Bulle in of the Institutions of Higher Learning, Perrana Melaling]. Moscow, vol. 9, no. 12, 1966.
 - Table of contents translated Gel'd, P.V., Leim, S.M., Seich emikov, N.N. -Thermodynamics of higher manganese silicides,
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- RUSSIA (1923- U.S.S.R.) Ministerstvo vyschego t srednego spetslal nego obrazovanila. Izvestila vysshukh uchebnykh zavedenil, geologila i razvedka [Ministry of liigher and Secondury Specialized Education. Bulletin of the Institutions of Higher Learning; Geology and Prospecting). Moscow, vol. 6, no. 1, Jan. 1963
- Prospecting]. Moscow, vol. 6, no. 1, Jan 1963

 Table of contents translated
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 - Table of contents () anslated.

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- SHAKHTNOE STROITEL'STVO [MINE CONSTRUCTION]. Organ of Gosudatstvomnyi komitet Soveta Ministrov SSSR po dolam stroitel stva and Tsential noe pravie-SSSR po dolam stroiterstva and Tsental noe pravisate Nauchno-tekinichesvoog opravogo obslichestva [State Committee of the Councit of Ministers of the U.S. S. R. for Construction and the Contral Administration of the Scientific and Tschnological Mining Society]. Moscow, vol. 10, no. 11, Nov. 1986.

 Table of contents translated;
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- *STAL' [STECL]. Organ of Gosudaretvennyl komitet po chernol I tavelnoi metallurgil ori Gosplane SSSR State Committee for Forreus and Nonferrous Metallungy, Attached to the State Planning Committee of the U.S. S.R.] and others. Moscow, vol. 20, no. 12, Dec. 1956.
- Table of contents translated:
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- TRANSPORT I KHRANENIE NEFTI I NEFTEPRODUK-RANSPORT I KHRANENIE NEFTI I NEFTEPRODUKTOV (TRANSPORTATION AND STORAGE OF PETROLEUM AND PRODUCTS). Issued by Gosudarstvennyi komitet neitedobyvalushchol promyshlennesti pi Gospiane SSSR and TSentral'nyi nauchno-issuedovatet'skil institut tekhniko-ekonomicheskikh issledovanit po neitlanoi, neitekhinicheskol i gazevol promyshlennest! State Committee for Petroleum Production, Attached to the State Planning Committee of the U.S.S.R., and the Central Scientific Research institute of Information and Technological-Economic Studies on the Petroleum, Petrochemical, and Gas Industry]. Moscow, no. 10, 1966, Table of Lontents translated
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- UGOL' [COAL]. Issued by Gosudarstvennyt komitet po Foot din itskil muchno-is eledovatel skikh i abot SSSR [State Conn attee for the Coordination of Research in the Unn , R.] and others, Moscow, vol. 41, no 12(485), i.e., 1906.

 - no 12(484), i.e., 1966.

 Table of contents translated.

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a. MILITARY SCIENCE

- BLOKNOT AGITATORA [THE AGITATOR'S NOTEBOOK]. Armit I Voenno-Morskoe upravlente Sovetskol Armit I Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy], Mos-cow, vol.25, nos.1-2, Jan. 1967.
- Bratstvo kolysinikii voiakiv persiioi ukrain-skoi dyvizii ukrainskoi narodnoi armii. Visti [Brotheriiood of Former Soldiers of The First ukrainian division of Thie UKRAINIAN NATIONAL ARMY, News J. Munich, vol. 17, no. 122, 1986.
- KOMMUNIST VOORUZHENNYKH SIL [COMMUNIST OF THE ARMED FORCES]. Issued by Glavnoe politiche-skoe upraviente Soveiskoi Armit i Voenno-Morakogo Flota [Main Political Administration of the Soviet Army and Mavy . Moscow, vol. 3, no. 10, May 1963.
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- NASHI VESTI [OUR NEWS]. Published by Sotuz chlico, Russkogo kotpusa [The Association of Members of the Russian Corps] New York, vol. 22, ac 24s, Pt. 1960, vol. 23, nos. 247-249, Jan. -Mar. 1967.
- RODIMYI KRAI [NATIVE LAND], Issued by Dans of voiskovoe ob edinenie [Don Cossack Association], Parts, no.67, Nov. Dec. 1986,
- STARSHINA SERZHANT [NONCOMMISSIONED OFF CERS]. Issued by Ministerstvo oborony Sysit [Ministry of Defense of the U.S.S.R.]. Moscow, no. 417 [https://doi.org/10.1001/j.j.ministry.com/page/10.1001/j. Jan. 1967.
- VESTNIK PERVOPOKHODNIKA [HLRALD OF THE LIET ESTNIK PERVOPOKIODNIKA [HLRALD OF 413 FIFT CAMPAIGN VETERANS]. Issued by Practicule hat a chiskopo obshchestva uchashukov lego Kuban-vago generata Kornilova pokhoda [Administration of the California Association of Veterans of General hurling by First Kuban Campaigal, Los Angeles, aus, 81, 2 63/64, Oct. Doc. 1906 - Jen. 1967.
- VISTI KOMBATANTA, VETERANS' NEWS, Is suited by United Ukrainian War Veterans in America and others New York, no. 4/5(25-26), 1966.

6 NAVAL SCIENCL

- LENINGRAD, INSTITUT VODNOGO TRANSPORTA, Tr dy [INSTITUTE OF WATER TRANSPORTATION. Transactions]. No. 81, 1965. Theory, design, and technical operation of vessels of the river fleet.
- technical operation of vessels of the river lick.

 Table of contents translated:
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- MORSKOI SBORNIK; zhurnai Voenne-Morskogo Flota Soiuza SSR [NAVAL REVIEW, Magazine of the Soviet Navy]. Vol. 49(119), no.10, Oct. 1986.
- Table of contents translated:
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- MOSCOW, GOSUDARSTVENNYI PROEKTNO-KONSTRUK-TORSKII I NA UCHNO-ASSLEDOVATEL'SKII INSTITUT MORSKOGO TRANSPORTA, Trudy (STATE DESIGN AND SCIENTIFIC RESEARCH INSTITUTE OF MA-RINE TRANSPORTATION. Transactions]. No. 7(13), 1965. Problems in the operation of the merchant m irine.
- Table of contents translated
 Gorbatyi, M.M. Problems in furnishing a basis for
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- No. 9(15), 1966. Hydraulic construction work in ports.

 - ,0(16), 1966. Hydi aulic construction work in ports.
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PART C

List of Periodicals Indexed and Abbreviations Used

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Agitator (6) Agrokhimita	Agitator [Agitator] Agrokhimila (Agrochemistry)	Biul. MOIP. Otd geol, (12c)	Moskovskoe obshchestvo ispylatelei prirody. Biulleten'. Oldol geologicheskil (Moscow Naturalists' Society. Bulletin, Geological Section)
(16a) Aktinometr. ezhem. (13f)	Aktinometricheskii ezhemesiachnik [Actinometric Monthly]	Blul. mezhdu - nar. nauch	Biulleten' mezhdunarodnykh nauchnykh s''ezdoy, konferentsii I kongressov [Bulletin of International Scientific Meetings,
Antibiotiki (141)	Antibiotiki (Antibiotics)	в"ezd,,konf i kohgr. (la)	Conferences, and Congresses
Apt.delo (141)	Aptechnoe delo [Pharmacy]	Biul Min vys. i sred spets. obr.SSSR	Russia (1923 - U.S.S.R.) Minister stvo vysenego i srednego spotsial'nego obrazovanila. Biulleten' [Ministry of Higher and Secondary Specialized Education Bulletin]
Arkh anat , gist. i embr. (13c)	Arkhiv anatomii, gistologii i embriologii [Archives of Anatomy, Histology, and Embryology]	(8a) Biul, Verkh,	Russia (1917- R.S.F.S.R.) Verkhovnyi Sud. Biulleten
Arkhit.SSSR (10b)	Arkhitektura SSSR [Architecture of the U.S.S.R.]	Suda RSFSR (7)	(Supreme Court, Butlitin)
Astron.tsir. (13b)	Astronomicheskii tsirkullar [Astronomical Circular]	Bukhg, uchet (5a)	Bukhgaltorskii uchet [Accounting]
Astron, zhur, (13b)	Astronomicheskii zburnal [Journal of Astronomy]	Bum, i der, prom, (16f)	Bumazhnala i dorevoobraintyvalushchala promyshlonnost' [Pupor and Woodworking Industry]
Atom. energ, (16e)	Atomnaia energiia (Atomic Energy)	Bum. prom. (16f)	Bumazhnala promyshlennost' [Paper Industry]
Atom tekh.za rub. (16e)	Atomnala tekhnika za rubezhom [Nuclea: Engineering Abi oa <i>d</i>]	Burenie (16h)	Burente [Drifting]
Avt, dor, (16d)	Avtomobil'nye dorogi [Highways]	Den, i kred. (5c)	Denigt i kredit [Money and Credit]
Avt. transp. (10g)	Avtomobil'nyi transport [Automotive Transportation]	Der. prom. (16f)	Dereveebi abayyatushchata promyshlennost' (Woodworking Industry)
Aytom. 1 telem. (16e)	Avtomatika i telemekhanika [Automatic and Remote Control]	Dif. urav (13e)	Differential inye uravnenlia [Differential Equations]
Aytom svar (161)	Akademila nauk URSR, Kiev. Instytut elektrozvarluvannta Avtomaticheskaia svarka [Academy of Sciences of the Ukrainiin 8,8,R. Institute of Electric Welding Auto-	Dokl AN Arm SSR (13n)	Akademija nauk Armianskei SSR, Erivan Doklady [Academy of Sciences of the Armenian S. S. R. Reports]
Aytomatyku	matic Welding] Avtomatyka [Automatic Control]	Dokl, AN Azerb. SSR (13a)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Doktady [Academy of Sciences of the Azerbaijan 8.5, R. Reports]
(10c)	Avtometria (Autometry)	Dokl, AN BSSR (13a)	Akademila navuk BSSR, Minsk. Doklady [Academy of Sciences of the White Russian S. S. R. Reports]
triia (16g)		Dokl.AN 888R (13a)	Akademiis nauk SSR, Deklady [Academy of Sci- ences of the U.S.S. R. Reports]
Azerb, med, zhur. (14a)	Azerbajchan tibb zhurnaly. Azerbaid/hanskii meditsinskii zhurnal [Azerbaijan Medical Journal]	Dokl. AN Tadah. SSR (Ia)	Akademila nauk Tadzhikskol SSR, Dushanbe. Doklady [Academy of Sciences of the Tajik S.S.H. Reports]
Azerb neft. khoz. (16h)	Azerbaidzhanskoe neftianoe khoziaistvo (Azerbaijan Petroleum Industry)	Dokl, Inst. geog. Sib, i Dai',	Akademija nauk SSSR. Sibirskoe citletenie. Institut coo-
BiKI [Prilozh.] (b#)	Biulleton' inostrannoi kommercheskoi informatsii; prilozhe- nie [Builetin of Foreign Commercial information; Supple- ment]	Vost. (12b)	grafti Sibiri I Dal'nego Vostoka. Doklady [Academy of Sciences of the U. S. S. R. Sibertan Department, Institute of the Geography of Siberta and the Far East, Reports]
Bet. i zhel - bet. (16d)	Beton i zhelezobeton [Concrete and Reinforced Concrete]	Dop. AN URSR (13a)	Akademila nauk URSR, Kiev. Depovidi [Academy of Sciences of the Ukrainian S. S. R. Reports]
Bezop. truda v prom	Bezopasnost' truda v promyshlennosti [Industrial Safety]	Doshk, vosp. (8a)	Doshkol'ang yesphenia (Preschool Education)
(16a) Bibl, inostr. bibl. po khim,	4 Bibliografija inostrannoj bibliografij po khimit [Bibliography of Foreign Bibliography on Chemistry]	Ekon.i mat. metod. (5b)	Ekonomika 1 Mathema
(2a) Bibliotekar' (2b)	Bibliotekar' [The Librarian]	Ekon. neftedob, prom.	Ekonomika na nomics of
Biofizika (13c)	Biofizika [Biophysics]	(5b)	The country of
Bickhimila (130)	Biokhimiia [Biochemistry]	Ekon.sel'khoz, (5b)	Ekonomika s culture]
Biol. i prom. losia (15b)	ł Moscow. Moskovskaja veterinarnaja akademija. Kaledra zoologii, Biologija i promysel losia [Moscow Veterinary	Ekon, strol. (5b)	Ekonomika si
420 (200)	Academy. Department of Zoology. Biology and the Hunt- ing of the Moose]	Eksper, khir, i anest. (14h)	Ekaperimenti mental Si
Biol, res. vod. Mold. (13c)	Biologicheskie resursy vodoemov Moldavii [Biological Resources of the Bodies of Water of Moldavia]	Elek, i topl. tiaga (16g)	Elektrichesk Locomoth
Biul.eksp.biol. i med. (14a)	Biulleten' eksperimental'noi biologii I meditsiny [Bulletin of Experimental Biology and Medicine]	Elek, sta (16e)	Elektricheski
Biul, Glav, bot, sada (13c)	Moscow. Glavnyi botanicheskii sud. Blulleten' [Main Botanical Garden, Bulletiu]	Elektrichestvo (16e)	Elektrichesty
Blut. Ispot. kom. Mosk. gor. sov. (6)	Moscow. Ispoinitel'nyl komitet. Biulleien' [Executive Committee. Bulletin]	Elektro- khimita (13d)	Elektrokhimi

Mol.komm (6)	Moladot kommunist [The Young Communist]	Nev lit po Bolg (2a)	Novaia literatura po Bolgarii [New Literature on liul, arris
Mont i spets.rab v stroi. (16d)	Montazhnye i spetsial'nye raboty v stroitel'stve [Aesembly and Specialized Operations in Construction]	Nov lit po	Novala literatura po Chekhoslovakii Now Litera- hu e ou Czechoslovakia)
Mor. sbor (17b)	Morskoi stornik, zhurnal Voenno-Morskogo Floia Sojuza SSR [Naval Review, Magazine of the Soviet Navy]	Chekh (2a) Nov lit po Ger Dem Resp.	Novata liferatura po Germanskoi Demokratit benkol Brandika like [New Literature on the German Democratic Rep. 201
Muk -cley prom (181)	Mukonol'no-elevatornala promyshlennost' [Flour Milling and Grain Storage]	(2a) Nov lit po lug	Novah literatura po IUgoslavii (New Literature og Yrze
Na stroi Ros, (16d)	Na stroit akh Rossii [At Russian Construction Projects]	(2a) Nov.lit.po	slavia Nomia literatura po obshehim problemam evropei-
Mar Az i Afr (4a) Nar obr (8a)	Narody Azii i Afriki, istoriia, ekonomika, kul'tura (Peoples of Asia and Africa, History, Economics, Culture) Narodne obrazovanje (Public Education)	obshch.probl. evrop.eota. stran (44)	skikh sotsialistichoskikh stran [Now Literature on the General Problems of the European So- cialist Countries]
Nauch, rab.	Tambov Gosudarstvennyi pedagogicheskii institut. Nauch-	Nov. lit. po Pol'. (2a)	Novaia literatura po Pol ^a she (New Literature on Poland)
sjud. Tamb. gos. pad. inst. (1a)	uye raboly studentor; Filologiis, istoriis, pedagogika [State Pedagogical Institute, Student Research Papers; Philology, History, Pedagogy]	Nov.lit po Rum (2a)	Novala literatura po Rumynii [New Literature on Rumania]
[Nauch trudy] ENIKMASha (16g)	Moscow, Eksperimental'nyi nauchno-lisiledovatel'svii institut kuznechno-pressovogo mashinostroenija. (Nauchnye trudy) [Experimental Scientific Research Institute for Press Forging in Machinery Manufacture Studies]	Nov, lit po Veng, (2n) Nov mir (llb)	Novala literatura po Vengeli [New Literature on Plung 115] Novyl mir [The New World]
Nauch, trudy Perm	Perm Politekhnicheskii institut, Nauchnye trudy [Polytechnic Institute, Studies]	Nov. sov. ekon lit. (5b)	Novaja sovetskaja ekonomicheskaja literalura (Ne., Soviet Feonomic Literature)
politckh, inst. (16a) Nauch, trudy	Tashkent, Universitet, Nauchnye trudy [University, Studies]	Nov. sov. i inostr. iit. Do stran. As.	Novala sovetskaia i inostrannala literatura po stranam Azit i Afriki [New Soviet and Fereign Literature on the Countries of Asia And Africa]
TashGU (14) Neach, trudy UZNIIME (152)	Uzbekskaja akademija sejľskokhozjaistvennykh nauk. Nauchno- issledovateľskii institut mekhanizatsii i elektrifikatsii oroshaemogo zemledelija. Nauchnyc trudy [Uzbek Academy of Agricultural Sciences. Scientific Reseauch hystitute of	i Air. (2a) Nov.sov.i inostr.lit. po vop ateiz i rei. (3b)	Novala sovet-kala i tnostrannala literatura po vopro am atelzma i religii [New Soviet and Foreiga Literature on the Problems of Athelsm and Religion]
Nauch.zap.LPI (16a)	the Mechanization and Electrification of Irrigation Farming. Studies Lyov. Politekhnlehnyl Instytut. Nauchnye zaplski [Poly-	Nov sov 11t o nauke i nauch - 1881, rab v SSSR (2a)	Novaia sovetskala literatura o nauke i nauchno-feath dera tel'skoi raboto v 858R (Now Soylet Literature on Science and General Roscarch in the U.S.S. R. ?
Neft, i gaz, prom. (16h)	technic Institute, Studies) Neltianala i gazovala promyshlennost' (Petroleum and Gra Industry)	Nov sov tit po filos (3a)	Novala sovetskala literatura po filosofit (New Soviet Literature on Philosophy)
Neft.khoz (16h)	Neftiance khoziaistvo [The Petroleum Industry]	Nov sov.lit po laz. (11a)	Novala sovetskaja Htanatura po la un
heltegaz geol i geoliz (16h)	Neftegazovala geologila i geofizika [Petroleum and Gas Geofogy and Geophysics]	Nov. nov. lit.	Novala sovetskala literatura no leterit
Neftekhimita (18c)	Neftekhimila [Patrochemistry]	arkheol i etn. (4a)	eleografii [Now Soviet Literature on History, Archielogy, and Ethnography]
Nefteprom delo (16h)	Nestepromyslovae dela [Petroleum Production]	Nov. sov. lit. po lit. (11b)	Novala sovetskala literatura po literaturovedenilu [Rr = Soviet Literature on the Sludy of Literature]
Neftianik (16h)	Neitlanik [The Petrojeum Worker]	Nov.vrem, (6)	Novoe yremin [New Times]
Nov. inostr ekon. lit. (5b)	Novaia inostrannaia ekonomicheskaia literatura [New Foreign Economic Literature]	Obog. rud (16b)	Obogashchente rud (Ote Dressing)
Nov inostr. kni-	Akademiia nauk SSSR Biblioteka Novye inostrannye knigt,	Okeanologila (12b)	Okeanologija [Oseanology]
gi, kat, nov po- stup. (2b)	satisting noward postupitenti Academy of Sciences of the U.S.S R. Library. New Foreign Books; Catalog of New Accessions]	Okhr, trudn i sots, strakh, (5d)	OM cana trade i solvin Procestrakhovanie (Protection of Labor and Social Insurance)
Nov inostr lit po fitos, (3a) Nov.inostr.lit	Novala inostrannala illeratura po filosofii [New Foreign Literature on Philosophy]	Opyt.rab.bibliot.s indstr.lit. (2b)	Moscow. Vsesoluznata gosudarstvonnala biblioteka insultar- noi litoratury. Opyt raboty bibliotek s kostrannof iltera- turoi (All-Indon State I theory of The
po laz (lla) Nov. igostr. lit.	Novala inostrannala literatura po lazykožnanitu [New Foreign Literature on Linguistics]	PMTF (18a)	Library Practices in Working With Foreign Materials
po ist., arkbeol. 1 etn. (4a)	Novaia in strannaia literatura po istorii, arkheologii i etno- grafii [New Fareign Literature on History, Archaeology, and Etnography]	•	PMTF; zhurani prikladaoi mokkaniki i tokhnicheskoi iizul [PMTF; Journal of Applied Mechanics and Technical Physics]
Novinostriji, polit (115)	Novaia inostrannaia literatura po literaturovedenjiu {New Foreign Literature on the Study of Literature}	Paleont, zhur. (12c)	Palcontologichoskii zhurnat [Palcontological Journal]
Nov. kalgi SSSR (2a)	Novye knigt SSSR [New Books of the U. S. S. R.]	Patest. sbor. (4a)	Patestinskii sbornik [Patestine Review]
Nov. knigi za rub, Ser, A (13a)	Novye knigi za rubezhom, Seriia A: Matematika, mekhanika,	Paraz, zhiv. i rast. (13c) Part, zhizn	Parasity zbivotnykli i rastonii [Parasitos of Animals 22.1 Plants]
	matics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology, Physical Geographyl	(8) Pat. fiziol. i eksp.	Partinaia shizni [Party Life]
lov. knigi za rub. Ber. B (18a)	Novye knigi za rubezhom, Serlia B. Tekhnika (New Foreign Books, Series B. Technology)	terap. (14e) Pls', v red.	Patologichoskala fiziologila i eksperimental nala terapila [Pathological Physiology and Experimental Therapy]
lov, knigi za rub, Ser. V (Za)	Novye knigi za rubezhom, Seriia V; Biologiia, meditsina, sel'skoe khozialstvo (New Forelga Bocks, Series V; Biology, Medicine, Agriculture)	Zhur. ckspor. i teoret. (iz. (131)	Zhurnal eksperimental'noi i tooreticheskoi fiziki. Fla'na v zedaktsitu [Journal of Experimental and Theoretical Physics. Letters to the Editors]
Yov. knigi za rub. po obshchestv. naukam (2a)	Novye knigi za rubezhom po obshchestvennym naukam; ekonomika, filosofila, letorila, mezhdunarodnye oboshe- nila (New Firator Ballanda).	Plan, khoz. (5b) Plast, massy	Planovoe khoziaistvo [Planned Economy]
foy. lift. o nauke i oauchissl.	Noyala literatura o nauke i nauchno-laslednyaleleskoi rabole za ruhezhon lavez za	(18c) Pochy, usl, i effek, udob,	Plasticheskie massy [Plastics] †Pochvennye uslovija i effektivnost udoprenii [Boil Conditions and Effectiveness of Fortilizers]
rab. sa rub.	and Research Abroad]		

Poligr. proizv (2c)	Poligraficheskoe proizvodstvo [Printing Industry]	Sbor, nauch. rab, SibNIVI (15b)	Omsk. Sibirskit nauchno-issledovateľ skil veterinarnyi Institut. Sborník nauchnykh rabot [Siberian Scientific Rosearch Voterinary Institute. Papers]
Porosh, met. (16h)	Poroshkovaia metallurgiia [Powder Metallurgy]	Sbor, nauch, trud, Bel, politekh, inst,	Minsk. Delorusskil politekhnicheskil institut. Shornik nauchnykh trudov (White Russian Polytechnic institute.
Pravoznavstvo (7)	Pravoznavstvo [Jurisprudence]	(16 a)	Papers)
Prikl, biokhim, i mikrobiol, (13c)	Prikladnala blokhimiia i mikrobiologiia (Applied Blo- chemistry and Microbiology)	Sbor.poet. VTSSPS (5d)	Vsesoiuznyi TScutral'nyi Sovet Professional'nykh Soiuzov. Sooralk postanovlenii [All-Union Central Council of Trade Unions, Decisions]
Prikl mekh. (16g)	Pı Ukladnala mekhanika [Applied Mechanics]	Sbor, rab, Koms. GMO (131)	Komsomol'skiy (S.natov Province) Gidtometeorologicke- skata observator. ia. Sbornik rabot [Hydrometeorological Observatory, Papers]
Priroda (13a)	Priroda [Naturo]	Sbor. rab, Ryb.	Rybinsk. Gidrometeorologicheskaia observatoriia. Sbornik
Probl. Arkt (12b)	Problemy Arktiki [Problems of the Arctic]	gidromet, obser. (137)	rabot [Hydrometeorological Observatory. Papers]
Probl.endok.i goim (14a)	Problemy endoktinologii i gormonotetapii {Problems of Endoctinology and Hotmone Therapy}	Shor. st. III razd. prog.	Akademita nauk SSR, Mezhduvedometvennyi geolizicheekit komitet. III razdel programmy MGG, Sbornik statei [Academy of Sciences of the U.S. S. R. Interdepartmental
Probl.gemat. i perel krovi (14e)	Problemy gematologil i perelivantia krovi [Problems of Hematology and Blood Transfusion]	MGG (131)	Geophysical Committee. 3d Section of the IGY Program, Papers]
Prom. Arm. (16a)	Promyshlennost Armenii [Industry of Armenia]	Sbor.st.X razd.prog. MGG (12b)	Akademiia nauk SSSR, Mezhduvedomstvonnyl geoffzicheskit koulitet, X razdol programmy MGG. Skotnik slatet [Academy of Sciences of the U.S.S.R. Interdepartmental
Prom Bel (16a)	Promyshlennost' Belorussii [Industry of White Russla]		Geophysical Committee. 10th Section of the IGY Program. Papers]
Prom. energ. (18e)	Promyshlennaia energetika [Industrial Power]	Sbor.st. X razd, prog.	Akademila nauk SSSR Mezhduvedomstvennyi gedizicheskii komitet. X razdel programmy MGQ. Okeanologila, Sbor-
Prom. stroi. (16d)	Promyshlennoe stroitel'stvo [Industrial Construction]	MGG. Okoan. (12b)	nik state! [Academy of Sciences of the U S. S. R. Jator- departmental Goophysical Committee. 10th Section of the IGV Program, Oceanology Papers]
Prom. zdan. (16d)	Promyshlennye zdaniła [Industrial Buildings]	Sbor, trud, asp. i	Leningrad, Vsesojuznyi institut rastenjevodstva. Sbornik
Put' i put.khoz. (16d)	Put 1 puteyor khorizistvo [Railroad Tracks and Roadwey Maintenance]	mol, nauch, sotr, VIR (15d)	trudov aspirantov i molodykh nauchnykh sofrudnikov [All- Union Institute of Plant Culiure, Papers by Graduato Students and Young Reseauch Workers]
Rad, prayo (7)	Radians'ke pravo [Soviet Law]	Sbor, trud.	Moscow. Respublikanskii nauchno-issledovatel'skli institut mestnykh stroitel'nykh materialov. Sbornik trudov
Radiobiologiia (13c)	Radiobiologiia [Radiobiology]	ROSNIIMS (16d)	[Republic Scientific Research Institute of Local Duilding Materials: Papers]
Radiotekh, i elektron, (16e)	Radiotekhnika i elektronika [Radio Engineering and Elec- tronics]	Sbor.trud. UkrNIIB (18c)	iKtov Ukrainskii naucimo-iseledovatel'skii institut teel- ljulozaol i bumazimoi promyshlemosti. Sboraik trudov [Ukrainian Scientific Research Institute for the Wood-
Rast res. (13c)	Rastitel'nyo resursy [Plant Resources]		pulp and Paper Industries. Papers]
Razved, i okh nedr (16h)	Razvedka i okhrana nedr [Prospecting and Conserva- tion of Mineral Resources]	Sber, trud, VNIINSM (16d)	Vsesoluznyi nauchno-isaledovatel'skii insiliut rovykh stroitel'nykh materialov. Sbornik trudov (All Union Scientific Research Instituto of New Building Materials
Rech, transp. (176)	Rechnol transport [Inland Water Transportation]	Sel ¹ , strol	Papers Sel'skoe stroitel'sivo [Rural Construction]
Ref, sbor	Referativnyi sbornik Ekonomika promyshlennosti [Journal	(16d)	•
Ekon prom, (5b) Rei, zhur. : Elek	of Abstracts : Economics of Industry] Referativnyi zhurnal Elektronika i eo primenonie	Sel'khoz, biol, (16a)	Sel'skokhoziaistvonnaia biologija [Agricultural Biology]
l ee prim. (16e)	[Journal of Abstracts Electronics and its applications]	Sel*khoz.lit. SSSR (15a)	Sel'skokhozialsivennala literatura SSSR [Agricultural Literature of the U. S. S. R.]
Ref. zhur.; Fiz. (13f)	Referativnyi zhurnal, Fizika [Journal of Abstracts: Physics]	Som [‡] ia i Shkola (8a)	Sem'in i shkola [Family and School]
tef, zhur.: Geofiz. (13f)	Referativnyi zhurnal: Geofizika [Journal of Abstracts: Geophysics]	Ser. "Vag. 1 vag. khoz. " (16g)	4Serlia "Vagony i vagonnoe khoziaistvo" [Serlea "Ratiroad Cars and Car Maintenanco"]
Ref. zhur.: Geog. (12b)	Referativnyi zhurnal· Geografiia [Journal of Abstracts: Geography]	Shakht, strol. (16h)	Shakhtnoe atroitel'stvo [Mine Construction]
Ref. zhur.: Gor. delo (16h)	Referativnyi zhurnal: Gornoe delo [Journal of Abstracts; Mining]	Shestimes, kat. dan. po selsm. , tsun. i grav. (12c)	4 Mirovoi tsentr damykh B1. Shestimestachnyl katalog po selamologit, tsunami i gravimetrii [World Data Center B1. Semiannual Catalog of Data on Seismology, Tsunamis, and Gravity]
Ref. zhur. : Kib.	Referativnyl zhurnal; Kibernetika [Journal of Abstracts; Cybernetics]	Shestimes, kat.	Mirovol tsentr dannykh MGG B. Shestimesiachnyl katalog
{13a} Ref. zhur : Met. (16h)	Réforativnyi zhurnal: Metallurgiia [Journal of Abstracts: Metallurgy]	nai, dan. MGG po meteor. (131)	nalichtia dannykh MGC po meteorologii (IGY World Data Center B. Semiannual Catalog of IGY Meteorological Data)
Ref. zhur.: Vozd. transp. (16b)	Referativnyl zhurnal: Vozdushnyl transport [Journal of Abstracts: AirTransportation]	Soob. Lab. agrokhim. AN Arm. SSR (15a)	Akademiia nauk Armianskoi SSR, Erivan. Laboratoriia agrokhimii. Soobsachentia [Academy of Sciences of the Armentan S. S. R. Laboratory of Agrochemistry. Reports]
Ref. zhur.: Zhet, dor. transp.	Referativnyi zhurnal; Zheleznodorozhnyi transport [Journal of Abstracts: Ratirond Transportation]	Sots obesp. (5e)	Sotulatinos obespechenie [Social Security]
(16g) Rost krist. (13d)	Rost kristallov [Growth of Crystals]	Sots.trud (6d)	Sotsialisticheskii trud [Socialist Labor]
Ryb.khoz. (16b)	Rybnoe khozisistvo [Fisheries]	Sots, zakon. (7)	Sotsialisticheskala zakonnost! [Socialist Legality]
Sbor, NIIGMP (131)	Leningrad. Nauchno-issledovatel'skii institut gidrometeoro- logicheskogo priborostroeniia. Sbornik [Scientific Re- search institute of Hydrometeorological instrument. Man-	Sov.arkheol. (4b)	Savetskaia arkheologiia [Saviet Archaeology]
	mfacture. Papers]	Sov. bibl. (2a)	Sovetskala bibliografiia [Soviet Bibliography]
Sbor, nauch, inform, Nauch,	Akademiia nauk SSSR. Nauchnyi sovet po ellektiynosti osnovnykh londov kapital'nykh vlozhenii i novoi tekhniki.	Sov.geol. (12c)	Sovetskaia geologia [Soviet Geology]
sov.po eff.osn, fond.kap.vlozh, i nov.tekh,AN SSSR (5b)	Sbornik nauchnoi informatsii [Academy of Sciences of the U.S. S. R. Scientific Council on the Effectiveness of Capital Investment Funds and New Technology, Scientific Information]	Sov.iust. (7)	Sovetekala iustitsiia [Soviet Justice]
		Sov. med, (14a)	Sovetskala meditsina [Soviet Medicine]

Elektrosviaz' (16e)
Elektrotokhnika (16e)
Energ. stroi (16e)
Energokhoz. za rub. (160)
Energomeshino- stroenie (16g)
Etal, vrem, v sred mom pered, radiosig (13b)

Fin. SSSR (5c)

Fiz, gor, l

VZ1 yva (131) Fiz. tve1 , tela (131)

Fiziol, zhur.

Gas prom.

(18c)

(160)

a.,eel.i sem,kuk, (15d)

Geol, i geofiz, (12c)

Geol, neitl p gaza (16h)

mestorazh.

(16h)
Geomag. (aer.
(13f)

(15a)

Gidroliz. i leso-

khim.prom. (16c) Gor.zhur. (16h)

Geol, rud.

Gidr. i mel

Gidr strol. (16d)

IAd, fiz. (13f)

Inform, biul.

nov, inostr.

knig, postup. v Bibl.im. V.I.Len. Ser.1 (2a)

Inform, biul, nov. inostr, knig, postup, v Bibl. im, V, I. Len, Ser, 2 (2a)

nform, blut. nov.

inostr. knig, postup. v Bibl. 4m. V. I. Len, Ser. 3 (2a)

Inform.blul.Sov. antark.eksp. (1a)

nform.blul. VDNKH (16a)

nform, ukas, bibl. spis, i kart. (2a) Elektrosviaz' [Telecommunication]

Elektrotekhnika [Electrical Engineering]

Energeticheskoe stronel'stvo [Power Construction]

Energekhozialstvo za rubezhom; prilozhenie k zhurnalu

"Elektricheskie stantsii" [Electric Power Production

Energokhozialstvo za rubezhom; prilozhenie k zhurnalu "Elektricheskie stantsii" [Electric Power Production and Utilization in Foreiga Countries, Supplement to the Periodical "Electric Power Stations"] Energomashinostro

Etalonnoe vremla v srednie momenty poredach radiosignalov [Official Time at Mean Moments of Radio Signal Transmissions]

Finance of the U S S.R.]

Fizika govenita i vzryva (Physics of Combustion and Blasting)

Fiziologicheskii zhurnal SSSR [Physiological Journal of the U.S.S.R.]

Gazovala promyshlennost¹ [Gas Industry]

Fizika tverdogo tela [Solid State Physics]

‡ Akadomija nark Moldavskoi SSR, Oidel genetiki rastenii. Genetika, selektsija i semenovndstvo kukuruzy [Academy of Sciences of the Moldavian S.S.R. Department of the Moldavian S.S.R. Department of Plani Genetius, Genetics, Breeding and Seed Production of Corn]

Geologija i geofizika [Geology and Geophysics]

Geologija nefti i gaza [The Geology of Petroleum and Gas]

Geologifa rudnykh mestorozhdenii (Geology of Ore Deposita)

Geomagnetizm I aeronomita [Geomagnetism and Aeronomy]

Gidrotekhnika i melioratsiia (Hydraulic Engineering and Reclamation)

Gidrotekhnicheskoe stroitet'stvo (Hydrotechnical Construction)

Gidroliznala i lesokhimicheskala promyshlennost' [Hydrolysis and Wood Chemistry Industry]

Gornyi zhurnal [Mining Journal]

IAdernala fizika. Journal of Nuclear Physics

Moscow. Publichnaia hiblioteka, Informatsionnyl biulieten' novykh Inostrannykh knig, postupiyshikh v Biblioteku Imeni V. I. Lenina. Seriia 1: Fiziko-matematicheskie i khimicheskie nauki; nauki o zemie; tekhnika 1 tekinicheskie nauki [Public Library. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 1: Physical, Mathematical, and Chemical Sciences, Earth Sciences; Technology and Technological Sciences]

Moscow. Published a biblioteka, informatsionnyi biulleten' novykh inostrannykh kaig, postuptyshkih v Biblioteku imeni V.I. Lenina, Seriia 2: Biologicheakie nauki, sol'akoe i lesnoe khoziajstvo, sel'akokhoziaistvennye i lesokhozjaistvennye nauki, zdravookhranenie, meditsihakie nauki [Public Library, Information Builetin o New Foreign Books, Received by the Lenin Library, Series 2: Biological Sciences, Agricultura and Forestry, Agricultural and Forestry Sciences, the Health Service, Medical Sciences]

Moscow, Publichnais biblioteka, Informatsionnyi biulletent novykh inostrannykh knig, poztupivshikh v Biblioteku imeni V. I. Lenina Serila 3: Obshchestvennye nauki, khudozhestvennaia literatura, iskusatvo [Public Library, Information Bulletin of New Foreign Books Received by the Lenin Library, Scries 3. Social Sciences, Belies-Lettres, Art]

Sovetskais aniarkiicheskais ekspeditsila, 1955–1958. Informatsionnyi biulleten' [Soviet Aniarctic Expedition, 1955–1958. Information Bulletin]

Moscow, Vystavka dostizhenii narodnogo khozlaistva SSSR Informatsionnyl biulleten! [Exhibition of Achievements of the National Economy of the U.S.S.R. Information Bulletin]

Informatisionnyl ukazatel' bibliograficheskikh spiskov i kartotek, sostavlennykh bibliotekami Sovetskogo Soluzz (Information Index of Bibliographical Lists and Card Files, Compiled by the Libraries of the Soviet Union) Inform ukaz. stand (16a)

Iskussivo (10a) Isal meteor.

isel meteor. (13b)

fst. SSSR (4a)

lzm tekh (16a)

lzobr. i rate. (16a)

Izobr , prom.
obraz., tov.
znak. (18a)

127. AN Arm. SSR, Fiz. (13()

Izv. AN Arm. SSR. Mekh. (13f)

Izv. AN Arm, SSR, Ser, tekh, nauk (16a)

Izv.AN Azerb. SSR.Ser. nauk o zem. (12c)

Izv. AN Kazakh. SSR. Ser. geol. (12c)

lzv Ab Kazakb. SSR. Ser. geol. nauk (12c)

Izv.AN Mold.SSR (1a)

Izv. AN SSSR. Neorg. mat. (13d)

Izv. AN SSSR. Ser. biol. (13c)

Izv. AN SSSR. Ser. (12. (131)

Izv.AN SSSR.Ser. geol. (12c)

Izv. AN Turk. SSR Ser. fiz. -tekh., khim. i geol. nauk (13a)

Izv. AN Turk. SSR, Ser, obshchestv. nauk (1a)

Izv. Alt. otd. Geog. ob-va SSSR (12b)

Izv. Biol geog. nauch, issl. inst. Irk. us. (13c)

Izv, Kir, fil, Vses, ob-va pochv, (16a)

Izv. 50 AN 988R. Ser, obshchestv. nauk (1a)

Izv. Sev. -Oset. nauch. -lest. inst. (1a)

Izv. Vost. - Sib. otd. Geog. ob va SSSR (12b)

Izv. vys. ucheb. zav.; chern. met. (16h) Informatsionnyi ukazatel^e standartov [Infor<mark>mation I</mark>nd<mark>ex</mark> of Standards]

Iskusstvo [Art/

Akademila nauk SSSR Mezhduvedomatvennyl geofizicheskil komitet laslichovanie meteorov (Academy of Sciences of the U. S. S. R. Interdepartmental Geophysical Committee. Meteor Investigations]

Istorija SSAR (History of the U.S.S R.)

Izmeritel'ugia tekhnika [Measurement Techniques]

[zobretatel' i ratsionalizator [Inventor and Efficiency Promoter]

Izobreteniia, promyshlennye obraztsy, tovarnye znaki [Inventions, Industrial Samples, Trademarks]

Akademi'i muk Arm'ansko' SSR, Eriyan. Izvesiin, Fizika |Acıdemy of Stiences of the Armenian S.S.R. Bo''r'n, Physical

Akademila nauk Armianskoi SSR, Erivan, Izvestila. Mckhanika [Acadomy of Sciences of the Armenian S.S.R. Bulletin, Mechanics]

Akademila nauk Armianskoi SSR, Erivan, Izvestila, Serija tekhnicheskikh nauk [Academy of Sciences of the Armenlan S. S. R. Bulletin, Series in the Technological Sciences]

Akademiia nauk Azerbaidzhanskoi SSR, Baku. Izvestila, Seriia nauk o zemle [Academy of Sciences of the Azerbaijan S.S.R. Bulletin. Series of the Earth Sciences]

Akademila nauk Kazakhskoi SSR, Alma-Ala, Izvesilia, Sorila geologicheskaia [Academy of Sciences of the Kazakh S, S, R. Bulletin, Geological Sories]

Ak-ademina nauk Kazakhskoi SSR, Alma-Ata, Izvestiia, Seriia geologicheskikh nauk [Academy of Sciences of the Kazakh S, S, R. Bulletin, Series in the Geological Sciences]

Akademiia nauk Moldavskoi SSR. Izvestiia [Academy of Sciences of the Moldavian S.S.R Bulletin]

Akademila nauk SSSR. Izvestifa. Neorganicheskie materialy (Academy of Sciences of the U.S.S. R. Bulletin. Inorganic Materials)

Akademiia nauk SSSR, Izvestila, Seriia biologicheskala [Academy of Sciences of the U S.S.R. Bulletin, Biological Series]

Akademiia nauk SSSR Izvestlia Seriia lizicheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Physical Series]

Akademiia nauk SSR. Izvestiia. Seriia geologicheskala [Academy of Sciences of the U.S.S R. Bulletin, Geological Scries]

Akademila nauk Turkmenskoi SSR, Ashkhabad, Izvestis, Serila itziko-tekkutcheskikh, khimicheskikh i geolo gicheskikh nauk [Academy of Sciences of the Turkmen S, S, R, Bulletin, Sories in the Physical and Technological, Chemical, and Geological Sciences]

Akademila nauk Turkmenskoi SSR, Ashkhabad. Izvestila, Serlia obshchestvennykh nauk [Academy of Sciences of the Turkmen S. S. R. Bulletin, Series in the Social Sciences]

Geograficheskoe obshchestvo SSSR, Altaiskii otdel. Izvestiia [Geographical Society of the U. S. S. R. Altai Branch, Bulletin]

t Irkutsk. Universitet. Biologo-geograficheskii nauchroissledovatel'skii institut. Izvestila (University, Biogeographical Scientific Research Institute. Bulletin)

Vsesolvance obshchestvo pochvovedov. Kirgizskii fillal. Izvestiis [All-Union Society of Soil Scientists. Kirghiz Branch, Balletin]

Akademiia nauk SSSR, Sibirskoe otdelenie, Izvestila, Seriia obshchestvennykh nauk [Academy of Sciences of the U.S. S. R. Siberian Department, Bulletin, Series in the Social Sciences]

Ordzhonikidze, Savero-Osetinskii nauchno-Issiedovatel'skii institut, Izvesttia [North Ossetian Scientific Research Institute, Bulletin]

Geograficheskoe obshchestvo SSSR. Vostochno-Sibirskii oldel. Izvestiia [Geographical Society of the U.S. S.R. East Siberian Branch. Bulletin]

Russia (1923- U. S. S. R.) Ministersivo vysshego i srednego spelsial'nogo ohrazovanila, izvesilla vysshikh uchebnykh zavedenli; chernala metallurgila (Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutiona of Higher Learning; Ferrous Metallurgy)

Files. Compiled by the Libraries of the Soylet Union]

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Inv rys ucheb	Russia (1923- USR) Ministersivo vysskego i srednego spetsial nogo obi azovanija. Izvestila vysskikh uchebnyth	Klin onk (14e)	‡ Klinicheskala onkologija [Clinical Oneology]
mekh. (16e)	zavedenii, elektromekhanika [Ministry of Higher and Secondary Specialized Education Bulletin of the Insti- tutions of Higher Learning, Electrical Machinery and	Knizh. let. (2a)	Knizhnala letopis' [Hook Chronicle]
Izv vys ucheb	Apparatus] Russia (1923- U.S.S.R.) Ministerstvo vysskego i srednego	Knizh, torg. (2c)	Knizhnaia torgovila (Book Trade)
ząy "eneig (16c)	spetsial'nogo obrazovanija - Izvestija vysslikh uchebnyth zavodenii, energetika (Ministiy of Higher and Secondary Specintized Education - Bulletin of the Institutions of	Koks i khim. (18c)	Koks i khimiin [Coke and Chemistry]
In mus nahah	Higher Learning; Power Engineering] Russin (1923 – U.S.S. R.) Ministerstvo vyssbego i srednego	Koll, zhur, (18d)	Kolloldayi zhu nal [Colloid Journal]
Irt. vys. ucheb. zav., geod.i gerof. (13b)	spetsial'nogo obrazovanila. Izvestila vysshikh uchebnykh zavodenil; geodezila i acrofotos''emka (Ministry of	Komm, Ukr (6)	Kommunist Ukrainy (Communist of the Ukraine)
	Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Geodesy and Aerial Photography	Komm Vooruzh Sil (17a)	Kommunist Vooruzhennykh SH [Communist of the Armed Forces]
Izv. vys. ucheb.	Russia (1923- U. S. S. R.) Ministerstvo vysshego i srednego	Kommunist (6)	Kommunist [Communist]
razv (16h)	spetsial'nogo obrazovanila. Izvestila vysshikh uchelmykh zavedenil, geologila i razvedka [Ministry of Higher and Secondary Specialized Education - Bulletin of the	Konts. napriazh. (16g)	‡Kontsentratsiia napriazhenii [Concentration of Stresses]
Izv. vys. ucheb.	Institutions of Higher Learning, Geology and Prospecting Russia (1923 - U. S. S. R.) Ministersive vysshege i srednege	Kristallografiia (13d)	Kristallografiia [Crystallography]
zav., gor.zhur. (16h)	sprtsial nogo obrazovaniia. Izvesiiia vysshikh uchebnykh zavedenii, gornyi zhurnal (Ministry of Higher and	Kryl, rod (16b)	Kryl'ia rodiny [Wings of the Mother land]
	Secondary Specialized Education. Bulletin of the Institu- tions of Higher Learning, Mining Journal]	Kuzshtam. proizv.	Kuznechno-shtampovochnoe proizvodetvo [Forging and Stamping]
lzv.vys ucheb zav , mat (13e)	Russia (1923- U.S.S.R.) Ministorstvo vysskiego i srednego spetsial'nogo obrazovanila. Izvestlia vysshikh uchebnykh zavedenil, matematika [Ministry of Higher and Secondary Specialized Education. Biulletin of the Institutions of	(16g) Lab, delo (14e)	Laboratornoe delo [Laboratory Work]
Izv vys.ucheb.	Higher Learning, Mathematics] Russia (1923. U.S.S R) Ministerstvo vysshego i sred-	Leh. prom. (16f)	Lehka promyslovist' [Light Industry]
zav.;radiofiz (191)	nego spetsial'nogo obrazovanila. Izvestila vysshikh uchebnykh zavedenil; radiofizika [Ministry of Higher	Let.druku BSSR (2a)	Letapls dicky BSSR Letopls' pechati BSSR Chronicle of the Publications of the White Russian S.S.R
	and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Radio Physics]	Let.gazet st. (2a)	Letopts' gazetnykh statei (Chrontcle of Newspaper Articles)
Izv vys ucheb zav "radioteka,	Russia (1923- U.S.S R) Ministerstvo vysshego i srednego spetsial'nogo obrazovanlia. Izvestlia vysshikh uchebnykh	Let. izobr. isk. (10a)	Letopis' izobrazitei'nogo iskusstva [Chronicle of Fine Arts]
(1 6 c)	závedenti, radlotekhnika (Ministry of Higher and Second- ary Specialized Education Bulletin of the Institutions of Higher Lear uing; Radio Engineering	Let zhur.st. (2a)	Letopis' zhurnal'nykh statei [Chronicle of Periodical Articles]
Izv. vys, ucheb zav., strol i arkhit (10b)	Russia (1923 - U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovanita. Evestiia vysshikh uchebnykh zavedenii, stroliel'sivo i arkhitektura (Ministry of Higher	Lis.hosp.,lis., pap.i der. prom. (161)	1 Lisove hospodarstvo, lisova, paperova i derevoobrobna promyslovist [Forestry, Forest, Paper, and Wood- working Industry]
	and Secondary Specialized Education Bulletin of the In- stitutions of Higher Learning, Radio Engineering	Lit, i isk, nai SSSR i zarub. stran (11b)	Literaturs 1 iskessive naredov SSR I zarubezhnykh stran [Literature and Art of the Peoples of the U.S S.R. and Foreign Countries]
Izv. vys. ucheb. zav.; tekh. leg. prom. (16f)	Russin (1923- U. S. S. R.) Ministerstvo vysehego i srednego spotsial'nogo obrazovanila. Izwestila vysshiki uchebnykh zavedenili; tekhnologila legkoi promyshlomosti [Ministry of Higher and Socondary Specialized Education. Bulletin of the Institutions of Higher Leraning; Technology of Light Industry]	Lit, i pol, iskop. (12c)	Litologiia i poleznye iskopaemye [Lithology and Mineral Resources]
		Lit proizv, (16h)	Liteinoe proizvodstvo [Foundry Practice]
Izv. vys. ucheb. zav., tekh. tekst,	Russin (1923 - U.S.S.R.) Ministerstvo vysshego i srednego	Mash, i neft, obor. (16h)	Mashiny I neftiance oboundavanie [Mashinery and Petroleum Equipment]
prom. (18f)	apetsial'inogo obrarovanila, Izvestiin vysshikh uchebnykh zavedenit, tekhnologin tekstii'nol promyshlemesti [Min- istry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Leanning Technology of the Textite Industy	Masl, - zhir, prom. (16c)	Maslo-zhinovala promyshlennost* [Oils and Fats Industry]
Kat. dan. po	tMirovoi tsentr dannykh Bl. Katalog dannykh po okeanografii [World Data Center Bl. Catalog of Oceanographic Data]	Mat. GKZ (16h)	Materialy GKZ no metodike razvedki, promyshlemot otsenke i podschetu zaposov mestorozhdorul poleznykh lakopaemykh [Materials of the State Committee on
okean, (12b) Kat. dan, po rak i sput,	Mirovoi tsentr dannykh Bi Katalog dannykh po raketam i sputnikam [World Data Center Bi. Catalog of Data on		Minoral Resources Dealing with Prospecting Methods, Evaluation, and Calculation of the Amount of Minoral Deposits]
(13b) Kat publ. Mir.	Rockets and Satellites] #Miroyol teentr dannykh BI. Katalog publikatsii [World	Mat.kul't. Ustr. (4b)	;Material'naia kul'tura Vetrushany (Material Cultura of Ustrushana)
tsontra dan BI (13a)	Data Center B1. Catalog of Publications]	Mat. Otd. mat. geog. i kart.	Geograficheskoe obshchesivo SSR. Otdelenie matematiche- skoi geografii i kartografii. Materialy [Geographical
Kauch i rez (16c)	Kauchuk i rozina [Crude and Vulcanized Rubber]	Geog. ob-va SSSR (12b)	Society of the U. S. S. R. Department of Mathematical Geography and Cartography. Materials
Khim, i tekh, tepl, i masel (18c)	Khimila i tekhnologila topliv i masel [Chemistry and Tech- nology of Fuel and Oil]	Med, paraz, i paraz, bol,	Meditsinskaia parazitologila i parazitarnye bolezni [Medical Parasitology and Parasitic Discases]
Khim.prirod. soed. (13d)	Khimila prirodnykh soedinenii [Chemistry of Natural Compounds]	(14a) Med.rad.	Meditsinskala radiologija [Medical Radiology]
Khim, prom, (16c)	Khimicheskaja promyshlennost [Chemical Industries]	(14a) Med, ref. zhur. (14a)	Meditsinskii referativnyi zhurnal [Medical Abstracts]
Khim. prom. [Ukr.] (16c)	Khimichna promyslovist' [Chemical Industries]	Meteor.i gidrol. (13f)	Meteorologiia i gidrologiia [Meteorology and Hydrology]
Khim.prom. Ukr. (18c)	Khimtelicakata promyshleniost Ukraby (Chemical Industries of the Ukrabe)	Metod, i tekh. razved. (16h)	+ Metodika i tekhnika razvedki [Prospecting methods and Equipment]
Khim.v sel'. khoz. (15a)	Khimila v sel'skom khozisistve [Chemistry in Agriculture]	Mezhdunar.	Mezhdunarodrala zhizn' [internationat Life]
Khirurgila (14h)	Khirufgila [Surgery]	zhizn' (6)	
Khol.tekh.i tekh. (18c)	Kholodil'naia tekhnika i tekhnologiia [Refrigeration Equip- ment and Technology]	Mikrobiel. zhur. (13c)	Mikrobiologichnyi zhurnal [Journal of Microbiology]
Kibernetika (13e)	Kibernetika [Cybernetics]	Mikrobiologila (13c)	Mikrobiologia [Microbiology]
(****)		Min, syr'e (12c)	Mineral'noc syr'e [Mineral Raw Materials]

Sov pedag (8a)	Sovetskaja pedagogira (Sovjet Pedagogy)	Trudy Gidropro- esta (184)	Moscow, Vsekojuznyi proektno-lzynkajel (*13.) i issledovatel skii inatlini "Gidroproekt" in z. i i Zhuk Trudy {S.IA Zhuk All-Union Place i z. i
Sov. potreb Foop (5a)	Sovetskaia potrebitel'skala Looperalsiia (Soviet Consumer Cooperation)		search Institute actions on the annual of
Sor, profesiaz, 15dy Sor radio r tel (9a)	Sovetskie profesioner (Soviet Trade Unions) Sovetskie radio i televidenie (Soviet Radio and Television)	[Trudy] Gos. nauchissl. protivochum.	Rostov-on-Don Gonudarstvennyl muchoo is protivochumnyl Institut, (Trudy) [State A entific Research Institute (Transaction)]
Suv. shakht (16h)	Sovetskii shakhter (Soviet Miner)	inst. (14a) Trudy IGI (16h)	Akadomiin nank SSSR. Institut gorluchikh lob 1,2 1
Sew.targ. (5a)	Sovetskaia torgovlia [Soviet Commerce]		Trudy (Academy of Sciences of the U.S.S. ii 1 c of Mineral Fuelo. Trousactions)
Sov Ukr (11b)	Sovetskala Ukraina (Soviet Ukraina)	Trudy INKH (5b)	Moscow, Institut 1 aredingo khozlatatsa - 4 is 14 14 is of the National Economy. Transactions
Spirt.prom.	Spirtovija promyshlennosť [Distilling industry]	Trudy Inst.blol. UFAN SSSR (13c)	Akademiia nauk SSSR. Ural'skii fitial, (ven) biologii, Trudy Academy of Sciences of it is Ural Branch, Institute of Biology, '11 os is
Sred.veku (4a)	Akademila nauk SSSR. Institut istoril, Srednie veka [Academy of Sciences of the U.S.S. R. Institute of History. The Middle Ages]	Trudy Inst. fiz Zem. (13f)	Akademila nauk SSSR. Institut fiziki Zemb, t. 7 [Academy of Sciences of the U. S. B. B. 15, 17
Stal' (16h)	Stal' [Steel]	Trudy Inst, gen.	Physics of the Earth, "Pransactions] Akademita nauk SSBR, Institut genetiki, Trobe (1905)
Still iter (160)	Steklo i Feramika [Glass and Ceramics]	(13c)	my of Sciences of the U.S.S.R. Institute of the
(10b) (10b)	Stroitel'sivo i arkhitektura [Construction and Architecture]	Trudy Inst im. N. V. Sklif. (14a)	Moscow Institut (moni N. V. Sklifosquako, o a Sklifosovskii Institute Transactions)
Strol i arkbit Len (lob)	Stroitel'stvo i arkhitektura Leningrada [Construc- iion and Architecture in Leningradj	Trudy Inst, Khim.	Akademila nauk Kazukhakol 88R, Alma-Ata (z)
Strol.i arkhit Mosk (10b)	Strollel'stro i arkhitektura Moskvy [Construction and Architecture in Moscow]	nauk AN Ka- zakh, SSR (13d)	cheskikh nauk, Trudy [Académy of Belegras 1 3 Kazakh S. S. R. Institute of Chemical Beller (*) 14. 1 actions]
Stroi-1 arkhit Uzb (10b)	Strollel'stvo I arkhitektura Uzbekistana (Construction and Architecture of Uzbekistan)	Trudy Inst. met. i obog. AN Kazakh, SSR (16h)	Akademiia nauk Kazakhukol SSR, Ahma-Ata, friallurgii i obogasheheniia, Trudy [Academy of a of the Kazakh S. S. R. Distitute of Atalahurga a traductions]
Stroi, i dor. mash (16g)	Strollel'nye i dorozhnye mashiny [Construction and Road Machinery]	Trudy Irk.un. (1a)	Irkutak, Universitet, Trudy [University tears ,
Subtrop kul't (15d)	Subtropicheskie kul'tury (Subtropical Crops)	Trudy Kal, tekh. inst. ryb.	Kaliningrad, Kaliningradskil tekhnichenkii ja
Sudastroente (17b)	Sudostroente [Shipbuilding]	prom. i khoz. (15b)	Technical Institute of Fisheries. Tunnatt 11
Svetotekhnika (16a) Teatr (9c)	State of the State of The State of Stat	Trudy Kaznigmi (131)	Alma-Ata, Kazakliski i nauchno-lestedovatel satt s meteorologichoskii institut, Trady [Kasakh to con Research Hydrometeorological Institute, 114 22 114
Tekst prom	Tekstil'nair promyshlennost' [Textile Industry]	frudy LIVT (17b)	Leningrad, Institut vodnogo transporta, Traci, ff of Water Transportation, Transportano
Tenr. elektro- tekh. (16e)	! Teoreticheskaia elektrotekhnika [Theoretical Electrical Engineering]	Trudy LP[(16a)	Leningrad, Politekhnicheskii institut, Trwiy (1) ; Institute, Transactions]
Teor prak.fiz. kul't (8b)	Teoriia i praktika fizicheskoi kul ⁱ tury [Theory and Prac- lice of Physical Education]	Trudy LPMI (14b)	Leningrad. Pediatricheskii meditalnakii inatii .t [Pediatric Medical Institute, Transactions]
Teploenergetika (16g)	Teploenergetika [Heat Engineering]	Trudy Lab. Inzh. gidrogeol. VODGEO (18d)	Moscow, Vses oluznyi nauchno-issiedovatelinii irai vodosnabzhenia, kanalizatsii, gidrotrkhaterest is
foks not prom khim vesheh (11a)	Toksikologiia novykh promyshlennykh khimicheskikh veshchestv [Toxicology of New Industrial Chemical Substances]	, .,	socratheniti incheserous gidrogoologit. La de la incheserous gidrogoologit. Trudy [All-University of the Engineering Structures, and Engineering Structures, and Engineering Structures, and Engineering Structures.
Torg. za tub (5a)	Torgovlia za rubezhom [Trade Ahroad]	Trudy MATI (18b)	Laboratory of Engineering Hydrogeology, 112
Trait.1 sel'- khozmash. (16g)	Traktory i sel'khozmashiny [Tractors and Agri- cultural Machinery]	Trudy MGIAI (4a)	[Technological Institute of Aeronautics, Trains of Moscow, Gosudarstvennyi istoriko-arkhivnyi izu Trudy [State Institute of History and Archive of History and H
Transp. i khran, nefti i nefte- prod (16h)	Transport i khranenie nelli i nelteproduktov [Transportation and Storage of Petroleum and Petroleum Products]	Trudy MIIT (10g)	actions] Moscow. Moskovskii institut inzheneruv rimte; ' rozingego transporta, Trudy [Moscow hashu.'s a
Transp. strol. (16d)	Transportnoe stroitel'sivo [Construction for the Transportation Industry]	Trudy MKHTI	Engineers of Railroad Transportation. Tra-22 , Moscow, Khimiko-tekhnologichoskii institut. Tra-2
Travmetologiia (14h)	Travmatologiia [Traumatology]	(16c) Trudy MMBI	[Institute of Chemical Technology, Transactions]
Trudy AANII (12b)	Leningrad. Arkticheskii i aniarkticheskii nauchno- issledovatel'skii institut Trudy (Arctic and Antarctic Scientific Research Institute. Transactions]	(130)	Akademila nauk SSR. Murmanskil morskol kielogi besti- institut. Trudy [Academy of Sciences of the U.S. S Murmansk Marine Biology Institute. Transacti es
Trudy Ekon. fak. Kir. gos. un. (5b)	### Frunze. Universitet, Ekonomicheskii fakulitet, Trudy [University, Faculty of Economics, Transactions]	Trudy Mor. gidrofiz, inst. AN URSR (12b)	Akademiia nauk URSR, Klev. Morskyl kkirolis, (h., haiylut. Trudy [Academy of Sciences of the tike. S. S. R. Marine Hydrophysical Institute. Transact.
Trudy GGO (13f)	Leningrad, Glavnaia geofizicheskaia observatorila Trudy [Main Geophysical Observatory, Transactions]	Trudy Mosk, nauch, -issi, inst. virus,	Moscow, Nauchno-issiedovateľskii institut viremiji proparatov, Trudy [Scientific Research halibuts I i Proparations, Transactions]
Trudy GISI (18d)	Gorkly. Inzhenerno-stroltel'nyi institut. Trudy [Civil Engineering Institute. Transactions]	prep. (13c) Trudy NIIZHB	Akademiia stroitol'stva i arkhitektury 888 R. Jastiful to a
Trudy GPI (16a) Trudy GRUZ-	Gorkiy, Politekhnicheskii institut, Trudy (Polytechnic Institute Transactions)	(164)	I zhelezobelona, Perovo. Trudy (Academy of Commental and Architecture of the U.S.S.R. Institute of Commental Reinforced Concrete. Transactions)
NIIMESKHa (15a)	Tillis. Gruzinskii rauchro-issledovatel'skii institut mekhanizatsii i elektritikatsii sel'skogo khoziaistva. Trudy [Georgian Scientific Research Institute for the Mechanization and Electrification of Agriculture, Trans- actions]	Trudy Novo- kuz. GIDUVa (14a)	t Novokuznetak, Gosudaratvennyl institut dia usoresaksi- stvovanila vrachel, Trudy [State Institute for Post- graduato Training of Physicians, Transactions]

frudy ODRL (11b)	Akademi'e nauk SSSR, instant russkof literatury Order drevnerueskof literatury - Trody Akademy i Sciences of the U.S.S.R. Institute of Russian Literature. Section of Ancient Russian Literature - Transactures
Trudy Okean, kom. (12b)	Akademiia nauk SSSR. Okeanograficheskala komissiia. Trudy [Academy of Sciences of the U.S.S.R. Oceano- graphic Commission. Transactions]
Trudy PINRO (15b)	Murmansk. Poliarnyi nauchno-issledovatol'skii instilut morskogo rybnogo khozislstva i oksanografii. Trudy [Arctic Scientific Research Institute of Marine Fisheries and Oceanography Transactions]
Trudy 1-go MMI (14a)	Moscow, Perryl meditsinskii institut. Trudy [First Medical Listitute, Transactions]
Trudy Sokuz- MorniiPro- cki (17b)	Moscow, Gosudarstvennyi proektno-konstruktorskii i nauchno-issledovatel skii institut morskogo transpor- ta Trudy (State Design and Scientific Research In- stitute of Marine Transportation Transactions)
Trudy Sred Az. nauch Issl. gidrometeor. Inst. (131)	Sreducaziatskii nauchro-issiedovateľskii gidtometeorologi- choskii institut, Trudy (Central Asia Hydrometeorologi- cal Research Institute, Transactions)
Trudy TGU (!a)	Tomsk Universitet. Trudy [University, Transactions]
Trudy TSIP (13f)	Moscow TSentral'nyi institut prognozov Trudy [Central Weather Institute. Transactions]
Trudy TSNII MPS (16g)	Moscow, Vsesoluznył nauchno-issiedovateľ skil mstriul zheleznodorozhnogo transporta. Trudy [All-Union Scien- tific Research Institute of Railroad Transportation, Transactions]
Trudy TashGU (la)	Tashkent Universitet. Trudy [University. Transactions]
Trudy TSentr chern.gos.zap. (13c)	TSentral'no-chernozemnyi gosudarsivennyi zapovednik. Trudy [Central Black Earth Preserve, Transactions]
Trudy UkrNIGMI (13f)	Kiev, Ukrainskii naucimo-issiedovatel'skii gidrometeorolo- gicheskii institut, Trudy [Ukrainian Scientific Re- search Hydrometeorological Institute, Transactions]
Trudy Un. druzh, nar. Sel'khoz nauki (15a)	I Moscow, Universitet drughby narodov, Trudy, Sel'sko- khozialstvennye nauki [University of the Friendship of Peoples, Transactions Agricultural Sciences]
Trudy VGI (13f)	Nal¹chik, Vysokogornyi geofizicheskii institut. Trudy [Alpine Geophysical Institute. Transactions]
Trudy VGU (1a)	Voronezh, Universitet, Trudy [University, Transactions]
Trudy VNIIB (16c)	Leningrad. Vsesaluznyl nanchma-issledavatd'akir i stifut tselliulozna-bamazhad promysidemasti. Trud, [Ali- Union Scientific Research Institute for the Woody to and Paper Industries, Transactions]
Trudy VNIIE (16e)	Moscow, Vsesoluznyi nauchno-issledovatel'skii insiliut elektroenergeliki, Trudy [All-Union Scientific Research Insiliuto of Electric Power Engineering, Transactions]
Trudy VNIIRT (16e)	Moscow, Vsesoiurnyl nauchno-issledovateľskit lustitut magnitnot zapisi i tekhnologii radloveshchanila i televidenila, Trudy [All-Union Scientific Research Instituto of Magnetic Recording and Radlobroadcasting and Television Engineering, Transactions]
Trudy VNIIANDV (16c)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut sintetleheskikh i natural'nykh dushistykh vsshchosiv. Trudy [All-Union Scientilic Research Institute of Synthetic and Natural Perfumes. Transactions]
Trudy VSEGEI (12c)	Loningrad, Ysesoluznyi geologicheskii institut, Trudy [All-Union Geological Institute, Transactions]
Trudy Vych. isentra AN Gruz.SSR (13e)	Akademita nauk Gruzinskoi SSR, Tillis. Vychislitel'nyi tsentr. Trudy [Academy of Sciences of the Georgian S.S.R. Computation Center. Transactions]
Trudy ZakNIGMI (13f)	Titlis, Zakaykazskti ann ino-isstedovateľskii gidro- meteorologielovskii institut, Trudy (Transcaucasian Scientific Research Hydrometeorological Institute, Transactions)
Trudy Zool, inst. (13c)	Akudemiia nauk SSSR. Zoologicheskii institut, Trudy [Academy of Sciences of the U. S. S. R. Zoological Institute. Transactions]
TSoment (10d)	Tsement [Coment]
TSitologiia (130)	TS itologiia [Cytology
Uch. 24p. CHNIII ALIE (4a)	Cheboksary, Chuvashskii nauchno-issledovatel'skii institut insyka, literatury, istorii i ekonomiki, Cohenye zapiski [Chuvaah Scientilic Research institute of Language, Literature, History, and Economics, Studies]
Vch. zap. GGPI (ia)	Gorkiy. Gosudarstvennyi pedagogicheskli institut. Uchenyi zapiski (Státe Pedagogical Institute, Studies)
11-1 W-1	Warmang allah sebata partitu Sayatekam Sajura Vusshqia

t Kommunisticheskaia partita Sovetskogo Sojuza, Vysshaia partitaala shkola, Kafedra sovetskol ekonomiki, Uchenya zapiski [Communist Party of the Soviet Union, Higher Party School, Department of Soviet Economics, Studies]

Uch.zap. Kaf. sov.ekoa. Vys.part. shkoly (5b)

Uch. zap. Kal. gos. ped.	Kalinin, Pedagogicheskii institut Uchenye zapiski [Pedagogich Institute, Studies]
inst, (1a) Uch, zap, LGU (1a)	Leningrad. Universitet, Uchenye zapiski [University Studios]
Uch zap. MGPI (la)	Moscow. Moskovskii gosudarstvennyi pedagogicheskii in tut. Uchenye zapiski [Moscow State Pedagogical Insti Studies]
Uch, zap, Mord, gos, un, (1a)	saransk, Mordovskii gosudai sivennyi universitet, Uche zapiski [Mordyin State University Studies]
Uch, zap, Ped. inst, Gerts. (1a)	Leningrad, Cosudarstvennyi pedagogicheskli Institut Imc A, I Gertsena, Uzhenye zapiskl [A, I, Hertzen State Pedagogical Institute, Studies]
Uch zap Tium. gos.ped inst. Kaf.zool. (13c)	l Tyumen' Gosudarstvennyl pedagogicheskii institut Uch nyo zapiski [State Pedagogical Institute, Studies]
Uch.zap.Tuv. nauchisel. inst.iaz.llt. i let. (la)	Kyzyl. Tuvinskii nauchno-issledovatel'skii izstitui lazyk Ilioratury i istorii Uchenyo zaojski [Tuva Scionlific Research institute of Languago, Literature, and Histo Studies]
Uch, zap, Volg, gos, ped, inst. (la)	Volgogiad Gosudaistvennyl pedagogleheskil institut, Uchenye zapiski (State Pedagogleal Institute, Studies)
Ugol' (16h)	Ugol' (Coal)
Ukr.biokhim. zhur. (13c)	Ukrains'kyi blokhimichnyi zhurnai [Ukrainiaa Biochemica Journai]
Ukr bot.zhui (13g)	Ukrains'kyi botanichnyi zhurnal (Ukrainian-Botanical Journal)
Ukı, fiz, zhur. (131)	Ukt alns'kyi fizyelnyi zimenal [Ukramian Physics Journal]
Ukr, ist. zhur, (4a)	Ukrains'kyi istorychayi zhurnal [Ukrainian Historica] Journal]
Ukr.khim zhui (19d)	Ukrainskii khimicheskii zhurnal (Ukrainian Chemical Journal)
Uki, mat zhur. (13e)	Ukrainskii matematicheskii zhurnal [Ukrainian Mathemati Journal]
Usp.fiz. nauk (13f)	Uspokhi fizicheskikh nauk (Progress in the Physical Sciences)
Usp khim, (13d)	Uspekhi khimii (Progress in Chemistry)
Usp sovr.blo1. (13c)	Uspekhi soviemeniai biologii [Progress in Contemporary Biology]
Uzb. geol zhur (12c)	Uzbekskii geologicheskii zhurnal [Uzbek Geological Journ.
V mire knig	V mire knig [In the World of Books]
(2a) Vech. ared, shkola (8a)	Vecherniaia Bredniaia Shkola [Evening Secondary School]
Ved Verkh Sov RSFSR (7)	Russia (1917- R S. F. S. R.) Verkhovnyt Sovet Vedomosti [Supreme Soviet, Gazette]
Ved, Verkh, Sey, SSSR (7)	Russia (1923 - U. S. S. R.) Verkhovnyi Sovet, Vedomosti [Supreme Soviet, Gazette]
Vest. AMN SSSR (14a)	Akademiia meditsinskikh nauk SSSR, Moscow, Vestnik [Academy of Medical Sciences of the U. S. S. R. Journal]
Vest. AN Kazakh. SSR (la)	[Academy of sciences of the Authority of S. C. Control
Vest. AN SSSR (1a)	Akademiia nauk SSSR, Vestnik [Academy of Sciences of the U.S.S.R. Journal]
Vost, derm. l ven. (141)	Vestak dermatologii i venerologii [Review of Dermatology and Venereology]
Vest, mashino- str. (18g)	Vesinik mashinostrotaila [Mathinery Manufactore Review]
Vest. Mosk, un. Sar, 2; Khim. (13d)	Moscow, Universitet, Vesinik, Seriia 2: Khimilia [University, Review, Series 2: Chemistry]
Vost. Mosk. un. Ser 5: Geog. (12b)	Moscow. Universitet. Vesinik, Seriia 5: Geografiia [University. Review. Series 5: Geography]
Vest. Mosk. un. Sor 0: Biol., pochv. (13c)	Moscow Universitet, Vesinik, Serija 6 Biologita, pochvovedenie [University, Raview, Series 6; Biology, Soil Science]
Vest, Mosk, un, Ser, 8: Files, (32)	Moscow. Universitet. Vestuk. Serila 8; Filosoffia [University, Review. Series 8; Philosophy]
Vest.ob- shchostv. nauk AN Arm. SSR (1a)	Akademila nauk Armianskoi SSR, Erivan, Vestnik ob- shchesivennykh nauk [Academy of Sciences of the Armenian S. S. R. Review of Social Sciences]

	to be all the colonia of the international	Vop. onk. (14e)	Voprosy ankalogli [Problems of Oncology]
Vest.ront.i rad. (14a)	Vesinik rentgenologii i radiologii [Review of Roentgenology and Radiology]		Vopi osy psikhologii [Problems of Psychology]
Vest stat	Vest ik statistiki [Statistical Review]	Vop psikhol (3a)	
(5b)	•	Vop. radiobiol.	Voprosy radiobiologii [Problems of Radiobiology]
Vest. svia#1 (160)	Vestrik sviazi [Communications Review]	(14a)	Voprosy virusologii [Problems of Virology]
	Vestnik vysshei ahkoly [Review of Schools for Higher Educa-	Vop virus (13c)	
Vest.vys, shkoly	tion]	Vych, mil.	Vychisilielin na matematil a [Computer Mathematics]
(8a)		[Kiev] (13e)	
Veterinariia (15b)	Veterinarila [Veterinary Medicine]	Vys kom.	Vysokomolekuliai nye soedinentia [Macr. molecidir Com
Vod. i san. tekh.	Vodosnabzhenie i sanitarnala tekhnika (Wator Supply and	sned. (13d)	pounds)
(16d)	Santlary Engineering	Za tekh.prog. (16a)	Za tekhnicheskii progress (For Technological Progress)
Vod , kau ,	t Vodosnabzhenie, kanalizatsija, gadrotekhnichoskie tooru- zhenija (Water Supply, Sowerage, Hydraulie birue-	Zap LGI (16h)	Leningrad. Gornyl institut Zapiski [Institute of Mining.
gidr. soor. (18d)	tures water supply, severage, white and	24p 201 (111)	Records
vod, khoz.	Vodnoe khozialetvo [Water Resources Manage-	Zap L&KHI (164)	Pushkin, Leningradskii sel'skokhoziaistvennyi institut. Zaplski [Leningrad Agriculturat Institute. Annals]
(16d)	ment)	Zashch, last,	Zashchita rastenii [Protection of Plants]
Voen, -1st zhur. (4a)	Voenno-istoricheskii zhurnal [Military History Journal]	(15d)	market to a m
Yop, antr.	Voprosy antropologii [Problems of Anthropology]	Zemledelie (15d)	Zemledelie [Agriculture
(12a)		Zhel. dor. transp. (16g)	Zheleznodo1ozhnyl transport [Railroad Transportation]
Vop.ekon. (5b)	Vopcosy chonomika (Problems of Economics)	Zhil strol (16d)	Thilishchnoe stroitel'stvo [Housing Construction]
Vop. filos. (3a)	Voprosy lilosoft (Problems of Philosophy)	Zhur, anal khim	Zhurnal analiticheskoi khimii [Journal of Analytical
, •2	Voprosy geografii Kamchatki [Problems of the Geography	(13 d)	Chemistry]
Vop. geog. Kamch.	of Kamehatka]	Zhur, eksp. 1 teor fiz	Zhurnal eksperimental and Theoretic al Paysies] of Experimental and Theoretic al Paysies]
(12b) Vop.isz. (11s)	Voprosy iazykoznanka [Problems of Linguistics]	(13f) Zhur, fiz	Zhurnal fizicheskoi khimit [Journal of Physical Chem-
	Voprosy Istoril [Problems of History]	khlm, (13d)	18try]
Vop.ist. (4a)		Zhur. mikrobiol., epid. i immun.	Zburnal mikrobiologii, epidemiologii i immunobiologii Journal of Microbiology, Epidemiology, and Immuno-
Vop ist. KPSS (6)	\ oprosy istorti KPSS Problems in the History of the CPSU	(14a)	biology]
Vop. lst slav,	Voprosy istorit slavian [Problems in the History of the Slavs]	Zhur, nauch i prikl, fot i	Zhui nat nauchnol l pi ikladnoi fotografii i kinemategrafii [Journal of Scientific and Applied Photography and Cinema-
(4a)		kin. (16c)	log1aphy]
Vop. ist. Urala (4a)	Voprosy istorii Urala [Problems in the History of the Urals]	Zhur.neorg kliim (13d)	Zhurn i neorganicheskorkhimii (Journal of Inorganic Chemistry)
Vop izobi (18a)	Voprosy izola et del'stvo [Problems of Invention]	Zhur nevr.i psikh. (14c)	Zhurnal nevropatologii i psikhiatrii [Journal of Neuropaihol- ogy and Psychiatry]
Yop, kulit, recht (11a)	Voprosy kul*tury rechi [Problems in Speech Culture:]	Zhur.org.khim	Zhurnal organicheskoi khimii [Journal of Organic Chomis-
Vop. mat. ckspl.	Akademila nauk SSSR, Komisslia pu ekspluatatsil vy-	(13d)	try]
vych, mash, (13e)	chisite! Tnykh mashin Voprosy matematichesko! eks- pluatatsi vychisite! nykh mashin [Academy of Sciences of the USS,R Committee on the Use of Computers, Problems of the Mathematical Use of Computers]	Zhur, VKHO (1sd)	Vscholuznoe klimu beskoe obah bestyo imeni D.1 Madelera Zhumai [D.4: Me ideleev All-Union Chemical society Join nit]
Vop. med. khim, (141)	Voprosy meditsinskoi khimii [Problems of Medical Chem- istry]	Zhui, vys. nerv deiat. (14c)	Zhurnal vysshel nervnol delatel nosti [Journal on Higher Nervous Activity
41	= ···**		

tVoprosy nauchnogo atelzma [Problems of Scientific Atheism]

Vop. nauch ateiz. (3h) Zool zhur. (13c) Zoologicheskii zhurnal [Zoological Journal]

AC TH

Changes in some peripheral blood indices under the in-fluence of ACIH in health, persons and children with programmed 5 % Dzhafarova Azerb med zhur no 4 38-44 Ap 463

Effect of advanceortical opic harmone on the development of the Arthus phenomenon and on the morphological composition of the exadate in inflammation. E. M. Mikhailova Bulleksp biol i med 55 no 5 51-53 fly

Fiteet of the somaton opic hormone and ACTH on the regenerative process in an experimental wound A. Voitkerich Biul eksp biol i med 55 no 6:92-97

Use of ACIH in treating evadative pleasures. M. P. Pfendres - Azerb med zhar no 8 H-11 Ag 162

ACTH --- PHYSIOLOGICAL EFFECT

Effect of ACTH on the content of glycogen in tissues of rats with neute hypoxis. IV. M. Gevorgian. Vop. med. thim 12 no 6:603-635 N-D 166.

ACTH-THERAPEUTIC USE

Proventive and therapeutic effect of ACTH and contisone in intextection with mercur, proporations—A.V. Kutnetsov, M.I. Remizova—Trudy LPMI no. 32-62-

ABDOMEN

Hecti tellactivity of the must les of the anterior abdominal realt in A. V. Vishnevikii's lumbar novechine block

V Livshuts i kaper khir i anest 8 no 6:57-59 N-D '63

Milestones in the evolution and homology of lymph nodes in the human abdominal cavity M.S.Spirov Arkhanat., gist iembr 44 no 3;81-102 Mr 463

ABD OMEN-C ANCER

Metastasis of malignant tumors into the spice, Vop. 9 no 3:58-61 '63.

Methodology for postmortem cytologic examination of washings of the thoracic duct in malignant abdominal turnors V. A Babaeva Liksper khili i aneat 8 no 6-17-19 N-D '63

ABDOMEN-DISEASES

Scate surgical discusses of the organs of the abdominal curvity in elderly persons. Let Skatin. Sov. med. 26 no. 3-28-32. Mi. 6 63

ADDOMEN-FOREIGN BODIES

Unuqual foleign body in the abdominal cavity R. D. Fastykovskain, L. S. Panarina Trudy Novokuz, GIDUVa 32:105-106 '65

ARDOMEN-RADIOGRAPHY

Method of inducing an tiffcial pacumoper itoacum in X-1 ay diagnosis of tumo like neoplasms in the abdominal cavity 4 A. Akperbekov 'zerb tread zhu no 3;40,53 Mi 62. no 9:48-

Umusual foreign body in the abdominal cavity E. D. Pastykovskala, L. S. Panarina Frudy Novokuz GIDUVa 32:105-106 '65

ADDOMEN-SURGERY

Acute surgical diseases of the organs of the abdominat cavity in elderly persons L. I Skatin Sov med no 3-28-32 Vi '63

ADDOMEN--TUMORS

Method of inducing autificial pneumoperitoneum in X-1 ay diagnosis of tumorlike neoplasms in the abdominal cavity A, Λ, Akperbekov, Azerb. mcd. zhur. no 3:48-53 Mn '62.

ABKHAZIA-COMMUNIST PARTY OF THE SOVIET

Gogokhija, D.V. [Abkhazian organization of the Communist Farty of Georgia during the building of communist society, 1959-1965] Abkhazskala organizatstia Kommunisticheskoi partii Gruzii v peniod stroitel'stva kommunisticheskogo obshehestva (1959-1965 gg.). Sukhumi, Alashara, 1906. 119 p.

ABRUAZIA-ECONOMIC CONDITIONS

Gogokhila, D.V. [Abkhazian organization of the Communist Party of Georgia during the building of communist sor lety, 1959-1965] Abkhazskala organizatsila Kommunisticheskoi partii Gruzii v period stroitel'stva kommunisticheskogo obshchestva (1959-1955 gg) Sukhumi, Alashara, 1968—119 p

ABKITAZIA---RADISHES --- VARICTIES

Selection of productive winter radish and common radish varieties for the full and winter season in Abkhata G.A Khwatssh, Son tad asp I mol nauth, son VIR no. 2 20 218 '61

ABKHAZIAN ART see Art, Abkhazian

ABLATION (AEROTHERMODYNAMICS) see subdivision under Sokh Valley

ABORTION-COMPLICATIONS AND SEQUE LAD Granat, N.E. | Aftereffects of abortion | Posledsivita aborta, Moskva, Meditsina, 1966, 31 p. (Nauchno-populia nada meditsinskala literatura) (DNLM)

ABORTION IN ANIMALS (see also subdivision under Tashkent Province)

l'arge-scale abortions in prognant sheep after their vaccination with strain No. 19. I.A. Kostov. Stor nauch. 1ab SibNIVI no 11 73-81 162

ABRAMOV, KUZIMA GRIGORIEVICH

Chronicle of our national fate. R. Nedonekin. V mire rnig 6 no. 11,26-27 N 166.

Effect of some formula and technological factors on the alematon of plastics. 1. I Carberova and others. Plast, massy no. 9.35-38. 62.

Introducing new "ebrasive number" parameter into characteristics of weighted mads A, K. Yuskarii, M. M. Garvich, T. Kli Mustafaev Azerb noft khoz no 9:16-19 S 466

ABSCISIN

Phytohormone abscisin. A.A. Shamshurin. Priroda 57 no 12.00-61 '60

ADSOLUTE DIFFERENTIAL CALCULUS see Calculus

ABSORPTION

Absorptive properties of laces in White Russia, K.t. Lakashev, I.A. Dobrovol'skaia. Doki. AN BSSR 6 no 8:507 509 Ag '62.

Oxidation of isotactic polypropylene Part 1: Kinetics of oxygen absorption. V. S. Padoy and others. Nettekhirmita 3 no 5:713-719 5-O '63

ABSORPTION (PHYSIOLOGY)

Absorption and metabolism of feed digestion products by rumen walls, N.V. Kurilov and others, Sel'khoz, blol. 1 no. 0:890-899 'GG.

Photosynthetic activity and yield of peas as related to the absorbing capacity of the root, V.G blokhin, G.P. Ustenko, I.M. Fetisov, Agrokhimita no. 12-54-57 D 166.

Study of the so-called absorbing function of the stomach under clinical conditions IA.S.TSimmer man, Sov. med. 29 no 12 18-21 D '66,

ABSORPTION OF LIGHT

Absorption and dispersion of light in the formation of molecular excitions. A. S. Davydov, E. N. Minsnikov, Dokl. AN SSSR 171 no. 5:1009-1071 D '65.

ABSORPTION OF SOUND

Sound absorption in MI4Cl single crystals during their phase transition. O A. Shustin, I. A. IAkovlev, T. S. Velichkina. Pist, ved. Zhur, eksper, I teo et. fiz. 5 no. 16-9 Ja 167.

Theory of sound absorption in alloys with a hexagonal tightly packed crystal lattice. L.O. Sverhunenko. Dop. AN URSR no. 11:1432-1435 162.

ABSORPTION SPECTRA

Absorption spects and stability of complexes formed in the interaction of thiophene analogs of chalcone with ir on chlor ide and antimony pentachlor de V. M. Lohna-chov, O. P. Boblorov, V. F. Lavrushyn - Dop AN UISR no 11,1151-1457 186

I frect of thermal mactivation on the differential absorption spectra of purple photosynthesizing hacteria Kar pettan, I N Krakhmaleva, Doki AN 555R 171 no.5 1201-1201 D 466.

line structure of I II. III absorption spectrum of aluminum V A Formichee, V P. Lukirskii lik tver tela 8 no 7:2104-2108 Jl '66

Infrared absorption spectra of di-{(2-glycidary-1-naph-thyl) methyl) imides of dicurboxylic acids 1 V. I livincako, K \ Korney, Khim, ptom Ukt., no. 5;24-27 N-D *56

Notes on the absorption coefficient and spectrum of non-scattering inhomogeneous media. L. N. Rell. Blofizika 8 no 5-020-632 463

Hole of anion and cation vacancies in formation of aggregation centers in KC1 (crystals activated we silver and thailium N N 15al', M V Pasikovs) ii, R I Didyk I iz tver tels 8 no 7:2015-2021 Jl '66

Study of chemical structure of the antibiotte albomychi. Report No. 5; Study of absorption spectra in all a-violet active and inactive albomycin fractions. G. I. Lavrenova, N. A. Poddubnata Ve Khim, 17 no 5 87-89 S-O 462. Vest, Mosk, un Ser 2;

Width of spectral line of water vapor absorption at).* 0 92 mm V, IA Risdov, N, L Fin ashov ucheb zav ; radiofiz 9 no 6-1073-1077 166

ABSTRACTING AND INDEXING SERVICES

Vsesoluznyi institut aauchnoi i tekmicheskoi informatsil, [Classification scheme of do. trac'io publications of the U.S.S.R. for 1866] Rubi ikator referativnyki izdanii SSSR, 1966 god. Pod red. V.I. Gor'kovoi, Moskva, 1865, 460 (CaOTU)

ADYZOV, VLADIMIR

V. Abyzevia first book "The distress ignal," A. Indose-ev V mitt knig 6 no. 12:25 D *66

ACADEMY OF SCIENCES OF THE KAZAKH S.S. R. Basic trends in the research of the Academy of Sciences of the Kazakh S.S.R. Vest. AN Kazakh, SSR 22 no. 10: 3-8 O '66.

The most important research work completed by the

The most important research work completed by the Academy of Sciences of the Kazakh S. R. In the field of the heavy industry of Kazakhstan, K. I. Sathaev Vest, AN Kazakh, SSR 19 no.13-27 Ja 163 Resolution of the Academy of Sciences of the U. S. S. R. "On the busic trends in scientific research and the structure and measures of assistance to the Academy of Sciences of the Kazakh S. R. " passed on July 29, 1966, Vest, AN Kazakh, SSR 22 no. 10 7-15 O 166,

ACADEMY OF SCIENCES OF THE TURKMEN S.S.R.

Annual meeting of the Academy of Sciences of the Turkmen S, S R. Irv. AN Turk SSR, Ser. ftr. -tekh., khim, i geol, nank no. 2-124 [6].

ACADEMY OF SCIENCES OF THE U S.S.R.

Appointments and transfers. Vest. AN SSSR 38 10, 12.98 D '66.

Reinforcement of Academy of Sciences of U. S. S. R. Izv AN SSSR Ser geol 31 no 12:3:16 D '66.

V.I. Lenin and the All-Union Academy of Sciences, V. Bonch-Brucetch, V mire snig 6 no. 11:15 N | 168.

ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R.

Discussion of the reports by Academician B. (E. Paton and Member Correspondent H S. Pyserenko. Dop. AN URSR no. 7:973-975 '63.

Miscellaneous information Dop AN URSE no. 11:1513 '66.

ACANTHOCEPHALA

Practices in the vermifugal treatment of ducks in groups against Polymorphus Infestation, Report No 1, A.S. Selivanova. Shor, nauch, tab SibNIVI no. 11:203-200

ACCELERATION (PHYSIOLOGY)

Guenar amino arrive all reston in animal hosin offorming our rives of 1/8 (n.-1) in Fit Armin or of the freedom than 31 non a new-root had

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ACCIDENT LAW

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ACCIDENTS are subdivision under likey Province

ACCOUNTANTS-EDUCATION AND TRAINING

Where the accountant can improve his qualification Bulby which no, 11/(3-80) 17 hbs.

ACCOUNTING

(see also subdivision under Poland)

Akademia muk SSSR Institut ekonomiki. [Present-day problems of intraplant business accounting] Sovermenne problems waterizavodskogo kluzrascheta Muskva, Ekonomika, 1966–223 p.

Beziuklikh, P. S. [Organization of accounting in an interprise] Organizatish bukhgalterskogo ucheta na predpriatil. Moskva, Finansy, 1966. 201 p.

Centralization and nucchanization of accounting for goods 201d on credit. F. Tishingov Bully, uchet no. 11 54-56 N '66,

Chief accountants' seminar, Bulling, uchet no. 11:78-79 88[†] M

In the Collegium of the Ministry of Finance of the U S S R Fin SSSR 40 no 11 06-07 N 666

Organization of the "oik of an accounting office. 1.51-birnko. Bulkg. uchet no 11:31-38 N '66.

ACENAPHTHENE

Use of accomplishing as ray material for the production of high molecula compound F P Babin, B O Rozenbeth khim proin [1 kr | no 4 14 36 II S 462

Direct hydration of acetylene to acetaldehyde in the presence of ion-exchange resins A A Panfilos, Kh A Grigorian, V.I Isaguliants Doll AN Arm, SSR 35 no.2:63-66 '62

ACETIC ACID

Compley formation of zn commun. and harmum. with ammo-polycathoxylic acids. A N Frinakov, I N Marov, N B. Kalinichenko. Zhur neorg khim. II no II 2614-2619.

Divalent rhodium acetates L. A. Nazirova III Cher-nnev, A.S. Morozora Zhur neorg khun II no II 2583-2586 N. 166

Effect of the nature of the base in the catalytic reaction of ethilene oxide vith acetic acid and glycol monoacetate K. A. Gus No. N. N. Lebedev Trudy MKHFF

Improvement of the production of food acetic acil Getsel, IU IU Begameh Gibraliz i k sokhim prom 19 no 6 26-27 (G6

Reaction of phenyllodoacetate with mercury and mercuric acetate IU A.Ol'dekop, N A Maier, A V Rystraia, Dokl AN RSSR 6 no 8 503-506 Ag '62

Vapor-phase esternication of acetic acid with ethanol, 1, M Chash hin Gids office i lesothim prom 13 no 4 4-7 162

ACETIC ACID-EFFECT ON PLANTS see Plants, Effect of acetic acid on

ACETIC ACID-THERAPEUTIC USE

Inactivation of staphylotoxin by the salts of ethilene-draininoten arcetic acid (FDTA) 1 N. Bellevia A N Tatarintseva Trud LPMI no 32 29-33 (65

ACETIC ACID IN THE BODY

Excretion of homovanillic acid in pheochromocytoma.

T D. Bol'sbakova, Trudy 1-go MMI 43 141-143 '65.

ACETIC ANHYDRIDE

Formation of symmetric diaminohetones by action of acetic anhydride on acetyl-N-1, e hylaminoacids R S Sagitullin, T V Koronelli, A,N Kost Khim. prirod, soed, no 5 311-348 '66'

ACETOBACTER

Effect of poisons on the development of Buc acetoethyli-us and Buct coli M. B Kuplutskais, I T. Notte. Mikrobiologiia 31 no 2 227-232 Mr-Ap '62

Mikrobiologiia 31 no 2 221 232 nt 24p 22 Electron microscopic observations of the flagella of acctic acid bacteria M S. Loftsianskala, S. B. Stefanov Mikrobiologiia 31 no 2,284-287 Mr Ap 482 Taxonomy of acetic acid bacteria, M.S. Loitsianskala, Mikrobiologiia 31 no 5 931-945 S-O 162,

ACETOBACTER—CULTURES AND CULTURE MEDIA
Determining copper concentrations toxic to micro-orga
nisms Z. A. Avalana, I L. Rabotnova Miki obiologiia

35 no 5 805-911 S-O '66.

Effect of the composition of the nutrient medium on the content of nitrogen and phosphorus in the cells of Acetobacter schuetzenbachti and on their oxidation-reduction activity. I. A. Jakubovska, S. Valish, Mikrobiologita 31 no 5 782-787 S-O '62

ETONE
Themiser plan and reactivity of beginne mistures with curbon mone ade and nickelous oxide as studied by means of the first specifies opy. A A featushin, IU N. Rutor, 5 Z Roginskii. Dokt AN SSSR 171 no 5 H30-H33 D 166

State had ances in the formation of hydrogen bonding in 2.4, 6-111-tert-butylphenol with actions L N Shish-bina, I V Borezin Zhur fiz khim, 40 no 11 2896-2808 . 166

ACETONE, EFFECT OF TEMPERATURE ON

Density of acetone vapors at low temperature V N Kir halov, I P Usinkin, V M Shlemikov Zhur VKHO 11 no 6 710-711 '66

Liquid - liquid equilibrium in termaly systems consisting of C₅ hydrorathons, acctomitate, and water S IU. Pavlov and others - Thur. Mz, khim, -40 no. 11:2719-

ACETYLATION

Relationship between properties of tRNA, acetylated according to 21-b,dr oxy groups of ribose, and modifica-tron degree D. G. Knorre and others. Broblimmia 31 no 6 H81-H88. N.D. '66

ACETYLCHOLINESTERASE.

Octanol method of preparation and catalytic properties of acetylcholmesterase from crythrocytes of war m-blooded animals. A P Brestkin, D L Pevzner. Biokhimija 31 no 6-1174-1180 N-D '66

Adsorptive properties of various sorbents for methylact, lene V I. Mickinshov, N S. Tolor eshnikov, N.V. Kel'tsev Tr dy MkHTI no 41 186-190 463

Direct hydration of acetylene to acetaldehyde in the presence of ion-exchange resins A.A. Panfilov, Kh A. Grigorian, V. I. Isaguliants Dorl AN Arm SSR, 35 no 2:63-66 '62

Studying electroconductivity of polyacetylene | L G | Melkonian airl others | Izy AN Arm SSR Fiz | 1 no 4 182 - 185 466

182-185 '96
Synthesis of vinvl chlor (de by hydrochlor fratton of acety-lene in a fluid-bed catalyst IU, G, Mamedolley,
Magerom Mamedov, N. I. Ione Dokl AN Azerb SSR
18 no 4:23-28 '62

ACETYLENE COMPOUNDS

Actuling dration and nucleophilic addition of alcohols and mercaptans to an vialkylthic retylence. IU A Bolko, B.S. Kupin, A.A. Petrov. Zhuz org khim, 2 no, ii-1923-1928 N *165.

Chemestry of esters of keto acids of acctylene series.

Part 0 Interaction of phenylethynylglyoxalic acid esters with hydracines, hydrazides, and hydroxylamine II, Lapkin, III, S. Andreichikov. Zhan org, klum 2 no. 11 2075-2078 N 166

Cyclization of acetylenic hydrocarbons and their deriva-tives. V O Reikhsfel¹d, K.L Makovetskii Usp.khim 35 no 7 1204-1231 Jl ¹66,

Effect of certain cations on the activity of Rancy mekel in bydrogenation of dimethylacetylenylearbinol Zakumbaeva, S. A. Musin, D. V Sokol'skii I Lrudy Inst khim, nauk AN Kazakh SSR 11 215-221 166,

Pin frying pyrolysis gas of net tylene compounds by amination. L V Talisman, R, G, Stepanov, N, N, Oston-ava hhim, I tekh topi, I masel, 11 no. 11, 13-15 N '56.

Selective hydrogenation of dimethylacetylenyleachinol on Pd/CaCO₃ D, V Sokol'stil and others Trudy on Pd/CaCO3 D. V Sokol'skit and others Tru Inst khum nauk AN Kazakh SSB 14-126-240 666

ACHISAY REGION (KAZAKIISTAN)-MINE HOISTING-CLECTRIC DRIVING

Automation of skip hoists with asynchronous drive, V I Matsen, Gor zhir, no 1158-60 N 466,

ACHISAY REGION (KAZAKHSTAN) -- MINING EN-GINEERING

Sharing the experience of miners of Achisev Polymetallic Combine with all miners of the country III T Skornia-kov Gor zhu: no 12-30-33 D '66

ACID-BASE EQUILIBRIUM

State of the acid-base equilibrium in early postoperative period of hypothermic periostons G. M. Solov'ev, M. IA, Khodas Khirungifa 12 no 11 114-120 N 166,

ACID-RESISTANT MATERIALS

Assembling absorption columns. A.F. Riepolov. Mont, i spets, rab, v stroi. 25 no. 10:8-10 O '63.

Chronopotentiometric method of titration of acids in nonaqueous solutions, A.P.Kreshkov, G.P.Svisirnova, V.D.Matveev, Zhur, anal, khim, 21 no.12,1431-1446

ACIDS, FATTY

(see also subdivision under Black Sea)

Destructive hydrogenation of polyesters of ω -chloroat-kanole acids to α, ω -diots, V. V. Belov, S.G. Poliakova, Trudy VNIISNDV no 7·3-10 '65.

Lifect of the pituitary proparation Adaps and on the Hooksfree activity of fatty the sure and reappoint on the Health of face the second of the content of none stellar-field (free) higher tatty acids in the action (S. M. Leafter, N. K. Davifan (Hinled e) spohiol (med. 55) no 5,50-63.

Michanism of effect of some higher billy reads on actions of infloctment of monormanovaluse of A Higher L B Minashtorm V Z Corlem Highlight 31 no t 1216 -1224 N-D 166

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Properties of the monosthandamide of individual fitt, acids A M Karn (ukb, O, L Mithaffenko Masi zlur, prom. 28. no, 647-22 Jc. 462 Surface tension and adsorption in solutions of 1844s

MPACE tention and advorption in solutions of this acids and their esters in highly the one ollfone the V.A. Sazonov, V.M. Zatkovettkin, P.P. Papachevich Koll zhur 28 no 6 866-870 - 11 166

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ACIDS, ORGANIC

Adsorption on carbon of phenol mixture with dibagic carboxylic acids from aqueous solution - N, I - I reclea ko M, L IAtsevokain - Dokt AN IISSR - 10 - no 93662-664

Analyzing the reaction of cthylene or describe an boxylle acids $(K, (V, Gun^3 Ros), (N, N, 1))$ bedies the distribution 42.57-63. (h)

Anticorrosive action of sodium salts of mosos and differenorganic acids N. K., Shine Pova, V. P., Baranny D. p. AN URSR no. II 1405-1408 462.

Reactions of some saturated monobasic acids with hydro-gen perovide subjected to ultravioletars witation V.J. Shunggin and other (Zhar org. Flain) no H 2007-2011 N (to.

Use of hydroxy acids of the vat residue of synthetic fatts acids in the production of bitumens, [M Rudens] L and others | Khim, i table topl 1 mm at 11 mo 12-29 13 D 166,

AC ORNS

Lifteet of acorn size on oak seedling growth during first year, A.M. Shutlaev. Trudy Thentrachern postry, no 4:50-72 157.

Nature of connections of acoustic hemispheric center in pigeon and their effect on induced potentials, V-1 IPC new Yest Mook on Sect 6 (Biol.), puchy 21 no. 1 21-25 (Ji-Ag 166)

ACOUSTICS

Two recent physical demonstrations: A, & Kozlo v, IV A Khvinov. Usp fiz. and 90 no 4,515-545 N 66

ACQUISITIONS (LIBRARILS)

(see also subdivision under Tambov Pravince)

[New foreign books; catalog of new accessions] Nov. mostr.knlgi, kat. nov postup no. 11 '66,

The use of for eign bibliography in the acquisition of books for the collection of a featific literature. A.A. Surveskii, N.V. Medvedev, I. F. Mikola vo., Sov. bibl. no.5:01-05 64.

ACRIDINE ORANGE

Bacteriophage A mutant resistant to acridine or abre-V.K. Raylo, 1 V. Andrei va., Vop. virus, 11, no. 5.573-578 S-O '66

ACRYLAMIDE

Interaction of polyaery lamide with suspensions, O.D. Kurylenko, I., P. Prylypko, R. V. Mykhaliuk. Dop. AN URSR no. H-1182-1485 '66'.

Strength of aluminum hydroxid deposit treated by polyacitylamide, B.A. Mittin Koll zhur 28 no 5 852-857 N-D 466.

ACRYLIC ACID

Cold cured epoxy-acry his compounts G. 1 Ilklinovskii, R R Popenker, V M Kaznetsova Plant, massa no. 9 11-16 '62.

New reagent for stabilizing clay made A. T. Khon-Pak and others. But enie no. 12 6-8 166

Polymorization in highly viscous modia and threedimensional polymerization. Part 3: Mechanism of self-acceleration in the initial and intermediate stages of polymerization of polyactylates C. V. Kotolev, A. A. Berlin, Vysokom soud, 4 no 11:1054-1650 N 162.

Polymerization in highly viscous media and threedimensional polymerization. Part 4: Study of free tadical recombination in polyacrylate glasses by means of obestron paramagnette resonance. G. V. Kotolev, B. R. Smirnov, A. B. Bokknowitinov. Vysocial control of the kom, soed, 4 no. 11 1060-1064 N 162,

ACRYLIC ACID (Continued)

- North the Acta Community
 Polyners based on the esters of 2-furylacrylic acid and
 glycols V, K Komb v, I, V Kaminakhi, V, V Korshak
 Trudy MKHTI no 12 113-115 163
- Preparation and study of some sultur containing copoly ners of oligocater acrylates A A Reclim and others
 Vysokom soci 8 no 10,1733-1736 O 66
- Some theological properties of solutions of polyvinyl Bleehol mixed with puly revite acid. P. P. Pimonenko and others. Khim prom Ukr. no 6 3-8 N-D 166

ACRYLONITRILE

- Majorials on experimental studies of the toxicity of sevage resulting from the production of acrylontrile F V Clashovskila and others. Vod., kan ,gidt soot to 183-88 '86
- Prepriation of adponitrile by hydrodimerration of artifontine. A P Tomilov, V. A Filmov, S I Varshavskii Khim prom. 42 no. 12,802-896. D. 166
- Parification of sewage resulting from the production of actylonitrile from rectons and hydrocyanic icid. Shehegolev, P. V. Chekhorskila, G. P. Nazarenko Vod., ran, gidi soor no 1,89-95 too
- Quantitative determination of acrylonitrile by means of Mesanethylenimine, A. P. Terent'ey and others Mosl un Ser 2 Khim. 17 no 5 83-84 S-O '62

ACRYLONITRILE POLYMERS

- Carborhain polymers and copolymers, Part 12 Graft copolymers of acrylomirile and methacrylate polyeter of W-indroxymanthic acid G S Kolesnikov, G T Gargenider, Vysokon soed 1 no 11.1709-1713 N 462.
- ct 102.

 Role played by surfact electronic defects in heterogeneous catalytic polymerization. Part 3. Polymerization of act ylentriff in the presence of colored alkali haldes obtained in the Whitz-Fitting traction. K.S. Mansker, V. I. Ganina. Vysokom soed. I no 11 1665-1671. A. 162.
- 1671 N '62 Stucture of products of polymer analog transfermations of polyacryloniti fic studied by spectroscopy method 1U. V Glazlowskii, P.V. Mikhatlov Vysokom sood 8 no 10 1673-1676 O '66
- Study of the dycing of fibers made from an accylonitrile. N.F. Barvinskata, M.V. Korchagin, J.A. Shikanova Izv vys ucheb, zav "tekh, tekst prom —no 5116-119

ACTING-STUDY AND TEACHING

Griner, V.A. Rhythm in the art of an actor; method-ological textbook for the artical, cultiu al, educational schools Rition viskussive aktera; metodicheskoe poso-bie dila teatral nykh i kul'tu no-prosvotitel nykh uchi-Lisheh, Moskva, Prosveshchenie, 1966. 154 p.

ACT INOMETRY -OBSERVATIONS

[Actinometric monthly] Aktinometr. ezhem. Dec. (pt.1), 1963; Sep. (pt.1), 1965, Oct. (pt.1), 1965, publ. '66.

ACTINOMYCES

- Antigenic properties of decays ibonucleic acid of actinomy-ces. B. P. Matseliukh Zhan, mikrobiol, epid 1 iromun 43 no 11:24-26 N ¹66.
- Miscenotic position of the species Actinomyces levoris in a carhonate and humus rich soil I, Sabo, M Marton Mikrobiologita il no 5 881-890 S-O 182,
- Conditions for the detection of the verticilliate structures of spoispholes in a tinomycetes IU, I'. Konev Miki obiologija 31 no 2·265-270 Mi -Ap ¹62
- Distribution of actinomycetes in genetic horizons of same Bashkir soils V. D. Kuznetsov Mika obiologija 31 Bashkir soils V.D Kuznetsov no 2:301-306 Mr-Ap '62.
- Fffect of sheat rhizosphere bacteria en soil actinomycetes.
 Mikrobiol, zhur 28 no. 646-22 466.
- Flectron microscopic study of Micromonospora vulgaris spores. N.S. Agre Mika obiologiia 31 no. 2;275-276 Mr-Ap '62
- Formation of pentagne and polypeptide antibiotics by verticillate actinomyces, V.D.Kuznetsov, N.O.Blinov, N.M. Vikhrova, Mikrohologita 31 no.5901-015 S-O '62, Nev genus of ray fungi Actinopycnidium n gen from the family Actinomycetaceae N.A.Krasti'nikov, Mikrohologita 31 no.2-250-253 Mr-Ap '62
- Physiobiochemical and antihiotic properties of actinomycetes from the orange group. IUan' TS21-shen (Yiion Chi-sheng) Mik obiologiia 31 no. 2:254-261 Mr-Ap '62
- Study of biosynthesis products from a mutant of Actinomyces auteofactors 1515 V. G. Makarevich and others Antibiotiki 11 no. 11:980-984 N. 166
- Systematic position, variability and antibidic properties of the producer of the antineoplastic antibidic tavromycetha L. P Ivanitskaia and others Antibidiki 11 no. 11 973-976 N 106

ACTINOMYCES-CULTURES AND CULTURE MEDIA

- Comparative characteristics of culture media for cultivating pathogenic Actinomyces, T.A. Derevleva, rinarija 43 no.1,102-103 Ja 487.
- Comparative study of actinomycetes of genera Macrospora and Microellohosporia R. A. Zhukova, V. A. Tsyganov. Mikrobiologiia 35 no.5:833-8:6 S-O 66.
- Defective lysogeny in Actinomyces streptomycini Kras culture, producer of stroptomycin. IA. I. Rauteshtein and others. Miki obiologiia 35 no 5:860-863 5-0 '66

- l'iffect of growth atimulants on atreptomy cin producer N I itvinenko Mika obiologija 35 no 5.702-795 S-O 166
- Thect of medium composition on intrinsic thiorescence of browningray actinomycetes K. A Vinogradora, V. A. Polturak Mikrobiologica 33 no 5 829 832 5-0 46
- Method of referring natural variants of Actinomyces rime-us for surface furnerisation | T \s Kyrshmus \nubbotki | II no. II 1004-1007 \squares 104
- Microscopic structure of Actinomyces violaccus colonies Z B, Shamina Mikrobiologua 31 no 2,271-271 Mr. -
- Microscopic structure of the colonies of Actinotajees streptomyciai and Actinomyci's longrapicus rubci 1, A, Prukoffevr-Belfjuoskata, Z, B, Shamin'i Mist biologiia 31 no 5 657 802 5-0 402
- Pathways or carbolight are metabolism in Actinomyces fradice grown in reglia with starch and glucost G A Penzilora, M M Levitov Biolhimnia 31 no 6 1217-1252 NoD 566
- Ribitol containing tele holeacid from cell wall of Actinomy. ces, producent of antibiotic surantin I B Naumova, A N Belozerskii Biokhimita 31 no 6,1276-1282 N-
- D '66
 Some regularities of the formation of bruncomyon in cultures of Actinomyces albus var bruncomycus (Olykhoztosa and others - Antibiotis) il no 11 976-980 N 968
- Study of altrogen-containing components in the mycella of Actinomyces. A M Berbot odov M ki obiologija 31 no 5,804-810 S-O 182
- laxonomic position of novoblocin producers. V.D. Miki obiologim 35 no 5 841-849 Kuznettov and other s
- Variability of Actinophyses or 3threus under the action of specific actinophage and mutagente factors. V.I Retins Rata, S.I. Alikhanian. Mikrobiologija 31 no. 5 841-819 S-O 182.
- Variability of prototraphs of Act, aureofacters under the influence of nutagente factors. L. N. Bortsona and others. Mikrobiologija 31 no. 5/850-852 S-O 162.

ACTINOMYCES-GENETIC RESEARCH

- Diffect of ethylenmine, ultraviolet rays, and of the combined effect of these factors on the variability of Actionarces and offsetions. Determination has done the synthesis of chiloretracycline and vitamin R₁₂ N B Romanova, S.I. Alikhanian Antibiotiki W no. 11 081-907 N ¹⁶⁰
- Method of selecting natural variants of Actinomyces itmosus for surface formentation | D S | Kyashnina Antibiotiki | P | no II 1004-1007 | N | 66

ACTINOMYCOSIS

Treating actinomycosis in cattle. A. P. Kosykh. Vetermaria 43 no. 11:63-65 N 166.

ACTIVITY PROGRAMS IN EDUCATION

- Active participation of students in classwork in the light of rducational psychology, d0 no 8 68-80 \g | 66, 5, F Znikov, Sov pedag
- Diesterweg's views on the development of the creative ability of students. D. Zholduev. Vech. st.cd. 4hkola obility of students. D. Z 9 no.6:05-87 N-D '66.
- 56 that the children participate with pleasure Z. Sadov-nichata Nar. obj., no 12:58-61 D 166
- ACTORS-CORRESPONDENCE, REMINISCENCES, ETC. Sumarokov, A. A. [Through the syes of an actor] Glazanai aktera. [Izd. dop. 1 perer.] Kiev, Mystetstvo, 1906. 309 p. (CU)

ACYL GROUPS

Determination of acid groups in ligning by means of highfrequency conductometry V M Rezmkov, O. N. Chud-novskata Zhur, anal khim 21 no. 10:1243-1247 *66.

ADAPTATION (BIOLOGY)

- ion syndome I.I Finkel'. Probl andok i gom. 9
 no 142-89 Ja- F '03.
- Resistance of cold-adapted animals to amyta1 and some aspects of the mechanism of its nercotic action. S. P. Masloy, I. N. lyashkina. Biul eksp. elol i med. 55
- Use of radioactive chromium in the study of the adaptation of crythnocytes in transfused blood G. A. Guselnov and others. Azerb med zhur 40 no 9:21-26 S '63

ADAPTIVE CONTROL SYSTEMS

Algorithm for quickest search in pulse-type optimalizing control systems. V. V. Kazakevich. Avtom. I telem. no, 12:71-80 '66.

ADDITION REACTIONS

- a, \$-Unsaturated thiol acctates. Part I: Vinylthiol acctate in homolytic addition reactions. N. P. Petukhova, E. N. Prilezhaeva, Zhur, org, khim 2 no 11-1947-1954 N
- Synthesis and properties of allene hydrocarbon derivatives. Part 9: Interaction of lithium allenes and alkylithium adducts with enyne alcohols and carbonyl compounds. O. V. Perepekin, Kh. V. Ballian. Zhur, org. khim. 2 no. 11:1028-1934 N 166.
- ADÉLIE PENGUIN see subdivision under Fulmaa Island,

ADEN. GULF OF-COPEPODA

Copepods in Sucz Canal, Red Sca, and Gulf of Aden and their occurrence by regions | F. Delalo, Shor, st. X rand prog McG no 15197-139 (6).

ADEN, GULF OF -- OCEANOGRAPHY

Hydrologic conditions in Red Sea and Gulf of Aden occording to observations from research ship
"Akademik 1 Kovakerskir" V.K Bogdanova Shor st Named prog MGC no 15 16-68 466

ADEN. GULF OF-ZOOP LANKTON

Distribution of buriass in zooplankton in Red Sea and Gult of Aden in wanter of 1961-1962, F P Delalo-et X razd prog MCG, no 15 131-136, 466

ADENOSINETRIPHOSPHATASE

- Histochemical study of adenosing triphosphatase activity in regenerating and degenerating nerves 0, Al Rozh manova (the bioblam), that 48 no 6 573-579 (66
- I or the ition of adenosinetraphotose setivity in the structural elements of bicter to hage T2 AS Tikhone ko, B. I. Pogla ov Brokhimila 28 no 2 310-314 Mr.

ADENOVIRUS INFECTIONS

- Morogkin N. I. and others. [Adenovirus infections]
 Adenovirused rakhi oruwannia. Kyiv. Zdorovia, 1964.
 113 p. 113 p. 0lus. (Biblioteka praktychnobo likaria)
 (DNLM)
- Reviews and bibliography, V.I. Gavitley, Vop. viius, 8 no. 1:521-522 Ji-Ag 163.
- Study of adenovirus infections in Macaca thesus monteys, VI Garrillov and others. Vop virus, 8, no 1,475-100 J1-Ag 163

ADENOVIRUSES

- Detection of adenoviruses in spontaneously degenerating transplantable cell cultures 11 no 6 685 668 N-D *66 M Seinbergas Vop virus
- Preparing hyperimental influence parameticents and ordered at serums. N. N. Orlova and others. Vop. vn. is. It no 5 551-551 S.O. '66
- Resistance of hemagglutinating and infectious activity of adenovii uses to various physicor hemicul effects R S Dreizin, F l Zolotar skala Vop virus il no 6 688-99, CI-N 969

ADENOVIRUSES-CULTURES AND CULTURE MEDIA

- Morphogenesis of persistent infection of types 2 and 3 adenoviruses in Flatianue culture M. B. Maksimovich, I. A. Zubko, Vop., in no. 11, no. 6,696-702, N-D. 166
- Study of the scheitivity of epithelial tissues to adenovitus-N. S. Kropotova Priely Mosk namely -isst inst virus prep no 3:255-263 '65

ADJUESION

Structure of adheave active surface layer of orditzed polyethylene suided by means of infrared spectroscopy I k. Bortsor and others Koll zhur. 28 no. 6 792-796 H-D Ho

ADJUESTVES

- Gelling of synthetic-rubber latexes, O. D. Chuhai, I. H. Bolchenko, M. I. PrzhebyPskyi Khim prom.[Uku] no 3 79-82 JI-S 162
- Using synthetic adhesives for rolling stock construction.

 V. M. Khi uley | Zhel, dor transp | 48 mo, il-13-19 | N | 66

ADIPHENINE

Quantitative determination of spasmolytine and novocain-amide using the anionit N-O D.S. LAskine. Nguen Bo Khiep. Apt.delo 12 no 175-77 Ja-F 163

ADIFONITRILE

- Electroreduction of adipic acid dinitrile on platinum. 1. V. Chvankin, V.G. Khomiakov. Trudy MKIITI no. 41.
- Hydrogenation of adipic acid distirile on platinum. I.V. Chvankin, V.G. Khomiakov, Trudy MKETI no. 41: 82-85 463
- Preparation of adjointfille by hydrodimerization of arrytonitatic. A. P. Tomilov, V. A. Klimov, S. I. Van shavskii, khim, prom. 12 no. 12:692-896 D 106.

Effect of the pituitary preparation Adipozine on the lipolytic activity of fatty tissue and the content of nonesteri-fied (free) higher fatty acids in the serum. S. M. Leites. N. K. Davtian. Biul. eksp. blol- i med. 55 no. 5:60-63

ADLER DISTRICT-CONSTRUCTION INDUSTRY

Current work and plans of construction workers on the Lenin State Farm. M. Shulenin Sel', stroi, 18 no. 11: 4-6 N '61.

ADMINISTRATION OF CRIMINAL JUSTICE See Cilminal justice, Administration of

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ADREMALINE -- PHYSIOLOGICAL EFFEC IT

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ADDENALINE IN THE BODY

Costent of shoushne and noradingnating in the blood in a chome insulue. It A Shotalova, I G. Gunitskii. Zhin are 1,4 p-44h, are no 12 -29-467.

I next of high win on the content of components of the to VI kuliko a. Vop med khim. 12 no 6 606-61d N*D 166

ADDRENERGE, MECHANISMS

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Role of the glyer contributed activity of the adjected could be the location and machinism of forcestly reaction to product all dominate attention of protein substances. A N Christian May R Christian Probleg conditions are 114-19 May 164

receitors uncertainen of the adienal contex. V. M. Rodio-nos and others. Fut titiol i eksplorate no 3:3-9 16.4

Use of continuous training and V A Kondacy Problem of the Problem of the Problem Probl

ADRENOCORTICAL HORMONES-PHYSIOLOGICAL EFFECT

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ADRENOCORTICAL HORMONES -- THERAPEUTIC USE

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Dib et it givese attroids on scrotonin metabolism in patients with ecrema and neutodermatitis during treat-nead with adminiscritical preparations. I. IA Shahi-tineister and others. Trudy I-go MMI 43 184-188 (65

the come main a uniment in the treatment or some skin diseases. A V Kolokolova O N Protova. Someod 20 no 12 124-125. D. 66

ADSORBED SUBSTANCES

Adexprise properties of aluminum oxide treated with boson fluoride V. A. Chernov, T. V. Vintipina. Vost Mosk un, Ser. 2. Khim. 11 no. 5 19-21, S-O. 162

Higorite properties of adesthed platinum, E. A. Bylina, V. B. P. dokiros, N. I. Kobozev. Vest Mosk, un, Ser, 2: Fhim. 17, no. 116-16, S-O, 162

ADSORBENTS

Laboratory inclind of testing the "carability of adsorbents, M.V. Feddiov, Trudy IGI 18:259-261 '62

Visit (the description method of chaning 0-6,010gen on aluminum oxide for chromatography, B.N. Zimoghad, U.P. Blagol, G.G. Zhin, Zhu, f., khim. 10 no 11 2871-2875 N. 166

no il carresio y on Adsorption method of removing benzene impurities from esclobetant. B. P. Luziania, N. V. Keitjeev, N. S. Torochesh ikov. Trudy MNIIII no il 101-106 163 Assorption of alcohols on the surface of mineral sulfur, V M Burssot, R, 1 Malinskii Doki AN SSSR 171 no 2 103-403 N 166

luser ption on carbon of phenol mixture with dibasic can box lit acids from aqueous solution. N. F. Crimolen-ko, M. I. I. Viscoskala. Doki. IN BASR. 10, no. 9,662-664 5, 166

Chemisorption and reactivity of acctone mixtures with carbon monoxide and mixtures or the as studied by means of infrared spectroscopy. A, A Kadushin, R, Nafov, S, 2 Regimskii. Dokl AN SSSK 171 no.5-1130-1133. D '66.

Computation of the energy of neon and argon adsorption by results NaA P Broter, 1 V Kiselev, A A Lopatkin Boki, 3N 55SR 171 no.5-1126-1129 1) 166

Determination of the rate of adsorption Sh M. Sabirov, A.G. Kasatkin, E.N. Serpionova Trudy MkHT1 no 11-160-165 '63,

Effect of sorbent structure on selective character of ad-sorption of components in benzene cityl alcohol binary inixin es V. S. Komarov, A. T. Rozin Dokl. AN ESSR 10 no 9 668 671 S '66

Effect of temperature on the adsorption of colloidal particles sonsizilized by gelatin at hydrosol-solid interface L.N Kalitina, IU.P.Kosovskais, L.D. Skrylev koll zhur 28 no.5 837-836 NoD 166.

Kabanov, B. N. Plectrochemistry of metric and of sig-tion, Flektrokhimila metallov Ladsorbbath. Medica, Nauka, 1966, 221 p.

Kineties of heavens at couption by after the first term in my ofth n heptane V V vector (1911) but no 6 797-800 (14 D. 1906)

no externa of the about food of the continuous and according to the continuous D. G. Zyraydali a continuous no 2,339-341. Ab - Ap - 62

Style and dynamic advertion of liquid his time (1991). Vendoy (Following 1890) is 601 flow (2011).

Study of adsorption expactly of siften per borest end to the carbon gasen. M. M. Kulley, J. V. Grigoria of the right blue. 15 no 6047 do 5066.

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Temperature dependence of conditions and the Hills. So absorption on platform, G. C. Jan. (1987), S. V. Y. J. Shova. Plektrokhmilis Sono 11 (1994-1960);

The or self-fillation radiometry for the study of the advorption of chieffolytes on collute its motive it. T. D. Bhefpanova, V I Wholey Dondy VNIIII in the

Use of scintillation i idlometry for the study of the adsorption of dectrolyte on collumetre in a select Z.B. Cherchskit, T. P. I berpanova, D. G. Tilefelior Trudy VNIB no 51 to 81 955

Valence state of perlpheral earlier atoms on the many of treathy out proportion Valence, O.A. Sanation Dobt, AN 55-36, Let no 2, 44, 177, N, 266

Work function of soverol such as 1, 1, 30 of 141 415 Fig. 18 888R Sci. ft. 10 no 12 1960-497 (1) no

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Cuttonid a (Hyremoptera) on bandon trees in a trees and Adrian istan N.G. Agekian Zool, him 15 to 14 1323-1324, 166

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AERIAL PHOTOGRAMMITRY

A curacy or photogrammetric measurements on 34 obtographs taken with a continuous (trapes one) of B. Gonin. Probl. Arth., no. 3.103-143. U. 4.

AERIAL PHOTOGRAPHY see Photography, Actist

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AERODYNAMICS, SUPPRSONK

Akademila nauk SSSR. Fiziko-tekhnichenkli hestitut Aerophysicat studiek of supersonic flows? Aerodza cheskle issledovantia averklazvukovykh terhenti. M skva, Nauka, 1967, 301 p.

AERONAUTICAL SPORTS-COMPETITIONS

They are competing on jet planes 5 I Manufer V 174 nov Krel rod 17 no 9 11-15 5 266

AERONAUTICS

It is interesting to know this . Let yi read $\sim 17~{\rm km}\,{\rm c} / {\rm cm}$

AERONAUTICS -ABSTRACTS

[Air transportation] Ref. thur. : Vord, transp. no.1 da

AERONAUTICS-LAWS AND LUCISLATION

Precident of the open sea and the legal procedure of sirpian flights. N. S. Zhithinkii. 1.1. Tarkhinen. Messon. 10 no 10 fb 11. O. 166.

AERONAUTICS-STUDY AND TEACHING see sub-

aeronautics, military-study and that hing May I have your criticism V Buchenkov Kint for

ADRONAUTICS IN AGRICULTURE 880 subdivision under Czechoslovakia

AERONAUTICS IN FLOOD CONTROL

Recommissance as inlevelonation of autilion region 5. P. Kavetskii, V. I. Korovin Trudy Karnjiami and the

AERONAUTICS IN GLACIOLOGY

RELOCATION IN GLACIDIZATY

Brief analysis of results of ser orisinal observations on location of snow line in mountains of western Hen Shien G.E. Giozyrin Trady Seed -Az match is st gide ometeor lines no 27:17-53 '66

AERONAUTICS IN OCEANOGRAPHY

Combined study of the sea bottom in shallow while a new aeromethods, V. V. Sharkov, Z. I. Chullova, K. M. Petti, Trudy Okean, kom. 11:63-03 [62].

AERONAUTICS IN SURVEYING

Acrial that mai sarveying in geological research and proseer man and their but veying in geological research and pros-pects for interpretation of abyseal the real fields or platform and orogenic regions. A P Synattorakii Gool 1 geoliz. no 9 126-127 (6)

AEROSOL THERAPY

Frect of a concentration of aerosols of vaccine strain There of a configuration in agreement of unsuse public to him efforts. A V Schvanov. Shor much tab. Sabarti no. Il ta-19. (n.2.)

Problem of the acrosol immunization of swine against Hopen of the across dimensional of some against hop cholera using powder vareing of the avirulent dry laninized virus factor strain A V Schyanov, G A Gilnitsina, Shor nauch rab Sil NIVI no il 135-137 162

Studying the morphological changes in sheep during their acrossl immunization against brucellosis. A V Selt-aniv. Stor nauch tab SibNIVI no II 21-27, 162

Testing the aerosol method of vaccinating sheep against Festing the agrospi method of vaccinating sheep against brucellosis under tield conditions. Report No.1 \ V Selvanor Shor nauch rab SubleVI no.11.29-34 (62

Study of processes of capture of nerosol in cloud by mathod of tagged atoms I.I. Burtsey and others landy VGL no. 3:63-78 - 960

AEROSOLS-MICROBIOLOGY

Lifect of an inmodity on the vitality of micro-organisms in 30.030 kg. V. V. Vlodavets Mikrobiologija 31. no 2.350-356 Mr-Ap. 62

AEROSPACE TELEMLTRY

Kokovin, N.S. [Radiotelemetry of atmospheric sounding] Radiotelemetrila zondirovanila atmosfery Leningrad, Gidrometeolzdat, 1986. 161 p.

According to the lay a of beauty. V. Karbovskain, Agitator 34 no. 143-16 Ja 167.

Aesthetic attitudes toward work, R. G. Alzenshtat, Vest, Mosk, un. Ser. 8, Pilos 21 no 5:56-61 S-O 166

Duby ovin, A. G. [Remarks about the beautiful, the aesthetle ideal, beauty and har mony in works of art] Zametki o prekrasnom, esteticheskii ideal, krasola i garmonila v khudovhestvennom profevedenii. Moskva, Zamute, 1987. 30 p. (Novoe v zhizni, nauke, terhnike. Višerila Literatura, no.1)

Malygin, V.A. [The sublime in the world of aesthetics] vozvyshemom v mire estetiri [Leningrad] Lenizdat, 1986 157 p.

Necessary work, M. Baskin, Tentr 21 no. 7:123-125

Objectivity of aesthetic evaluation. Stefan Morawski Vop 1105 20 no. 12 89-100 '56. Special feature's of the reflection of reality in aesthetic taste. L B. Shull'is. Vest, Mosk, un Soc 8 Filos. 21 no. 5 62-7 i 5-O 'bb.

V. I. Lenin's aesthetic tastes. M Parkhomenko. Mol. komm. no. 11 51-50 N '51.

AESTHETICS-STUDY AND TEACHING (see also subdivision under Kazan)

Att comes to the younger school children V. Shilov. Nar obs. no. 12 66-67 D '66.

V. I. I wain and the problems of aesthetic education. G Sezentov. Liudy GISI no 16 128 -144 63.

AFFORESTATION see subdivision under Russia, Southern: Ukraine

AFGHAN WARS

Military action of the Afghan armics during the War of Independence in 1918. A. Ingmurov. Izv. in Turk. SSR. Ser. obshehesty, nauk no 4:18-23 '66.

AFGHANISTAN-GEOLOGY, STRUCTURAL

Machanism of formation of structure of sedimentary mantle and nature of recent crustal deformations of Afghau-Tajik depression in light of some geological and geophysical data. IV. G. Leonov. Bit I. MOIP Old. geol. 41 no 1:30-10 MrAg *66.

AFRICA-BIBLIOGRAPHY

[New Boylet and foreign literature on the countries of Asia and Africa] Nov. sov. 1 mostr. It po stran. Az. 1 Afr. no.12 '66.

AFRICA-ECONOMIC ASSISTANCE, RUSSIAN

Faithful friend of the African peoples | F. Selful'-Muliu-kov. Agitato: no 2 16-47 Ja '62

AFRICA-ECONOMIC CONDITIONS

Akademlia nauk SSSR. Institut Afriki. [Economic history of Africa] Ekonomicheskaia Istoriia Afriki, sbornik statel. Moskva, Nauka, 1966. 192 p.

AFRICA-GOVERNMENT OWNERSHIP

Shpirt, A.IU. [Expansion of foreign state monopoly capi-tal in Africa] Ekspansila Inostrannogo gosudarstvenno-monopolisticheskogo kapitala v Afrike. Moskva, Nauka, 1960. 192 p.

AFRICA-HISTORY-SOURCES

Valuable som ces for the history of Africa. IU. M. Kachaber Ukr, ist, zhur, 10 no. 11,139-110 N '66,

AFRICA-INVESTMENTS, FOREIGN

Shpirt, A. IU. | Expansion of foreign state monopoly capital in Africa | Ekspansila inostrumogo gosus anylycomomonopolisticheskogo kapitala v Afrike. Moskva, Nauka,

AFRICA-LABOR AND LABORING CLASSES

Akademia nauk SSSR. Institut Afriki. [The laboring class of Africa] Rabochit klass Afriki Moskva, Nauka, 19ы 275 р

Recent cartographic materials on Asian and African countries. T. N. Nell'officer. Mat Obligat geogra-vart Geogrob-va SSSR no. 2-98-104, '62.

AFRICA-MONETARY UNIONS

Monetary unions of Milican countries in the system of the frame area, R Togovinskaia | Don't kied | 24 no 12 76-85 D 166

APRICA-POLITICS

Mrica continues its struggie - O ISadzbaia, "Mol.) oram no 1106-110 Ap 461.

The African revolutions its achievements and problem a K Brutents Michigan chien 14 no 128-39 b7

Characteristics of the present-day notional liberation movement in Asia and Africa. M. Kh. Miratov. Tro One-party 338(e) in Merica P Teo-ian Mechdumai which I in 0.157-158 067

AFRICA-SOCIAL CLASSES

Barbé, Raymond, [Social classes in Black Africa: Trans-lated from the French] Obshchestvennye klassy v Chez-nol Afrike, Podred, is predist, G.A. Dadasheva, Moskva, Progress, 1966, 215 p. (CSI-II)

AFRICA, WEST-PLYWOOD INDUSTRY

Plywood industry of Africa K T. Senchulov Det prom 15 no 12 25-27 D 166

AFRICAN LANGUAGES

Ideophones as part of speech in African lammages. B.V. Zhurkovskii Nar. Az. (Ar. no. 6)114-116 466

Moskovskii gosudar sivennyi univet sitet. Institut vostoch-nykh fazykov. [Linguages of Africa; profilems of struc-ture, history, and typology] Hazyki Afriki, voprosy struktury, istorii i tipologii Moskva, Nauka, 1966,

Composition and biological properties of agai-rissue preparations. M.A. Misarov, V.A. Lebidev. Veto naria, 43 no. 12:10-50 D. 565.

(ompatison of the radioscinativity of infec of A and C₅₇ (black) lines in various age periods, S.N. Mobbandrov N. M. Pronina, Vop. radioblo1 335-11 51,

AGE (PSYCHOLOGY)

The safforts age A.G Barrnov Mor shor 19 no 10 10-17 O 166

AGGREGATES see Set theory

AGGREGATES (BUILDING MATERIALS)

Base for complex processing or gravel-rubbly materials P. I. Ivanov, N. A. IAlovets — Avi doi: 29 no 12-16 D $^{+}66$

Effect of aggregates on properties of concrete, V.N. Punagin Stron, in white the density of 12-14 Ap. 165. I stablishing the requirements for the granular composition of the different functions of conducte fillers during then grading G.I., Gershanovich. Gidrest of 33 no.8;13-16 Ag 463

Obtaining lightweight aggregates from Shadrinskiy tripote and using them in the manufacture of conercic B.S. Zaidenberg, E.S. Karibevich, Shortend ROSNIMS no 24 81-86, 462.

Age - clated changes in the Lion content in Usanes and DNA preparations of white rats. B. I. Gol'shtein, S. C. Rud', L. L. Poliskoya, Vop. mad. Phim. 12 no. 6-618-621 N-D '66.

Analysis of the characteristics of the electrical activity of the cerebral cortex after section of the brain stem by the Bremer terinique) in dogs at different age periods I.I Gokhilit. I. A Kornienko. Biul eksp biol i med 55 no 6:14-19 Je '63

Dependence of the reaction of the developing organism to aminazine on adrenor ortical hormones. I V Marsrova Problemdok i gorm. 9 no 1:3-7 Ja-F 163

Pragmentation of fiver DNA as related to animal age V.V. Herasymova, B. I Gol'dshiein, S. H. Rud. UI., blokhim zhu 38 no. 6 586 -584 '65.

some data on the incidence of fractures of the femoral more and main age related by the all attent E. P. Pod-rushof by transmatologile no. 1-190-192 (6)

AGRANIILOCYTOSIS

Youte medicinal agranulocytosis with the presence of affrigit antibucocyte automithadies des doping ster-ten regeline therapy – V D Dyght, R. K. Kalirchensto, Probl. genat (1 per 1 krovi 3 no 52-53 i 6).

AGRICULTURAL CHEMICALS

[What we have gained from chemistry] Chio nam dala khimita. Moskva, Sovetskaia Rossita, 1905—137 p. (Truzhenikam sela~ob intensivael sisteme zemledelita) (DNA L)

AGRICULTURAL CHEMICALS-TOXICOLOGY

Kagao, IU.S., F. N. Burkatskain, and F. I. Spynn Prevention of polsoning with toxic chemicals; abstracts of lectures Profilaktika of natemin gadahimikatanit, konspekty lektsii 2 izd Moskva, inst sanitarnogo konspekty lekts# 2 170 mazza.... prosveshchenifa, 1985, 67 p. [DNAL MICROPILM]

AGRICULTURAL CONTRACTS see Contracts, Agrieultura1

AGRICULTURAL CREDIT

(see also subdivision under Bulgorod Province) Razikhetan, Staviopol Territory, Ukraine)

Issuing credit to state farms 7, Ogdanets Den, I kied 21 no 12 51-56 D 166.

AGRIC ULTURAL GEOGRAPHY (see also subdivision under Zhitomir Province)

Use of linear programming in solving , extain problems of pricultural geography. A.V. Gorokhova, M. R. Kame-netskii, A. I. Shrartsberg, Dukl, Inct. geog. Sib. (Dal). Vost, no.10/52-58 '65,

AGRICULTURAL INSURANCE see Insurance, Agr leuttural

ACRICHITURAL LABORATORIUS

Work, results of conal approchemical laboratories and tasks in 1967. A M. Visheddin, V. P. Folstonsov, Klifm v. ScP, Phoz. 4, no. 19, 56, 58, D. 460.

AGRICULTURAL LAWS AND LEGISLATION

Contralized goldaner and independence of management A Denisov Eton selbshoz 12 no li ll9-122 N '66 [Consullations on the new legislation] Konsulvitasil po-novomu zakonodatel'gtwi, Moskyal Profizdat, 1966, 78 p. (Bibliotechka sel'skogo profsoinznogo aktivista, 78 p. (Blbs no, 23(71))

Problems of the codification or agricultural lasts. P. D. Indych also, Pravoznas ito no 1 56-64 %,

Use of had should be regulated by Law La Sentin Thon | del'kho | 12 no 12 de 43 1) | feb| | What is new in legislation | III | Borzenkov | 1 kon sel'-| 1 ho | 42 no 12 dl3 - 115 | D | feb|

AGRICULTURAL MACHINERY

(900 also subdivision under Kinghtzistan)
Cultivator and plant (color for row crops, Inform,
but VDNKH no 0.23 Ag 102.
Elements of the theory of optimal parameters for mobile

agricultural machinery units 10, K, Kirthara, Junkt 1 scl@hozmash no 12 19-22 D 466

Optimal position of the working parts of tractor-mounted against tracking in machinery, F. F. Doortoo, Nuch trady UZNIMI no. 5 12 19 259

AGRICULTURAL MACHINERY—CLEANING

Connections and nazzles from pipes, P. L. Sullenhov Trakt, I sell-hozmash, no. 12 36 D 466

AGRICULTURAL MACHINERY-ECONOMIC ASPECTS

Method for determining the technical and economic officiency of new agricultural machinery, report at the meeting of the Scientific Council A P. kolotush-Fins. Shor, nauch, inform Nauch sov poleff, confond kap vluzit i nov tekh, AN 558t no 2 32-61 162

AGRICULTURAL MACHINERY—EXITIBITIONS

Agricultural machinery at the 8th International Paix in Brino, A, N Wilda Trakt, i sol'khtozmash, no 12 41-43 D '66

Machines displayed at the international exhibition, S, Sheruda, Zashch, rast, ll no. 12 29-31 166

AGRICULTURAL MACHINERY-MAINTENANCE AND REPAIR

radovanita na remontnykh predpritatilakh sel'skoga khozialstva Moskva, Biuro tekhn, juformatsit GOSNITI, 1965. 391 p.

[DNLN: MICROFILM]

Petrov, S. A. [Repair of agricultural machinery] Remont sel'skokhoziaistvennykh mashin. Moskva, 60s. izd-vo selkhoz,lit-ry, 1954. 108 p. (Uchebniki 1 uchebnya posobiia dita podgotovki sel'skokhiziaistvennykh kadrov massovot kvalifikatsii)

AGRICULTURAL MACHETERY-MATHEMATICAL

The lating machine agricultinal units and their couroding in shem. V. G. Fribect, Zap. 131 HI (194-10196)

AGRICULTURAL MACHINERY-TESTING

Energetic et abilities et treferebre n'nechret units rether firlitisting ("Allema", P.P. Leman, W.D. Lulus (T.), LSKHI (6.06)-170 (m.)

AGRICULTURAL MACHINERY—TRANSMISSION DEVICES

Testing stimilion chain transmissions with the ordinarling outrol of thad IU A VIa or, L V Tennit sum Trakt in 14h szpashor or 12 15-bi D 466

AGRICULTURAL MACHINERY INDUSTRY (see also subdivision under Tula)

West follo the smellary production resources. L. D. Par-

AGRICULTURAL METEOROLOGY see Meteorology,

AGRICULTURAL MICROBIOLOGY

Proble is of soil microbiology concerning the increase in scritculiural production (F.N. Mishustin, Mikrobiologica, 31 no. 2,362-370, Mr-Ap, 162

AGRICULTURAL PESTS

Withs and paralids as pasts of farm supplies. A Zagu-liauv Zashch rust. H no H 34-35 46

AGRICULTURAL POLICY

Emel'i moy, P.E. [This id dictated by life] Eto prodik-tovano zhizn'iu Moskva, Sovetskala Rossila, 1965. 110 p. (InU)

Farand direct ties or collective and state farms with Forms affect the of Chicago and state farms in industrial progress F Zemlianskii, S Niktin Elon selfkioz 42 to fl 22-28 N 166 Toward an abundance of agricultural products M.A.

Ol'shatskii Mol komm no 4 35-43 Ap '61

AGRICULTURAL RESEARCH

(see also subdivision under Germany, East, Ukraine, Zhitomir Province)

Engomer Province)
Academies in the service of agriculture. V.G.
Acad

AGRICULTURAL WAGES

(see also subdivision under Kirghizistan; Moscow

Khudenev, A. I. [Organization of labor, establishment of work norms, and wages in vegetable growing] Organization, normito-ante i oplata truda v ovoshchevodstve, Moskva, Kolos, 1965—375 p.

Survey of labor legislation Sots, trud 11 no. 12434-137

AGRICU LTURAL WORKERS (see also subdivision 45der Staviopol Territory) Burnashova, D.A. [To agricultural workers and employ-ecs on the settlement of labor disputes] Sel'shokho-zinistvennym rabochim i sluzhashchim o razreshenii trudovykh sporov. 2. izd. [Mos' va] Profizdat, 1965. 61 p. (MH-L)

KIEV PROVINCE—AGRICULTURAL WORKERS— DISEASES AND HYGE

AGRICULTURAL WORKERS—EDUCATION AND TRAIN-RIG seesubdivision under Leningrad Province; Mondovia

AGRICULTURE

isee also subdivision under Caucasus, Northern; Daepropetrovsk Province; Estoala; Kazakastan, Khmel'nitskiy Province, Krasnodar Territory; Latvia; Mongolia; Ossetia, North; Tula Province; Turkmenistan; Tuva A.S.S.R.; Vinnitsa Province)

Agronomic passport Zemledelte 28 no 11:70-73 N '66

The all-Union socialist competition V, Mittokhin, Ekon. sel'khoz 42 no Il 2-8 V '66
Futdamental concepts of the theory and practice of agriculture V D Pannilov Zemlidelte 28 no 10 2-10 O '66

Give the 50th anniversary of the Soviet regime worthy welcone Zemledelle 28 no 11:2-3 N '66

Increase the contribution of the hydrolysis industry to the development of production in agriculture Gidroliz I lesokhum prom 15 no 41-2 '62

Let us carry out the decisions of the partyl Mol. komm. no 3:3-7 Mr '61.

Problems of improving the efficiency of agricultural production. B. Soloviev Plan khoz. 43 no i 20-28 Ja 167

Role of chemistry in agriculture. Khim, prom, [Ukr.]

Note of chemistry in agriculture. Khim, prom. [Ure.] no 3-3-4 Ji-5 62.

Special item exhibitions and displays. Inform, biul. VDNKII no. 8 18-19 Ag 462.

Special item exhibits and displays agriculture. Inform, biul VDNKH no 9 14-20 5 462

Technological and scientific information, seminars, Totalin, bull VDV6H no 8 19-23 Mg 162.

Dade guiens are a tive participants in the nation wile struggle for the further uponing in agriculture. Popt No. 1. Soc prefsours, 22 no. 24.29-33. D. 166

Vavilos, N.I. [Genetics and agriculture] Genetika i sci'skoe khoziaistvo, shormir statei. Moskva, Znanie, 1967. 60 p. (Novoc v zhizni, nauke, tekhnike. V Seriia Sulishee khozialstvo, no.1)

Vologodskii molochnji institut [Reports of the con-ference on the results of research in 1963] Doklady nauchnol konferentsti po itogam nauchno-festedovatel'-skor raboty za 1963 god. [Vologda] Severo-Zapadnoe stor raboty za 1963 goa, procesur, knizhnoë izd-ya, 1964, 219 p. [DNAL MICROFILM]

Zenka, V [Agriculture in the five-year plan] Lauksalm-nicuba piecgade Riga, Liesma, 1966, 59 p. [in Latvian]

Ziomanov, L.P., and I.S.Rybakov, [What industry does for agriculture] Promyshlomost-sel'skomu khozialst-tu. Moskia, Ekonomika, 1966. 86 p. (Aktual'nye problemy akonomiki sel'skogo khozialstva)

AGRICULTURE—ABSTRACTS

[Agriculture; classed index of articles in foreign periodicals] Sel' Phoz.; sist ukaz, st v inostr zhuz no. 10

AGRICULTURE-ACCIDENTS see subdivision under Khmel'nitskiy Province

AGRICULTURE—ACCOUNTING (see also subdivision under Kherson Province)

Problems of a standard method of accounting in agricultural enter-prises. IU, Litvin. Bubbg, uchet no. 11:49-53 N '66.

AGRICULTURE-BIBLIOGRAPHY see Bibliography-Agriculture

AGRICULTURE—COSTS

Hor to distribute overhead costs V Bespalov I kon sel'Phoz 42 no 12 101-105 D '66

Increasing labor productivity and reducing production cost are the basic problems of agricultural development, E Karnaulhova Ekon sellkhoz 42 no 1129-43 N

AGRICULTURE—ECONOMIC ASPECTS (see also subtivision under Kirghtzistan; Mordovia; Samarkand Province, Siberia; Uzbekistan)

Cheliabinskii gosudarsivennyl pedagogicheskii institut. [Some economic problems of the building of communism in the U.S.S.R.] Nekotarye ekonomicheskie voprosy stroitel'stva kommunizma v SSSR. Cheliabinsk, 1905.

Consolidate and multiply the achievements in agricul-ture Lkon sel'khoz 42 no 12-1-6 D 466.

In the methodological bureau of the Labibition of Achievements of the National Fronomy Inform buil VDNKH no 9 II 5 162

no 6 11 5 '62

Makarov, N.P. [Economic principles of the organization of production on collective and state farms] Ekonomicheskie osnovy organizatsii protzvodstva v kolkhozakh i sovikhozakh. Moskva, Kolos, 1966, 535 p. Popov, I.G. [Lihear programming in economic calculations for agriculture] Lineinoe programmirovanie v ekonomicheskikh raschetakh po sel'skomu khozialstvu, uchebnoe posobie. Moskva, In-t nar.khoz., [1961] 102 p.

AGRICU LTURE—FINALCE

(see also subdivision under K. ghizisian, Sfheria, Western)

Determining the most afficient way of investing capital K Eremeev. Ekon scl'shoz 42 no il 60-65 N 166 Principles of business accounting in socialist agricultin al enter prises. M. Michallov, G Chanov Fron sel'shoz 42 no 12,46-56 D '66

AGRICULTURE-HANDBOOKS, MANUALS, ETC. Hoim, harald, comp. [Handbook for agronomists] Agro-noomi teatmik. Tallinn, Valgus, 1966. 246 p. [In Esto-(IANG)

AGRICULTURE—LABOR PRODUCTIVITY

A collection of little use. D. Gorin. Nov. min 30 no. 3: 267-270 Mr 163,

Increasing labor productivity and reducing production cost are the basic problems of agricultural development, E Karnaukhova Elon, sel'khoz 42 no. 11:29-45 N

We have to develop initiative and promote resonability, Agitator 34 no 23 2-5 D 186

AGRICULTURE—MAPS

Present state of and problems in the field of agricultural cartography in the U.S.S.R. M. I. Nikishov Mat Old mat goog i kart, Goog oh-va SSSR no 2 4-15 162.

Some problems in the mapping of suburban agriculture in the U. S. S. R. M. B. Vol! Mat Old mat goog i kart Geog ob-va SSSR no 2:54-91 162

AGRICULTURE—PERIODICALS

Sam sohe agronom 11 M Ingot no 12 66-63 D 166 Zemledelle "A

AGRICULTURE—PRODUCTION STANDARDS (see also subdivision under M scow Proyinge)

Logatha, O.T [Scientific principles of establishing work norms in agriculture] Nauchave comovy norms avanita truda v sel'skom khozlaistve Moskva, I korremika, 1960–230 p.

AGRICULTURE-SAFETY MEASURES see suisityiston under Echmiadzin

AGRICULTURE-STUDY AND TEACHING

(see also subdivition and 'r Belaya Tsorkov'; Ivanovo)

Correspondence institutions of higher education with for new students. Zemicdelti 28 no. 10 to 62 to 566 I work and study. K. V. Rodin. Zemledelle all no la 65-66 O 466

New achievements of agricultural education. V. P. Krasota Vest vys abboty 24 no. 12:7-10 D. Mar.

Practices in the preparation of meliorators A. L. Bul'skii, A. P. Ignatenkov – Zomledelie 28, no. 10 hb 67, O. 566

Provide agriculture with highly-qualified agricultation M.A. Soboleva, Zeinledelie 28 no 10 n 3-64 C. 465 Study without breaking with production. V.1 Shinin Zemledelle 28 no 10,62-64 O 166

Where an approximated may learn by correspondence Zemledelic 28 no 40 bit 70 O 466.

Winter agretechnical study. A Popko Zemicalelle 35 no 12/2-3 D 466

AGRICULTURE—TECHNOLOGICAL INNOVATIONS

Danilova, A.A. [School of progressive practice on a state farm] Sikola peredovogo opyla v sovidnozo. [Maskva] Profizdat, 1966. 29 p. (Bibliotechka sellakogo profsoluznogo aktivista, no.11(59))

AGRICULTURE, COOPERATIVE (see also subdivision under Cubi; Ural Manuala

How the Communist Party struggled against the Malalfa of the Lenthist principle) of the auchilist rentpuntation of agriculture in 1918-1919. V. A. Bryshkin, Trach J PI no. 261, 42-48 '66,

Victory of the Lenin cooperative plan. P. Ignatovskii Ekon sellikoz | 42 no 11 n-21 N 266.

AGRICULTURE, COOPERATIVE-LAWS AND LEGISLA-

Petroy, V.V. [Statute of the agricultural artel anthonorm collective farm laws] Ustav sel'shokhozlafstvennota to H i sovi emennoc zakonodatel'stvo o kolkhozakh. [Kazini] Izd-vo Kazanskogo univ., 1966. 220 p.

AGRICULTURISTS

(see also suixtivision under Gulyaypolo District; Lithuania)

Assistant agronomist. Zemledelic 28 no. 19:59 🖰 🤫 . Collective farm agronomist. D. Meksin, Zemiledelle 28 no 19 57-58 O '66

Example of serving the country, people. Zendedelle 28 no. 12, 1-5 D *66

Grant them inspector's rights. V. Terlaev. Zemledche 20 no 12 62-63 D 466.

Honored agreement at G. Dorozhehenkov, Zemfedelle 28 no 12:59-52 D '68

Zomledelle 26 no 11:76-77 N '66 Make conditions for creative work

More independence. IA. Zelenka. Zemledeite 28 no ll· 74-75 N $^{4}66$

Organizer and technologist. D. Meksin. Zemledelle 28 no 12:46-49 D '06,

Our proposals, A. Voroblev. Zemledelle 28 po 12: 63 D '66

Provide agronomists with transportation, 1, Migus, Zemledeite 28 no 12:61 11 166,

Technologist of production. A Levitakli, Zemledelle 28 no 12,62 D 100. Trlumph in Novo-Ivankovka. A. Maksimov. Zemledelle 28 no. 12.6-7 D 166.

Use land properly, L. Kazakov, Zemledelie 28 no. 12: 60 D '66.

AIDS TO NAVIGATION

incandescent lamps for light signal devices. I., Releva. Rech. transp. 25 no 12 33-35 166.

AIDS TO NAVIGATION-ATLASES

Voronov, V. V., and V. K. Pot Ill'ev. [Atlas of electric navigation equipment] Atlas elektronavigats ionnykh priborov. Moskva, Transport, 1966. 63 p.

AINBINDER, MAX, d. 1966?

Max Ainbinder; oblivary. Aviom, lielem, no. 112

NALYSIS

also subdivision under Daghestan)

wskaia, M.S., S.L. Ginzburg, and O.D. Khatizova, hods of determining harmful substances in the air, schied manual) Mctody oprodelenila vrednykh chesty v vozdukhe ju akticheskog rukovodstvo 2. jspr. i dop. Pod red. O.D. Khalizovol. Moskva, dsun., 1966—594p.

osition of exhaust iii in paraftin oxidation to acids, Paclikova and others. Shim prom Uki. no 6 5 N-D 166

enmiles for determining thermodynamic properties are: vapor contrined in air M.I. Erforci, Izv. ucheb znv., strol i nikhtt. 9 no 9.98-100 (66

vskala, M.S., S. L. Ginzhurg, and O.D. Khallzova. bods of determining harmful substances in the alr, letical manual] Metody opredelenila vrednykh chesty v vozdukle, prakticheskog rukovodstvo !., ispr. i dop Pod red O D Kimlizovoj Moskya, l., ispi. i dop Pod islna, 1966 594 p.

OLLUTION -CONGRESSES

in of the standing European Committee for studying n in the semantic function Committee for studying 2 ingers of Chronic Intoxication for the International in against Cracer J. J. M. Shabad. Vest. AMN 1 15 no. 12 75-77 160

DRUFTCATION

ation of mine an from sulfur dioxide. F. N. Ryzhand others. Gor zhur na 12:58-61 D '66

s of some studies of Air ionization in industrial ises E V. Gottamova, A. E. Solodikhin, 12, vys. zav. ,tekh tekst prom no 5:130-135 '66'

MIZED

haracteristics for studying pneumatic brake drives ne hoisting machinery, N.S.Karpyshev 17v vys. 2av .gor zhut. 6 no. 5/118-160 '63

MPRESIONS-ACRODYNAMICS

s, S.P. (Aerodynamics of centrifugal compressor ines) Aerodinamika tsentrobezhnykh kompressor-mashin. Moskva, Mashinostroenie, 1906. 339 p.

MPRESSORS-SAFETY MEASURES

trice in preventing explosions of compressors and induits P V Volkov Bezop truda viprom 6 19-21 My 162

FENSES, MILITARY

ko, G.D. [Modern systems of all defense; method means of control of combat operations] Sovrece sistems PVO, metody is actaly a un avientla mt defstvitami. Moskva, Voenizdat, 1966. 243 p.

.II, S. P. [Equipment of an air pilot and astronaut] zhenie letchika i kosmonavta. Moskva, Voenizdal,

anov, M.V. [Friends in the sky] Druz'ia v nebe, 70, Sov. Rossita, 1967. 299 p. (Rasskazy byvalykh

CHEATERS

191 p.

ing the operational reliability of an heaters in emperature all heating operation V. A Lokshin-laviento, K. M. Taldykin Frangomachinests conic 8.33-31 Ag '62

8.33-31 Ag '62
cture of air preheaters, M.V. Belov. Unergoincolocomic 7 no. 1:35 Ja '61,
g the heat transfer and crodynamic resistance
emi-industrial model of the air preheater manued from profiled sheet metal. E.I. Volver,
Savitskit, I.A., luk-Zilberman, Energomashinome 7 no. 1:22-25 Ja '61,

NES-DESIGN AND CONSTRUCTION

ie constructed at home in a third floor toom, minkov, Izohr, i rats no. 12:14-16 '86.

NES-LUBRICATION

ie of the resources of law material for the producf aviation oils. R.Sh Kuitev and others. Khim. 1 topl. 1 masel 11 no. 11:22-24 N 166.

ng aviation oil from Peschanyy Island petroleum. Rulier and others Azerb neft knoz 45 no 9; S '66.

NES-MODELS

he airpiane model builder Kryl rod 17

nization is necessary! IU. Khukhra Kryl rod 9:29-30 \$ 166

of young airpiane model builders Knyl rod 17 8 5 '66.

the season M. Semenov Kryl 1 od. 17 no.9;

AIRPORTS

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1 modern ali port L. Gorctskii, A. Borodach - Kryl rod 17 no 9:23-25 S | 66

ARPORTS-DESIGN AND CONSTRUCTION See subdivision under Prague

AKASKOV, SERGEI TIMOFEEVICH, 1791-1859

With love for the people, P. Lazovskii. V mite knig 6 no 1128-29 N 466.

AKHTALA REGION (ARMENIA)-ORE DEPOSITS

Some characteristics of the structure of the Akhtala ore field (northern Armenta) and basic stages in its development. N M. Cherny, nov., 1 and, VGU 63:16-28 '65

AKMOLINSK PROVINCE see Tselinograd Province

AKSHIYRAK VALLEY-EROSION

Suffusion phenomena in the Uch-Koshkan area (inner Tien Shan) L. G. Bondarev, A. P. Gorbunov, Vest Mosk un Ser 5: Geog. 21 no 6,87-91 N-D '66.

AKSUM, ETHIOPIA-HISTORY

Kobishchanov, IU.M. Alsum, Moskva, Nauka, 1966.

AKTYUBINSK-DIPHTHERIA-MICROBIOLOGY

Characteristics of dipidheria cultures isolated in Mayu-binsk. V. M. Bondarenko Lab.delo no.1.19-50 '67.

Some information on the Alani in the "Armenian geog-raphy" of the seventh century. IU. 9, Gaglocy. Izv. Sev. -Oset, nauch. -1991, inst. 25:168-183 [GG.

Copper DL.-r- alanimate, A.V. Ablov and others, Zhur, neong Phine 11 no. 31-2620-2623 N '66,

ALANINE DEHYDROGENASE

Alanino dehydi ogenase in Aspongillus niger A S Dei V. I IAkovlaya, V. L. Kretovich. Mikrobiologiia 35 no 5 767-772 S-O 166 A S Demina.

ALASHEYEV BIGHT, ANTARCTICA-ICEBERGS

Iceberg distribution in Alasheyev Bight E B Lcont'ev Inform biul, Sov antark eksp. no 50 47-19 166

ALATAU, DZUNGARIAN see Dzungarian Akatau

ALATAU, KUZNETSK see Kuznotsk Alatau

ALAVERDI REGION (ARMENIA)-GEOLOGICAL TIME

Age of the pyrite mineralization in the Alaverdi ore region of the Armenian S. S. R. G. P. Hagdasarian, R. Kh. Gukastan, E. M. Nalbandian, Dokl. AN Arm. SSR 35 no. 2 75-79 '62.

ALAVERDI REGION (ARMENIA)-PYRITES

Age of the pyrite mineralization in the Alaverdi ore region of the Armenian S.S.R. G.P. Bagdasarian, R.Ka Gukastan, E. M. Nalbandian, Dokl. AN Arm SSR 35 no 2475-79 '62,

Partial volume of water in ablite melt. I. A. Ostrovskii, G. P. Orlova – Izv. AN SSSR, Set. good. 31 no 12,118-122

ALBITITES see subdivision under Dehezkazgan region (Kaza distan)

ALBOMYCIN

Study of chemical structure of the antiblotic albomycin, Report No. 5. Study of absorption spectra in ultraviolet active and inactive albomycin fractions, G. I. Lavrenova, N. A. Poddulmain Vest Mosk un Ser. 2-Khim. 17 no. 5 87-89 S-O 'G2.

ALCALIGENES FAECALIS

Amino acid composition of cell walls of Alcaligeness facealis and alcaligenic variants of enteric bacteria, M. B. Kahans Pa. O. M. Zaichenko. Makrobiol, zbur, 28 no. 939-43 '86,

ALCOHOL

Combined mashing of the wastes of statch production and corn keinels in the production of alcohol. A. M. Kerner, Spirt, prom. 28 no. 4;32 182.

ALCOHOLISM.

Bernshiein, V.A. [Alcoholism and its sequelae] Alko-golizm i ego posledstvila. Izd.2. Moskva, Meditsina, 1966, 22 p. (Nauchno-populiarnaia meditsinskaia literatura (DNLM)

Characteristics of the interaction of signal systems under the influence of Schizandi a chinensis. V. V.

under the influence of Schizanta a Cannonies. V. V. Lastovetskii, R. S. Romas! Zhur vys nerv defat. 13 no 4:504-609 J1-Ag '63

Some characteristics of a complex conditioned reaction in chronic alcoholism. K.S. Ratter Zhur. vys. nerv. defat. 13 no. 4:593-603 J1-Ag '63

ALCOHOLISM---TREATMENT

no 3+89=11 Nr 463

ALCOHOLISM AND CRIME

Let us referitessly struggle against alcoholism and too dynam. O Dotsenko, H. Karavates. Rad, pravo 29, no 12,82-64, D. 560

ALCOHOLS

Adsorption of alcohols on the surface of mineral sulfur V M Borrson, R A Mahniskir Dokl AN 888R 171 no. 2 404-405 N 466

Effect of amine nitrogen content in medium on formation of higher alcohols during their fermentation by Saccha-rungers carlish reports, race XI, I M, Gracheva, S A. Babrella, I IA Veselov Prikt brokhim, i milrobiol. 2 no 6 661-666 N-O [6]

Kineties and mechanism underlying reactions of fou-cyanates with compounds containing factive hydrogen S.G. Entelis, U. V. Nesterov. Usp khim. 35, no. 12 2178-2203. D. 186

Finetics of acid hidrolytis of some polynitrates of polyhydric alrohols. B S Section, V P Shalaquina Zhu, fiz. Thim. 10 no. 11 2889-2881 N 166.

Rapid method of quantitative determination of secondary alcohols and phenol derivatives. N.A. Zelemetskino I.V. Levina, G. P. Borodina. Trudy VNIISNIDV no. ? 190-187 165

Reaction of palladium chloride with methylphonylethyayl-carbinol A, V Babaeva, T I Berceneva Zhur neorg khim il no il 2671-2672 N 166

Sulphoester (feation of high aliphate secondary alcohols I. I Tokar skalar A, S, Nebrasov, A, N, Bushkirov Neffekkimia 3 no 5,758-763 S-O 163

Synthesis of 2,2-dimethylathane alcohols and aldohydes L.A. Shutilrova and others. Frudy VNIISNDV no 7 16-20 165

Tertiary tribydrie sicobols of accivience and ethylenic series and their chemical transformations — Part 35 Monoethers, their hydrographicm — V. J. Nikutin and others — Zhut org khim. 2 no 11 1969-1973 N 466. Third session of the Coordination Council on the Production of Lurable hyde and Polyhydric Alcohols Gidroliz 1 levokhim prom 15 no 1 30-31 102

ALDAN PLATEAU....ROCKS, IGNEOUS
Petrology of Party Mesozoic igneous rocks of Aldan
Shield D A Kulish Gool i geoffe no 9 3-10 '66

ALDEHYDES

Study of the reaction of aldehydes in carbon tetrachloride solution based on their infrared spectra. V. N. Ushkalova, V. D. Golfisev, B. V. Trones. Zhan fiz. shim. 40. to. 11:2985-2867. v. 466. Synthesis of 2, 2-dimethylal-one alcohols and aldehydes.

L. A. Shutukova and others Trudy VNIBNDV no 7 lb-20 '65.

Undaturated aldehydes and ketones as now materials for polymers. N. I. Ponova. Plast massy no. 12 69-71 166

ALDOLASE

Changes in the activity of some blood setum enzymes under the effect of strong stimuli on the body. M.L. Belen'kii, A. P. Blinger, IA. IA. Shuster Biul eksp biol i med. 55 no 5:67-69 My '63

Hatio of aldolase activity measured by fructors diphosphate and fructose monophosphate in various rat organs and tissues V. A. Poprovskii, I. I. Musin Biokhimida 31 no 6 H97-1203 N-D '66

Use of the aldolase test among the contacts in the foci of epidemic hepatitis (Botkin's discuse), author's abstract Z.f. Begaeva Zher mikrobiol repid i immun 33 no 6,89-90 Je '62

ALDOSTERONE

Antagonists of aldosterone, V.Kh. Vasilenko, V.G. Kukes Trudy 1-go MMt 13:7-16 165

ALEKSANDROV, VLADIMIR IAKOVLEVICH, 1906-Vladimir lakovlevich Aleksandrov; on the 60th birthday.

A.S. Troshin, III. M. Olenov. TSitologiia 8 no 5 682-687 S-O 466.

ALEXANDER NEVSKI, 1209-1263

The life of Alexander Nevski in the casel painting of the beginning of the 17th century IU K Beginnov. Trudy ODRL 22,311-326 66.

ALEXANDER OSHEVENSKIT

Icon portraying the life of Alexander Cahevenskii found in Kem E S. Smii nova. Tiud, ODRL 22,327-33, 166

(see also subdivision under Chardzhou District; Ukraine)

Attachment to the plow for the plowing of alfalfa fields. G. M. Rudakov, K. K. Kliatkin. Nauch, trudy UzNIME no. 5-8-11 *59.

Effect of Stabilizators on the preservation of carolene in alfalfa meal. E.A L'vovich Khim v sel' khoz. 4 no.12:52-54 D '66

d no. 12:32-34 B -00
Some characteristics of the structure of blossom of the
blue clienta (Medicago coorded Less.) R. K. Dzhavadova Doki An Azerb SSR 18 no 4:73-76 |62.

ALFALFA-IRRIGATION

The extent plant of introduce - A Bathushin, A Dubibber Zendi felte - 20 no 12 for 33 D bus

(see also subdivision under Baikal, Lake)

Characteristics in the opticasts more, Chinelly sus-planeous late processificate outsity. S. V. Tages a minutes for V. SSR such bod. no. 3 401-401 My-fector.

Role of drying in the 2011, of the district ration of alone reserves in the 2015 of the U.S. S. R. M. S. Kilserve Ired., Orean form, 14 62-72, 62

Obvious structure of the blue-given also Lou-bys exsp-tionagin as Scalania - Loub Lecchart so of Victor logica - Blue-Su63-363 - SO - 102

inova, A.D. [Guide to the green, brown and red algae in southern seas of the U.S.S.R. | Operatible! zelenykh, burykh i krasnykh vodoroslei iuzhnykh morei SSSR. Moskva, Nauka, 1967. 396 p.

ALGAE-CULTURES AND CULTURE MEDIA

Lincot or antibiotics on the growth of Chlorella enlarges and associated innereffers in joint cultivation. I N Maksimo a, M.N. Pinneno a. Mikrobiologina, il no. 5, 901,009. S.O. 102

Fifect of pli on the auto'r opine and intero'r opine mutation of Chlorelle vulgaria and accredes muse bliques | L A Timeeva | Mikrobiologita 31 no 2 233-240 Mi-Ap 62

Light and darkness exect on acid-soluble phosphorus com-Tound content in green alga Scenedesmus, obliquus Kuts M.V. Pakkamo a. G.T. Datkarbacca, G.N. Zaitseca Biokhimin 31 no 6 1237-1246, N-D '68

Monthology of Chilorella perenoidosa lytic agent 15 Fikhonenko V, B Zabarzina Mikrobiologija 35 no 5 850-852 5-0 156

Observations on Lisis in Chlorella cultures. K. A. Mamba-eva Mikrobiologia 35 no 5.853-859 S-O 466

Paralleation of enzymatic con acts from Chlorella V R Shatilov, Z.G. E. stignes a, V. L. Kictovich Pikl blokhim i mikrobiol 2 no 6667-669 h-D 166 Some data on the composition of concomitant microflora

in the mass cultivation of algae morem reservoire. No Pirrenova, I. V. Mahamova, R. M. Bulitshala. Mikrobiologija. 31 no 2-332-338. It-Ap. 62

Sportaneous synchronization of reproduction process in Chlorella culture V A Kordium, L L Lenova Mikrobiol zhur 28 no. 6 34-38 166

ALGAE, FOSSIL see subdivision under Transcaucasia

ALGEBRA

Bourbaki, Nicolas, pseud [Algebra Translated from French] Algebra, Moskya, Gos. izd-vo fiziko-matem lit-ry, 1962-1965 2v (lifs Flementy matematiki)

ALGEBRA-GRAPHIC METHODS

Solving equations by means of graphs in the seventh and eighth grades of eight-year schools. M.T. Starodubles. Uch zap Ped inst Gerts. 260:207-223 '65

ALGEBRA-STUDY AND TEACHING

Use of the iterative method in a school algebra course I V Baranova Uch zap Ped inst Gerts 260 47-90

ALGEBRAIC CURVES see Curves, Algebraic

ALGERIA-POLITICS AND GOVERNMENT

Reform of local government in Algeria V. Biriuzov, Mezhaunar zhizh 14 no i 150-151 '67

When phytoplankton becomes harmful; chemical control of algae, NS Stroganov, VG Khobotlev Prinoda 55 no 12 41-47 166

ALGORITHMS

1965, 52 p.

Algorithms for computing particle scattering. L.G. låkovlet, 1 A.Girim. Izv. AN SSSR. Sei, fiz. 30 no. 12 1986-1994 D 185.

Applying method of point transformations in studying nonlinear pulse system d, names AS Alekseev Izv vys ucheb zev , radiofiz 9 no 6:1217-1221 '66, Landa, L.N., [Algorithms and programmed instruction, some problems of theory and methodology in programming. Materials for the 4th AH-Russian Conference on Programmed Instruction and Hes of Technical Tenglish. ming. Materials for the 4th Att-Russian Conference on Programmed Instruction and Use of Technical Teaching Aids] Algoritmy i programmirovannoe obuchenie, neko-torye voprosy teorii i metodiki programmirovaniia, Material k IV-i Vserossilskoi konferentsii po program-mirovannomu obucheniiu i primeneniiu tekinicheskikh scadalu. Mackva Bergu Padaga, chay Teant Suyat sredstv. Moskva, RSFSR Pedagog, ob-vo.TScntr.Sovet.

[MICROFILM]

Principle of derivation of optimal computational algorithms
PS Bondarenko Vych mat [Kiev] no 2:66-77 '56

Some algorithms of optimum control A I Berezovskii
Vych mat [Kiev] no 2:161-165 '56

Some properties of cuast-members and of operators from quast-numbers into quastnumbers B.A kushner Dokt. AN SSSR 171 no. 2:275-277 N 106

Use of dynamic programming in solving the distribution problem V A Emelichev, V.I. komlik Dokl. AN BSSR 10 no 19:721-724 O 66

ALIMENTARY CANAL-DISEASES

Role of unopersin in the Negara diagnosis of gastric and duodenal diseases in Direct too state. I Si Klebanov I and, Novokus GIDUV-3 32-98-91 165

ALIMENTARY CANAL-INFLAMMATION

kesults of phage proph. In is in gostioenter or olitis of Procuse citology in the sus monkers. It's Voicinin. VIGa. if lev. It! I livelists. Tridy Mosk much -usel first trus prep. no 3 293-298. [65]

ALIMENTARY CAUAL—RADIOGRAPHY

Rountgenological data on the state of the disestive tract following total gastreetomy for cancer, A.G. Nad-pharov, I. A. Ramazanova, Vop., onl., 9, no. 3-71-13

ALIMENTARY CANAL-SURGERY

Limits for radicalism in the surgical treatment of perforations and ulcerous hemorrhage - A. F. Lidskii Trudy Inst. im. V. V. Sklii. 7, 53-57, 463

Role of the surgeon in dispensary treatment of patients with alcers of the storage h and duodenum love Sovemed 29 no 12 53-57 D '66,

Surgeon's tactics in profuse homorrage of an ulcerous nature I & Pipia, A L Kurtsikidee - Frudy Inst fm N V Salif - 745-74 193

Surgeon's tacties in ulcerous hemorphages B.A. Petrov, 11 Kuchcii nho Tiudy Inst. ini, N. V. Sklif 126-33

ALKALI HALIDE CRYSTALS-GROWTH

Growth in air of alkali halide single crystals with suppresent absorption in ultraviolet region, and their physical properties J. Pekstein and others Rost 'trist 6:143-150 '65

ALKALI HALIDES

Anomalous secondary electron emission from alkali halfile dielectrics in ultrasame fields. Part 2, V.konv. 12v. AN SSSR, Ser tiz 40 no. 12(1906-1911 D 466.

ALKALI LANDS see Saline and alkali soils

ALKALI METAL ALUMINATES, EFFECT OF TEM-PERATURE ON

Physicochemical chalacteristics of thermal reduction of alkali aluminates V.S Malitsev and others Instruct, I olog AN Kazakh SSR 16,111-151 166

ALKALI METAL ARSENATES

Determination of impurities in high-purity subidium and cesium assumtes, A.F. Fediashina, I G. Wdelevich T G. Strokina Zhur anal kliim 21 no, 10 1232-1235

ALKALI METAL BORATES

Diamagnetic anisatropy and polymeric structure of alkali-totate glasses L V, Schienov, V, V Tarasov Trud, MkHTI no 41 104-106 (63

ALKALI METAL CHROMATES

Use of vacuum crystallizer with forced curculation of solution for crystallization of potassium and audium dichromates, I N Matuscvich and others Khim, prom. 42 no 12-927-931 D '66

ALKALI METAL PLHORIDES

Compley formation in binary systems consisting of alkali metal fluorides and metaphosphate 1. G. A Bul "alova. L.V. Martin soca Lev AN SSSR Neong mat 2 no H 2015-2019 N 166

ALKALI METAL NITRATES

Fifert of explosion on matter Topography of impact compression of all-all metal nitrates 5 S. Batsanov and others Fiz go: i vzryva no 3:110-118 '68

ALKALI METAL PEROXYDISULFATES

Determination of the rate constant of decomposition of potassium and amminium persulfates in aqueous solutions E F. Nosov Zhur Bz, khim, 10 no. 11: 2921 N 166.

ALKALI METAL PHOSPHATES

Complex for mation in binary systems consisting of alkali metal fluorides and metaphosphates G A. Bukhalova. I V. Mai di osova Izv AN SSSR, Neoi g. mat 2 no 11-2015-2019 N '68

ALKALI METAL SELENATES
Heat of formation of potassium scienate and some properties of alkali metal scienates and sulfates. T. A Sazykina, N M Selivanova, Trudy MKHT1 no 11:14-17

ALKALI METAL SULFATES

Heat of formation of potassium scienate and some properties of alkali metal schraits and sulfates. T A Sazykina, N M. Selivanova. Trudy MKHTI no. 41 14-17 103.

ALKALI METAIS

Separation of alkell metals on ion exchangers with close-panked structure V. S. Soldatov. A. I. Fokrovskain, R. V. Martsinkevich Dokt AN BSSR 10 no. 9:665-667

Use of phenomena related to the kinetic or lond a to rest alkalt metals in the thann photometric method of rest is us. S. B. Meshkove, N. S. Polmel Cov., M. W. M. 1988. C. Zhure, and Johns. 21 no. B 1943-1949. The

ALKALIES

Albaine activity of stag portland centern (HU(A, Z)) (1.37) V(V, Kind, (O, V, K

Lighth destruction in alkali medium. G. V. Opostanos 3 M.I. Arthipot, V. K. Shineley - Gridson (1.1) alkali ju prom. 15 no 445-48 %

ALKALINE CARTH TUNGSTATES

Phate dright and of systems Nd₁ (WO₁)₃ = a WO₁ and Kand(WO₁)₂ = 8 (WO₁ - 1.4A, Robert V, N, Karpos, and Theory T v AN SSSR Neorg and 2 no H 2 and 3 and 5 and 5

ALKALOUS

Chromatopolar ographic determination of all alofts for Haploph Hima perforation seeds: P. K. Dolmon (1990), A. L. Markman - Khim period soed, (no. 5, 343–344), P.

ALKENES see Olefins

ALKYL GROUPS

Rantan spectra of carbohydrates of various elaune Report No. 6: Spectra of polyally henzenes, 4.3. Treihchova, V.R. Svarchenko, R.IA, Fevint. V. Mosk un Ser. 2. John., 17. no. 5:66-70. S-(). 'n'

ALKYLATION

Alkylation of a permenol concentrate uning perody (i,j) = 0 to obtain an authoridant joined additive $A_i(N_i)$ field (i,j)to oht in an autioxidant jonel additive A. A. Rest in B. V. Kichman. Neit i gaz prom. no. 1 56-560 . it-5 63

Alkylation of methylantline with ammonium salts, A. T. Babaran and others. Dokl AN Arm. SSR. 15, no. 2 to 12 70 462.

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Some feature i of phenot alkalation by toli amethateths is to Relation between 4B ucture and odor in the recting of substituted hole velevelohevanous [1, A, Nie litter ID, Gura [A, S] Pello (c) his Trudy VNII/NDV (no. 1/17)

ALL-UNION COMMUNIST PARTY (BOISHLVIK) HOO Communist Party of the Soviet Union

ALLELOPATIIY

hillibiting malistances in afferhativest residues of field crop, and in weed. Report No. 2; l'iffert of volunt-exerctions on seed granulation and photo synthesis ex-plants. A, M. Hookins I vi and others. Iller, but hur 20 no. 1 66-72 [63]

ALLERGY

Acute medicinal agranulocytosis with the prescripe of all eight authorizes the automathmilles developing after terracy line therapy. V D Dygin, R. I. Kajinžiania. Probl. gemat. i perelaktovi. Il no. 232-33 [* 0.1]

Allergy to police of Ambrosia a tempine folia | 1 1, Akopov, A. I. Ostroumov Suv med | 20 mm 12 06 10 D | 36 cm

Character and mechanism of qualitative erythrocyte change in allergy, O.M.Preger, O.S.Golosov Briol.i eksp. terap, no. 1:10-35 %1.

Through engine again along and allergende extvoluperiodes brolated trom at all philated Algebra a train tuber culotta. V. I. Digitar enko. A. F. Boranov. Zhan mikrobioli, epid frimum. 13 no 1029 31 \ V. ba.

Infectious allergy. Report No. 3 I ffect of descriptibility aubstances on the course and outcome of infectious allergy caused by diphther is to line L. I. Pricello. 4 Zhar mikrobiol , epid f mrmm 13 no. 11217-20 11 1655.

influence of various factors on the course of experimental allergic encephatomyelitis D.A.Mukov, A.I. I compyich, G.A. Uvarova, Dold AN BSSR 6 no. 6-306 int

Poisonous woods A. A. IAtaenko-Khmolevskii, N. A. Baldalina Rast res 2 no 4 962 576 '66

Baldalina Rast tos 2 no 4-962-976 '66

Role of modified tenetivity in the pathogenesia of cutly a diseases in children. IU. F. Dombrovskiib. Vest ANN SSR 17 no 10/26-32 '62

Rote of the centifying of the organism in the developming and of masteristics of the course of the only intoxicst-tions in children R. A. Koljuzhnafa Vest AVY to sil 17 no 10-50-67 [62]

Study of outligenic substances, parts of the composition of streptococcus allergen. N. A. Borodiuk, V. N. Suffarez, J. M. K. Pittep Zhur, mikrobiol., apid-1 immun 11 no. 11:20-21 N '66.

Therepy of eller girls skin diseases by intramuscular injections of pipolphen Λ Λ , Nemets Say med 35 no.3;117-118 Mi 463

ALLIANCE FOR PROGRESS

Nonexistent progress; promises and deeds of the United States in Latin America G. Zafesov, P. Sheintin Agitator 34 no 23 56-57 D 466

ALLOCCIMENE

Syntheses of terpenoids from allocamene. ynnesse of terpenoids from alloceimene. V. N.K. 1884.3 V.G. Cherkaev. Trudy VKISNDV no 7:11-15 '63.

A LLOX AN

Hexorinase activity in collular fractions of the liver in lealthy and allo anoth better tibbits. M.P. Comina Biokhimili 28 no 2 232-237 Mi -Ap (63

ALLOXAZINE-SPECTRA

Study of the structure of Alloya and Neo ides by means of Tectron and human seemt spectroscopy. V. N. Berezowskii, Zh. I. Alse Prod. | Dolf. AN SSSR 171 no. 5 | 110-1104 | D. 300

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ALLOYS-ELECTRIC PROPERTIES

Thermoelectric properties of the system CdSb - Bi and CdSb - Sn = D P Bu lotskyr, M S Dundich, M.P. Kotslumaklin - Dop AN URSR no. 7,889-892 163

ALLOYS-TRACTURE

Akademiia nauk URSR. Institut problem lit'ia. [Tracto-graphy, hardenability, and proporties of alloys] Frakto-graffia, prokaliyaemost' I svoistva splavov. [By] M.P. Braun I dr. Kiev, Naukova dumka, 1966. 310 p.

ALLOYS-METALLOGRAPHY

Studying phase and structural transformations in metals and alloys with help of excelection emission G.N. Rostovtsev, V.D. Makarov, Trudy MATI no 66:174-182 66

ALLUVIUM see subdivision under Ishim Valley, Lena Valley; Olenek Valley

ALLYL ALCOHOL

Radiation polymer tration of aily1 alcohol and certain office allyt derivatives—S \ Dofinatov, L 5 Polak Nettekhimita 3 no 5*683*689—S*O '63

ALMA-ATA-CATALYSIS

Studies of the knickes and catalysis in Alma-Ata D. V. Sokol'skii. Trudy Inst Phim pauk AN Kazakh, SSR 14 1-8 160

ALMA-ATA-COMMUNIST PARTY OF THE SOVIET UNION-PARTY WORK

At the party organization of a district elecutive committee, A. Koandykov, Part, chizul no. 1: 16-10 In 167.

ALMA-ATA-IONOSPHERE-OBSERVATIONS

Quiet solar day magnetic variations in Alma- \ta in 1964, then variability from day to day, and relation to state of monosphere, N.M. Rudneva. Geomag. Laer., 6 no. 6 1124-1126 N - D 166

ALMA-ATA-MOTOR VEHICLES-MAINTENANCE AND

Diagnostic center at an automotive transportation unit. N Kataley, Avt. transp. 44 no. 12 27-20 D 466

ALMA-ATA—RESTAURANTS, LUNCHROOMS, ETC — DESIGN AND CONSTRUCTION

New restaurant in Alma-Ata, Arkhit, 585R no. 11:18-49

ALMA-ATA PROVINCE-CORN (MAIZE)

From the editor's mail Agitator no 2 55-58 Ja '62

ALMA-ATA PROVINCE-WHEAT

Make way for durum wheat I Piddubko, V Borovoi Zemledelle 28 no link N '66

Study of the fungicidal properties of almond essence strengthening the antifungal action of undecylente acid, Vest, detra I ven, no 12;51-57 '62.

ALPHA RAYS-SCATTERING

Use of optical model in analyzing clastic scattering of α -particles at energy of 27 2 MeV, on Al²⁷ and C¹² nuclei. O. F. Nemets, A. T. Rudchik IAd ftz. 1 no. 5-970-974 N '66

ALPHA RAYS-SPECTRA

Use of matrices in calculating α -radiation spectra of thick sources V.P.Grigorov. Atom, energ. 21 no. 6 517-518 D $^{1}66$

Structure of "ervin," V. M. Malikov, P. Kh. Iuldashov, S. 10 Iunusov, Khim. prirod. soed. no 5:338-310 '66.

ALTAI MOUNTAIN REGION-GEOMORPHOLOGY

Geomorphology of the costern foothills of the Altai. O. M. Adamenko. Izv Alt old. Geog ob-va SSSR no. 3, 24-31

ALTAI MOUNTAINS-EARTH TEMPERATURE

Some data on the geothermal regime in the Rudnyy Altai. IU. A. Kalasimikov. Izv AN Kazakh. SSR. Sci. geof nauk no. 8:97-100 '63

ALTAI MOUNTAINS-GEOLOGY-MAPS

Possibility of mapping Paleozoic sediments in the Rudnyy Altal by the seismic method I. P Mikhelev Geol geofiz no 9:83-92 '63

ALTAI MOUNTAINS-GEOLOGY, STRUCTURAL

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Lectome interestationships of Rudnyy and Gornsy Altaf-based on geological and geophysical date. D. G. Azhgu et Blul MOIP, Old geol. 11 no 1,11-15. JI-Ag. 166

ALTAI MOUNTAINS—KARST

Geographical distribution and climactoristics of the manifestation of larst processes in the Gornvy Altai. A S. Krinkov frv Altaid Geography 5558 no 3:41-17 '63

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ALTAI MOUNTAINS-MET'ACINNABAR

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ALTAI MOUNTAINS-ORE DEPOSITS

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Genesis of sulfide ones of the Zmeinogorsk region in Rudny Altal I.V Derbikov Geol rud mesturozh, 8 m. 6:106-112 N-D 166

ALTAI MOUNTAINS-RADIO IN AGRICULTURE

At en't we deceiving ourselves? A. Urusova. Sov. radio I tel. 8 no. 3:36-37 '59.

ALTAI MOUNTAINS-ROCKS, IGNEOUS

Doznotnogo sky gabbroid intrusive complex in the north-western part of the Gornyy Altai R M Slobodskoi Geol i geofiz no 11-140-143 '63

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ALTAI TERRITORY—ANTROUTIES

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ALTAI TERRITORY-DESCRIPTION AND TRAVEL Matskevich, O.V. [A path across the century] Doroga cherez stoletic. Alma-Ata, "Kazakhstan," 1966. 216 p.

ALTAI TERRITORY—DISABILITY EVALUATION From the collegium of the ministry. Sots obesp 41 no, 12 14-16 D 166,

ALTAI TERRITORY -- GROGRAPHICAL SOCIETIES

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ALTAI TERRITORY—LABOR SUPPLY

Labon resources of the Altai in the initial period of the formation of the Soviet laboring class R. A. Mal'kov. Izv. Alt old Geog. ob-va SSSR no. 3:3-14 '63

ALTAI TERRITORY-PASTURES AND MEADOWS

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ALTAI TERRITORY—RADIOBROADCASTING

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ALTAI TERRITORY—REVOLUTION, 1917-1921

[First trials] Pervye ispytaniia, [Był P.A. Borodkin i dr. Barnaul, Altaiskoe knizhnoe izd-vo, 1966, 180 p.

ALTAI TERRITORY-RURAL CONSTRUCTION

Put new rural construction on reclaimed land, N. Pervushkin, Arkhit, SSSR no. 11:46-47 '88,

ALTAI TERRITORY-VINCE TOXICUM

Vincetoxicum sibit leum as a good sand-binding plant V. M. Ostroumov Lev. Alt old Geog ob-ve SSSR no.3:

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Replacement of copper with aluminum in electric equipment repair operations. S.14 Bolotin. Prom. energ. 16 no.1,25-26 Ja '61,

ALUMINUM-ACOUSTIC PROPERTIES

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ALUMINUM, STRUCTURAL

[Aluminum in building, experience in design, manufacture, and construction] Aliuminity stroitel'sive, opyt procetth ovantia, izgotovlenita, stroitel'siva, [n.p.] 1965. 215 р. [MICROFILM]

ALUMINUM ALLOYS

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ALUMINUM ALLOYS-WELDING

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Thermal cycle in weld-affected zones during electric slag welding of aluminum alloys. A.IA. Ishchenko. Avtom. svar. 10 no.12;26-30 N [i.e.D] '66.

ALUMINUM CHLORIDE

Measuring device for feeding aluminum chlorides. D. IA. Muchinskii, V. B. Serebruannyi, I.v. AN Turk 59R, Ser. fiz. -tekh., khim I geol, nauk 20.2:103-105 '61.

ALUMINUM-COPPER-LITHIUM ALLOYS-METAL-LOGRAPHY

Changes in hardness of alloys in the system Al - Cu -Cd - Mn - L1 depending on composition and conditions of aging. O.S. Bochvar, V.G. Badaev. Trudy MATI no. 66:128-135 '66.

ALUMINUM-COPPER-MANGANESE ALLOYS-METAL-LOGRAPHY

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ALUMINUM-MAGNESIUM ALLOYS-E LECTROMETAL LURGY

Marienbukh, L. M., and L. O. Sokolovskii. Progressive methods of smelling aluminum-magnesium alloys, manual for smelters! Progressivnye metody plavki alluminies omagnievyh spilavov, posobite dila rabochikhplavil'shchikov. Moskva, Metallurgiia, 1966. 163 p.

Adsorption method of obtaining o-hydrogen on aluminum ovide for chromatography B. N. 7 imogon aluminum ovide for chromatography. B. N. 7in Had, IU. P. Blagot, G. G. Zhunt, Zhun fiz thum, no. 11 2871-2875. N. 466

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ALUMINUM SILICATES see subdivision under Kazakhstan

ALUMINUM-ZINC-LITHIUM ALLOYS-HARDENING Studying alloys in the system Al - Zn - Li, V.I. Elagin, C.V. Erhins, Trudy MATI no. 68:136-146 '66,

ALUMINUM-ZINC-MAGNESIUM ALLOYS-METAL-

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AMERICA-HISTORIOGRAPHY

Moskovskii gosudarstvennyl universitet. Kaledra novol i novelshei istorili. [Historiography of the modern history of the countries of Europe and America] Istoriografia novogo vremeni stran Evropy i Ameriki. [Moskva] Izd-vo Mosk, univ., 1967. 639 p.

AMERICAN INVENTORS see Inventors, American

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Altylation of menesulfonyl-alty (myl) anddes by oxalle address to v. V. I. Dublin, S. I. Burmistrov. Uti. Abim, thu. 32 no 12 1323-1325 '66'

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Heats of combustion and formation of the series of homoiogs of aliphatic tertiary amines. N.D. Lebedeva Zhun. fiz. khlm 10 no. 11:2725-2728 N *66

Interaction of nichium hydroxide with amine water solutions. N.V. Petrova, G.N. Murali, N.P. Makarova Min. ayr le no. 13:35-41 466.

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Preparation of diamines and polyamines by catalytic reduction of cynnogen groups. N. I. Shehegiov and others. Trudy Inst khim nauk AN Kazakh SSR 14 167-191 766.

Quantitative determination of amine hydrochlorides in the amine-phospene reaction mixture V.V. Petrunin, IU A Strepikheev Trudy MKHTI no 42,163-167 163

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Use of organic amines for silicon determination in some organositicon compounds V.V.Krasnoshchekov. L.V. Myshliaeva Trudy MKHTI no. 42:178-181 '63.

AMINES-PHYSIOLOGICAL EFFECT

Effect of amino niti ogen content in medium on formation of higher alcohols during their fermentation by Saccha-romyces carlsbergensis, race XI, I, M, Gracheva, S, A, Babaeva, I, IA Veselov, Prikl, blokhim, i mikrobiol. 2 no. 6 661-666 N-D '66.

AMINO ACID METABOLISM

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Amino acid composition of leucocytes in cattle leukemia
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Amino acid composition of moose meat. P. V. Zhitenko. Blot, i prom. losia no 1280-290 h5

Change in free amino acid content in malting, G. I Festman, A.N Lazareva. Prikl biothim i mikrobiol. 2 no 6 682-686 N-D 166,

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m process movement area V in Ground Maintage B no 51336-42° 63 Dissociation of Bacillus brevit var. GB in presence of amino acids G. G. Zhatikova Vrot Mosk, un Sez. 6 Biol., pochv 21 no 1,80-88 di-Ag '66

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Free amino acids and the quality of the sperm of herd bulls. A.P. Kuroedov. Trudy Un, druch, nar. 14 Sel-khoz, nauki. no. 1246-256-166.

Free amino acids in soil. T. M. Ivashkovich, V.F. haprevich, T. A. Shchot balova. Dokl. AN BSSR 6 no. 0.523-526 Ag '62,

High-voltage electrophotetic separation of amino scids and peptides. O. I. Polianovskii, Vop. med. kirim 12 no 6:501-586 N-D '66.

Problem of the biochemical code. M. D. I rank-Kamenet-skil Biothimila 28 uo 2:361-365 Mi -Ap '63. Quantitative variations of amino acids in gaspes of dif-ferent lipening time, S. A. Marutian Dokl. AN SSSR 17 no. 5:1217-1220 D '66.

Studies on the electron paramagnetic resonance of aromat it amino acids and por physins in the triplet state Z P Gribova and others Riofizika a no 5:350-5 '63

AMINO ACIDS—SPECTRA

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AMINOPHYLLINE

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AMINOP LASTICS

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- Necelerated determination of aminoma traces by means of reothermal diffusion method L. P. Bichin, L. I. Gridneva, E. A. Rapaya Labidelo no 1,20-23 h.7
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- Amines and ammonium compounds. Part P Alkaline Clearary of 1,4-dupate many aminonium salt, continuing 2-thloro-3-methyl-2-bitonyl common group - G-B Bagdiasarium, M. Grightidan, A. T. Babaran - Zhur org, Fhim, -2 no 11 1987-1991 - N - 066
- Amines and ammonium compounds. Part 39 Thermal and alkaline cleavage of quaternary ammonium salts containing substituted (thy) groups A. T. Bab man, G. T. Marthrostan, D. V. Grigorian – Zhar org khim 2 no 11 1974-1983 N. 166
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- Effect of long-chain quaternary ammonum aalts on the porosity of bontonite clays. If M. Kalbonov, N. V. Hudovych, IE H. Kukovsikyi. Dop, AN URSR. no. II 1179-1462. 162.
- Therapeutic activity of quatelet on in pepticules: AR I ushis, CS Ryss Sov med 26 no 3:35:38 Mr %3

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Stally of the mechanism of chemoreceptors. Report No 5, Fifect of tetracthylammonum on receptivity of small irtestini receptors to different chemical stimuli N. A. Anikina Bull eksp biol 1 med 55 no 6,29-31 Je '63

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Interaction of the thiomea complex of tellurium with Refracte Salt I, L. Bagbanly, I, K. Guscinov Dokl AN Azerb SSR 18 no 1 27-29 %

AMMONIUM SAL/IS

Interaction of carbamide and ammonium salts. A G Treshelto/, Ti 47-64 166, Trudy Un drazh.nar. 14. Selikhoz. nauki no l.

AMMONIUM SULFATE

- Detection of nonnectifitating antibodies with the salting-out method A.I. Nikolaev. M Sh Millman. Lab. delo no.1.9-11 '67.
- Injecting vapous from ammonta column into gas pipes up to primary condensers. N.A. Gurevich, T. I Demma. D. Neddivo. Koka i khim. no. 12 34-36 '66.
- Regeneration of the mother liquor in order to produce clear ammonium sulfate. M.IA Finket! Koks i shim no. 6 31-36 '62

AMMONORDEA

Asymmetry of septate line in Upper Jures ile ainmonites, T.A. Lominadze Dokl, AN SSSR 171 no. 5, 1191-1192 D *66.

AMNIOTIC FLUID

Antigente properties a transplantable of cynomolgus monkey heart cell culture and amniotic fluid of cattle. P.N. Koniakov, T.P Konstantinova, T.A Posevain. Vop. viius. 8 no, 1:198-561 JI-Ag 163,

AMOBARBITAL

Residence of cold-adapted animals to amytal and some aspects of the mechanism of its natrotic action S. P. Masloy, I. N. Ivashkina Biul chap biol 1 med 55 no 6:72-75 Je '63

AMOBARBITAL-PHYSIOLOGICAL EFFECT

Rate of secretion of corobrospinal fluid by vascular ploxuses of the brain. Fiziol, thur, 48 no, 10-1246-1252 O '62.

AMORTIZATION

Computing amoutization for capital repair, L. Khorun-zhii Vop, ekun, no 12:66-77 D '66.

AMPEROMETRIC ANALYSIS see Conductometric analysis

AMPHIBOLES

(see also subdivision under Tatar A.S.S.R.)

Relict features of offusive and intrusive rocks in the orthographibolates and amphibole gnetses of the Kola series (northwestern part of the Kola Peninsula). P. K. Skuffin. Trudy VGU 63 60-69 65

AMPHIBOLITE see subdivision under Tatar A S, S, R

AMPLIFIERS (CLECTRONICS)

- Bystritskii, N.P. [Magneti on amplifiers (amplitions)]
 Magnetiomyc usiliteli (amplitiony), Moskva, Sov.
 radio, 1966, 75 p. (Flementy radioelekti onnol apparatury, no. 4)
- lifect of transient processes on the accuracy of a single-channel differential detector. IU, A Skripnik. Autometrifa no 1966-15 466.
 Lettomagnetic magnetostatic microsca e amplifier.
 A P Safantesskit, S V Rykov, V V Maslemiko i Redioteki i elektron. Il no 11 2077 2079 h 466.
- Input impedance of a quantum amplifice easity. V I Kushnin, K N Shehelkunov. Lev vys ucheli (av) rediotekh. 9 no 5 678-680 S-O (66
- Some problems in the dynamics of photoe pensating amphiners S.C. Rabinovi Izm tekli n 6-39-4 amphiticis S G Rahmon 16,2
- as 92 Study of an RC amplifier using a transistor model of nonlinear capacitance. TU-P Redience, M-P Taraser Ize vis ucheboray , radiotekh 9 no 5-652-655 S-O (66
- Two-level solid-state mantum oscillator and 8 min band amplitude with induced become of inversion frequency IA L Shamfaro Radioleth celektron 11 no II 2014-2052 N 160
- Use of the structure of nonuniformly widehed line of clettring puramagnetic resonance for increasing the active time duration of two level solid-stage puramag-netic amplifiers. IA. Shamkirov. Radiotekh i elektron. Il. no. 11 2053-2056. N. 466.

AMPLIFIERS, ELECTRON-TUBE

- Phase characteristics of some intermediate frequency amplifics with logar ithmic amplified Characterists V. M Volkov, G. K. Konevetskii, M. F. Levin – Izv v ucheb zav , radiotekh – 9 no 6 772-776 N-D 466 izv vye
- Prospects for incrementing the gain factor of resonant narrow-band case ode amplifiers. A N Morganov Izv.vys ucheb zav , radfotekh. 9 no 6 779-783 N-1016.

AMPUTATION—COMPLICATIONS AND SEQUE LAE

Use of ultrasound in the treatment of phantom pains fol-towing amputation of extremiting A.I. Krawchenko. Traymatologila no 1:90-94 '65

AMPUTATIONS OF ARM

Improved fixator core for combined practices; of apper extremities, O.A. Bukhtimov and others. Travma-tologita no. 1795-99. "65

AMUR PROVINCE—HEPATITIS, INFECTIOUS

Some province the PATTIES, INFECTIOUS
Some problems in the epidemiology of Bolkin's disease in
Annu Province and measures for its control, author's
abstract LM ProvinceAnts, G.V. Skolubovich K.P.
Presidatova Zhur mirrobiot, epid i tumum 13
no 6:80-91 Je 462

AMUR PROVINCE-SOYBEAN

We are proud to be a "field crew of the 22d Congress of the CPSU," V Rudakov, Mol.komm, no 11,19-20 N 161.

AMUR VALLEY—FOREST ECOLOGY

Characteristics of the distribution of forest vegetation in the left-hank orea of the upper Amur River G. G. Lazurova Vest Mosk un Ser 5: Grog. 21 no 6:11-113 [1-1) 46

AMUR VALLEY-MOOSE

Mucrials on distribution and ecology of moose in Anun-Ussuni territory, N.V. Rakov. Blot i prom tosta no. 2-28-85 to5.

AMUR VALLEY-WATER, UNDERGROUND-ANALYSIS

Trace elements in the underground waters of the upper Amur Valley, A. I. Priakhin, M. M. Chekhovskich, I. A. Shehebuniaeva Izv. vys ucheb zav., geol i razv. 6 no 1:00-98 ja 163.

AMUSEMENTS

Winter rames and amusements. T. Osobina Doshk, vosp. 39 no 12 39-41 D 166

AMY LASE

Amylolytic activity of the blood and urine in some ex-perimental disorders of the renal and pancreastic function. IU.N.Koleanikov. Pat.fiziol.i ekap.terap no.3:73-74

AMYLOG LUC OSIDASES

Glucamylases in Aspergilli A Voltkova-Lepshikova, A Kotskova-Kratokhvilova Mikrobiologiia 35 no.5. 773-779 S-O '68.

EISO CIOLL AWY

- Primary localized skin amyloidosis Vest derm iven. 37 no 3:59-60 Mr '63.
- Transcutaneous puncture biopsy of the kidney in the diagnosis of amyloidesis. D. G. Ravich Eksper. khir i anest 0 no.6:32-34 N-D '63.

AMYLOSE ISOMERASE

Participation of RNA in the formation of enzyme subsistate complex as affected by amylose isomerase. A Petrova. R. D. Filippova. A. A. Kobzeva. Biokhimita 31 no 6;1079-1083. N-D. '66.

ANALEPTICS

Characteristics of the interaction of signal systems under the influence of Schizandia chinemis V.V. Listovetel ii. R.S. Romas* Zhan vys nerv defat 13 no 4:604-600 Jl-Ag [63

Tunctional state of the liver in combined analyses anosthesia arcording to M. Y. Jopeliftashev's method A.R. Miev. F.M. Akhundov, T.A. Burtiko a... Vicib med Jim., no 7-23-28, Jl. 462.

ANALGESIA-HANDBOOKS, MANUALS, ETC.

Nomerovskii, L.I., R.J. Gorokhovskaia, and K. M. Feder-messer. [Analgosia and automalgesia using the NAPP apparatus, handbook for use in practice.] Analycziia i automalycziia apparatom NAPP, prakticheskoe ruko-odstvo Moskva, Meditsina, 1966. 86 p. (Bibliotech-ka prakticheskogo vracha) (DNLM) (DNLM)

ANALGESICS

Pffect of analgester on the pain sensitivity of irradiated animals. G. & Boltshakova Vop. radiobiol 1, 327-

ANALOG-TO-DIGITAL CONVERTIRS

Analog-to-digital converter prescribing information during feeding interruptions. Al M.Cha ev. N I Korshunova, I'S Nikulm Sudo-troeve 58 no. 11 36 '66

ANALYSIS (PHILOSOPHY)

Many on the theoretical and logical in analytical methods, K | Shilin, Vest Mosk, un, Set 8: 11los 21 no it 61-72 My-le 'Gu

ANALYTIC FUNCTIONS acc Functions, Analytic

ANALYTIC GEOMETRY see Geometry, Analytic

ANALYTICAL CHEMISTRY see Chemistry, Analytical

ANAPA REGION (KRASNODAR TERRITORY) -- CLAY

Find of Kuyalnik sea terrace and Upper Pliocene red-brown clays on the Black Sea shore of the Careabus south of Anapa A B Ostrovikli Dokl, AN 855R 171 no 5 1160-1163 D '66,

ANAPA REGION (KRASNODAR TERRITORY)-TERRACES (GEOLOGY)

1 lad of Kuvaluik sea terrace and Upper Pilocene red-brown clays on the Black Sta short of the Cautorius south of Anapa A B Ostrovsku, Doki, AN SSSR 171 no. 5 H60-H53 D 466,

ANAPHYLAXIS

- Case of anaphylactic shock following a repetition of Casoni's reaction N.O Anantina Med, paraz (paraz bol 31 no 5:609-:10 %-O '62
- I ffect of advences ticon opic has more on the development of the Arthus phenomenon and on the morphological composition of the exudate in inflammation – II, M Mikhailova Bial eksp biol i med 55 no 5;51-53 My
- Fifort of sensitivation on properceptive reflexes of the skeletal muscle. G.A. Dizina. Pat. fizial. i el sp. terap. no. 3;35-10 64.
- Diech oencephalographic changes during amphylactic shock in rabbits Kh. M. Markov Zhar vys nerv detal 13 no.44748-757 Jl-Ag ¹63
- "ftybrid" antigen in monkeys Theropithecus gelada and Papic harnadryss). B.V. Kontukhov, N.P. Bochkov, M.V. Sazhina Biul eksp biol 1 med 59 no 3:111-111 My [63]
- Study of anaphylactic properties of products of totally dissolved collagen. A. B. Shekhter and where. I rudy 1-go. WMI 49:271-271 '66.

ANATOMY, COMPARATIVE

Skin exteroceptors in men and other mammals (compara-tive, age-related, and experimental morphology). K. K. Sarguev. Vest.derm.1 von. pp. 12:6-16 '62.

ANATOMY, PATHOLOGICAL

- Cardiovascular discusses combined with palmonary tuber-cutosis, pathoanatomical data V. I. Pando, Sov med 20 no 12-101-108 D [66] Pathological anatomy of congenital heart defects L. D. Krymskii Khirurgita 39 no. 2,54-84 F [63]

ANATOMY, SURGICAL AND TOPOGRAPHICAL

Indicator and projection anatomy of the neurovascular trunks of the lower exacently in connection with hones and joints. A. A. Travin. Trudy Inst. im N. V. Sklif. 7:495-410 '63.

ANCHOVIES see subdivision under Black Sea

ANDRONIKOV, IRAKLII LUARSABOVICII, 1008-A book that speaks. Z. Papainyl. Nov. mir 30 no. 3; 247-250 Mr 163.

ANDROSTADIENONE -- PHYSIOLOGICAL EFFECT

Effect of methandrostenolous on protein metabolism in the liver and on blood serum protein fractions in experi-mental hopatitis. N Kh. Abdullaev. Vop. med. khim. 12 no. 6:627-632 N-D *86.

ANDI/OSTANE

Synthesis of androstane derivative series, Report No. 12: Historics and symmetric dilector ones of 2e-methol testosterione, 26, 17: dimethylestosterion and loc-methyl-fractic nestosterion. L. 3 coloralism khim prirod socid. no. 3, 354-354, 366.

ANEMIA

Causes and treatment of anomia developing sites one attention on the open brait unlies conditions of artificial blood circulation >, 4, God., mes. 1. 1, Voronom, IU, V. Kurilov Khirangha 3m no 2 31-36 F [43]

Cardiac arrhythmia in fluoth me anestla sia in children B M Semence, IU, L, Stepan'log flager thu famest 8 no 6 69-73 N-D '63

ANESTHESIA -- COMPLICATIONS AND SEQUELAE

Fifteet of an otheria and surgical traum routhe adrenoe ptraction, a region of literature $-V/\Gamma,Volko$ Erspar khir Lancst -d no 6 (7-80 %-D %)

ANESTHESIA-EQUIPMENT AND SUPPLIES

Storthzation of meathetic equipment. F N Kizzatsev. E F, Kilasnosheta to 1, 8, N Gafiatullina. Ekspor viii i anest. 8 no 6:74-76., -D (6)

ANESTHESIOLOGY

Effectiveness of antihistaminic preparations in anesthesiology D G Tagdisi Azerb med zhut 40 no 9 3-12 5 163

New developments in anesthesiology Inform buil VDNKH no 9 26-27 30 8 102

Some characteristics of anesthesia in oncological clinic I F. Shevelenko, N. M. Smitnov. Klin onk no 13-15 (65)

ANGARA VALLEY-LOESS

Conditions governing the formation of losss in the upper Angara Valley 1 G. Gur 'ranova Geoir geofiz no Il 87-94 63

ANGELICA see subdivision under Soviet Far East

ANGINA PECTORIS

Differential diagnostic significance of cosmopenta in myocardial infanct and stenocardia L B Shel'deshova Sov med 26 no 3,17-20 Mr '63

Experience in the treatment of stenocardia with a novocaine block using the author's method B M Khromov Trudy Inst im N. V. Sklif 7 202-207 163

Simplified method for the determination of fibilingen in the plasma during myocardial infarct and stenocardia. Azerb, med. *hur 40 no 3,43-48 Mi 463

Use of motion pictures in the study of cardiac vessels in stenocardia and miocardial infarction inman S.V. Andrees and others Trudy Instrum N V Shif 7 349-254 463,

ANGIOGRAPHY

Methodology for experimental catheterization of the celuse aftery and its branches Kh D Kulieva, P N.
Mazaev Frsper Phil Lanest 8 no 6 26-28 N-D 163

Significance of segmental broncho- and angrograph; in differential diagnosis of the basic groups of scherical formations in the lungs of G Vinner Khiturgiia 12 no. 11 84-89 N 465

ANGIOSPERMS

Modern state of the problems of the evolution and classification of the fruit of angiosperms. M. P Paviord, Trudy Un, druzh, nar, 14 Sel'khoz, nauki no, l 159-

ANGREN VALLEY—AVALANCHES

Historic value, I may also not like in Some morphometric characteristics on descent of avalanches in Naugarzon Valley G. G. Khai itono, Trudy Sied Az nauch -issi gidrometeor inst no 27-156-166 '66

Results of observations on descent of avalanches in inter-montane zone of Angrun Valley M. K. Eftmov Trudy Sred. - Az nauch - isel gidrometeo: inst no 27-151-

ANGULAR MOMENTUM (NUCLEAR PHYSICS)

Experimental data on K-meson and nucleon charge exchange at high energy, and complex moment theory V N Mcl'nikov, K, A Ter-Mautirosian IAd fiz no 5-1072-1075 N 166.

Graphical methods in angular momentum theory. L. A. Shelepin, IAd fiz 4 no 5 1091-1096 N '66

ANHYDRIDES

Reaction of aminophosphoranes with acid anhydrides, L. I. Mizrakh, L. IU, Sandalova, V. P. Evdakov, Doki AN SSSR 171 no.5.1115-1119 D '68,

ANICHKOV, SERGEI VIKTOROVICH, 1893.

Concept of Pavlovian nerviam in pharmacology, on the 70th birthday and the 50th anniversary of the scientific activity of Professor S. V. Anichkov, active member of the Academy of Medical Sciences of the U.S.S.R. D.A. Birinkov Fiziol zhur. 48 no. 10:1287-1289 O

Ital catainsis and autocatal, sis in the reaction of ethy-iche oxide with anilius - M. M. Shrimova, N. N. I sheder Iche oxide with anilitie M. M. S. Trudy MKHTI no. 12.81-88 '63

Alkylation of methylaniline with ammonum salts. A T Balaian and others. Dokl. AN 12 m. SSR 35 no 2:67-

Differential capacity curves of mercury electrode in antine solutions. S.L. Diatking, B. B. Demisskin Electrorlimita. 2, no. 11 1440-1314, N. 466

Hydrogen bonding and trequencies of stretching vibrations 1317-1320 166

Production of 1-anilyto-3-buten-2-of from anilyte and dramatents R Tulinganov K, D Petro: Plast mass no 0.50-51 %2

ANIMAL INTRODUCTION-MAPS

New method of compiling maps of taunal replenishments in general atlases, A. P. Shurdou, Dobl. Inst. geog. Sib. 1 Dal! Vest. no. 10 32-35 [63].

ANIMAL LOCOMOTION

Disorders and accovery of motor functions in ducks following lateral hemisection of the spinal cord S. N Bull clap biol i need 55 no 5,29-32 My '63

ANIMAL MIGRATION

Study of the migrations of moose in the Bargurin Range S & Ustinov | Iz: Vost -Sib old Goog ob-va SSSR 60 125-130 42.

ANIMAL PRODUCTS—DISINFECTION

Disinfecting raw intestines injected with the pathogens of brucellosts K.F. Lukina Veterinaria 13 no 12 88-91 D 356

ANIMALS AS CARRIERS OF DISEASE see subdivision under Upper Volta

Quantitative determination of spasmolytine and novocata-amble using the amount N-O D S, IAskina, Nguen Ba Khiep Apt deto 12 no 176-77 Ja-F 63.

ANISOLE

Luminescent properties of the products of condensation of mphthalic mandal fic with 3.4 diaminoanisole B.M. Klasowitekii, F.A. Shuvchenko, L.D. Shuhalibak Zhui, VKRO II no 6.705 "66

AMISOTRODY

Anisotropy of heat conductivity of a iented polymer films, G. L. Slommskii, T. A. Dikateva, V. I. Paylov - Vysokom soed - 8 no 10/1717-1720 O '66

Diamagnetic anisotropy and polymeric structure of atkali-borate glasses. L V. Semenov, V V. Jaragov Trudy MKHII no. 41 104-106 163.

Optical anisotropy of films prepared under oblique incidence of n elecular beam N K Horodkina, L P Stra-khov I iz tvei tela 8 no 7:2250-2262 Jl '66

ANKLE-DISEASES

Two cases of dissecting esteechandresis of the talorrural joint corroborated by contigenous aphy in the third (oblique) projection | S. Golubkova Trudy Novokuz GIDUV9 | 32 125-126 | 485.

ANKLE-FRACTURE

Course of severe closed lesions in the talocumal joint. B. V. Blinov Travoratologija no 1 233-236 465

Results of conservative trealment of mallcolar fractures, N IA, Shkokova, Travmatologita no. 1 311-517 455.

ANKLE-SURGERY

Approach for the removal of timors of the external opimetaphysis of the tible, 3 observations, V.P. Sellvanov, Vep. onk, 12 no. 12:61-66, 166.

ANKLE-WOUNDS AND INJURIES

X-ray diagnosts of lesions of the taloccurst joint in the third (oblique) projection F S Golubbova Trudy Novokuz GEDUVA 32-121-124 '65

ANNA DISTRICT-COMMUNET PARTY OF THE SOVIET

Leading 101e of party organizations. Α. Αιασον, Α. Ιλανν dov. Sov. potreb koop, 10 no 12:20-22 D '66.

ANNA DISTRICT—COOPERATIVE SOCIETIES-MANAGEMENT

Leading role of party organizations, A. Arapov, A. Davydov, Sov. potreb. koop 10 no 12:20-22 D 186

ANNEALING OF METAIS

Effect of annealing on the electric proporties of indium antinomice. G. N. Evstafteva, 1. V. Prostosandova E. IA., Pumper Izv. AN SSSR, Neorg. mat 2 no 12, 2252-2254

Studying the graphitization of white cast iron. F.K. Trachento and others, Izv.vys, uchib. zav., chein, met. 8 no. 12:133-135 166.

ANNIVERSARIES

(see also subdivision under (Direktstan) On calendar, Mol. Foram. no. 3:98-91 Mr 161,

Our calendar, Mol. komm. no. 11:106-107 N '61.

[Revolutionary and historical reference calendar, 1967] Revolutionno-istoricheskii kalendar -spravodnik, 1007. Moskva, Politizdat, 1967. 383 p.

ANONYMS AND PSEUDONYMS

Books in "masks " P. McPnikov. V mire laig & no. 12

ANOPHELES see subdivision under Chelyablask Province

ANOPLURA see subdivision under White Russia

ANOREXIA NERVOSA

Anore do nor vosa one of the courses of shoundary anores in M.V Korlina, Zhar mevr i pathi, 61 no.1424-129

Some remarks on the so-called psychic anotesia. I con Michot Zhur, never t psikh 67 no. 1;74-76 167.

ANORTHOSITE see subdivision under Bug Valley

ANOXEMIA

infoct of AC I if on the content of give ogen in tiesness of rats with conte hypoxi (III, M. Gever gian, Vop. med khim 12 no. 6-603-605 N-D (66)

I freet of anoxia during and after irradiation opradiation damage of hymphocyles I H Smirnova Radiobiologica

o no 0,020 002 and 11 fleet of the posterior of the adenylic system of the alceletal must less and heart in 14ts. A.I. Kulikova. Vop med blim. 12 no.64608-609 &-

A. I. Kulikova. Vup med anno. 12 hoveped and 10 166.
Piffect of the degree of myocurdial hypertrophy in expertmental heart defect on hody rentating to altitude hypoxia. IV. M. Bepin. Blul. edgep biol 1 new 55 65 97 37-10 My 163

Mechanism of increasing the registance of rate to deep hyportic-hyper capture hypotherranta under the influence of prior training, N. V. Korostovia; va. Fiziol zhut 18. no. 10 1200-1217. O. 462.

ANSERIFORMIS-PARASITES see Parasties-

ANTARCTIC OCEAN—CYEANOGRAPHY

Study of the water, heat, and solt discharges at the Africa-Anthretica and New Zealand Antarelica cross-actions. If V Grigoriev, Inform bint Socoatark ckep. no. 59 (B-16)

ANTARCTIC REGIONS-ARTHROPODA

Present state of the study of terrestrial Arthropolis in Antarctica M.E. Pryon Inform hint Sov, antark ekup. no. 58 65-79 (66)

ANTARCTIC REGIONS-ATMOSPHERIC NUCLEATION

Vertical structure of the warm nucleus in the antore-tic V.N. Kupetskii Inform, binl, from antark, (ksp. no, 59:42-37-46)

ANTARCTIC REGIONS—BIBLICGRAPHY

Bibliography, Inform, bial, Soy, antark, ckap no, 50;

ANTARCTIC REGIONS—CHUSTACEA

Atlanticheskii nauchuo-lesiedovatol'skii mattiit rybnogo kiozialstva i okeanografii. [Anitarefie kriii; biology and lisheries] Anitarkiicheskii kelt', biologiia i promysel. Kaliningrad, 1965. 91 p. [MICROFILM]

ANTARCTIC REGIONS—GEOPHYSICAL RISEARCH

By radio from the Antarctic. Informablul Sov antrak tksp. no. 58 76-88 186.

ANTARCTIC REGIONS-ICE

Accumulation of seawater on the Antarctic fast lee, V. A. Spichkin Inform blul, Sov. ontark (kep., no. 52, 73-75, 166).

ANTARCTIC REGIONS-IONOSPHERE-OBSERVATIONS

Drift of small-scale inhamageneities in Micayy (Antaretic region), A.A. Kashin and others Guomag. i act. 5 no, 6.1120-1122 N-D 166,

ANTARCTIC REGIONS-PIGMENTS

Mummles found in Antarctica. G, V, Konovalev, T. A. Mikhallova, Priroda 55 no. 12:100-101 166.

ANTARCTIC REGIONS—SNOW

Variation of snow accumula ion and some characteristics of the climate and atmospheric circulation of the climate and atmospheric riredation of Amarcter N. I. Barkov, V. N. Petrov. Inform blul. So., amark eksp. no. 59,5-11–466

ANTELOPES, FOSSIL see subdivision under Meldavia

ANTENNAS (ELECTRONICS)

Antenna with limited excitation zone. O. N. Tereshin, A. E. Gurov, I. I. Antipeukov. Radiotekh, l elektron 11 no Il 1044-1952 N 460.

ENNAS (ELECTRONICS) (Continued)

district of the directivity factor of radiators the escence of phase and implified distortions. V-V classific. Radiotelia reletion. II no Il 2006-2069.

listical maly 45 of nonequidistant antenna arrays G So im - Radiotekh t elektron - 11 no 11 1953-1959 766

iesis ora vide-band radiation receiving antenna S Doubstiannov - Radiotekh relektion - 11 no 12 3. Pesherhonov Radiotekh i elektron 2-2234 D 166

ELMINTICS
of minute and promintic on sheep. A.D. Bechinen-Vetermanta 43 no 1246 D 466

imental study of a combination of iomegan and acti-e Report No 2 - A I Krotov, D G Bulandina, S N orova - Med paras i paras bul - 32 no 2 193-196 niova Ap 163

b for new methods of treating trichocophallasis, Kiarets Med paraz i para, bol 31 no 5 521-5-0 163

ng "gel'miron" in chiel en nomatode control R.P., milo, A.A. Shamshurin, M.Z. Krimer. Para shivist, no 1449-150 [65]

ment of trichocephaliasis with naphthamone, N S, nova, E.A. Zhituutskala, V.K. Kunaukhov, Med tz i pataz bol. 31 no 5 522-524 5-0 162

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macological evaluation of the anthelicintic preparanapthammon W.N. Lebedeva, Kh. I Seifulla a i parar. 32 no 2,188-193 Mr.-Ap. b.J.

RACTEE COAL

ience in producing metallurgical coke from anthra-in the Democratic Republic of Victnam. Johannes stva. Koks i khim no 10,39-61 166.

reclationship between a parasite and its host at a rike at developmental stages of the disease. A riken. Short rud aspir mol mauch, and VIII no 2 2-288 %.

PANTLIC ACID

lation of tevotophan accumulation in fodder yeast which and the send L.I. Kareva, Z. S. Kagan, V. L. evich Prikl biokhim i mikrobiol 2 no 6 625-N-D 466

:AQUINONECARBOXYLIC ACID

purincearboyylic acid in Rubia tinctorium L. stems, Kriventsov, I. V. Kislova, Izv An Turk, SSR Ser tekh, , Fhim, i geol, nauk no. 1:111-116 162

ities of the Institute and Marcum of Anthropology to Moscov University during 1959 – I. K. Karmanova unit – no. 1/14/4/45 /60

numest moral education and Soviet anthropology antr no 13-8 160,

OPOLOGY --- PERIODICALS

opological materials in Russian magazines issued we citly 19th centruy, "Atenci," "Moskovskii nik," and "Iclescop," N.G. Zalkind. Vop. anti 1 126-134 160,

OPOMETRY

"Mus and methods for the planimetry of the human . N. Volansky. Vop. ant. no. 4:103-112 160.

mination of sev from the skeleton and teeth of B A Mikituk. Vop ant no, i-135-139 160, at development of students. M. M. Bukalov and s. Teor, i prak, fiz. kuth, 29 no, 11:57-59

ole of anthropometry in physical education and ts and its relation to anthropology, P. N. Bashkirov ant 2 no 4 9-20 160

RCRAFT ARTILLERY

our first shot flies to the mark, T. Zolotukhina. comm no. 11:108-111 N '61.

the activity of blood in pink solmon larvae B.V. sov Trudy MMBI no 12:187-188 66 iomycin and mycer in therapy of experimental e induced by streptomycin - Lesistant forms of the bacillus. E. N. Aleshina and others Trudy Gos. - isst. protivochum inst 16:3-11 159

is in the resistivity of the microflora causing rection in radiation sickness to antibiotics. I.D. 1. Vop. radiobiol. 4:308-312 '61.

I hacter fological and pathomorphological charac-les of collies in monkeys and methods of their rent F. IA. Ermakova and others. Trudy Mosk -tast inst virus prep no 3:287-202 %5

Luse of antibiotics. I G. Rifanov and others Sov. 26 no 3·136-145 VII 163

ted treatment of acute radiation sickness with polesis stimulants and antibioties. S. E. Manotlov, Funshiein, E. I. Sheherban'. Vop. radiobiol. 4; Dynamics of the sensitivity of staphylococci to antiblo-tics in pyodermitis S. I. Dovehanskii, I. V. Metollerin Vest derm. I ven no. 12:33-36 462

Effect of avstatin, irrehomyera and levol in on the growth of price-fix intestinal human protocock in culture. A F Panaka Antibiotic II no II 1013-1017 N 106

Formation of pentagns and polypoptide antibiotics by a citi-cillate actinomyces. V D. Kurnetsov, N G Bilion, N.M. Vikhrova Mikroblobogia 31 no 5 8H-815 S-O 52

Histopithological changes in organs and tiesus soft animals following introduction of nature uplactic anti-biotic bruneomycan T P Belova Antibiotiki II no II 1023-1030 N 366

Physiobite he mit all and antibiotic properties of actinomy-cetes from the orange group. Hunt TS21-shen [Yilan Chi-shing] Mike obiologita, 31, no. 2,251-261, Mr-Ap '62

Results and prospects in the search for accutumot anti-biotics M. M. Maryetti Vest AMN SSR 15 no. 12biotics M. 28-14 '50,

Sustitute of pathogonic actioble 129 fungi to antiblotles and culfaultamides, 10.5 Againmon, T. G. Sattema Antibiotiki II. no. 11 1039-1013, A. 166

Some regularities of the formation of bruncomvein in cultures of Actinomyco s albus yn bruneomycin. C Olthosito a and others. Antibiotiki 11 no 11 976-980 (I 466)

Study of antibacter fall properties of the complex collagen with antibiotics in vitro preliminary report VB Shelphter and others Frudy 1-go MMI 49 286-293 %

Susceptibility of the strains of Bacillus laivee White to antiblotics A Furnyich M Zakhachevska Vete-ifnatita 43 no 1412 Ja 167

Systematic position, variability and antibiotic proporties of the produces of the antibiophistic antibiotic factors myecum L. P. Ivantishata and others. Antibiotiki II no II 973-976. N. 466

The appette effect of combinations of antibiotics used in experimental plague induced by strephonys in-resistant forms of the plague bacilius L.S. Tinker, F.N. Alesbina, L.N. Makaroyskafa Trudy Gos much -1341 protivochum mat 16:13-18 159

Iteating younds in sheep with antibiotics and by blind sutuing. I. kb Storovybornyi. Veterinards 13 по 11 65-66 М 106,

Irratinent of dyspepsia in calves using iltrated antibiotics and nitrofurans P. E. Kozhin, V. I. Sorokin. Veterins-111a 43 no 1 70-73 Ja +67

ANTIBIOTICS—CONGRESSES

Mezhinstitutskala naucimala konferentsila pamiali I.A.
Tarasevicha, 1965. [Materials of the Interinstitute
Scientific Conference in Memory of L.A. Tarasevich;
stialns, vaccines, seria and antibiotics] Materialy,
shiammy, vaktsiny, syvorotki i antibiotiki. Moskva,
Gos. kontrolinyi in-t med, biologicheskikh preparatov, 1965. 365 p.

[DNLM MICROFILM]

ANTIDIOTICS-EFFECT ON PLANTS ace Plants, Effect of antibiotics on

ANTIBIOTICS-TOXICOLOGY

Some pharmacological properties of the antibiotic modelomyon of the polypeptide group V G Stolpalk, O Sh Dzheksenbacy Antibiotiki H no H 1997-1911 N 166

ANTICHOLINESTERASES

Paramyon-induced contracture of the dorsal muscle of a leach under the effect of anticholinester ase agents. A. I Podlesnata Bull cksp biol i med 55 no 5;78-81 My

ANTICOAGULANTS (MEDICINE)

Histochemical study of semibiological anticoagulative prosthess of venac cavae A. B. Shekhter and others Trudy 1-go MMI 49,300-307 166

Lipoprotein lipase as a humor of agent of the physiological anticoagulating system H. A. Kudi toshov and others Hiul eksp biol i med 55 no 5:20-25 My '63

Study of anticongulative properties of the collegen-heparin complex V. L. Lemenev and others. Trudy 1-go MMI 49:270-287 '66

ANTICOMMUNIST MOVEMENTS

Ideological sabotages of imperialist reaction. V. Rychkov, N. Golovanov. Komm. Vocauzh, Sil 3 no 10:79-83 My '63.

ANTIGENS AND ANTIBODIES

Acute medicinal agranulocytosis with the presence of allergic antifeucacyte automnithodies developing after tetracycline therapy. V.D. Dygin, R. K. Kaluzhenko, Probl gemat, t perel, krovi. 8. no. 2:82-53 F. '63,

Antibodies to autocrythrocyle lysates in rats chi onically exposed to some i adioactive blockements O.G. Alekseeva Radiobiologiia 6 no 5 708-711 '66

seeve Radiobiologija 6 no 5 705-711 '66
Antibodies to SV_A in monkeys of different species,
M.IA, Chumakova, C. 1. Avgustinovich, T. 1. Zabodova,
Vop virus, 8 no. 4:152-156 J!-Ag '63,
Antigenic properties a it ansplantable of cynomolygus
monkey heart cell culture and amniotic fluid of cattle,
P. N. Koslakov, T. P. Konstantinova, T. A. Posevata,
Vop. virus, 8 no. 4:103-501 JI-Ag '63.

Antigenic properties of deoxyribonacleic acid of actinomy-ces. B, P, Matselinkh. Zhur. mikrcbiol., epid. i immun 13 no. 11, 24-29 N '66

Artificial induction of curus antigens of the transplantable type during themical cureinogenesis V, P, Gamburg, A. I., Lauzacz, G. IA Svet-Moldavskii Vop ont. 12 no 11:11-15 [66]

Characteristics of a region of DNA molecule interacting with antibodies — 1 of Poverennyl, T i Alemikova, A S Sacako — Biolibinila 31 no 6,450-1158 N-D '66

Chiculation and excretion of musicbes and antigens in experimental dysenter, 7, M Ambeeva Zhur mila shiol , epid rimmun 33 no 6,22-27 Je 62 Comparative study on the antigenic complexes of Flexner's dysonterial bacteria in S- and R- forms A 1, Skewion-state Zhur mitrobfol epid Limmu 33 no 6 14-17

Complement fixation reaction to group Acoxyackievinuses and methods of prepuring antigens. V.N.Suchnova, Z.I. Zubova, N.V. Izotova. Vop virus. II. no. 6 571-675. N.D. 466.

Conditioned response regulation of neuron globulin levels V. I. Luk Banculo and others—Biul eksp biol 1 med - 55 no 6 90-83 Jc. '63

Detection of antibodies to the monkey virus (SV₁₀) in human sets. Secological evidence of interton from monkeys and bulney cultures. M. 1A Chamskoys and others. Vop. virus. 8 no. 1 157-460. H-Ag. 463.

Detection of influenza antigen in intracellular inclusions by labeled J¹⁵¹ antibodies of 11 1 to skale and others vop virus. If no 61672-658 N D ¹66

Determination of the localization of muscle proteins in isolated myofibrits with the fluorenent antibody method G M I ruph and others. Biofizika 8 no 5,569-74 '63

Dynamics of secological shifts in children vaccinated with five pollonyclitts racelor from Subin strains.

G.P. Taranova Vop strus. 8 no.1,109-115 14-

Fifect of some non-specific factors on the natural regislance of the body and postvaccination immunity. O. Babacya. Azerb med zbur. 10 no 9:58-66 S 64.

Lifect of the adienal costes on imminogenesia, V.M. Ivanov Pat, fiziol, i eksp terap, no. 346-19 461.

Pirect of vitantin B, on production of immune antibodies in mice following leventy-cetin injection M V Kayvo-sheteva Milrobiol zhur, 28 no 0:15-78 406.

Evaluation of the stability of tick-hoppe encaphalities in us Valuation of the stability or dok-norme energyments of a noninfections antigen prepared with the use of different methods - H 1 - somenow, A 1 Revenova - Trudy Mosk methods - H 1 - somenow, A 1 Revenova - Trudy Mosk

methods B I sements A I Rezeption Tondy Moak much sissi instable preprint 196-100 '65.

Humoral antibodies in the blood secum of dogs in carly stages of car choosen sis under the effect of β-naphtylamine, T.A.Ko stakva, A.P.Skachkov, Vop. onk. 12 no. 12:67-68 '66.

bue shrish ensultide total bevoluter in a spirite "bi utill" Papio hamadi yas) B, V, Konfukhov, N, P, Hochkov, M, V, Sezhina Biul eksp biol l med 55 no 5:111-111

Identification of the virus of Remerovo tick-home fever. Evidence of the antigente independence of this virus M.P. Chamakov and other s. Vop. virus. 6 no 1 140-111 JI-Ag '01.

Immunochemical studies on antigens from microbes of the harman eigenine a statics of an ageins from any one of the typho-par atyphold group incorporated in a chemical polyvalent vaccine of the Gamak in Institute of Lpidemiology and Alice obtology N. V. Khatuntseva, M. V. Mitonova Zhar, mita obtol-, epid t immun, 33 no-6; 43-19 Je 62.

44-19 Je 102. Immunofluoi escence method for detecting antigen in liver cells of infections hepatitis patients D. S Ketiladec cells of infectious hepatitis patients | f Vop virus | ll no 6:675-680 N D | 66

Methods of titl ation of tick-borne encephalitis antibodies and viruses in tissue culture. I. K Kuranova Mosk nauch dissi inst whos prep no 1:80-91 165

Microglobulin synthesized by complexes of cellulosefixed poptide chains of yti-globulin and forresponding antibodies R. S. Nozlin, L. M. Kul'pina Biokhimila 31 no 6:1257-1263 N-D '66 Nonspecific inhibitors of hemogglutinins in humans and

animal blood and their elimination A. I Rezopova Trudy Mosk nauch -isal inst virus prop no 3 101-105 '65

Results of immunological examination of 10 patients with myeloma, V. P. Dyglu, A. S. Mishebenko, Probl. genut. I perel ktovi 8 no. 2:20-23 F 183,

Secological activity in thermal burns. P. N. Kosiakov, V N. Kazakova, I. N. Pushkar. Probl. gemat, 1 perci. krovi 8 no. 2:37-41 F 163

Serological reactions with tissue antigens in irradiated and vaccinated animals. N. N. Klemparskala, N. V. Raeva. Zhur mila objol., epid i immun. 33 no. 6;107-111 Je. '62

Serological survey of children in Moscov in 1962 for antibodies to poliomyclitis viruses. M K Voroshilova and others. Vop virus. 8 no 1:101-409 Jl-Ag 163.

Study of antigente substances, parts, of the composition of streptococcus allergen, N. A. Borodiuk, M. N. Smirnava, M. K. Pritsep. Zhu, mikrobiol., epid, i immun, 13 no 11:20-24 N '58

Study of similarity and difference of specific antigons of human cancerous tumors P. N. Kosjakov and others, Vop. onk, 12 no. 11;3-7 '06' Study of the role of different peptide chains of antibodica in the antigen-antibody reaction. F Franck, R. S. Nezlin. Biokhimtia 28 no 2:193-203 Mr-Ap '63

ANTIGENS AND ANTIBODIES (Continued)

- Transferior reaction related to anti-hi antil adies $-t_{\rm s}$ G HaShlad. Probleg clust regard -2001 8 $\pm o_{\rm s} 2.58 \pm 0$ 1 463
- Transplacental (passive) transfer of plagur antibody's to the progeny of greater gerbibs. M. I. Levis IU, G. buchkov. Butlicksp biol i med. 35, no 6:38-91. Jc. 4.2
- Use of isothrocyanalfluorescein for antibody lebeling M. M. Ogic vetskare-Pishchurum and others. Let Al. SoSR Ser, biol., no. 3,1-1-411. dis-Je. 9/3
- Use of the antiglobulin in cation reaction in impunohem dological examinations. R.K. Kaluzhento Probl geneat recrel. Show 8 no 2 16-30 b fol.

ANTIGENS AND ANTIBODIES-ANALYSIS

- Detection or nonprecipitating antibodies vith the salting onl method. At Nikoleevi M. Sh MH man Lab delono 19-11 $^{4}67$
- Examination of complex antigenic infixture using Cachter and by method of antigen and antiserum titi ation in a single test. V. S. Apekin Lab delo no 111-13 '87
- Separation of individual antigens from complex surface antigen of paratyphold B bucteria. R. N. Uvarova, F. K. Ivanov, L. K. Stepanova. Vop. med. khine. 12 no. 6.564-574, N=D. bu.
- Some improvements in the organization of Onehter long in reaction. G. I. Aydeev. Lab.delo no 113-15 '67.
- Shidy of the antigens of stamach cancer in man by pre-cipitation in agar. L.V. Shershullskara. Vop onk. 6 no. 3:22-27. 463.
- no, ozzazar vos. Sudying the antigenic structure of bacteria used in derafization. 11. A Popor Vetermaria 13 no 11 87-90 N 166
- Use of the fluorescent antibody method for study of the localization of similar virus No. 10 in the self and for its rapid detection in vaccine (S.G. Dzagurov and coners, Vop. virus, 8 no. 1, 471-171, 14-Ag, 263

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- Antagonists of aldostetone, V.Kh Vasilenko, V.G. Kuhes Trudy 1-go MMI 43.7-10 (65.
- Clinical morphological studies in homotransplantation of the kidney with the use of 6-mercaptopurine M V Bilanko, N A Hykova Trudy 1-go 11M 49 86-96 '88

Mechanism of copreciptation of antimory and germanium in jodice process KA, Bolishakov and others lzv AN \$55R, Neorg mat 2 no il-1921-1921 N 466

ANTIMONY---ANALYSIS

Chemical spectral methods of analysis of high purity metals and Strateonductor materials with the extraction of base component by B, B-dichlorodicthyl ether. Report No. 1 Analysis of high purity antinony 1, G Hedelevich and others. Zhur. anal, khim. 21 no. 12,1457-1461.

ANTIMONY-CADMIUM ALLOYS see Cadmiumantimony alloys

ANTINEOPLASTIC AGENTS

- Andemiia nauk URSR. Instylut fiziologii. [Cytotoxins in modeln medicine] TSitoloksiny v sovi emennol meditisine. Kiev, Zdorov'ia.

 Vol 3. [Articles dedicated to the 120th anniversary of I I. Mechnikov's birth] Sbormk rabot, posviashehennyi 120-tetitu so dnia rozhdeniia I I. Mechnikova. 1986, 234 p.

 (INLM) (DNLM)
- Antibiotic cruzin and its mechanism of action on cancer cells. N.G. Kimeva, G.I Roskin. Izv. AN SSSR Serbiot. no. 3 368-390 My-Je *63
- Effect of cytotoxic antilymphatic serum on the cellular composition of lymph nodes. E.M. Kipervasser Pat fiziol i cksp terap. no.3:49-53 '64.
- incom a case recop. no.3:49-53 '64.

 Liffect of saim and sarcolysine on oxidizing phosphotylation of mitochondria of turno ous and no mai cells

 I. N. Homanova. Z. V. Kuz'mina. Vop. mcd Vhim 12 no 6:586-591 N-D '66.

 Liffect of some antineoplastic agents on the process of reparative regneration in rabbits. N. N. Samoliev.

 Vop. onk 9 no. 3:40-52 '63.
- Effect of some antineoplastic preparations on the accumulation of amino acids in the cancer cell and their in-clusion in neoplasm proteins in animals. Vo., onk. 10 no. 3:45-49 183.

- Pifect of semi-derivatives and from 0.9 of tracell, extension, and foot too the on the growth of transplantable turners. It is W-anathraia. Vop. ank. 12, no. 12, 66n7 Heb.
- I per mental study of selectivity of chemopreparations with antifunor action. I. F. I arono. Vest. MM. SSSR 17 (1), 12 (4-13 (6)).
- Histopathological changer in organs and insues of unimits tollering introduction of antincoplistic introduction from the following the T.P. Belova, Antibiotiki il mill 1023-1030 N 566
- Intralymphatic transfusions in the treatment of tumors, M. Hattedroti, I. Donini. These Phir Fanest. 8 no 6: 28-31 N-D 63
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- Selection of nev lighthators of immunogenesis of a ratio diorigin. V. J. Shorin, S. P. Shipocalov i. Antibiotiki, il. no. 11,063-067. N. 166
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- Surf, of the mechanisms of antitumen action of alkylating metabolites A. I., Belonsona Vest AM 1583R 15 m talsolites no 12,13-57 60
- Systematic position, variability and antibiotic properties of the product; of the antineoplastic antibiotic two of models. I. P. Leantstata and others. Antibiotike 11. no. 11.973-976. 17. [66]

ANTIOXIDANTS

- Antioxidant additives to tricthylene glycol, I.IU. Zhake and others. Khim I tekh topl., masel II no.12.21-
- Determination or antrodidants in potvolefins, extraction through distribution in a vacuum S. Juskevicinte IU A. Shluqunko: Plost massy no 13 69-63 '60
- Ortermination of the oxidation potentials of thermal stabilizers of polyoletins V S Zubkown and others Plast massy no 12 61-65 '66

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I ffect of phenazone of polyploid augur beet forms — G. P. Kudi favisev — Dokl AN BSSR 10 no.12,991-997 D - 966

ANTIRE FIGULAR CYTOTOXIC SERUM

- Akademila nauk URSR. Instylut fiziologil. [Cytotoxins in modern medicine] TSitotoksiny v sovi emennot medi-
- tsine. Klev, Zdotov'ia

 Vol.3 [Atticles dedicated to the 120th anniversary of I.1 Mechankov's bitth] Sbornik rabot,
 posvlashchemyi 120-lettin so data tozlidenila
 I.I. Mechankova 1966 234 p (DNLM)

ANTISCPTICS

- His ctric measuring instruments for autiseptic vork, V.D. Chalkov Mont i spets rabiv strot. 25 no.8,23-24 Ag '83.
- Sanifary freatment of the cownditer before milking, V.D., IAblochkin Veterin with 13 no. 11 85-80 N 466

ANTS-EXTERMINATION

Control of garden ants (Lasius niger) in houses. N. Z. IAkobson, A. S. Opanasenko Med paraz, i paraz, bol 31 no 5:623 S-O '62.

Tenicillin content in the blood following experimental intra-actic intramuscular injection. L. P. Zhatoroukovo. V. D. Gyindzbillia. I kaper khu i anest. 8 no 6 51-51 N-D '63

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- Technique of closed tricuspid commissurotomy in com-
- the strength of closed treusph commissing or my head treusph control or my head to surgical treatment of an tie coarctation. N.A. Mealther takey and others. Khiru gilm 19 no. 2:79-84 r. '63

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- Diagnosis and surgical treatment of coarctation of the aorta, F.G. Uglov, L.F. D'hachenko, I A. Mursalova Khimurgiia 42 no 11 7-13 N 56
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APARTMENT HOUSES

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- Labor productivity of integrated brigades is growing N F. Gushchenko, Transp. stroi. It no 12 8 D 161. Large-panel buildings of an integrated series. M. A. Fishchukov, Transp. strot. Il no. 11:33-36 N '61.
- Number of stories in buildings and the economics of city construction M. Vainberg, E. Krasheninmkova.

- Shagin, P. P. [Statistical calculation of frame and panel multistory apartment houses] Staticheskii raschet kar-kasno-panel ukh zhilykh zdanti bol'shot etazhnosti. Leningrad, Stronzdat, 1966 121 p
- Ways to lower the cost of housing construction on and cond lines. B. M. Frishov. Franspostron. If no 11 30-
- APARTMENT ROUSES-DESIGN AND CONSTRUCTION (see also subdivision under Italy, Kalinin, Krasnoya; sk; Leningrad, Moscow, Volgograd)
- Apartment block-sections V. A. Sokhin Stroj i arkhit Lon 28 no il 14-22 N 466
- Apartment sections with united layout and design parameters. IA Basser man Arkhit 558R no 7:28-31 '66 Egnus, M.IA., V.N.Svedlov, and Z.A.Kakovkina. [Increasing the precision of construction of large-panel buildings] Povyshenic tochnosti mentazha krupnoganel'nykh zdanii. Moskva, Stroitzdat, 1965, 59 p. [MICROFILM
- Fundamentals of forming per spective models for a partment construction. L. Pist levich, I. Rabinovich. Arth SSSR no. 11 25-29 [66].
- Introducing multistory monoscotional hartings into mass housing coasts action IA Kanaes Arkhir SSSR no 6
- Make fully precess aparlment construction flawless, 5, E, Altunin Stroi i arkhit Len. 28 no 10:2-3 O 46
- New principles governing the design of rural residential and public buildings. D. Breslavisev. Arkhit SSSR по 6 19-24 %3
- Olyhova, A.P. [Elevators in highrise apartment hous-es; selecting the type of elevator and determining their quantity] Lifty v zhilykh domakh povyshennof elazhnosti, quantity | Day v 2 miyan domain psystemno etaznosti vybor tipov liftov i opi edelenie ilsk kolichestva. Mo-skva, Nauchno-issi, in-t leonii, istorii i perspektivnykh problem sovelskoi arkhitektury, 1966. 13 [MICROFILM]
- Perfect design features of apartment houses of panel construction. D.A. Chagin. Stroi i arkhit 1 cm 2: no. 10 4-7 O 466
- Problems of nomenclature and economics of highrise single a ultistory section apartment houses. E. Kapustian, M. Liubimova, H. Lazmeav no. 8 35-44 466 Arkhit, SSSR
- Significance of economic analysis in the approximate solution of some problems in optimal planning Fr Diderikhs, Fkon r mat meted, 2 no.6808-822
- APARTMENT HOUSES—HEATING AND VENTILATION bee subdivision under Moscow
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- Looking at the right side. T. Rossinshina. Na stroi, hos. 4 no. 10 11 O '63.

 Sokolov, V.K. [Modernizing apartment 'tile'h, s; basic principles and methods of rebuilding major buildings]

 Modernizatsila zhlijkh zdanti; osnovnye printsipy i metody rekonstruktsii kapitat'nykh zdanti. Moskva, Stroitzat, 1968. Stroitzdat, 1966, 150 p

APARTMENT HOUSES-SANTTATION

Smitary engineering of large-panel apartment houses requires improvement. IS Liber, E.B Stolpher. Strol 1 arknit, Len. 28 no 16 11-15 O 160.

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APARTMENT HOUSES, COOPERATIVE

Kulebakin, G.1. [Guide for the person joining a housing cooperative] V pomoshch' vsiupalushchemu v zhilishchnyi kooperativ. [Moskva] Mosk.rabochli, 1966. 125 p.

(see also subdivision under Mali)

- Behavior of individual rare carth elements in sulfuricacid decomposition of phosphorites. C.V. Germogenera. K. A. Samykina. Min. syr 'e no. 13:93-87 '66.
- Use of raw apatite as fertilizer for rice in the Democratic Republic of Vietnam, Te-van-Can, A. Sobaebkin, Toudy Un, deuzh nat. 14, Sellkhoz, naukt no. 1,27-39

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Change in conditioned food reflexes following proliminary lavage of the oval cavity of small intestine with glucost solutions I., V. Itina. Dokl. AN BESR 6 no 0 595-507 S '62

APPLE

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crown—Report No. 2: Diannal changes in the light conditions in various parts of an apple-tree crown and the
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APPROXIMATE COMPUTATION

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ARAL SEA REGION-GEOLOGY, STRUCTURAL

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ARAL SEA REGION-ROCKS, SEDIMENTARY

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Conservative tendencies in contemporary western architecture S. Khan-Magomedov. Arkhit SSSR no 7

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Climate in city planning. V. Gorshkov, Arkhii, SSSR no. 0:33-31 '66.

Methods of calculating exposure to solut tadiation in municipal construction V. Pivkin. Archit. SSR no, 8:32-33 '66,

Protecting high-lise buildings from atmospheric precipita-tion I. Khiusov Arkhit, SSSR no. 8:12-45 '66,

ARCHIVES

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FORCES

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ARMENIA-AZERBALIANI DRAMA-IJISTORY AND CRITICISM

Rzaer, Sabir. [Azerbrijani theater in Armenia] Azerbridzhanskii teatr v Armenii. Baku, Azerbaldzhanskoe teatr obsog, 1963—100 p. illus (Mil)

ARMENIA-BIBLIOGRAPHY-EARLY PRINTED BOOKS

American books printed in the Ukraine, the 350th anni-erroary of the publication of the first Armenian book printed in the Ukraine IVR Dashkevych Ukrafst dur. 10 no 12:132-14; D 66

ARMENIA-BOTANY

[Flora of Almenia] Hora Almenil, Pod red, A.L. Takhtadzhima, Elevan, Izd-vo Akad, nauk Almianskol SSR.

Vol. 5. Paconiactae - Silicateae, 1966, 382 p.

ARMENIA-COMMUNISTS

Zinin, V.K. [True son of the party] Vernyi syn partii. Erevan, Alastan, 1966. 44 p.

ARMENIA-CRIMINAL PROCEDURE

Armenian S S R. Laws, statutes, etc [Criminal Procedure Code of the Armenian Soviet Socialist Republic With amendments and supplements to October 1, 1985, and with the addition of materials arranged by paragraphs] Ugolovno-protsessual nyi koleks Armanskoi Stociskoi Sotsialisticheskoi Respubliki Sizmenenliami i dopolnenliami na I oktiabi ia 1965 goda s prilozhenlem poslaterno-siste matizit ovannykli materialov. Erevan, Alastan, 1965 337 p. (CSt-H)

ARMENIA-DIATOMACCOUS CARTH

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ARMENIA---FUNGI

Melik-Khachati Ian, D.G. [Mycoflora of northeastern Armenia] Mil offora Severo-Vostochnoi Armenii, Ere-van, Izd-vo Erevanskojo gos. univ., 1964. 310 p. [In Russian and Latin]

ARMENIA-GRASSES-FERTILIZERS AND MANURES

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Resorts in the mountains. A. Galstian, B. Afrikian Okhi truda i sots strakh 9 no. 12:0 D '66

ARMENIA-HISTORY

Adminia A A. Paparian Vest observative name AN to SSR no 5 78-87 My '66

ARMENIA-HYDATEDS

Some problems of enhinecocrosis in the Armenian S. S. R. E. S. Martikian Med paraz i paraz hol. 32 no 2;184-188 Mr-Ap '63.

ARMENIA-HYDROLOGY

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Armenia—lava

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ARMENIA-PEAT SOILS

Studying physical characteristics of peat softs in Arrentr T. T. Vardanian Such Lab agroldum AN Arm SSR no 4:53-62 '61

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ARMENIA-SOILS

Activity of cellulose decomposing intera-organisms in semidesert stony soils of the Armenton 5, 5, R. 1, A. Khacidsian. Lev AN SSSR Ser. http://doi.org/115-153

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ARMENIA-SOILS-MAPS

Basic regularities of the agreehended characteristics of soils in Armenta, G. S. Davtim, G. B. Labutan, Agrothimita, no. 12, 3-14, 10, 466

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ARMENIA-TECHNOLOGICAL INNOVATIONS

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ARMENIAN LANGUAGE—PHONETICS

Agalan, E.B. [Grammar of Old Armenian] Grammatika drevnearmianskogo iazyka. Erevan, Izd-vo Akad, nauk Armianskoi SSR

Vol. 1, Pt. 1, 1964, I v. [In Armenian]

ARMENIAN SCIENTISTS see Scientists, Armenian

ARMENIAN TECHNOLOGISTS see Technologists,

ARMENIANS see subdivision under France; Turkey

ARMS AND ARMOR, GREEK see subdivision under Kerch Pontugula

AROMATIC COMPOUNDS

An Aromatic acid in drilling fluid. A. Nilezov. [2v, AN Turk, SSR, Ser, fiz, -tekh , khim, i geol, nauk no. 4-lli-

Decomposition of alkylaromatic hydroperoxides in presence of some boron-containing compounds M Drozdova and others, Dukl, AN SSR 171 no. 2:315-348 M 160 348 N 160

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ART

Att life in the Soviet Union Takusatvo 20 no.10.76.80

Art life in the Soviet Union. Iskussivo 29 no. 11.77-80

The art of Ancient Russia and the western Stavists.

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Comparative study of the literature and art of Ancient
Russia D S Likhachev, Trudy ODRL 22,3-10 166

Foreign review Iskussivo 20 no 10 75-77 '66 Foreign review. Iskusatvo 2º no. 11:71-77 '66,

On the relations of the art of Old Russia with antiquity A N Sylvin Trudy ODRL 22 150 462 166.

Pereverzev, L.B. [Art and cybernetics] Iskusstvo i kibernetika, Moskva, Iskusstvo, 1966—148 p

Secular a oppresentational and in pre-Mongulian Russia and the "I ay of the host of Igor," 5 N. Grabar Tandy ODRI 18,233-271 '62.

ART-BIBLIOGRAPHY see Bibliography-Art

ART-CATALOGS

[Chronicle of fine arts] Let. izobr. isk. no. 4 166.

APT-EXHIBITIONS

At the Lighth Academic Exhibition, B. Nikoforov. Iskussivo 25 no 10 2-15 266

ART-PHILOSOPHY

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ART, ABKHAZIAN

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ART, BYZANTINE

Bank, A.V. Byzanline art in the collections of the Soviel Union Vizantiiskoe iskusstvo v sobi aniiakh Sovetskogo Soluza. Leningtad, Sovetskii khudozhnik, [1966] 390 p tilus. [Text in Russian and English]

ART, CYPRIAN

Brave art of Cypius, I. Volikova Iskussivo 29 no. 10 58-62 66.

ART, MEDIEVAL

As unknown ministure with the images of "vn tues" made in the car by Middle Ages. B IA, Ramm Sied, weka no. 29 221-227 '66

ART, MUNICIPAL see aubdivision under Novosibirsk

ART. UKRAINIAN

[History of Ukrainian art in six volumes] Istoriia ukrain-Pistory of Oktamen art in six volumes a storm what is who mystelstva v shesty tomakh. Kyiv, Holovia 1ed. Ukr.rad.entsyklopedil.

Vol. 1. [Art of the ancient per tod and the time of Klevan Rus"] Mystetstvo naldavnishykh chasiv ta epokhi Kyivs'koi Rusi. 1986. 450 p. illus.

AFIT AND COMMUNEM see Communism and art

ART AND INDUSTRY

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ART AND LITERATURE

Pigarev, K.V [Russian literature and fine art, 18th to the first quarter of the 19th century, sketches] Russkata Russiana i nobrazitelines iskussivo (XVIII-pervala chetveri'XIX veka), otherk! Moskva, Namet, 1996. 291 p 52 illus,

It oblems of the writer's skill in the light of the question of interrelation between their time and the time arts N, > Manacy Uch zap Kal gos ped mst 13:113-146 '65

ART CRITICISM

Ant of great ideas. N. Bespalova. Iskussivo 20 no. H: 10-13 '66.

Gozenpud, A.N. [The Central Children's Theater, 1936-1961. Author's abstract of a dissertation for the degree of Candidate of the History of Arts] TSentral'nyi detskii tenti (1936-1961 gg). Aytoreferal dissetlatait na solskante uchanol stepent kandidata iskusstvovedentia. Moskva, 1965, 17 p.

[MICROFILM]

Footing with the times. I, Euptsov. V mile knig 6 no -11/34-35 N $^{-166}$

The rational and the emotional in works of an I. G. Koniakhin, Islussivo 29 no. 10 22-28 166

ART GALLERIES AND MUSEUMS see subdivision under Leningrad, Yuzhno-Sashalinsk

ART OBJECTS, UKRAINIAN

Kurylych, Mykhailo. [Lvov souvenirs] L'vivs'ki suveni-ty. [L'viv, Kameniar, 1965] I v. (chiefly illus.)

ARTEM ISLAND OIL FIELD—OIL FIELD BRINES

Hede advantage characteristics of the reservoir maters of the sub-Kirmaki series in the Arteri Island oil field, M. N.Dadishev, Z.I. Zehritov, V.G. Kishi amanov Azerb, ucit, shoz. 32 no 3:11-14 Mr. 463.

ARTERENOL see Notadrenaline

ARTERIES-INFLAMMATION

Treatment of obliterating and a territis A.G. Fis G. A. Dudkeyleh B Sh Zilberhord Sov, med 29 no 12 65.

ARTERIES-TRANSPLANTATION

Function of the remaining kidney following unflateral nephrectomy with an artery replaced by a homograft, I. A. Nikolaevich, S. A. Grepnrian, N. I. Molokanova Pat fiziol. i okspitciap. no 3 67-71 '61

ARTERIOSC LEROSIS

Ather oscietosis in tuberculosis of the lungs (pathologico-anatomical data) VI Braude Sov med 26 no 3:55 58 Mb '63

Ather oscicrosis of the acrts, blood lipids and chole Rithinsis. D. M. Abdulnev, Azerb, mad zhur 10 no. 1:11-54 віч. D \р ¹63.

Clinical hematological characteristics of the autoimmune synchrome in affine one legions and A. Kryslov, D. A. Gor-dieuko Savimed 20 no 12 72-76 D 56

Effect of portioned numbaths in coronary atherosolerosis V A, Michaelov Sov med 29 no 12 76-79 D 466

Kunkel's phenol test in atherosclerosis. V. A. Tti homor-vov. L. L. Gladkova. Lab. delo no.1/13-45 fb/

Rate of the expansion of the pulse wave as a method for the evaluation of the degree of attenost lerosis in curonary insufficiency, G.A. Pafomov. Trudy Inst im N. V. Skiif. 7 180-183 163

ARTERIOSC LEROSIS—CONGRESSES

Conference on the pt oblems of atherosclerosis V. P. Sokolovskii, P. C. Paramonova Vest AMN SSSR 17 no 10-89-92 '62

ARTHRITIS, RHEUMATOID

Comparative evaluation of the compound treatment of thousand polyarth itis with naphthalan and mastic in combination with bulndione. G.G.Akhadi. Azerbined. when 40 no 4,79-83 Ap '63.

Pheninography of the knee joint in patients with infectious nonspecific polyarthritis V, P, Pavlov Sov med 26 no 3:110-114 Mi 163.

ARTHROPODA see subdivision under Antarctic regions

ARTICHORES

Spectral study of phenolearboxylic acids of Cynara scotymus, L. I. Drank. Khim. princh. seed no acolymus L 303-303 176

Study of loads in a drying and stretching machine during stendy motion A.I. Tatasenko, V. P. Setdiuk Izv vys. ucheb zav , tekh, leg prom. no. 5 183-161 '66

ARTIFICIAL INSEMINATION

Efficient planning of actificial insemination stations. G.S. Galvoronskii, V.A. Pasochnik, Veterinariis 43 no. 12,73-76 D '66.

Insemination dates for cowe after delivery. D.D. Logvinov. Veterinalita 13 no. 12:71-73 D +66.

60th anniver sary of the first monograph on the artificial insemination of mammals A. P. Studentsov, O. N. Preobrazhenskii – Vetermaria, 13. no. 1420. Ja. ¹67

ARTIFICIAL ISLANDS

Culculating the general stability and the strongth of a support block of a maxime selved base taking hito consideration the axial cut ature of the tightly-tent R A. Gadzhiev. Azerb, neft bhoz 41-in Mr. 163.

ARTIFICIAL ISLANDS-FOUNDATIONS see subdivision under Casplan Sea

ARCIFICIAL RIDNEY

Data for the study of the artificial kidney apparatus produced by the 'schniffe Research' specificantal surgical Apparatus and Instruments - M.G. Amarky are others. Player (Fin formest - 8 no 6 sti-3) N-D [63]

ARTIFICIAL LIMBS

To the children L. Vostabornikova Sots obesp. 11 no 12 10-12 D 166

ARTIFICIAL PNEUMOPERITONEUM see Pneumoper Roneum, Artifichil

ARTIFICIAL SATELLITIES

"Moinfig-1" transmits pictures of earth from outer space A I Burtsev and others. Meteor i gids of no 12:3-9

ARTIFICIAL SATE LLITES-CATALOGS

[Catalog of data on rockets and satellites of the World Data Center B1] Kat. dan. po 1 ak. i sput. Jan. -June 1966, publ. Ag '66.

ARTIFICIAL SATELLITES -SCIENTIFIC APPLICATIONS

Asymptotic shape of trail of fast-moving body in carefied plasma N I Budko, Geomag i aut 6 no 6 100ft-1012 N-D 466

Effects of outer sources of magnetic field at altitudes of P2 layer Part I. Sh. Sh Bolginov and others Georing race. 6 no 5 569-982 N-D 556.

ARTISANS see subdivision under Khiva Oasis

ARTISTS see subdivision under Leningrad

ARTSEULOV, KONSTANTIN KONSTANTINOVICII, 1891-Holf century of victory over the apin V Pyshnov Kryl test 17 no 9:16 5 '66

ARYS' VALILY—GAS, NATURAL—GEOLOGY Local structures in the region of the lower reaches of the Arys River and their off and gas potentials. N IA Kunin-B, A, Veitsman Liv AN Kazakh SSR Ser gool nank no 648-29 [63].

ARYS' VALLEY-PETROLEUM GEOLOGY

Local structures in the region of the lower reaches of the Arys River and their oil and gas potentials NIA Lumm. B. A. Veitsman Izv. AN Ka. akh SSR Ser gool mark no. 6:18-29 '63

ARZNI (ARMENIA)-STONE INDUSTRY-MANAGEMENT

We are working in a new way. A. Mutiunion, 5 haza-rian Prom. Arm 9 no 10 29-10 '66

ASBEST OS

Nature of low-temperature water in chrysotile ashestas. L. V Rozhkova, G. A. Gorhatov, M. V. Soboleva Min syr'e no. 12 119-125 156.

ASBESTOS-CEMENT PIPE acc Pipe, Asbestoscoment

ASBESTOS PRODUCTS

Results of the expansion of the industry of ambestos technical goods during the last four years. D.1.Zak Nauch, Free, 21 no.511-2 Je 162.

ASCARIOS AND ASCARIASIS

(see also subdivision under Donetsk Province; Tajikistan)

Purther study of chemotherapoutic action on Ascaris suum Luvne during their migratory stage S. A Rabino-vich Med puraz i paraz bol 32 no 2:152-159 Mr-Ар '63-

Pathogenesis of lesions of the nervous system in asceriasts. F.F. Talyzin, M.V. Dalin Med paraz. I paraz. bol. 31 no \$4551-558 S-O '62

ASCORDIC ACID

Dynamics of the carolene and the ascorbic acid contents of the promising for age plants of the wild flour of the Caucagus introduced in Klev V. A. Nechitailo, E. V. Teplitskain, S. S. Kaarkevich, Rast. 1 es. 2 no 4:494-504 '66

liffect of hypovitaminosis C on the course of experimental intestinal infections in monkeys Z.K. Stasilevich Bind eksp biol i med 55 no 6:52-55 fe '63.

ASH (TECHNOLOGY) -- ANALYSIS see sulx([vision

Some dita on the ecology of the symanthrophis flics of Ash what and its vicinity N.F. Zakharova Med pattern participal 31 no 5 603-607 S.O. 62

ASHKHABAD....IONOSPHERE

Characteristic of the none, phero or a Ashlach ad in Takin r. 1960. W. M. Erones, Z. & Chimo, a. M. B. Stephonya, Ez. A. (1978) S. R. ver fr. (1984), Januar geol mank no. 2 100-103. [6]

ASHKHABAD-IONOSPHERIC RADIO WAVE ABSORPTION

Radio gave al sorption during the solar eclipse of Tebruary 15, 1961 as observed at Ashkhabad D Alla-berdger, M. Shirmamedov 12v AN Turk SSR Ser tiz -tekh , khim i geol nauk no 6 112-113 162

ASHKHABAD---IONOSPHERIC RESEARCH

State of the compenser over Ashthal of in July-December 1960. M. Berkelter, M. D. Pugdanova, M. R. Steparova, Izv. W. Turk, SSR. Ser. fiz. -tekh., khim. i geol. nauk no 4 21-2P '62

ASHKHABAD-STATISTICS, VITAL

The structure of the repulsition of Vshihabed in relation to its age and see, G. Bildinatowa. Izv. VN Turl. 58R. Ser. ob ibche do nink no 4,32-56 '66.

ASIA---BIB LIOGR APHY

[New Sovict and foreign literature on the countries of Asia and Africa] Nov sov i lnostr, lit, po stran Az,i Afr no 12 '66,

ASIA-BOTANY

Asia as a source of species H I Vavilov Hast ICS 2 no 4 577-580 '66

Recent cartographic materials on Asian and African countries. T. N. McPhilosa. Mat. Old mat. geog. 1 Fart. Geog. cb-1a SSSR no. 2-98-104-162.

ASIA--PETROLEUM GEOLOGY

V A Objushes and the problem of the formation and oil Fotential of troughs in Central and Middle Asia | Izv AN Kazakh SSR, Ser gool nauk no 6 7-9 '63

ASIA-POLITICS

Contacteristics of the present-day national liberation movement in Asia and Africa Mich Murato. Trudy LPI no 261:103-112 (66

ASIA-WATER, UNDERGROUND

Underground raters in the countries of Asia and the Par Last and problems of their utilization A A Konoplian-tser Rozviolin redu 29 no 3:58-62 Mr. '63.

ASIA, CENTRAL-INTESTINES-DISEASES

ASIA, CENTRAL—INTESTRINES—DISEASES
BAhhadyroy, K.B., Clinical significance of enzymatic
indices of the intestine in some of its diseases. Kitnicheskoe znachenie fermentnykh pokazatelei kishechnika pi inekotorykh ego zabolevanlinkh. Pod red,
E.I.Atakhanova. Tushkent, Meditsina, 1966. 188 p. (DNLM)

ASIA, SOUTHEASTERN-ETHNOLOGY

A'cademila nauk SSSR, Institut einografii, [Peoples of Soufficastern Asia] Narody Iligo-Vostochnol Azii, Pod 1ed. A.A. Gubera i dr. 200, vv, Nauka, 1966, 761 p. (Narody mira' Etnograficheskie ocherki)

ASIA, SOUTHEASTERN-SOIL FORMATION

Characteristics of some types of soil formation in mountain tropical regions of southeastern Asia. S. V Zonn. Trudy Up thuzh tar 14 Selkhoz nauki no. 13-26 66

ASIA, SOVIET CENTRAL see Soviet Central Asia

ASIATIC CHOLERA see Cholera, Asiatic

ASPARAGINASES

Catalytic activity of asparaginase in solution and in the adsorbed state. A I4. Nikolaev. Biokhimita 27 no. 5:843-848 S-O 162.

Synthesis of DL-asparagine suitable for the production of N¹⁵ and C¹⁴-labeled asparagine. M I, Lerman, S, R, Mardashev. Biokhimita 27 no 5:904-906 S-O 162

ASPARTIC ACID

Effect of \$\textit{\textit{\textit{H}}}-methylaspartic acid on the formation of urea in liver homogenates. I.S. Severina. Blokhimila 27 no. 5.943-948 S-O 162.

ASPARTIC TRANSAMINASE

Filect of various coorzyme forms on the quaternary struc-ture of succinylized aspartic transminase, O. L. Polia-novskii, V. IA, Pikhelgas Dokt, AN SSSR 171 no. 5 1221-1223 D '66,

ASPERGILLUS

Respiration of mutants from the germs Aspergillus grown under the influence of ultraviolet rays R. N. Grcbeshova Mikrobiologita 31 no. 5838-843 5-O '62,

ASPERGILLUS-CULTURES AND CULTURE MEDIA

Alanine debydr ogenase in Aspergillus mger A 5 Den V I 141 orleva, V. L. Kretovich Mikrobiologila 35 no 5 767-772 S-O 166

Glucimy luses in Aspergilli A Voitkova-Lepshikova, Kotskova-Kratobledlovi Mikrobiologija 35 no 5 773-770 5-0 '66

Variability of Aspengillus mger induced by combined cheet of this kindralic and ultravioletrays. V. V. Instructskin, L. V. Kururina. Mikrobiologica 35 no 5 d12-816. S-O. 466

ASPHALT

Asphalt muser with positive misling. V. 1. Mikhailov, Stroi i dor mash. 8 no 6 14-16 Je '63,

ASPHALT—PURIFICATION

Adsorptive and selective purification of high-viscosity companents of sephalt, F.G Khakimov and others blim i tekh topt. I masel II no 12:24-27 D '06,

ASPHALT CONCRETE—TESTING
Heating time of asphalt cenerate specimens before testing IA V Finaler Act doi: 29 no 10:19-20 N '00

Investigating structure formation of warm asphalt concrete by means of ultrasonies III N Pitetskii het dor 20 no 12 9-10 D 166

Water primeability of asphalt concrete. L. B. Gerents-vein, D I Gegehla Net dor 29 no 11 20 N 466

ASPHALTENES

I of mation of asphalients in oil far and cracking residue | len heating carbon dioxide in the atmosphere V.A. | Gaibalmskii, S.R. Seigienko Ir. ANTurk SSR Sei-| fir stekh , khum rigeol maik no 2 15-20 %1

ASPHYXIA

Clinical and morphological characteristics of acute cay-gen starvation MI Fedorov Zhan nevr. ipsikh 63 no 140-26 63

ASPHYXIATING AND POISONOUS GASES see Gases, Asphy viating and poisonous

ASSEMBLY-LINE METHODS

Automatic line of facing particle boards B P Terekhov, Der prom 15 no.12 18-20 D '66

Automatic rotary assembly line of bushes for bushed toller chains. Inform, blul VDNKH no 813 Ap. 462.

Establish proper conditions for high-speed production lines ($\Gamma_{\rm s}$ S Rangus (Stor in Filt Lett. 25, no. 5, 29-10 My $^{10.3}$

My 63

Garbauk, V. N. [Mechanization and automation of proceesses in the knit goods industry, textbook for students of the advanced training faculty] Mekhanizatsiia proteossov tikotashnogo proteodstva, uchebnoe posobbe dila slushatole fakulteta usover shenstvovaniia. Moskva, Legkala industriia, 1966. 65 p.

[Microffilm]

Gimmel'farb, IA., V.Sagimian, and V.IAkovlev [Large-panel apartment houses through high-speed continuous production methods] Krupnopanel'nye doma na skorostnom potoke Alma-Ata, "Kazakhstan," 1965. 54 p (Shkola peredovogo opyta)

Mechanized line for continuous fabric piceing and entiting in the manufacture of bags M. M. I lubyng kyl, 1A. S. Shykunov Leh, prom no 2:5-9 Ap-Jc '02.

Parametric series of the production lines in brownles, R. I. Berlin, Spirt prom, 28 no 5:11-17 '62.

Rotary-type automata line for the specting and stamping of motor valves. Inform, bull VINKH no 9 9-10 S '62.

Seminatormatic line for varnishing and drying furniture panels V M. Nodel'man, I M Mel'nyk, A I Khyzhan Lis hosp , lie., pap t der prom no 6 7-8 N-D 166

TSential'nyl Institut nauchno-tekhnicheskoi info matsii
pishchevol promyshlennosti Advanced work practices
in the Lugansk Bakery No 2 Peredovoi opyl raboty
Luganskogokhlebozavoda No 2 [By]I. M. Panasiuk 1 di
Moskva, 1065 10 p

[MICROFILM]

Vasil'ev, G.A. [Economic efficiency of automatic lines In machinery manufacturing] Ekonomicheskala effek-tivnost' avtomaticheskikh linii v mashinostroonii. Mo-skva, Mashinostroenie, 1960. 146 p.

ASTHMA

Changes in the exerction of free catechol amines with the urine in childs en during bronchial asthma under the effect of subcutaneous introduction of adrenalme and noradrenaline, D. V. Kolesov Trudy 1-go MMI 43 66-

ASTRAGALUS see Milk veich

ASTRAKHAN-FLOUR MILLS

Production of third-grade bailey groats at the Astrakhan Milling Combine. O Katsltadze Muk. -elev prom. 32 no 11.22 N '66.

ASTRAKHAN—SHIPYARDS

Readiness of the Astrakhan Kirov Shipyards for the transition to new working conditions. G Taktarov, Ryb, khor. 42 no. 11,71-73 '68

ASTRAKHAN PROVINCE-LIBRARIES AND READERS

Achievements and fadities. V, Sobolev, S, Shallney, Bibliotet at $(14\,$ no, $1.30{\pm}30^{\circ}$ Ja $(6\,L)$

Intermediate motion of bodies of variable mass in the celestial mechanics - T. B. Onru ox, IU. J. Ivanox, Vest AN Kazakh, SSR - 22, no. 10,52-64 - O. 766,

ASTRONAUTICS

Glory to the conquerors of outer space. Aritain no F 6-7 Ag 167

A great triumph; an information note of the Telegraph Agency of the U S S R. Agitator and 16 1 Ag $^{+60}$

New building achievement of the builders of communicate Agitator no 16-8-10 Ag '62

To the Communist Party and the peoples of the Souter to entire progressive mindred. An appeal of the Critical Committee or the CPSU. the President of the Supering Soviet or the US S R., and the Government of the Soviet Union Agricular no 16 3-5 Ag 365

ASTRONAUTS

Decrees of the Presiding of the Supreme Soviet of the U.S.R. Agitator no to 7 Ag. 162

Umanskii, S.P. [Equipment of an air pilot and astroniut]
Snarfazhenie letchika i kosmonavta. Moskva, Voentzeld,
1967. 191 p.

ASTRONOMICAL PHOTOGRAPHY

Preliminary results of studying photographs of Mars taken by Mariner-1, V. A. Bronshten — Astron Haut 13 no 6 1261-1266 N-D 166

ASTRONOMICAL PHOTOMETRY see Photometry, Vatrououricat

ASTRONOMY

Main astronomical phonomena in 1967. M. M. Dajace.

Priroda 55 no 12 109-112 166

Vorontsov-Vellaminov, B. A. [Advances in Social astronomis (1917-1967)] Uspekhi Sovetskoi astronomis (1917-1967) Moskva, Znanie, 1967 31 p. (Novoe v bleni, nauke, tekhnike | IX Serila: Fizika i astronomiti, no 1)

ASTRONOMY-CHARTS, DIAGRAMS, ETC.

Barkhalova, K.A., and V.V. Syrovol. Atlay diagrams isvel-votimost' vozdnyki skoplenii i asadalatati. Atlas of colour-magnitude diagrams for clusters and associations. Moskva, Astronomichoskii Sovet Akad, nauk SSSR, Pt. 2, 1963, tv.

[MICROPILM]

Star chart of the circumpolar zone of the northern hemisphere of the moon - V V Shovehenko, Townshincher zav , good i icrof - no 1,87-91-163

ASTRONOMY—PHILOSOPHY

The last antagonist of the heliocentric system in flushing and comments on his book 1 IA, Dopman | Uch zap Ped hist Gerts 260:115-120 h5

ASTRONOMY, SPHERICAL AND PRACTICAL

Determining time, longitude, latitude, and azimuling by the photoelectric method. Idan TSeen-inn I tang. Tseng-yang. Izv. vyst atheb zav., good I acroft no. 173-46-63

ATAROV, TIGRAN SEMENOVICII, 1802-

T.S. Ataiov, on his 70th birthday. Vost, derm., i ven, no. 12 70 162.

ATAXFA

Effect of curarelike preparations on the state of operek-moto analyzer in aphesia. N.A Kryshova, V V Aliakrinskii Zhur.nevi i psikh uh no 1º 1758-1763 (66

ATHEISM

(see also subdivision under Kara-Kalpak A.S.S.R.; Krasnodar; Latyla)

Attention of the tales of Saltykov-Dheho data N V Karpov Uch zap Kal gos ped inst. 43:56-85 '55

Busmanis, G. [Answerls to believers] Atbildes tickajiem. Riga, Liesma, 1996 190p. [in Latvian] Clubs and religious people. V. Illkov. Agilator 31

no 23-12-41 D (16).

For profound scientific development of present-day preliens of atherism A F. Okulov. Vop. manth, ateix, no. 4,7-41, '66.

Islam and "national traditions." E. Balramov. Agitator

31 no. 24:42-45 D '66. A lecture halt at home. N. Rozenberg. Agitator 34 no 23 15 D '66

no 25 io D 'ou
Man is born for the good, O. H'in, Doshk, vosp. 1)
no 12 i6-70 D 'i66.
"More scientific methods should be used in fighting
religion." I, Malakhova. Agitator 34 no. 1:63 Ja 'i57.
A "novice" of God. IU. I opasov. V mire knig 6 no. Il:

Stolen by the church, M. Neprlakhin, V mire knig 6 no. 11.8 N 66.

Subject of the theory of scientific atheism, N. A. Gerhachev. Vop. nauch. ateix. no. 168-87 168,

Those who were freed from the shackles of darkness, V. Chebulankina, Mol. komm. no. 3:75-77 Mr 161.

ATHLESM-BIBLIOGRAPHY see Bibliography-

ATHEISM-EDUCATION

(see also subdivision under Lithuania)

Searching for directive forms of athoratic work, Shihaahov Vop, nauch iter, no 1 131-199 166

ATLANTIC OCEAN-CARP

Distribution of sol carp in contheastern Atlantic in 1964-1965. I A Trunov Ryb khoz 42 no. 11 11-13

ATLANTIC OCCAN—FISHERIES

Fishing prospects for some bathypelague fishes in North Atlantic 4-7 166 F. M. Froianovskii Ryb kho 42 no. 11

ATLANTIC OCEAN-HERRING

Scanning of salt Manne her ring L. P. Minder, M. P. Sen mov. Trudy PINRO no 13 92-101 462

Technological characteristics of Me pocephalus grardi, V.F. Zhandarovi Ryb, khoz 12 no, 11 50-61 566

Weight and chemical composition of the Atlantic heiring L.P. Minder, U.N. 100mova - Frank PiNRO no 13 77-L P M 92 462

ATLANTIC OCEAN-MARINE SEDIMENTS

Telligenous-volcame minerals in recent additions of northern Atlantic II Ushurko Doki VN SSSR 171 no 2 461-464 N 466

ATLANTIC OCEAN-MARINE SEDIMEN IS-MAPS

Ground maps of northern part of Mantic Ocean M.V. Klenava, K.P Savelteva Shor at X razd prog MGG no 15 121-130 466.

ATLANTIC OCEAN-MINERALS

Terrigenous-volcante munerals in recent acdiments of northern Atlantic - II, Sharko - Dold AN SSSR 171 no. 2-461-464 N. 166

AT LANTIC OCEAN-OCEAN CURRENTS

Heat effect of cyclic currents and cold streams in Mantie Ocean, V.V. Shaled in Trudy Mon gidroffz anst, Vi URSR 37-43-58-466

ATLANTIC CCEAN—CCEAN TEMPERATURE

Heat effect of cyclic currents and cold streams in Atlantic Ocean, V. V. Smiehkm. Frudy Mor gidroits, 10st AN URSR 37 13-98 466

ATLANTIC OCEAN—OCEAN WAVES

Kashin, K. I. [Wave heights in the northern part of the Atlantic Ocean] Vysoty volu v severnoi chasti Atlanticheskogo okeana, Moskva, Nauka, 1966, 34 p. (Akademiin nauk SSSR. Mezhduvedonstvennyi geofizicheskii komitet. X razdel programmy MGG, Okeanologiia, Sbornik statet, no. 16)

ATLANTIC OCEAN-OCEANOGRAPHY

Characteristics of suspended matter in Atlantic Ocean M. V. Klenova, V. M. Lavrov, V. K. Nikolaeva. Shor at Xiazd prog. MGC no. 15 Ha-123, 466

ATLANTIC OCEAN—ORGANIC MATTER

Content of suspended organic matter in waters of tropi-cal Allantic and some quantitative relationships between its components. J. M. Sushchents, Z. Z. Pinenko, Okamologii: 5 no.5:835-848 '66

ATLANTIC OCEAN-SUBMARINE GEOLOGY

New data on goology of Milantic Ocean, M.V. Klenova, Shor at X rand prog. MGG, no. 15/112-117, 166,

ATLANTIC OCEAN-TUNA

First experimental voyage of tuns fishing base "Sol-ncelling I uch" to tropical Atlantic, V. G. 10 ov. Ryb Phoz. 43 no 1149-51 166.

ATMOSPHERE

(See also subdivision under Transcaucasia)
Alsorption of micro-radio waves in the air by water
vapor dimers. A.A. Viktorova, S.A. Zhevakin, Dokl.
AN SSSR 171 no. 5,061-1061 D 466

Free crygen and cathon dioxide in the outer spheres of the earth V I Vultison. Irv. vys uchch. rav. geol I razv. 6 no 6:3-9 Je 161

Interpretation of fluxes of outgoing radiation, IU.P. Doronin, I.V. Semenova. Trudy AANII 277 5-10 466.

Seasonal circulation and monthly weather forecasting. B. R. Urfeva. Trudy ISIP no 154:3-17 166

Spectral absorption of long-wave radiation in atmosphere, A.P. IU: genson. Trudy AANI 277,11-19 166

Statistical structure of some characteristics of atmospheric chronistion E.V. Altykis, I.A. Diubkin Trudy AANH 277-28-33 '06

Stream of slow neutrons in atmosphere. V. D. Sokolov, Geomag. 1 act. 6 no. 6:1107-1109 N-D 166.

Zonal circulation of the atmosphere M. Kh Baidal Trudy KasNIGMI no 3:31-36 '54

ATMOSPHERE-MICROBIOLOGY

Inertial traps for the microbiological studies of atmo-sphere. IU. P. Bockkov, A. I., Voronova, V. F. Dun skii. Sel'khoz, biol. 1 no. 6:924-928 '66.

ATMOSPHERE, UPPER

(see also subdivision under Black Sea region)

Hight of gravity separation level B.A Mirtov Geomby 1 acc 6 no. 6 1015-1018 N-11 (66

Study of neutral hydrogen, V. G. Kurt. Vest. AN SSSR 36 po. 12 33-30 D *60.

ATMOSPHERIC NUCLEATION

(see also subdivision under Antarctic regions)

Oriented crystallization (epitary) around isomorphic condensation nuclei G Miloshey Trudy GrO no 186 120-125 '66

Phloroglucinol-crystallizer of water drops of supercooled fog and cloudiness. V. V. Protrovich. Prudy GGO no 186 10-17 - 166

Role of capture coefficient in theory of coalescence growth of cloud droplets. It A Dougalink - Undy 660 no 186-113-119 - 66.

ATMOSPHERIC PRESSURE

(see also subdivision under Northern Hemisphere)

Definite effect of atmospheric prossure statuth inco-oca currents, 5-5-1 upo - Dold AN SSR 171 no 5 1088-1091 D 466

Dynamics of long waves and long-range weather for coasting BR Urieva Moteon i gidr of no 12 10-36. D 466

Relation between inclinations of the carth's surface and atmospheric pressure. N.N. Ionychev. 17v AN Turk SSR Ser fiz -tekh, Phine i geol mark no 5/20-25 /62.

ATMOSPHERIC PRESSURE—PHYSIOLOGICAL EFFECT

Characteristics of training athletes under lower atmospheric pressure conditions A. V. Sedov, A. N. Mazin, Teor, i prak, fiz. kult. 29 no. 11:12-45 N *66.

Pifect of the degree of myocardial hyperit oply in experi-mental heart defret on body resistance to altitude hypoxia III, M. Repin Biul eksp biol i med 55 no 5

ATMOSPHERIC TEMPERATURE

(See also subdivision under Black Sea region, Caucasus; Georgia; Indian Ocean; Kuybyshey Reservolt, Soviet Central Asia)

By what means equilibrium temperature gradient, different from adiabatic is created. O, A Drowdov. Meteor i gidrol no 12:27-30. D 166

Conjugation of 11,500 fields over To their Hemisphere and of temperature for consting over Soviet Union, Kh, Kh Rafailova, 71udy ISIP no 151 31-40 166.

Evaluation of time of 100 olution of instability. 1. M. Lapteva, Trady VGI no. 3:117-150 466,

For ecasting anomalies of mean our temperature for 5 dry period using synoptic -statistical method. M. N. I edulovic. Trudy 151P no 154-63-65, 466

[Handbook on the climate of the U.S.S.R.] Spravochnik po klimatu SSSR. Leningrad, Gidrometeologiat, No.3. [Karelian A.S.S.R., Leningrad, Novgorod, and Pakov Provinces] Karel'skaia ASSR, Leningradskaia, Novgorodskaia i Pskovskaia oblast

Pt.2. [Atmospheric and soil temperature] Temperatura vozdukha i pochvy, 1965. 342 p. No. 25. [Knabarovez Territory and Amur Province] Khabarovskii krai i Amurs, ala oblast', Pt. 2. [Atmospheric and soil temperature]

Temperatura vozdukha i pochvy, 1966, No. 27. (Kamchatka Province) Kamchatskaia 312 p. oblast.

Pi. 2. [Atmospheric and soil temperature]
Temperatura vozdukha i pochvy, 1966. 181 p.
No. 34. [Sakhalin Province] Sakhalinskala oblast'.
Pi. 2. [Atmospheric and soil temperature]
Temperatura vozdukha i pochvy, 1966. 201 p.

Inertia of air temperature of U.S.S.R. in different periods of solar activity. L.G. Borlsova, G.f. Turkenich Trudy ISIP no 154,23-33 466.

Method for forecasting anomalies of atmospheric temperature for 10-day per tod, A. L. Kata, V. I Knizzeva Trudy TSIP no 154 47-56 166.

Model of distribution of annual mean temperature in surface layer of earth's atmosphere, A.M Gusev Trudy Mor gidroff2 inst. AN URSR 37 59-62 '66.

Polytropic moperates of atmosphere, A. P. Negurnyi, Trudy AANH 277,99-107 '66.

Tendency toward twemy seven-day frequency in temperature field of troposphere. R.V. Smirnov Trudy Mor. gall offic, inst, AN URSR 37:163-168 '66.

ATMOSPHERIC TURBULENCE

Clear air imbulence 1. G Pchelko Meteor i gidi ol

Differt of cosmic source motion on frequency spectrum of amplitude and phase fluctuations in turbulent atmosphere G I Skrypnik izv vys ucheb zav , radiofiz 9 no. 6: 1086-1094 '66

Thetuations of arrival angle of light waves from extended source in turbulent atmosphere. M.A. Kallistratova. A.I. Kon Ev.vys.ucheb.zav., 1 adiofiz. 9 no 8 1100-1107 '66

ATOMIC ENERGY—CONGRESSES

Symposium on low-temperature plasma generators, B.A. Uriukov. Atom. energ. 21 no. 6:523-525 D 166.

Symposium on radioactive waste disposal into scas, occans, and surfact waters V M Vdovenko, L I Gedomov, P M, Chullov Atom energ 21 no s 527-528 D 166

ATOMIC MASS

Thermodynamic stability as a function of alomic mass, V i Semenchanko, I D Soblatov i Zhur, fr. klub. 40 no 11/2882-1886 N 466

ATOMIC NUCLEI set Nuclei, Atomic

ATOMIC POWER PLANTS

ATOMIC SPECTRA

Theory of sports of line videning V.V. IAkimots Zhui chep item (iz 51 no 5-1469-1475 N '66

ATOMIC THEORY

Byl'Po, N.D. [Physics] Fizika, Moskva, Vysskaia

tine] Elektricity Optics and atomic struc-tine] Elektrichesivo, Optika i strucnie atoma, Lid 2 1965, 316 p

Calculation of the internal diamagnetic field in atoms, V.S. Korotikov. Dokl.A.4 BSSR 6 no 6:363-365 Je 462

ATOMS-SCATTERING

Scattering of highly excited at gon atoms on hydrogen and production of Ar H* lons S. F. Kupi Hanov. Zhan ekspiteon fiz. 51 no 4 little 1013. O 166. Theory of reflection of atoms from solid surfaces, F.S. Parillis, N. III. Imac., Iz. MN SSSR, Ser. fiz., 30 no. 12 1963-1985. D 166.

State of the croos egulation in total atrophy of hypothalamic mucles V R Purm, IU, 1, Muchaidee, V S, Osipov Zhur meer i psikh 66 no 12 1769-1797 (66,

ATROPINE
Changes of the vision and ocular refraction in the process of near-accommodation parilysis in myopia,
S.G. Min adaltica, Akith, med. zhii, 10 no, 3 23-28

Pifect of atropinization on refraction in myopic children. N. 4 kazieva Mr. *63. Arcib med, zhur 40 no, 3:18-23

ATTAR OF ROSES

Analysis of alcohols of rose oil by means of gas chromatography. T. A Redol'h and others. Trudy VNHSNDV no. / 157-161 - 763.

Ion exchange neutralization of etherial attar of roses of higher acidity S D.Kustova, F I. Blekherova, Frady VNIISMDV no 7-129-131 465.

AUDIO-VISUAL EDUCATION her subdivision under United States

AUDIOMETRY

Universal attachment to an audiometer and ophthalmos-cope for the duter minution of visual and accustle thres-holds. V.V. Samanov and others. Zinn vya nervidelat 13 no 1:758-759 31-Ag '63

AUDITING AND INSPECTION (see also subdivision under Creehosloyakia; Kemerovo Province)

In the Board of Directors of the State Bank of the U.S S.R. Dun i kn (d. 24 no 12-9) D 166.

[Manual for a people's controller] Sprayochulk narodnogo konti olera, Izd. 2., Moskva, Politizdat, 1965. 327 p. (CaOTU) (MH) (MH-L)

Significance of economic analysis in the approximate solution of some problems in optimal planning F.F. Diderikha, Ekon, I and, metod 2 no. 6:808-822 N-D 186.

AUDITING AND INSPICTION-CONGRESSES

Public bureau of economic analysis under the new condi-tions. Bukhg, uchet no. 11:77-78 N 166.

AUDITORIUMS—DESIGN AND CONSTRUCTION

Determining conditions of visual range in all-purpose halfs of great capacity. I. Nazarenko. Arkhit. SSR no. 12 31-35 *66.

AUGER REFECT

Auger-mechanism of electron emission from semiconductors and dielectrics, E.I. Tolpygo, K.B. Tolpygo, M.K. Sheinkman, 12v. AN SSSR, Ser. fiz. 30 no. 12 1991-1995 D 466.

AUN SAN, 1916-1947

Mozheiko I.V. Aun San. Moskva, Molodala gvardila, 1965. 237 p. (Zhizn' zamechatel'nykh lludel. Serila, blografii, no. 6) (CaAEU)

AURANTRI

Ribitol-covaning territor acid from cell vall of ktinomy ces, producent or architotic aurantin I B Viumova, by Relocastiff Biokhimia 31 no 6 1276-1282 No.

AURORAS see subdivision under Arctic regions

Eliest or suiter at the corkability, mechanical money tr's and callesistane of austemite cholonoum-tranganese steel A,V Kart, sho. Trudy LIVT no 82

AUSTRIA --- POPULAR FRONTS

Coor elation between the Austrian Communists and Social Democrats on the two of the Secunit Congress of the Communist International V.V. Pustoharov, Willist, 2hu. 10 no. 11 39-65 N '66

AUSTRIA-SOCIALIST PARTY

A congress or Austrian Socialists - Frvin Zucker-Schilling - Nov. vicim - 25 no 3 24 1 467

AUTHORSHIP

In oblems or the virter's skill in the light of the question of interrelation between literature and the time arts Manaev ('ch zap Kal gos ped inst 43 113-

AUTOC LAVES

Locking of beyonet joints or sutoclaves with exhaust de-ices I IA coleb Shor trud ROSVIIVs no 24 40-49 '62

Reinforced concrete roofs for steam chambers. Transp. stiol II no 12 53 D (61,

AUTOCLAVES-DESIGN AND CONSTRUCTION

Practice in assembly and crection of digestors | P. Kovalenko Mont i spets rab v stroi, 28 no 12 5-8 D 166

AUTOMMUNE DISEASES

Clinical hematological characteristics of the autommune s, n frome in atheroscierosis A, A Krylov, F, A, Gordienko Sav med 29 no 12 72-76 D '66

AUTOMATIC CONTROL

Accumulation of perturbations in linear systems with piccewise continuous actions. G.P. Sachrov. Axiom i telem no 11 83-91 166,

Action of noise on an ideal relay with delayed feedback M. G. Kalachev. A M. Petrovskii. Aviom i telem, ro. 11 64-71 166.

Akademila nauk Gruzinskol SSR Institut kibernetiki.
Problems in the analysis of operations Voprosy issledovanita operatsit. Tbilisi, Metsmercha, 1886 117 p.

Alcksandrovskii, N.M. [Elements of the theory of optimal automatic control systems] Elementy teorii optimal'nykh sistem avtomaticheskogo upi avlenita, Red. R.E. Kuzin, Moskva, Mosk, energ. in-t, 1965. 118 p. [MICROF1_M]

Analyzing a system of automatic level control when designing technological apparatus for petroleum refining. M. J. Abbasov. Azerb, neft, khoz 42 no. 5,37-40 My

Apparatus for the automatic control of the speed system of a tractor engine and mechanical calculations of its operation, P.E. Aksarın, Zap. LSKHI 96:129-136 65.

Approach to the study of stability of motion V.V. Pavlov. O S.IAcovlev Automatyka II no 6 76-78 '66. O S. Indoviev Automatyka II no 6 75-78 '05, hepp oximate deter mination of the periodicity of regulated control actions in large automatic control systems O V Golovanov, S. G. Piggot Izv.vys ucheb zav elektromekh 2 no 10;1155-1157 '66

Approximation study of systems with variable structure and high-frequency vibration noise error in the signal, 5.X Zhii'iso., Avtom i telem, no. 11; 72-82 168, Automatic control and regulation of moisture in sintering charges V, S, Bezinskii and others Stal' 26 no 12 1086-1087 D '65

Automatic control of the search for the coordinates of identical image points P.P Zakharov. Izv vys. ucheb. zav .geod.iacrof no 3:135-138 '62

Automatic control of composition of protective atmosphere, A. A. Zhdanov, Gaz. prom. 11 no. 11:42-45 '66,

Automatic control of photogrammetric processes A.S Troftmov 12: vvs ucheb zav., geod i aerof, no 1:135-137 463

Automatic control of the pH medium in the production of rubber with the use of rosin and fatty acid emulsifiers. D.S.Glagolev and others Kauch thez. 21 no.6:15-

Automatic control system permitting the regulation of output parameters on the basis of results of indirect measurements. V IU Rolina. Aviom I telem. no. 12: 16-28 166.

Automatic line with programmed control of the adjustment of the "Ukr NIMOD-3" machines G.N Kossovskii. IU.1. Etimenko, M. P. Strizhevskii Bum. I der prom. no. 3:3-7 J1-S '62,

Automatic measurement of delay in distributed systems with noise. V. P. Zhivogindov, V. Kh. Kaipov. Avtometriia no 5-37-48 '86,

Automatic naultipurpose AShchk milling machine. E D. Vol'der Leh prom, no 2 19-20 Ap-Ja Automatic regulation of axial force for the feed of telescope 10c4 drills V 3 Trepulos and others. Gorahu no 12 46-17. D 46

Automating the work of friction presses for the manufacture of ceramic products, 1,8 Gulak Stek riker 23 no 12 29-30 D 160

Automation or dissel power plants on transport vessels of the German Pederal Republic Sudostroniue 18 no. 11 31-33 166.

Automation of slip hoists with asynchronous drive, V LIAntsen Gor thur no 11 58-60 N 166

Information of the runping of vater for cotton in lightion V.V. Mazar. Nauch tridy U. NHMF no 5:43-47 150.

Benzol alkylation column with ethylene-propylene as an object of automatic control () O Snigur

Berdichevskii, B.E. [Evaluation of the reliability of automatic control equipment, methods for evaluating reliability during development] Otsenka nadezhnosti apparatury avtomatiki, metody otsenki nadezhnosti v protsesse i aza abotki. Moskva, Mashinosti oenie, 1966. 275 n.

Calculating the speed of sliding of actuator mechanisms and designing a chucking device for punching presservith programmed control, A. N. Priumtsev [Nauch trudy] FNIKM ASSA no. 14 20-30 466.

Changes in the amplitude-phase characteristics of the control system of steam turbines in case of the disturbrace of dynamic autonomy criteria. L.I. Kiriller, Toploenergetil a 8 no. 2 14-20 F '61

Characteristics of working up initial statistical data on the reliability of a ship's means of automation and electic equipment, S. V. Popov, IU. V. Svetlikov LIVT no. 2 28-39 '65

Chemical prophylaxis of coccidiosis in calves by the use of blantycin prepriations: VR Golzem, Vetermarila 43 no. 11 52-51 N 166,

Concerning V. M. Ginzburg's remarks on V. A. Trapezni-kov's article "Automatic control and economics " I I Levitin. Avtom. 1 telem no 12.1/4 166.

Construction of the algorithm of a self-organizing system of measuring instruments. A. V. Vershinskir. Aviometria no. 1,22-26 166

Contactiess signal indicator of the position of coke ovens, IU F Bolesto, V.I. Griacia, IU. K Vasiliev, Kaks I khim, no. 10 55-56 466

Contribution to the theory of segment point transformation, D V Gaushus Aviom, Lietem, no 12,5-15 166 Controllability region and correct formulation of optimi-

zation problem I P Lytkin Izv vys ucheb zav radiotiz 9 no 6-1222-1226 666 Determination of the dynamic characteristics of some nonlinea: automatic control plants L. I. Voronova,

Automatyka 11 no 6 23-30 '66,

Determination of the time constant of nonlinear control objects B O. Aleftev Aviomatyka II no 6 18-22 166

Dimensional series of basic parameters and design of a range of piercing presses with programmed control, A.N. Iziumtsev, V. V. Kovalev, [Nauch, trudy] ENIKMASha no. 14 79-90 '66

Dynamics of a preumatic servovatve, M. M. Gokhberg, Izv vys. ucheb zav., gor zhin. 6 no 5:174-183 '63. Dynamics of a two-channel ferrodynamic autocompensa-tor P. P. Kerneshis, G. M. (Asmeylchene, Aytometrika no 5 64-70 'G6,

Equations of stochastic control, J. A. Boguslavskil, Avtom i telem. no. 11:9-18 66.

Evaluation of the parameters of stationary regulated plants in an identification problem. R V. Borisova, G.M Blanov Avtom, i telem. no. 11,39-15 '66.

Extension of L. S. Pontriagin's maximum principle to discrete systems. Avtom, i telem, no. 11:18-51 '66,

Extreme regulation in the automation of evaporating apparatus and plants R IA Ladiev Khim prom [Ukr. | no 3 45-48 JI-S 162

Field tests of the open-loop part of a system for controlling a plant for continuous cocking of massecute. L. Z. Amiins'tyl, V. I. Neskhodovs'kyl, Avtomatyka 11 no 8 46-52 '66.

Formulation of a problem of synthesis of a control system for fatigue tests. 1, D. Hits, V H. Tatsıy Avtomatyka 11 no 6:12-17 '66,

Improving the automatic control system in commercial anmonia refi igera us plants with a capacity of 10,000 kilocalories per hour. E. I Andrachukov, L. G. Kaplan, B. T. Letner Khol tekh 39 no 341-44 My-Je '62

Indeterminate predictive systems, O.H. Ivakhnenko, Avtomotyka 11 no 6 31-31 *88.

Avtomatyka 11 no 6 31-31 '165.

Indicator of the position of ingots on roller tables. IA, I, Olkhen, E. L. Bogomol'mata Stal' 26 no 12 112 i-1125 D '165

Battut avtomatiki i itelemekkaniki (lekhnicheskoi kiberneiiki). Problems of ongineering cybernetics | Voprosy lekhnicheskoi kibernetiki Moskva, Nauka, 1966 133 p

Isettut elektromekhaniki, | Ejectric drives and control systems | Ejektroprived | sistemy upravlentia, Moskva, Nauka, 1966, 235 p.

inverse method for structural synthesis of automotic Control systems of nonlinear plants. L., M. Horchul Astomatyka II no 6 7-11 466

Kalkovnik, V.IA., and R.A. Polucklov. [Multidimen sional sampled-data control systems] Minggomerny (Multi-Humana diskretnye sistemy upravlenija Moskva, Nauka, 1946 416 p. (Teoreticheskie osnovy tekhnichesko) kilieruchkaj

Kuntsevich, V.M. [Adaptive sampled-data and optimal-lzing control systems] Impulance samonast ababi-shchlesia i ckstromallays sistemy automatiches opoupravlentia, Kiev, [Tel.hnika] 1966, 281 p.

MARS-200R automatic control appearatus — Prem, energy, 16 no. 163 Jr. [61,

Method for determining statistical characteristics of the phase continuous of the monation (the control system of 10.8 Meksandrov M.N. Kovahelf, A.V. Sorokin, Wtom 1 telem no, 19 17-57 966,

Method for determining the dynamic characteristic of complex plants, S. V. I porov. Avious 1 telem. 19, 19, 37-46, 660.

Method for determining the dynamic parameters of the so-systems using the oscillegrams of transferd process. Nguen Tshuk Lean - Avion Titelesis, no 1961-10 200

Method for studying gelf-ogelilation; of automatic control Aytom, i telem no, 11 154systems, A K Popov 157 66.

Accessive technological conditions for extral Intercent zation and automatic control in victed and batch production V M Shestopal, I N Dolchend II In protzy no 12 I+ 11 66

Numerical methods for finding optimum controls and their use in solving nonlinear boundary value problem: I V Belko - Vych mat [Kiev] no 2 195-201 466

Olemboy, V.A., and O.N.Thhonov. [Automatic control of technological processes in ore dressing.] Action the cheskoe upraviente technologic heakind protesses in it vologatitel not promysidemosti. Leningrad, Nedra, 1966 355 р.

Optimal realization of given static modes or linear con trol systems - Zh B Idalovskil - 120 253 uclseb 26, clektromekh - 9 no 104115 1120 366

Optimal two-channel filter with finite menory, Lipstov. Avion i telem no. 11-158-160 hb.

Optimization of processes with random structure. Hr. M. Volin, G. M. Ostrovskii. Aviom. 1 tolem., no. 12.2 c. 36 466,

Osis, J., ed. [Automatic regulation and control, laboratory work] Automatiska tegulerana un vaciliar laboratorillas darbi. [By] T. Grivins un citi. Riga, Zvaigzue. Pt.1, 1966. 116 p. [In Latvian]

Overall automation of riverenate K. Naldenlo. Reclations 21 no 7/2/21 H/6/
Pipeline as a link in the system of automation control R. M. Reidman. Shor, it ad the NRID no, 7/140-115/3/6.
Planning general automatic control of oil fields, S. G. Markarov Neff, khoz 41 no 9/14-10/3/4/4.

Plotting of a mathematical model of object on our cut information with automatic selection of structure. Skripn, t'B Bukhanovskii, Khim, prom Ukr., no 634-38 N-D '66.

Pasumatic valves of the automatic control system of the AVS semiaatomatic unit. M.4. Pet) o duk G. A. Pidar skii - Izy vys ucheb zav., tekh leg prom - no filli 116 166

Problem of synthesis of time optimal control for dis actsystems. A. L. Moroz Avtom, i telem, no. 11 12-03 168

Problems concerning the electronic control of water pumping operations, I.V. Trubel ikov, Prom. cm 14, 16 no. 1:50-50 Ja '61.

Problems of statistical optimization of a linear control system with many inputs and outputs: V. B. Heorgic vs. kyi, V. N. Stepanenko. Avtomatyka 11 no 6 7°-75 Mb

Problems of synthesis of one class of optimal neutries: filters. O.N. Kiselev, III. S. Popkov. Avion, 1 telem no. 11,20-38 '66,

Programmed control of the process of heating paper stock in hollanders N. M. JAnishevskii, Bum t der prom no. 3:10-14 Ji-6 '02

Programmed system of inductive paream e a equiation in hydraulic systems. A. E. Tereshchenko, Ruz. - shtam, proizv. 8 no. 19-28-30 D 466.

Prospects and conditions for the application of control machinery for the automation of unit system instills tions, V.D. Mironov, N.N. Lenov, N.V. Pautin. Teploenergetika 8 no. 2:3-8 F '61.

Quality and accoracy of automatic control systems of mire hoisting machinery with asynchronous motors 1', IA. Ivanchenko, A.V. Kotliarova, Izv vya. ucheb, zav "gor zhur. 6 no. 5,104-106 163,

Remarks on V. A. Trapoznikov's articles "Automatic control and economics," V. M. Ginzburg. Avton. I telem. no. 12:152-153 '66.

Remote automatic control of the drive of the ship!a generator, V N Antonov, M D Izal Sudostructor 56 no. 11 27-31 166.

Reply to V, M, Gluzburg's remarks on the milete "Automatic control and occumules," V, A, Trapazaikor.
Aviom, I telem. no. 12;155 166.

Results of industrial testing of an automotically controlled furnace for monositizing motal in atting. V. A. Batashov, V. A. Bogomniov, S. P. Panin. 12v. vys. urfcb zav "chern, met. 9 no. 12:166-150 108.

AUTOMATIC CONTROL (Continued)

Rzkevskii, V.V. [Technology, mechanization and automa-lion of open-pit mining operations] Tekhnologita, mekhanizatsiat a kulomatizatsia protessov olkuytykh gornykh razrabotok, Moskva, Nedra, 1986, 653 p

Selecting automatic control system for steam power units on ships E A Papernyi, LL End Dehtern Trudy Kaltekh inst.r.l prom 15 72-78 462

Single-stage systems absolutely stable in the Hurwitzian angle, N.M. Trukhan Avtom i telem no 11:5-1 166

Smantser, A. 1. [Overall automation of the power plants of iter steamboats] Kompleksnafa avtomatizatsiin sllovykh ustanovek technykh parokhodov Moskva, Transport, 1986, 141 p

Solution of M. Pelegien's problem for systems with an unstable given part. M. G. Zotov. Autom i telem no 11:24-28 166

Some algorithms of optimum control - A. I Berczowskii Vich mat (Kiev) no 2 161-165 166

Stability criterion of discrete systems. I see Avion I telem, no 12 58-66 566. E. N. Ro enva-

Stability of the system of self-adjustment of weaving are surfacing. I R. Palskovich. Autom, syar. 19 no. 1243-47 N [1 c D] 66.

Structural redundancy of a block of measuring converters in automatic control systems. V. G. Spirosylet. Autometrica. no. 5 13-21 766

Structural synthesis of composite control systems for nonlinear plants V V. Astrov, I P Smaley Avtumatyka II no 6 3-6 '66

Study of operator state alguals. A.N. Lukhanov, M.V. Frolov Astometrika no. 3 101-111 '66

Studying the characteristics of the numbers of failures of the ship's means of automation and electric equipment, IU.A. Svetlikov, Trudy LIVI no 82 40-46 465

Universal nonlinear functional converter using a c Universal nonlinear functional converter using a c S.R. Raikhman. Automatyka II no 6.79-63 'b6.
Using the method of mathematic modeling in investigating the dynamics of combined case of econocid automatic-control system of an amospheric tubular furnace. I F ibr aginov, A.G. Abilov. Za tekh, prog. 8 no 12 11-14 D 'b6.

AUTOMATIC CONTROL-CONGRESSES

International conference on problems of electrical measurements of nonelectrical values and automatic eventrol held in Karl-Mary-Stadt A M. Melk-Shakhnazarov. Avtometrika no. 3 131-132 166.

Second Scientific and Technical Conference on Automatic Control A I. Fgorov, V. P. Zhivogli dov Avtom. i teleni, no.12 156-158 '66.

Symposium on neurocybernettes held in Dubno, Kibernetika no 6 99-101 N-D '66

Tuenty-first International Seminar "Utema-66." Autom. i telem no. 11 179-180 466.

AUTOMATIC CONTROL—PERIODICALS

Centents of the magazine "Kibernetika" for 1966 Kibernetika no. 6 102-103 N-D 166

AUTOMATIC MACHINERY see Machinery, Automatic

AUTOMATIC PILOT (SHIPS)

Integral characteristics of the dynamic course-keeping stability of a ship steered by an automatic pilot. A M Basin, IU F. Ivaniuta. Prudy LIVT no 81 5-20 465.

AUTOMATIC TIMERS

Telemetering pumping unit operating time during intermittent exploitation. S.A. Alekhin, S.O. Kipnis Mash. Luaft.obox. no. 9:31-33 '66,

AUTOMATION

Automatic control of the acidity of circulating walet, A. A. Grinevich, V. B. Karlinskii, A. S. Kurlmenko Koks i khim, no. 12;37-38 106

Automatic line for processing central doors of closets. A. I. Kipnis. Bum. i der prom. no. 3,7-10 J1-8 '62,

Automating speed control of train shunting on sorting bumps N. M. Fonurev and others Zhel, dur, transp humps N.M. Fonarev m 48 no. 10:33-35 O '66.

Conference on the automation of the production of syn thetic tubber and synthetic alcohol. G. A. Markovich. hauch, i 102. 21 no. 6:59 Je 162.

Determining chamber length during coal mining with KG-type cutter-loaders. R.C. Dialimskii Ugoli 41 no. 12:31-34 D 166.

[Fundamentals of the mechanization and automation of production processes Razosanas procesu mehanizacijas un automatizacijas pamati. [By] K. Mucenieles un citi, Riga, Liesma, 1996. 163 p. [In Latvian]

Now automatic ticket-printing machine with change return. Zhel. doz.transp. 48 no ll 81-82 N 166.

Paupa, V. [Economic efficiency of mechanization and automation in the machinery industry of the Latvian S.S.R.] Mehanizacijas un automatizacijas ekonomiska efektivitate Latvijas PSR masinbuve. Riga, Zinatne, 1966. 55 p. [In Latvian]

Rodionov, A.1. [Automation of navigation] Avtomatizatsita sudovozh (Eurin Moskya, Transport, 1986, 98 p. (Kursy usovershenstvovanita plavsostava MMF)

Scientific session on automated stoping units and equip-ment compleses, R V Buttevich Ugolf 41 no 12 67

AUTOMATION-EXHIBITIONS

Exhibit of mechanization at Lautimation of engineering and administrative work V I Bushney. Zhel dorthansp. 18 no li 77-81 N 166

I vibition "Interorgickhnika-66" V Aleksandrov Zhil stroj no 12:25-26 46 Interorgickhnika-66 O A Lukinskir Stroj ranklut Uzb 7 no It il-12 N '96

AUTOMATION-SOCIAL ASPECTS

Is the proletariat canishing, M. Gauzner. Nov. viem 25 no 3:5-7 Ja 167.

AUTOMOBILE INDUSTRY see subdivision under Tol'yalti (Kuybyshev Province)

AUTOMOBILE INDUSTRY-ACCOUNTING

Some problems in the faither de elopinent of internal business accounting. M.V. Konkin. Uch zap Kal-no (Fon Vys part whkoly no 171-79 16)

AUTOMOBILE INDUSTRY-MANAGEMENT see subdivision under Mogilev

AUTOMOBILE INDUSTRY-PRODUCTION STANDARDS

There is need for an efficient system of development and introduction of work norms P. Katau fovich. Sots, find H no 12:107-H D '66 P. Katsura, B. IUsu-

AUTOMOBILE INDUSTRY-SAFETY MEASURES see

AUTOMOBILE INDUSTRY WORKERS-EDUCATION AND TRAINING see subdivision under Gorkly

AUTOMOBILES-ENGINES

Mylernizing the engine cooling system of the "Volga" automobile. 10 Morozov, M. Korzhov. Avt. transp., 11 no. 12:14-15. D. 166.

AUTOMOBILES -- MAINTENANCE AND REPAIR

Zaporiz'kył avtomobil'nyi ravod "Komunar." [The ZAZ-966 V "Zaporozhets" modeli ZAZ-966 V, tuko-vodstvo po ekspluatati. Izd. 1. Dnepropetrovsk, Promin', 1966, 208 p.

AUTOMOBILES-TIRES

Wenting down of automobile tires in relation to slope of read along tendbed, comparison of varying types of highways S.B. Nikitin, 12v, vys, ucheb. zav., strol, i arkhit, 9 no. 9:107-112 '66.

AUTOMOTIVE TRANSPORTATION see Transportation, Automotive

AUTONOMIC DRUGS

Experience in the use of neuroleptic substances in chronic

reprience in the use of neurosceptic substances in the use of neurosceptic substances in the nonce progressive choice if first highest schores). Zhur nevr 1 psikh 63 no 1.06-102 '63 cpet invental clinical study of the effect of some ganglion blocking and vegetative preparations on the dynamics of eye refraction. If Kh. Mussbellit, K. A. Adigezalova-Polchaeva. Azerb med zhur no 3;11-16 Mr '62

Factor of phases and per iodicity in the course of psychoses during therapy with neuroloptics, 5,G.Zhislin, Zhur nevr ; psikh, 63 no 1:66-71 '63

Treatment of schizophrenia with neuroleptic "waves" G.I.Zal'taman, G.N Lenskii, V.E.Vetsner. Zhu . nevi i psikh, 63 no.1:108-111 '63.

AUTONOMIC NERVOUS SYSTEM see Nervous system, Autonomic

AUTORADIOGRAPHY

Autoradiographic method for the determination of specific hadioactivity of soluble tissue proteins. R.V. Chagovets, A. A. Dusheilo. Lab.delo no.146 '67

Autoradiographic study of mitotic cycle in normal fibroblast culture of mice. 1, V Erotecva TSit 8 no 5:606-615 S-O 166 TSitologlia

Methodology for the excision of a portion of the myocardium in a determined phase of the cardiac cycle for subsequent biohistochemical and autoradiographic exum-ination. A.N. Medelianovskii rand others. Fiziol, thur 48 no. 10:1277-1279 O '62.

AVACHA VALLEY-GEOLOGY, STRUCTURAL

Recent tectories in the basins of the Avacta. Gavanka-and Nalacheva Rivers. S. E. Aprelkov Vop geog Kameh no 3:75-81 '65

AVALANCHES

(see also subdivision under Augren Valley; Kamchatka; Tien Shan; Transcaucasia)

Calculation of stability of snow cover on slopes and deter-mination of speed of moving snow avalanches IU D Moskelev Trudy Speed 'Az nBuch -issl gidromete or inst no 27;142-150 '66

Nomogram for calculation of apped of movement of trough avalanches according to S, M, Kosik's formulas. M, K, Efimov Trudy Sred. - Az. nauch - issi gidi ometeor. inst no. 27;110-112 '66'

AVAN (ARMENIA)—SALT MINES AND MINING

Change the voiking system of Avan salt mine, G Lusinian, P Sargsian Prom Arm 9 no 10 55-

AVAR POETRY—HISTORY AND CRITICISM

Khabullaov, S.M. [Folk sources of Avar poetry] Narodnye istoki avarskoi poezti – Makhtehkala, Dagestanskoe knizhnoe izd-vo, 1906. 50 p

AVARICE

In the "Zarechenskiv Klin" section, a sketch - VI Gusev Agitator no la 14-57 Ag 462

AVDEYEVKA-PERVAYA (UKRAINE)-COKE INDUSTRY-WATER SUPPLY

Automatic control of the acidity of circulating water. A. A. Grinevich, V. B. Karlinskii, A. S. Kurlinenko Loks I khim, no 12:37-38 *66

AVIAN LEUKOSIS

Avian leukoses, 1.1. Lastianenko. Velerinarria 13 no. 11 22-25 N 466.

Relation of Marek's disease to ayını leukosis 1.1, Ka-stanenko, V.P. Iyanov Veterinarına 13 no 1 12-14

AVITAMINOSIS see Deficiency diseases

AVVAKUM, PROTOPOPE, 1621-1682

Archpricat Avvakum in oral legends of Transbakalla. L. E. Eliagov, Trudy ODRL 18:351-363 452.

Avvakum's works and social movements at the end of the 17th century A.N. Robinson, Trudy ODRI 16 149-175 '62,

History of the "iconographic" representation of Protopope Avolum V I Malyshov Frudy ODRL 22 382 101 768

Ideology and appearance, Avvakum's views on fine art. A.N Robinson, 11 ud., ODRL 22 453-361 466,

Observations of the landscape in the "Life of Protopope Avalum," A S. Demin Trudy ODRI, 22 402-406 '66

Works of Old Russian writing in Avvakun's compositions, N S Sarafanova | Trudy OBRI | 10-329 140 '62,

AXOLOTILS

Clanges in sulflavdryl proup content in extremity tresues of colotle following inhibition of their regenerative capacity by N-ray II radiation and its restoration, N.A., Typlits, S. P. Kilma, Dokl. AN SSSR. 171, no. 5 1209-1212. D. 466.

AYKHAL (YAKUTIA)—CITY PLANNING

Housing complex for the Far North, A. Pedorov Arkhit SSSR no 6 28-29 '63

AZAGUANINE

Fifert of 8-azagnanine on nucleic acid content in organs of headanted rats VI Svatkov Ukr blokhim zhur 38 no. 6 590-601 406

AZEPINONE

Quantitative and qualitative method for determining capelactam with a base of pictyl chloride, K. A. Kornev, R. V. Voitschhovskyl, A. F. Fainerman. Khim prom (Ukr.) no 5,50-62 J1-S 162

AZERBALJAN-ARCHITECTURE, IS LAMIC

Bretanitskii, L.S. [Azerbaijani anchilecture of the 12th-15th centuries and its role in the architecture of the Neu East] Zodchestvo Azerbaidziana XII-XV vv. i ego mesto v arkhitekture Perednego Vostoka. Moskva, Nauka, 1966 556 p. Illus.

AZERBALIAN-BITS (DRILLING AND BORING)

Results of using bits of various shapes at the Gyumushlug mne. Sh. N. Manedov, M. P. Nuriev. Za tekh, prog. 6 no. 12 36-38 D 466.

AZERBALJAN-BITUMEN-GEOLOGY

Characteristics of bitumen content changes in Neccomian deposits of Khisy synctinore in connection with its geologic structure. G. A. Akhmedov, G. - M. A. Aliev, V. G. Bezmenov. Azerb neft, thez. 15 no. 121-3 D

AZERDALJAN—CANNING INDUSTRY

Outlook for the development and distribution of the causing industry in the Azerbaljan S. S. R. M.S. Sht hov, M.A. Rustamov, Za tekh, prog. 6 no. 12 42-44 D 166.

AZERBAIJAN—CASTLES

Enykh Castle. Dzh A Khalilov. Dokl. AN Azerb SSR 18
no 4:93-97 '62.

AZERBAIJAN-CERAMICS

Study of building ceramics of Azerbnijan, N. A. Sarklsov. Dokl. AN Azerb. SSR 10 no. 4:99-102 '62.

AZERBAIJAN-CLIMATE

Synoptic and climatic regionalization of Azerbaijan. A A. Madatrado. Izv. AN Azerb. SSR. Ser. nauk o zer. no. 4:130-146 166.

AZERBALIAN-COLLECTIVE FARMS

Altey Kh., and Kh. Alimirzoey. [From the history of the collectivization of the Apriculture of Azerbaijan, 1930-1934] Listoria kollectivizatali sel'skoro khozia-istva Azerbaidzhama, 1930-1941 gg. Baku, Izdevo Akad, nank Azerbaidzhanskoi SSR, 1957. 271 y [In Azerbaidan] nans. jani] (InV)

AZERBAIJAN---FARTH TEMPERATURE

Net differ people in a studies in Azerbaijan. A.B., Isaturante and others. Dokt AN Azerbaija 18 no t 15 -18 - 162

AZERBALJAN-EDUCATION, HIGHER

Higher education in Soviet Acerbaijan, 5.34 Mustafaev. Vest vys, shholy '4 no 12,69-73 D '66.

AZCRBAIJAN-L.PIDEMIOLOGICAL RESEARCH

Phillamental stages of the securities activity of the insti-ture of I pude modog. Microbiology and H gione of the Ministry of Public Health of the Vicibation S.S.R. among the past 10 years 1972-1964. B.I. Michigliov Arethorized zhim no 8/4/10 Ag [62]

AZFRBALJAN-FORAMINIFERA, FOSSIL

1 lphullidae of Miocerr sediments in northerstein Verbaljan - 1. D Miniedova, 12v VN Vzerb SSR Scieniuk o zem - no 4 16-23 466

AZFRBALJAN—GAS AS FUEL

teconomic efficiency in the use of gas as fuel in the in-ductry of Azerbrijan, P. A. Samedov. Azerb, neft, khoz 12 no. 5 16-17 My '6d,

AZERBALIAN--GEOLOGY, STRUCTURAL

Akhmedbeill, F.S. [Recent tectonics of the castern part of the Greater Caucasus, on the borders of Azerbaijan] Neotikionika rostochnol chasti Bol'sbego Kavkaza, v predelakh Azer baidzhana Baku, Izd-vo Akad, nauk Azet baldzhanskol SSR, 1966. 200 p.

AZERDAUAN-GLASSWARE, ANCIENT

A gluss cup discovered in Khynysiy A V Nuriev Doka NN Accib 55R 18 no 189-91 62

AZERBALIAN-HAWTHORN-THERAPEUTIC USE

Azerbaid than the partenant TV. Debrie of the har there is the partenant TV. Debrie of the date of the partenant TV. Debrie of the date of the state of the state

AZURBALIAN-HELMINTHOLOGY-BIBLIOGRAPHY

Bibliographical heir vof medical ledminthology in Azer-buljan from 1876 to 1982 (3.5 Kasimov, Sh. A. Alakhmur-dova Azerb of Lahu. 40 no. 1 106-109 Ap. 163.

AZERHALJAH-HYDROCARBONS-ANALYSIS

Analyzing the aromatle and cyclonevane hydrocarbons in gasehine fractions from the olds of Peachan, i Island and hat adag. A B Nastroy, G.G Ashumov. Azerb, neft lihos. 12 no 7 46-17 Jl 183

AZERBALJAN--ILLUSTRATION OF BOOKS

Kazlov, A.W. [Artistic and technical materials and lea minology of medieval book painting, calligraphy, and book-cover art [Khudozhestvenno-tekhnichesk ic ma-terialy i terminologila srednovekovol knizhnol zhivopisi, kalligraffi i pereplotnogo iskusstva. Baku, Izd-vo Akad. nauk Azerbaidzbanskol SSR, 1986. 132 p.

AZERBALIAN—INDUSTRIES

Industrial power of a republic V. Akhundov Agitator 31 no 23 10-15 D '66,

AZERBALIAN—INDUSTRIES—BIB LIOGRAPHY

Azerbaidzhanskaia respublikanskaia biblioteka. [The bidustry of Azerbaid-hana. Baka, 1866, 18 p. (Chio chitat' of Azerbaidzhane, no. 4] (Mit)

AZERBAIJAN—LEPTOSPIRA

Separation of a new seretype of Leptosph a in Azerbaijan T. A. Tagi-zade Dokl. AN Azerb SSR 18 no 4:81-87

AZURBAIJAN-MATERIA MEDICA, VEGETABLE

Possibility of the use of local raw material for the photmaceutical industry 1 A, Damirov Azerb med zhui no 3;67-70 Mi 162

AZERBAIJAN-METASOMATISM

Calculation of medacomatic reactions of skarn formation in halo of Kedahek intrust.e; as revealed by study made in Vezuvignovaya hill. S.A. Makhumodov. Izv. AN Azerb, SSR, 581, mark o zem. no. 4 57-61 166

AZERBALJAN-MINERALOGY

Distribution of vanadium, chromium, nickel, and copper in rocks of Malkop series in Azerbatjan in relation to whereal composition. A.D. Israelian. Azerb neft, khoz. 45 no.93-9 S. 166

AZERDALJAN-MINERALS

Accessory minerals of granite-syenite intrusive in Megri-Ordubad batholith (southwestern part). E. F. Vollterson, Izv. AN Azerb. SSR, Ser, nank o zem. no. 4:44-19 **100,

AZERBALJAN-MOTHERWORT

Motherwort groving in Arcibal januard used as a hypotensive igentum hyportention treatment. If A mustamova Arcib med alum no 3 21-28. In 162

AZERBALJAN-ORE DEPOSITS

Characteristics of metallogenetic specialization of Indicagnation of metallog figure special ration of Indicagnations S. A. Bektashi, I. D. Osipova, I.v. Av. V. (11) -SR Set mank o zem, no 4,50-50 (66)

AZERBAIJAN—PERSIMMON—GRAFTING

Budding subtropical peraimmon 7 M Gasanov, Sub-trop Fult no 3 106-112 166

AZERBAIJAN-PETROLEUM PRODUCTION-COSTS

Certain economic nutices in the development of petroleum parts (for in Azerbanan - I M Asulos, V, P kaufman, Azerb nuft khoz - 42 no 71 3 Jl 463

AZERBALJAN-PETROLE UM WORKERS

Start of the corb esperience is the year 1917 N. Sapronov Nettimile 11 no 1141-12 N '66

AZERBAIJAN-PIPE MILIS-VENTILATION

Gas removal from are furnees. I.A Utin, IU V. Goliber. Lit progression 12 33 D 166

AZERBALJAN—PSYCHIATRY

Some mater (als on the history or psychiatry in Azerbaijan , A Abuskuliev Azerb med zhur no 3:76-82 Mr. 162

AZERBALJAN—RADIO AND MUSIC

"Day of music for radio audiences," B. Rakhkin. Sov. 1 rdto 1 fel. 8 no. 3 28 59

AZERBALJAN-ROCKS, SEDIMENTARY-TESTING

Longitudinal wave relocities in godimentary rocks of Actibatian, under hydrostatic presentes of up to 4,000 kg-wt per cm² M. P Volarouch and others Trud, Inst. fiz. Zem. no. 37 130-139, [66]

AZERBAIJAN—RURAL PLANNING

Frahlims of reconstruction of settlements in Azerbaijan. R. Bagirey. Arkhit. SSSR no. 11-13-16 166.

AZERBAIJAN—SAVINGS BANKS

For high standards in services to the population. I. Akhundov. Den i keed 24 no. 12 62-65 D 166.

AZERBAIJAN-SCHLIEREN

Name of the Megalicum of the colution of idamellity intrusive of the Megalicum of the Megal

AZEBBALIÁN-SILKWORMS

Amino acid metabolism in ailkvoim species of different pruductivities IU B Filippovich, V.G.Bungova, Prikl biokhim i mikrobiol 2 no 6 725-729 N-D 166.

AZERBALJAN-SKARNS

Calculation of metasomatic reactions of skarn formation in halo of Kedabok intustive, as revealed by study made in Verustanovaya hill. S. A Makhumodov. Izv AN Acarb, SSR Sci. made o Zom., no 4:57-61 166.

AZERBALJAN-TECHNOLOGICAL INNOVATIONS

Azerbaijan auggests. A.Sasbin. Izobr. 1 rats. no. 12:

AZERBALIAN-TUBERCULOSIS-CONGRESSES

Third Republic Conference on Tuber culosis in the Azerbal-jon S S R A D Nur mannedov, PS M Rabinovich Azerb med zhur no 7:76-79 JI %2

AZERBAUAN-TYPHOID FEVER

Character istics of the enideratological monerties and the clinical course of typhoid fever it on data of the regulate. M.G.Safaralbelov, R.S.Khannkaeva, Sh.A. Begliai bekov. Azerb.med zhur 40 no.4:88-92 Ap

AZERBALJAN-VETERINARY MEDICINE

Socialist obligation Veterinarila 43 no.1.5 Ja 167.

AZERBALJAN-WHEAT

History of the growing of in Azerbaijan, G. W. Abdur-ragimov Shor trud. asp. 1 mol. nauch.sotr.VIR no. 2.

AZERDALJAN—WHEAT—VARIETUS

Studying the motley character of the varietal populations of wheat according to the length of their vernalization stage. G IU, Abdurragimov, Sbor, trud asp, i mot nauch soft VIR no 2 4-8 '61,

AZERBAHAN -- WINTER
Contrasts of Azerbaijan winter, N.N. Drozdov. Pliroda
55 no.12:105-107 166

AZERBALIAN-XENOLITHS

Aziahana.

Kenoliha and schlierens of the solution of adamellite intrusive of the Megri-Ordubad batholith. Sh A. Aziabekov, E.N. Emelianova. Dokl. AN Azerb. SSR 18 no 4:19-54 '62.

AZERBALIANI COMPOSERS see Composers, Azer-

AZERBALIANI DRAMA-HISTORY AND CRITICISM Sec. sundivision under Armenia

AZINES

Address of the research of the research of the research of the to motion of polya fines. IU, V, Korshak, T, A Prontide, B P, Davydov. Neftekhimita 3 no 5 677-682 S-O [6]

AZIRIDINE—PHYSIOLOGICAL LEFECT

N, N1-malonyl-bis-ethylenimine and its virious biological properties. L.B. Bortsov and others. But eksp biol i med 55 no 6:76-79 Je 163

AZO COMPOUNDS

Pyrid/l azo compounds as reagents for indum. Report No 3 Complexion tre and spectrophotometric deter-mination of indium with brone derivatives of pyridyl-azoanimeters 18 I Gusev, E M. Nikolaeva Zhur anal khim 21 no 16:1183-1190 '68

Secting that on etric study of some greate compounds as reagonts for scandium A, 1 Busev, G, E, L suns, N, N Basargin Zhur, and khim 21 no 12 1414-1419

Study of comple, for mation in the solutions of sone aze derivatives of a hydroxynaphthole acid NA Mukhina. L. P Kulev Zhur VKHO 11 no 6.705-707 '65

AZO DYES

Effect of the medium on orientation in acc coupling Part 1 Coupling with a maphthol L N Ogolova, B. I. Step 1966 Trudy MKHTI no 42 41-10 '63

Direct of the mellium on orientation in azo coupling Part 2 Coupling with resorting L N Ogoleva, B, [Step mov Trudy MKHTI no 42 19-52 '63

AZOTOBACTER

Distribution and nitrogen-fiving activity of Azotobacter in some types of soil V. F. Nepomilucv. L. L. Shisha. Mika obiologiia 31 no. 2,294-300 Mn-Ap '62

Effect of X 1 aye on the inctabolism of free nucleotides and on enzymes of the nucleic acid metabolism in Azotobacter agile 21-D G. N. Zaitseva, A. N. Belozerskii, Mikrobiologiia 31 no 2;209-215 Mi -Ap 482

Isolation and study of it on-containing protein of non-hemin nature from Azotobacter vinciandat V A IAPovley, L. A Syrtsova, L. V Vorobley Dokl AN SSSR 171 no 2 177-180 N '66

Role of azotobacterin in the formation of rice crop. Sh. T. Shande. Trudy Un diuzh, nar 14, Sell-Phoz, nauki no. 1,125-131 166.

Sait-resistant Azotobacter, G. N. Blinkov, Mikrobiologia il no. 5-880-883 S-O '62

Study of the nature of symbiotic relationships among Azotobactor, phosphorus and allicate bacteria in thro 10. M Mochalov, Mikrobiol. zhur. 28 no.659-62 186

AZOTOBACTER—CULTURES AND CULTURE MEDIA

Effect of filtrates of culture fluid of Azotobacter agile and Azotobacter vinelandit on fivation of atmospheric attrogen N.A Sandrak, Mikrobiologiia 31 no 5,800nitrogen N. A

1003 Sec. 102.

If Juragendage and succinic deliverogenase in Azatobacter vinelandit and their relation to nitrogen fixation, V.A. IARVINER, Dokl. AN SSSR 171 ac.5. 1221-1228 D. 106.

AZOV SEA REGION—CHLORITES

Chlorites containing nickel from ultrabasites of the western part of region of Sen of Azov URSR no 11:1488-1490 '66 V. V. Bah akay Dop &N

AZOV SEA REGION-GEOCHEMISTRY

Geochemical characteristics of granifolds altered by melasomatosis in region of Sea of Azov I K Patt A A Situin, A.F Lavrinenko, Sov geol 9 no 12 81-98 D '66

AZOV SEA REGION-GRANITE

Geochemical characteristics of granifolds altered by metason atoria in region of Sea of Arov 1 K Pratenko, A A.Sitnin, A F Lavrinenko Sov. geol. 9 no 12, 31-98 D 166

AZOV SEA REGION-NICKEL

Chlorites containing nickel it om uitrebesites of the western part of region of See of Azov V, V, Hatrakov Dop AN URSR no 11:1408-1400 '66.

Lumbar diskalgia A.I.Osna, Zhur.nevr i psikh, 63 no.1;31-36 '63.

DACTERIA

Mutagenesis induced by the action of chemicals on isolated deoxyribonucleic acid and the transformation of bacteria. S. E. Bresier, D. A. Perumov. Blokhimila 27 no. 5,927-937 S-O 162.

BACTERIA, AEROBIC—CULTURES AND CULTURE

Characteristics of enzymes of Bacillus mesenterious strain PB. A.A. IUlius, O. Kh Tiniskova. Prikt. biokhim, i mikrobiol. 2 no. 6 670-674 N-D 166.

BACTERIA, AEROBIC—CULTURES AND CULTURE MEDIA (Continued)

Dissociation of Bacillus brevis var. GB in presence of amino acids G G Zharifova Vest Mosk un Sei 6 Biol , poch. 21 no 180-88 Ji-ly 166

Effect of aeration on vital activity of micro-organisms I A Khracl', I S Kotshunov Prikl, biokhim i mikrobiol 2 no 6 711-724 N-D '66

Sindy of the physiology of metabolism and manphology of Bacillua brevis vat. G.B. as related to the biosynthesis of gramickin-C. V.V. Korzhunov. Mikrobiologika 31 no. 5 820-825. 5-0-16?

BACTERIA, ANAEROBIC-CULTURES AND CULTURE MEDIA

Ultrastructure of the outgrowth on the surface of spores of anaryobic back 11d. N.A. Krasil'inkov, V. I. Duda Dol I. AN 855R 171 no 5 1196-1107. D. 166

BACTERIA, AUTOTROPHIC—CULTURES AND CULTURE

Fifeet of thermal mactivation on the differential absorption spectra of purple photosynthesizing butterta, N V Karapettan, I N brightmaleva — Dobl AN 855R 171 no 5 1201-1204 D 466

BACTERIA, EFFECT OF DRUGS ON

Dynamics of the sensitivity of siaphylococci to antibiotics in pyodermitis. S.I. Dovzhanskii, I. V Mefodicva, Vest.deim iven no 12,33-36 462

BACTERIA, METHANE-PRODUCING-CULTURES AND CULTURE MEDIA

Study of growth promoting substances contained in the biomass of thermophilic methane bacteria. Report No 2 E D Mikhlin, V G. Prokofteya, N. N. Etofeeya Prikl, biokhim i mikrobiol, 2 no, 6 687-690 N-D '66

BACTERIA, PATHOGENIC

Blological activity of the polysaccharide, glucan, G F. Volsberg and others Biul eksp biol i med 45 no 6; 81-87 Je '63.

Production and use of bactocourant in for desatization, B. P. Ponomprey Veterinatria 13 no 11,90-9 N 166.

Studying the antigenic structure of bacteria used in duratization N A Popov. Vetermanna 43 no.11; 27-90 N '66.

BACTERIA, PHOSPHORUS

Study of the nature of symbiotic relationships among Azotobacter, phosphorus and silicate bacteria in vitro, IU. M. Mochalov, Mikrobiot, zhun. 28 no 6:59-62 /66.

DACTERIA, PHYTOPATHOGENIC

Agenta of mucous bacteriosis of cabbage and their biology, I. V. Voronbevich, Sel'khoz, biol, 1 no. 6:055-807 '66

Framycin effect on phytopathogenic bacteria in vitro, K. H. Bel'tinkova, I. B. Korollova, V I Samotlenko, Mikrobiol zhur, 28 no.641-16 466

DACTERIA, SILICATE

Study of the nature of symbiotic relationships among Azotobacter, phosphorus and stlicate bacteria in vitro. IU. M. Mochalov, Mikrobiol, zhur, 28 no. 6:59-62 '66

BACTERIA, SPOREFORMING

Miner alization of nucleic acid by sporeforming microorganisms. M. T. Kvaratskheliia, V. L. Beliaeva. Mika obiologija 31 no. 2:216-220 Mt -Ap '62.

Susceptibility of the strains of Bacilius larvae White to antibiotics. A. Furovich, M. Zakhachevska. Votermariia. 43. no. 1 112. Ja. 167.

DACTERIA, SULFUR

(see also subdivision under Sernoye, Lake) (800 8180 81000 tributor interference of the property of the comparison of the property of the property of the comparison of the compariso

Formation of chlorophyll by purple and green bacteria during their photoautotrophic and photoheterotrophic development L. V. Moshentseva . E. N. Kondi at 'eva Mikrobiologita 31 no 2:199-202 Mr-Ap 62.

New species of purple sulfur bacteria Thiopedia sevani (n.sp.). M.C. Gambarian Mika obiologiia 31 no 2;282-283 Mt -Ap. '62.

DACTERIA, SULFUR—CULTURES AND CULTURE

Atmospheric nitrogen fixation by purple suifur bacteria during growth on mineral and organic media lanklucifa [Yanf Hui-fang] Mikichiologlia 31 no.5:774-777 S-O 162.

Effect of some factors on iron oxidation by Thiobacillus ferrocyticans cultures, V.I.Ivanov, Mikrobiologita 31 no.5:795-799 S-O '62,

BACTERIA, THERMOPHILIC-CULTURES AND CULTURE MEDIA

Thermophilic bacteria, producing active cellulolytic enzymes. L. G. Loginova, R. S. Golovacheva, M. A. Sheherbakov. Mikrobiologiia 35 no.5:796-804 S-

BACTERIC IDES

Bactericidal effects of sodium metasilicate, preliminars report I A Shakhbazian Zhu mikrobiol , epid i immun 33 no 6 119-121 Je '62

Study of antibacterial properties of the complex collagen with antibiotics in witi oppeliminary report 1 B shekhter and others. Friedy I-go MAII 19 288-273 '66

Synthesis and properties of biologically active copolymers of maleic anhydride with organotin and lead monomers of A. Kochen and others. Vest AN Kacash SSR 22 no, 10 15-32 O '66

BACTERIOLOGY

Some problems in the methodology of initiated spectroscopy of initiated spectroscopy of initiated spectroscopy of initiated spectroscopy. We know that Zhan initiated reput i inimian 33 no 6 96-103

BACTERIOLOGY-CULTURES AND CULTURE MEDIA

Data for the Improvement of bacteriological diagnosis of opathogenic I scherichio con bacilitatic the prolumnar, accumulation in the bouillon at 13-4fC T V Smarnova, A.5 Ivanova Zhui miki obiol , a pid a immuu no 6 63-65 Je '62

Growth of Schmonolla typhi from p tients with typhotel fever D. N. Melikova Zhui mitrobiol repid i nomun 33 no 6:55-58 Je 162

Reisser and Massimi phenomenon in Hesner 's dysenterial bactulia E.A Lebedeva Zhui miki obiol . cpid i immun 33 no 6 27-32 Jc '62

BACTERIOLYSIS

Defective Lysogeny in Actinomyces streptomycini Kras culture, producer of streptomycin TA, I. Rauteshtein and others Mike obiologika 35 no 5 486-4863 5-0 166 Observations on lysis in Chlorella cultures K, A, Jambaeva Miki obiologija 35 no 5/853-850 5-O '66

BACTERIOPHAGE

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Bacterrophage & mutant resistant to acridine or ange V.K. Ravin, I.V. Andreeva Vop views. II no 5 573-578 S-O 166

Concentration of bacteriophage F2 on the auton exchange resin AV-17 I, V. Cherniakhovshala Brokhimila 28 no 2:253-257 Mr-Ap '63. Distribution of brucellar bacteriophages in the organism of a guiner pig N. P. Prostetova Trudy Gos march. ~ issl protivochum inst. 16:117-125 '59

I ffectiveness of the haptocholic flocculation reaction and the phage fiter growth reaction as methods of indirection of dysentery barter is on a surface, author % abstract G.A. Bashmakor. Zhar mikrobiol., epid i immun 33 no 6 92-93 Je 62

Experience with phage typing of the set of ype Chir. Bit of Escherichia coli. M.D. Krylova. Zhar mikrobiol., epid. i immun 33 no 6 65-69 Je 62.

the part in the state of the district of the state of the

Localization of adenosinetriphosphatase activity in the structural elements of bacterior age T2. A.S. I ikhonen-ko, H. F. Poglazov Biokhimita 28 no 2·340-344 Mr = Ap '63

Lysogenicity and colinogenicity in enter obacter in. P. I. Emel'iency. Zhan mikrobiol., epid i immun 13 no il:91-95 N '66

Modification of bacterlophages induced by host V. G. Nikiforov. Usp sovi.biol. 62 no 3 383-397 N-D 466.

N. NI-malonyl-bis-ethylenimine and its various biological properties LB Borisov and others. Bird eksp biol 1 med 55 no 6,76-79 Je '63

Role of amino and carboxyl groups of Eacher ichia coli C cell walls in adsorption of phage φΧ174 N.V. Timakova. Miki obiologiia 35 no.5-261-867 S-O 466

Separation of lytic and killing activity of bacterial virus particle V A Zuev, G I Build Vop virus 11 no 6-648-652 N-D '666

Spheroplasts of Eacherichia coll obtained by means of phage "ghosts". D. M. Gol'dfarb, A. V. Avdeeva, N. B. Borisova. Mikrobiologita 31 no 5866-870 S-O *62

Type specificity of brucellar phages M.S. Drozhevkind Trudy Gos nauch -issl protivochum inst. 16:109-118 159

Variability of Actinomyces crythicus under the action of specific actinophage and mutagenic factors. VI.Retinskala, S.1. Alirhanian Mikrobiologiia 31 no. 5 811-819 S-O '82.

BADKHYZ REGION (TURKMENISTAN)-FORAMINIFERA. FOSSIL

Foraminifera of the Palcogone sediments of Badkhyz and adjacent regions Z.D. Kuliev. Izv. AN Turk SSR. Ser. fiz. -tekh. , khim. i geol nauk no. 4 74-79 162

BAGGING

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BAI-TAIGINSKIY DISTRICT-STOCK AND STOCKBREED-

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Morning of the chief designer - I could Lomazov - Sav - Uhr - 12 no - 1 122-132 $\rm (Ap^{-1}0)^{2}$

BAIKAL, LAKE-ALGAD

Uroglenoptis sp. in plankton of lake Balkal, N.A. Antipota L.v. Broll-group which lissl, Inst. Jrk. in 18 no. 1/2 196-197 (6.5)

BAIKAL, LAKE-GRAYLING

Peeding habits of the black Balkal graying (Physicallic arcticus) in the southern part of Lake Park d. P. IA fugarina. Izv Vost. Sab old Grog ob va SSSR 60 101-

BAIKAL, LAKE—PHYTOBENTHOS Bouthic macrotiona in oper Lake Brikal, L. V. Pholodina Lee, Biol. -geog nauch -i-sl, mst Lik un 18 no 1/2 35-49 465.

BAIKAL, LAKE—PLANKTON
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Buol "geog.nauch "reel inst lik un 18 no 1/2 i-1/

BAIKAL, LAKE-TUGBOATS

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BAIKAL, LAKE-WHITEFISHES

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BAJKAL LAKE IN ART

Lobedinskii, II.I. Baikal. Dkuisk [Vostochno-Sibli skoe kuizhaoo izd-vo] 1966 [1] D 24 plates. [Text in Eng-lish, French and German insert]

BAIKAL LAKE REGION ... BHIDS

Maritime relationships of the Baikat bird fauna Gagina Izv Vest Sib old, Geog eb-, a SSSR 60 120-

BAIKAL LAKE REGION-MINNOWS

I coding habits of minnow Phosinus phosinus (!) in Baikal basin and Irkutst Reservoir, P. IA Tugarina, N. L. Antipuyr, I. A. Rostovtstva – Izv. Biol sgeog nauch stall, inst. Irk un – 18 no. 1/2 81-101 – 165.

BAIKAL LAKE REGION-POPLAR

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Prology and morphology of Populus suaveolens on the south astern short of I ske Baikat. O. P. Dutma - Izv Vost -51b old Goog ob-va \$55R 60 147-152 165

BAIKAL LAKE REGION-ROCKS, IGNEOUS

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BAIKAL LAKE BEGION-SEISMIC WAVES

Recording P5 waves in the Baiket Lake region. S Golenciabil Gool.i geout. no 11.132-131 '63.

BAIKAL LAKE REGION-SEISMOMETRY

Pirst results of studying seismographic recordings of industrial explosions in Lake Baikat region 5 L. Golonetskii Gool receive no 9416-125 456

BAIKAL-PATOM PLATEAU-GEOLOGY, STRUCTURAL Some characteristics of the structure of the Haikal-Patom fold area K. A. Klitin, Doll, AN SSSR 171 no. 5 R56-R59 D 166.

BAKAL REGION (CHELYABINSK PROVINCE)— VETERINARY MUDICINE

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BAKERIES see subdivision under Balgorod-Duestrovskiy

BAKHRUSHIN, SERGET VLADIMINOVICH, 1882-1950

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BAKING see subdivision under Minsk

BAKU-LANDSCAPE ARCHITECTURE

Some problems of the city landscape of Baku, M. Kokhmon, Atkhit. SSSR no. 8:26-28 166.

BAKUNIN, MIKHAIL ALEKSANDROVICH, 1814-1876

Pirumova, N.M. [Mikhail Bakunin; his life and work]

Mikhail Bakunin, zhizu' i delatel'nont'. Moskva, Nauka,
1966. 158 p. (Nauchno-populiarnala serlia)

tooling the circumes of the mater stringfallon of original five in the northern ring and perioling of the dalakhan "Sahan hi-Roman, of field Sh G Shirmer, V. Bagdash ova Areib net thos 12 no 7 15-17 1 %

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lers for reed and other materials. M. IA. Tallianker, (K. Skolatskir, Burn prom. '7 no 413-14. Ap. '62

I (ELAND)—DESCRIPTION AND TRAVE L

thangel'skii, N. [A journey to the island of Ball] ateshestyle na osliov Ball, Moskya, Piavda, 1965. p. (Biblioteka Ogonek, no. 36) (MH)

KAN PENINSULA—POLITICS

developments in the Balkans, flua kiullovsku, ov vrem - 25- no 8 11-13 F '67

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ographic characteristics of sandstone and siltstone the Akchaghylan stage in the Balkhan region —D G akh – lev AN Turk SSR Ser fiz -tikli , khim, i geol uk no 2 50-57 %.

KHAN RANGE—SILTSTONE

rographic characteristics of sandstone and sittatione the Akchagh, lian stage in the Bukhan region, D, G akh [zv. AN Turk, SSR Ser. fiz -tekh , Phim i geol u no 2 50-57 [6].

KHASH LAKE REGION—ORE DEPOSITS

ne genetic characteristics of Karatas deposit in northestern part of Lake Balkhash region Z.T Tilepov A.AN Kazakh SSR Ser geol 23 no 5 56-62 S-O 46

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no 73 30-33 vestigating changes in Loughness and microhal dness of the internal race ways of ball bearings during the starting period of operation. R. D. Khoteeva. Shur auch trud Bel, politich inst. no 79 18-20 159 (thou for calculating ball bearings. V. N. Tieler. Shor, nauch trud Bel. politickh inst. no 79:2-17 159,

LAST (BAILROADS)

critining the volumetric weight of sand bollost accordg to the veakening of a pencil of gamma rais. V. E.

sterick, A I Danižin, Transpistroi, 11 no 11 45-47

61.

Tol., able radioisotope device for determining the volumet-everght of gravel ballast P. M. Tsigel'nii, N. I. Izanova Transp stroi, Il no. Il. 14-45 N. 61.

LET ee also subdivision under Leningrad, Moscow) ballet libreitos) 100 baletnykh libreito. Moskva, zyka, 1966 303 p

LETIC PHOTOGRAPHY see Photography, allistic

LISTOCARDIOGRAPHY Hatory properties of the human body V L, Karpmon, V, Sadovskala Biul eksp biol i med 55 no 8,65-69 ¹63-

LOONS, SOUNDING—DRYING

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C REGION—AMBER

litions governing formation of Baltic amber (succinite) certain effect of characteristics of fossilization on perties of fossil resins S.S.Savkevich Lit. 1 pol op no. 6 7f-88 N-D '66.

AKHARY-SABUNCHI-ROMANY OIL FIELD—OIL FIELD BALTIC REGION—CEMENT INDUSTRIES—EQUIPMENT AND SUPPLIES

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BALTIC REGION-FRUIT CULTURE

Effimov, V.N., G. Liatokha, and G. Uspenskii. [Varieties of and cultivation practices for fruit and berry plants of the southern Baltic region] Sorta I ago oterhnika plodovalagodnivk haifun Itzlanto Pribatiliti. [Kathingrad] Kalmingradskoe knizhnoe izd-vo, 1965, 206 p.

BALITIC SEA-SHIPS-SANITATION

but ties and number of accients on seagoing vessels in the operies and marrier of adents on seagoing vessels in the Fun open part of the U.S.S.R. Report No. 2 Rodents on ressels sailing the Baltic and the White Seas. F. A. Pushnitsa and others. Trudy Gos nauch shell profive claim inst. 16:245-272. 59

BALITIC STATES-BREWING INDUSTRY

Scientific and technical conference, V.14.Dialiuk, Spirt prom 28 no.5 13 462,

BALTIC STATES-PLANTS, PROTECTION OF 50th anniversary of the Great October. Zashch, rast. 11 no 11:1 166

BALITIC STATES-TAPESTRY

Decorative tapestries and textiles for contemporary interiors. S. Temerin. Iskusstvo. 29, no. 10 16-21, 466.

BALTIC STATES—TEXTILE DESIGN

Decorative tapestries and textiles for contemporary interiors. S. Temerin. Iskusstvo 29 no 10 16-21 166.

BALZAC, HONORÉ de, 1799-1950

1 vo biographies. V. Lakshin, Nov. ml: 39 no. 3;250-255 M: 163

Tropical bamboos with large edible fruits, Subtrop. kul't no. 3,161 '66

BAMBOO—DEEASES AND PESTS see subdivision under Adzhar Istan

BANACH SPACES

Banach function spaces and integral operators Part 2, IU. I Gribanov Izv vys, wheb zav ,mat no 6 51-63

BANEBERRY

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Review of letters Den. i Fred. 21 no. 12:68-71 D 166.

BANKS AND BANKING-ACCOUNTING

BANKS AND BARKEYO—ACCOUNTING
KN ivenisov, A.I. [Accounting for monetary resources,
payment and credit operations; lectures] Uchet denezhnykh sredstv, 1aschetnykh i kreditnykh operatisit; lektsil. Moskva, Mosk.in-t narodnogo khoz., 1963 50 p.

BANNEKER, BENJAMIN, 1731-1806

Graham, Shirley. [Your most humble servant. Trans-lated from the English] Vash pokornyl sluga. Red V. Markina. Moskva, Izd-vo mostr lit-ry, 1962. ν.... 221 p (OU)

BANYKIN, VIKTOR IVANOVICH, 1916-

Viktor Banykin; on his 50th hirthday. V mire knig 6 no. 11;37 N '66

DAPTISTS

Liberal-bourgeois tendency in the Baptist Church (1905-1917) G.S. Lialina, Vop. nauch, ateiz, no. 1 312-340

BARANOVICHI-COTTON INDUSTRY-MANAGEMENT Production capacities come into operation ahead of schedule M Kornei, Prom. Bel. 9 no. 12-55 D '68,

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BARBUSSE, HENRI, 1874-1935

"I ire" by Henri Barbu sc. A. Ishakh, V mire knig 6 no. 12:32 D '66.

BARCLAY DE TOLLY, MICHAEL ANDREAS, 1761-1818

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DARENTS SPA-HYDROLOGY

Transformation and formation of water types in the north-ern part of the Barents Ser. V. P. Novitskii. Probl. Arkt. no. 7/23-26-159

BARENTS SEA-MARINE FAUNA

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DARENTS SEA-MARINE FLORA

Submatine observations in the sublittoral of the Batenia Spa. M. V. Propp. Trudy Okean vom. 14:73-75-42

BARENTS SEA -- OCEAN TEMPERATURE

I or casting the water temperature in the Barents Sea D.A. Drogattsey Probl. Arkt no. 1 13-22 159.

BARENTS SEA—SALMON
Into chection: Trudy MMHH no.1241-6 '66
Into chection of genus Cocco by ne han and mon into Barents
and White Seas - L. A. Calkin: Trudy MMHH no.12,102-

BARGUZIN RANGE-MOCSE

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DARIUM-ANALYSIS

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BARTUM-PHYSIOLOGICAL EFFECT

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BARIUM ALUMINATES

Preparation and properties of barium silientes and aluminates – P. P. Budatkov, N. V. Kulikova – P. AY S55R, Neorg. mat. – 2. no. 14:1085-1990 – N. 466

BARIUM-GERMANIUM ALLOYS 800 Germanium-

BARIUM HYDROXIDE

Process of vacuum-crystallization of barium hydroxide, N.Sh. Safuillin, S.K. Sofanak - Khim, prom. Ukt. 188, 6, B-10 N-D 166

Effect of barium a side on the properties of clinker minerals and coments M. R. Ramankulov, M. M. Butt, V. V. Timashev. Trudy MKHTI no 11:129-137

Use of radioactive tracer method in analying evapor district of bariam oxide from various backings. V. P. Vasil'ev. I. M. Lutenko. Izv. AN SSSR, Ser. IIz. 30 no. 12/1940-1934 D 466.

DARIUM SILICATES

Preparation and proporties of barians silicates and aluminates P. P. Budnikov, N. V. Kulikova I.v. AN SSSR, Neorg unt 2 no 14:1885-1890 N 58

BARIUM SULFATE

Effect of ultrasound on oil suspension of barium sulfate Proliminary report G. V. Panenshin "Frudy Novoka GIDUVO 32,147-150 '65

DARIUM TITANATE CRYSTALS—GROWTH

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DARLEY

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Increase in harley yield by presowing gamma irradiation of its seeds V. N. Savin, A. A. Shutov, Radiobiologia 6 no 5.740-450 '66,

BARLEY—DISEASES AND PESTS see subdivision under White Russia

Y---TROST RESISTANCE see subdivision under ov Province

Y—VARIETIES see subdivision under Rostov ince

UL-INDUSTRIAL PLANTS-DESIGN AND CON-JC THON

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KELIMES PRESERVE—SNAKES

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on of propolene exide in the presence of critical ging tars as the catalysts N. G. Polianskii, otudina Neftekhimiia 3 no.5,706-712 S-O'63

s of pathological slyness (coptopholis). F.N. likov. Zlantnevr i psikh 63 no.1:130-136 '63

(01) structure of the Kapoviya Cave. 11.D. novich, 1.k Kuditashov, Sov sikhedi, 10 no 4: 1 '66.

IA-CHUVASHES

the mode of life, tolklore and language of the shrutal population of the Bashkir A, S S R, and it g Province. Uch zap CHNHIALIT no 23 270

LA-COMMUNIS'P YOUTH LEAGUE

tlina, K. G. [The youth of Bashkii in are in the urks] Moloderh' Bashkii ii na perednem krac, tshkirskoc knizhnec izd-vo, 1963, 54 p. (Bibliokomsomol'skogo "ktivista)

LA-CONSTRUCTION INDUSTRY-COSTS

1, V.N. [Ways of reducing costs in construction] crashchentia zatrat v strottel sive. Uta, Bauh-Frizhae izd-vo, 1963. 104 p.

IA-GAS, NATURAL-GEOLOGY

can search prospects for gas- and oil-bearing rai folds of Bashku is and Occobing Province of cis-Unias Filkharlianov, D.A. Filippova R. gcol i geoffer, no 12-37 felt, as prospecting results achieved in the sevential Bashku is and tasks for forth coming period relatively and others. Geol befting and others.

ichnikov and others Geol nefti i gaza 10 7 N '66

IA-GEOPHYSICAL INSTRUMENTS

yı nauchno-lasledovatol'skii institut geofiziche-olodov razvedki. Volgo-Ural'skii filial. [Geo-studies in Bashkiria and adjacent regions] heskie lasledovanlia v Bashkirii i sopredol'nykh ı; shornik statei. Ufa, Bashkirskoe knizhnoe 1965. 158 p.

A-OIL WE LIS-EQUIPMENT AND SUPPLIES r., R.B., and M.N. Calliamov. [Exploiting without using derricks] Bezyshechmia atslia neftianykh skvazhin. Ufa, Bashkirskoe i izd-vo, 1963. 58 p.

A-PETROCHEMICAL INDUSTRY-HYGIENIC TS

emists of Bashkiria need help. T. Isaicheva neis. Okhr truda i sots strakh 9 no. 12:19-

A-PETROLEUM GEOLOGY

on search prospects for gas- and oil-bearing al folds of Bashkiri a and Orenburg Province if cis-Urals. F. I. Khatianov. E. A. Filippova. z. gool. i. geoliz 10 12-3-7 156.

s prospecting i sulta achieved in the sevennin Bashkiria and tasks for forthcoming period. ichnitov and others Geol nefti i gaza 10

' N '66

BASHKIRIA—PETROLEUM PRODUCTI**O**N

Althmotov, R.B., and M.N. Galliamov, [Exploiting oil wells without using derricks] Bezvyshechnala ekspluatatsila neftianykh skvazhin. Ufa, Bushkirskoe knizhnoe izd-vo, 1963. 58 p.

Developing the necessarization of petroleum production in Bashkir fields K.P. Mikov. Neft khoz., 41 no. 9:18-51 S 363.

BASHKIRIA-PETROLEUM PRODUCTION-MANAGE -

Indices for the formation of the incentive fund in petto-lemp production entry iscs [F. B. Genkin, M. P. Shirlaev, R. Ich. Sharipay. Ekon in fte dob. prom, no 5,6-8 *66

DASHKIRIA--PETROLOGY

Geology and characteristics of petrographic composition of basement based on data of Toymey key well No 2000. V P Coaldinan and others Dokt IN SSSR 171 no 2 i il-131 K '66

HASHKIRIA-PRINTING INDUSTRY

With the workers in the printing industry in Bashkiria.
S. Latypov Poligi proi/v no 9.5-5 S '63.

BASHKIRIA---PROSPECTING-GEOPHYSICAL METHODS Vsesoluzny i nauchno-issickovatel'skil institut godiziche-skikh metodov razvedki. Volgo-Uzal'skil fillat. [Geo-physical studies in Bashkii in and adjacent regions] Geofizicheskie i-ble'ovantia v Bashkii ii sopredel'nykh ratonakh, shornik statel. Ura, Bashkirskoe knizhnoe izd-vo, 1965. 158 p.

DASHKIRIA-SOIL MICRO-ORGANISMS

Distribution of actinomycetes in genetic horizons of some Bashkir solls. V.D Kuznetsov. Mikrobiologiia 31 no.2,301-306 Mr -Ap '62

BASKETBALL

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BAUER, BRUNO, 1809-1882

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BAUXITE see subdivision under Chusovaya Valley, Unleger Valley; Turgay Gates

BAUXITE-ANALYSIS see subdivision under Kazaklıstan

BAYRAM-ALI DISTRICT—SEISMIC PROSPECTING

Stratigraphic confinement of reflecting scientic horizons in the Reputak uplift zone of Bayram-Ali District. V. V. Gapcov. Izv. AN Tuk, SSR, Ser, fiz. -tokh., khim i geol nauk no. 6;24-28 '62.

BEACH EROSION see subdivision under Primorsko-Akhtarak region (Krasnodar Territory)

BEAMS see Girders

Age-related changes in the anatomic structure of forage beans, G.N. Firsanova. Biul. Glav. bot sada no. 63 42-17 '66.

BEARINGS (MACHINERY)

BEARINGS (MACHINERY)
Bogdanov, O.I., and S.K.D'lachenko, [Calculation of silding bearings] Raschet oper skell-zhentia. Kiev, Tekhuika, 1060, 242 p.
Karakin, F.F., and V.I. IArovitsyn. [Handbock on antificition bearings for equipment and machines used in the peat industry] Sprayochnik po podshipnikam kachanila dila oberudovandia i mashin terfanoi promyshlonesti. Moskva, Nedra, 1996, 147 p.

Operation of antimiction bearings. G S. IAsakov, Mot. sbor 49 no. 10:75-78 O '66

Technical consultation. Rech. transp. 25 no.12-52 166.

DEARINGS (MACHINERY)-PARTS

Temper aime conditions of the nonmodalitic bushing of a stiding bearing. B.I. Ogarkov, E.I. Kushchev. Vest, mashinosti. 46 no. 12:17-19 D '68.

BEARINGS (MACHINERY)—STANDAINDS

Russia (U.S.S.R.) Gosudarstvennyi komitet standartov, mer I izmeritel'nykh priborov. [Antifretion bearings, pressod-on caps] Podshipniki kachenita; kryshki prizhimnye. GOST 11638-85 - GOST 11643-85. Izd, offisial'noc. Moskva, Izd-vo Standartov, 1986. 54 p. (SSSR, Gosudarstvennye standarty)

BEAUTY, PERSONAL

1 Iction with a comment, our answer to the "ugly girl,"
V. Karbovoskirs. Semila i shiola 21 no. 11-12 N 186.

BUCHER, JOHANNI'S ROBERT, 1891-1959

Rereading Bachet. T Motyleva, Nov. mil 39 no. 3-257-262 Mr 463

BECHET SYNDROME

Beheet's syndrome in a patient with toxoplasmosis B. I. Krasnov, I. S. Kamenetskii Vest derm i ven 37 no 3;56-58 Mr '63

BEDNYI, DEM'IAN, 1883-1945

Singer of stringgle and labor. A. Vinsenko. Sov. shakhi. 12 no. 1 38-10 163.

BEE CULTURE

Effect of introduction on some morphologic features of bees, V. V. Gubin. Triady Inst. gen., no 26 176-179, 462

Shabardin, M.I. [Advice to beekeepers] Sovety pehelovo-dam. [Kirov] Volgo-Vlatskoe kulzhmoe 12d-vo, 1965. 151 p. (CU)

BEEF CATTLE-DECASES AND PESTS see Subdivision under Ukraine

BEETLES, FOSSIL see subdivision under Soviet Central

BELAYA KALITVA—HOSPITALS, RURAL Some problems in the organization of scientific activity in a rur of district hospital VI. Shepotinovskii Sov med 26 no 3-80-48 Vi 463

BE LAYA TSERKOV'—AGRICULTURE—STUDY AND TEACHING

We should work out a detailed program for the training of graduate students. P. A. Kovalletti Vest, vys, shkoly 24 no. 12 to 45 D 486

Belichenko, klementh aleksandrovich, 1895-

Riazaniaev Mat Old mat geop i kni! Geog ob-va SSSR no 2 107-108 | 62

BELGOROD-BREWERES-EQUIPMENT AND SUPPLIES Technological progress in the Belgor of Brewery, N. I. Ignateako Spiri prom, 28 no. 5:35 *62.

BELGOROD-CEMENT INDUSTRIES

Highest output per worker in the field - TSement 3° no 62 of cover N-D '65,

BELGOROD-DUMP TRUCKS-MAINTENANCE AND RE-

Repair plant of heavy dump blucks, I.TSiperfin, Avt transp - 11 no 7 38-40 Jl 463

BELGOROD-DNESTROVSKIY (UKRAINE)—BAKERIES Bakery in Belgorod-Unestrovskiy, K. Shternberg, Strot. i arkhit, 11 no. 11,30-31 N 486.

RELGOROD PROVINCE --- AGRICULTURAL CREDIT

Role of credit in the specialization of collective farms. IA.Mashukov Den.i kred. 21 no.12 35-39 D 466.

BELGOROD PROVINCE-COLLECTIVE FARMS-MANAGEMENT

Role of credit in the specialization of collective farms. IA, Maslinkov. Den i kred. 24 no. 12:36-39 D 166.

DELITSER, VOLODYMYR OLDKSANDROVYCH, 1986-V. O Belliser on his 60th birthday. Ukr, blokbim, shur. 38 no 6 65 / 466

BELLADONNA

Densitometric method of quantitative determination of belladoma alkaloids separated by paper chromatog-raphy. M.S.Shipalov, IU. M Shilov, S.D. Mckhtikhanov, Priki, bickhim, umikrchiol. 2 no 5:707-713 N-D 166.

Effect of large doses of extract from the belladona root, used in the treatment of Parkinson's disease, on peroxidase detection Report No 1 Determination of the peroxidase in the skeletal muscles of mammals under normal conditions and following beliadona injection, IA, K, Osipova, Doki AN BSSR 6 no. 9,598-600

BELOBOTSKII, ANDREI

Andrei Belohotskii, poet and philosopher of the end of the 17th and beginning of the 18th century, A.Kh. Gorfunkei, Trudy ODRL 16 186-213 '62.

BELOY, NIKOLAI VASILIEVICH, 1891-

Nikolai Vasil'evich Belov; on his 75th birthday. Sov. geol 9 no. 12:100 D '66

(see also subdivision under Crimea; Dashsalabily region, Azerbaijan; Vicraine)

Effect of long-chain quaternary ammonium salts on the porosity of bentonite clays. IE.M. Kallonov, N. V. Hudovych, IE.H. Kukovs'kyi, Dop. AN URSR no. 11-1479-1462 *62

BENTONITE (Continued)

Structural and rechanical properties of aqueous dis persions of tentonites and influence of grants sand additions of different disjointh, on these properties kh khodzhaeva, h. N. Serb-Serbona, P. V. Rebinder koll zhin. 28 (10.6 6.004-69) N-D (60

Use of ben'onlik gel for the strelligation of suspensions D P Salo, Z T Chigain Ar delo 12 no 114-20 In-

ENZAMIDE

onthesis of N. M.-Jin eth. I spostituted anodes by the interaction of ac. I chloryles with dimeth from marible A.F. Killborne, F. N. Zillberman, F. A. Fkstrin, Zhui VKHO, II, no. 6, 704-703, hp.

Adsorption method of removing benzene impurities from e.j. loherane B.P. Luzianin, N.V. Kellteev, N.S. Torocheshnikas - Trady MKHTI no. 41 lul-lu6, 63 stalytic polymerization or allyl benzency 4-ph.nylbutene-1. 6-plemstpentene-1. 5-plemylpentene-1. and a-ally)-raphtbaline 1 V. Topchiev. V N Andronov. G I Chernyi Neftekhan iii 3 no 5 725-738 S-O '63 and other atographic analysis of the products of the Catalytic synthesis of divinal benzene and styrene F. K. Lauro alata, A. I. Balantin, G. M. Marukian, Neitekhi-miia 3 no 5 702-705 5-O '63

metrics of benzene adsorption by silica gel from metric with n-heptane V V Vesslo. Koll zhur -28 no 5 397-800 R-D ± 66

ollandr, L.IA. [Production of pure benzene for synthesis] Polucionle chistogo benzola dila sinteza, Moskva, Metallurgila, 1866. I'll p. btaming diphenyl from the rav stock of a benzene faction of p. rol, sis products. R. G. Ismailov, D. A. Aliev, T. M. Ivanova | 'zerb neft khoz | 42 no.5 33-35

reparation of benzene for 1st order nitration purposes from high-sulfur ras materials V, Z Sokolov and others. Note i khim, no 10 35-37 166

iman spectra of carbohydrates of various classes Report No, & Spectra of polyalkyltchzenes E.G. Freshchova, V R. Svarchenko, R IA, Levina Vcst Mosk un Ser 2 Khim 17 no 5 66-70 S-O '62 renghtening and purification of divinylhenzene IU, A, aikin, A B Davanko, T I Krivova Trudy MKHTI o 42:33-42 %

nthesis of blomo- and icdomethylated copolymers of triens with divinylbenzene V.V. Korshak, S.V. ogoshin, V. A. Davankov Vysolom soed 8 no 10 386-1641 O 166

VZENE-PURIFICATION

emoving thiophene from narrow benzene fraction by affuric acid. B. P. Dubrovskala, V. A. Sapunov Kors khim. no 12 30-33 166.

IZENE DERIVATIVES

thyl group transposition in heptamethyl beazolomum on, V A Koptug and others Dokl, AN SSSR 171 o 5 1100-1112 D '66

IZENECARROXYLIC ACIDS

reministion of henzenepolycarbovylic acids in oxidation roducts of some natural materials. L. A. Kedina, 'N. Generalova Zhur, anal, khim. 21 no.11 1385-1389 36,

IZIMIDAZOLE

inges in venous pressure in hypertensive patients eated with dibuzol. P M Kozhura Azerb med zhur 1 no 9 48-53 S 163

ubility of cohalt compounds with benzimidazole. 1, V, lathitskii, M Durdyev. Ukr khim zhur. 32 no. 12; 331-1313 *66.

ZODIOXAN

hasis of 8-(3-aminoprop 1)-and 6-(3-phenyl-3-amino-yl)-1, 4-benzollovans and their N-alkyl derivatives Daukass, G Mithydiene, A. Geniute Zhur VKHO no 6-711-713 '68

paration of Schiff bases of glucose and p-aminoben-ic acid ethyl ester. N S, Kuprianova, V. M, Kiseleva, V. Shevliagina Tiudy VNHSNDV no. 7 131-132 455

ent of 3,4-benzopyrene in smoked Baltic herring and he smoke in various methods of smoking. Vop. onk 10 3-53-58 163.

OPYRENE TOXICOLOGY

'inogenic substances, in particular 3,4-benzopyrene, smoked products and measures for their removal. M Shabad Vest, AMN SSSR 15 no.12;22-27 *60.

OTHIAZOLE

corrosive action of benzothlazole and its derivatives cultral and acid media. T. G. No emova, V. P. rovotlakala, V. P. Barannik, Ui i. shim, zhur. 32 12-1361-1364 66.

BENZOTHIAZOLESULFENAMIDE-TOXICOLOGY

loxicological evaluation of some sulfenamide derivatives occording a community of some suffernment delivation of 2-mer captoben officials used as vide of official colorators. R.S. Volubitya, N.V. Mezentseva. Kauch i.i.e., 21 eo 6 11-16. 15 (62)

DENZOTHIAZOLIUM COMPOUNDS--THERAPEUTIC USE

Therapeutic activity of dithiazanine and its tolerance in trichocephallasis N, N Plotnikov, N, N, Ozeretskov-stafi Mcd paraz i paraz bol 31 no 5 515-521 S-O

BERBERINE

Thermogrammetric study of complex compounds on botherine alkaloid base | D D Iki ami and others Doll, NN Fadzh SSR | 9 no. 42 24-27 166

BERDIAEV, NIKOLAI ALEKSANDROVICH, 1874-1948 N. A. Berdiaev is religious philosophy and its social tendency. I F Balakina Vop nauch, ateiz no. 1 119-

BEREZNIKI REGION (PERM PROVINCE)-POTASH MINES AND MINING-SAFETY MEASURES

Constructing deep of e chutes in potash mines G A Gladkith Got zhur no il 37-38 N 466

BERGAMOT OIL

Estimation of quality of beigamot oil T A, Rudol'fi, R I Sharapova Tind, VNISNDV no 7 167-170 '65

BERIC, DUSAN, 1920-1986

Dusan Beite. N. P. Mananchikova, A. F. Moskalchko, Vop. ist slav. no. 2 291-295 466

BERING, VITUS JOHNASSEN, 1681-1741

Shipbuilders and navigators in the Great Northern Expedition A I Dabravin Sudostrorne 56 no. 11 70-73 '66

BERING SEA-HERRING

Korf-Karaginskiy herring T.F. Kachina, Rvb khoz 42 no 11 14-16 *66

BERKOV, PAVEL NAUMOVICH

A "biography" of my library. P. Berkov. V mite knig 6 no 12,36-37 D $^{\circ}66$

BERLIN-ENTOMOLOGICAL RESEARCH

Anniversary of the Entomological Institute of the German Democratic Republic M Giliarov Zashch rast, Il по, 12 54-55 166.

BERLIN, EAST-THEATER

On the political map of art, a letter from Berlin. N. Otten. Nov. vrem. 25 no 4 27-29 Ja '67

BERYLLIUM

Chromatographic methods for separation of zirconium and beryilium. T. A. Bellavskaia, I P. Alimai in, Mu Ping-wen Vest. Mosk un Ser. 2. Khim 17 no 5 il-14 S-O

Study of complex formation of heryllium by means of ion exchange. Report No. 1 Behavior of beryllium in solutions of perchloric and sulturic acids, 1, A. Bellavskais, I.F. Kolosova Vest Mosk un Sei 2 Khim. 17 no. 5-55-59 S-O '62.

Using the hydrochemical method in prospecting for beryl-ltum deposits A. I. Listisyn, S. I. Mormil' Razv i okhr nedr 20 no 3;20-23 Mi '63

BERYLLIUM COMPOUNDS—PHYSIOLOGICAL EFFECT

Indices of protein metabolism in vats following introduction of beryllium compounds. N.M. Karamyina. Toks. nov. prom. khim. veshch. no. 8 27-33 366

BERYLLIUM CRYSTALS

Studying plastic deformation of beryllium single crystals under compression V. A. Finkel', I. I Paph ov. G. r Tiphinskii Fiz twer tela 8 no 7:2092-2097 Ji '66

BERYLLIUM ISOTOPES-PHYSIOLOGICAL EFFECT Radioactive beryllium elimination from organism by com-plexing compounds O.G. Arkhipova, M.R. Zel'tser, A.A Peiushkov, Radiobiologuia 6 no 5 754-755 '66,

BERYLLIUM OX IDE

EMYLLIOM OXIDE

Change in characteristics of heryllium oxide layers brought about by an electron beam. A.M. Turlkov. 12v. AN SSSR. Ser. flz., 30 no. 12:1895-1900 D '60. Characteristics of secondary electron emission from layers of beryllium oxide on alloys subjected to selective oxidation. A.M. Turlkov, 12v. AN SSSR. Ser. flz., 30 no. 12:1898-1894 D '66.

BERZIN', EDUARD PETROVICH, d.1937

Kurpnek, G. [A tale about the incorruptible soldier] Povest' o nepockupnom soldate. Riga, Liesma, 1966.

BESSARABIA—HETORY

Bobero, I., and IA. Kopanskil. [Twenty-two years of heroic struggle; from the history of the revolutionary and liberation movement in Bessarabia, 1918-1940]

Dvadisat' dva goda geroicheskoi bor by; iz istorii revolutiono-osvoboditel'nogo dvizhenia v Bessarabii v 1918-1940 gg. Kishinev, Partiince izd-vo TSK KP Moldavii, 1980. 42 p. (V pomoshch' agitatoru i propacandiste)

BESSEMER PROCESS

(see also subdivision under Krivoy Rog Basin)

Desulfuration process in an exprensional converter. V.B Othotstit I v vys ucheb , av, , chern met no. 19 50-55 166.

BETA-RAY SPECTROMETRY

Precision measurements of conversion electron spectrum, with the new Head their B. the triumeter focusing at an angle of Wils. It Daniel, P. Jahn, V. Indt., Ica., AN 558R, St. 1, nr. 20, no. 12, 2022, 2021. 1, 166.

Angular distribution of repeatedly reflected firmalinthen L. M. Berarshmov - Atom energy 21 no 6 497 D (ab

BETA RAYS-DLCAY

Double Leta-decay and characteristics of scutring V. R. Lararenko (15p fr. nauk 90 no 1601-622 fr too

BETA RAYS—PHYSIOLOGICAL DEFECT

Characteristics of the reaction of the epithelium of the crystalline lens capsule to the action of beta caps from smoothing. I.N. Larionov. Vop andiobiol. 1,253-261 161

BEZYMYANNYY VOLCANOE

Pruption of Bezymyannya Volcano in December 1961 E K Markhinin Vop geog Kamch no 3:126-127 hs

BIBL-EYBAT OIL FIELD--OIL RESERVOR ENGINEERING Determining certain reservoir parameters on incomplete pressure restoration after well shutdown in the Hild-Lybal off field, F. A. Vezir-Zade, T. 10. Bag irov. Azerb neft khoz. 42. no. 3. 30-31. Mr. 463.

Present petroleum production of the horizons of the lower sector of a producing formation in the 1004-135bit off field. T. M. Guselnov. Azerb.neft, kho 1 12 no. 3, 31-37 Mt 464.

BIBLE

Stolen by the church. M. Nepriakhin, V mire knig 6 no 11:8 N 166,

BIBLE-INTERPRETATION

Rew currents in Orthodox exegesis. N. 9 Gordienko. Vop much ateiz, no. 1450-178 466.

BIBLE-LEGENDS

The sensible robber in Apocryphal Ricerature and Old Russian art. V G Putsko Trudy ODHL 22-197-110 '66,

BIBLIOGRAPHIC CLASSIFICATION Fire Clientification, Bibliographic

HIBLIOGRAPHICAL SCHVICES

A conference on the problems of hibliographical Information in medical fibration, T.P. Suv bild, no. 5 106-108 [66]

DIBLIOGRAPHY

The boginning of a great bibliography. III, Byskin. V mire knig 6 no 11:33 N '66.

Book chronicle | Knizh, let. nes. 2-6 167.

[Catalog of publications 1 occived by the World Data Center B1 Kat, publ. Mir. tsentra dan, B1 Jely-Dec. 1962 no. 8 '62; Jan. - June 1965 no. 13 '65; July-Dec 1965 no. 14 '66

(Chronicle of the publications of the White Russian S.S.R.) Let. druku BSSR no. 9, Sep. 1966 Daparnoving is pakazal'niki publ. '08,

Defense of dissertations. Vest. AN Kazakh. SSR 16 no. 1-93 Ja 163.

Important problems. C.P. Penotov. Sov. bibl. no.5 3 14

Information index of bibliographical lists and card files] Inform, ukaz. blbl. spis. i kart. 11 nos. 1-2 Ja 167.

Materials on the history of old Runsian bibliography. E. E. Granstrem. Trudy ODRI 16:409-411 '62,

New bibliographies. V mire knig 6 no. 11:12 F '66.

New books. Dop. AN URSR no. II,1532-1534 #62 New books. Nov. mir 30 no. 3:287-268 Mr 463.

(New books of the U.S.S.R.) Nov.knigt SSSR nos. 2-4

[New literature on science and research abroad] Nov. lit. o nauke I nauch. -issi, rab. za rub. nos. 10,13 '66

(New Soviet literature on science and general research in the U.S. S.R.) Nov. sov. lit. o nauke I nauch, -issi, rab. v SSSR no. 12 '66.

BIBLIOGRAPHY-AFRICA

[New Soviet and foreign literature on the countries of Asia and Africa] Nov. sov. I mostr. lit. po stran. Az. I Afr. no. 12 '66.

BIB LIOGRAPHY—AGRICULTURE

[Agricultural literature of the U. S. S. R.] Sel'khoz. lit. SSSR no. 12 '66.

BIBLIOGRAPHY-AGRICULTURE (Continued)

[Information bulletin of new foreign books, received by the Lenin Library Series 2] Inform bitt nov inostratic, postup v Bill im V I Len. Ser. 2 10 nos 1-2 Ja '67.

[New foreign books, Series V Biology, medicine, agriculture] Nov kulgi za tub. Ser V Biol., med., sel', kbuz II no 1 Ja '67

BIBLIOGRAPHY-ANTARCTIC REGIONS

Bibliography, Inform bull, Sov antark eksp. no 58: 86-90 466

BIBLIOGRAPHY-ARCHAEOLOGY

[New foreign literature on history, archaeology, and ethnography] Nov inostr. lit. po ist ,arkheof. 1 etn. nos 11-12 '66.

[New Soviet Hierature on history, archaeology, and ethnography] Nov.sov III. po ist., arkheol i ein. nos.11-12 '66

BIBLIOGRAPHY --- ARCHITECTURE

New books Arkhit SSSR no. 7:62-63 163

BIBLIOGRAPHY---ART

[Diformation bulletin of new foreign books, received by the Lenin Library. Series 3. Social sciences, belies-lettres, and Inform bind nov inostr knig, postup v Bibl. in V. I. i.en Ser. 3. Obshchestv. nauki, khud. lit., isk 10 nos 1-2 Ja '67

[Literature and art of the peoples of the U.S.S.R. and foreign countries] Lit i isk, nar SSSR i zarub, stran

DIBLIOGRAPHY --- ASIA

[New Soviet and foreign literature on the countries of Asia and Africa Nov. sov i lnostr. lit, po stran, Az. i Air. no. 12 '66

BIBLIOGRAPHY-ATHEISM

[New Soviet and foreign literature on the problems of athelem and religion] Nov. sov. 1 (nostr. lit, po vop. ateiz i rel nos 11-12 '60'

DIBLIOGRAPHY -- AZERBALIAN -- HE LMINTHOLOGY

Bibliog: aphic index on medical helmintology in Arerbaijan duting the period of 1876-1962 (tobe continued) G. B. Kaelmov, Sh. A. Makhamudova Arerb, med. zhu. 40 no 9:74-77 S '63.

BIB LIOGRAPHY---AZERBALIAN--INDUSTRIES

Azei baidzhanskala respublikanskala biblioleka, [The lidustry of Azei baijan] Promyshtemost' Azerbaidzhana Baku, 1965. 18 p. (Chto chitat' ob Azei baidzhane, no. 4] ÍMEO

BIBLIOGRAPHY-BEST BOOKS

Matditch, E.E. [Recommended bibliography is your assist-art, for the reader in the public library] Rekomendately-nala bibliografiia - tvol pomoshehnik; chitateliu massovoi biblioteki. Moskva, Kuiga, 1986. 93 p.

New books on heroic soldlers. A. Rogov. Knizh. torg. 17 no 12 13 D 166

Problems of the bibliography of recommended literature in textbooks for the institutions of higher education M. N. Gubareva, B. A. Smirnova Sov. bibt no. 5 70-79

BIB LIOGRAPH Y-BIOLOGY

(Information builtein of new foreign books, received by the Lenth Library. Series 2) Inform.biul.nov.inostr. knig, postup v Bibl.im V I.Len.Ser. 2 10 nos. 1-2 Ja '67.

[New foreign books. Series V: Biology, medicine, agri-culture] Nov. knigi za rub. Ser. V: Biol., med., sel', khoz. H no. 1 Ja '87.

BIBLIOGRAPHY-BULGARIA

[New literature on Bulgaria] Nov. 11t. po Bolg. no. 11 '66,

BIBLIOGRAPHY—CARBOHYDRATES

Akademila mank SSSR. Soktor sett spotsial nykh bibliotek.

[Chemistry of carbohydrates, a bibliographic indox,
1961-1964] Khimita uglevodov; bibliograficheskii ukazatel' (1961-1964). Moskva, Nauka, 1966, 327 p.

BIBLIOGRAPHY—CHEMETRY
[Bibliography of foreign bibliography on chemistry] Bibl.
inostr.bibl.po khim. no.1 '86.

BIBLIOGRAPHY-CHINA-GEOGRAPHY

Literature on the geography and cartography of the Chi-nose People's Republic E. A. Krylova Mat Otd mat geog. i kart. Geog ob-va SSSR no 2 105-106 102

DIBLIOGRAPHY—CHRONOLOGY, HISTORICAL

Local calendars of historical and commemorative dates.

A N. Sakharov. Sov. bibl no 8,19-36 '66

BIBLIOGRAPHY—COMMUNICABLE DISEASES

Soviet literature . M. L. Villshanskaja Zhur mikrobiol . epid i immun 33 no.6:145-151 Je '62.

BIBLIOGRAPHY—COMMUNISM

Documents and articles on the history of the CPST and international Communist and liber movement published in periodicals and achillarly serials in November 1966 Vop 1st KPSS 11 no 119-145 Js 167

In the service of party activists. Part, zhieni no. 1:75

Ja 167

New books. Part, zhizni no.1:75-76 Ja *67.

BIBLIOGRAPHY-COMMUNIST PARTIES

Articles on the history of Communist parties published in foreign per indicals. Vop ist, KPSS, 11 no. 1 138-140 Ja 67

BIBLIOGRAPHY-COMMUNIST PARTY OF THE SOVIET UNION

Documents and articles on the history of the CPSU and international Communist and labor movement published in periodicals and scholarly serials in November 1966. Vop 1st KPSS 11 no 1111-115 Ja '67,

Subjects for ductoral dissertations approved by local councils for the coordination of scholarly studies on the history of the CPSU Vop. 1st KPSS 11 no 1 156

BIBLIOGRAPHY—CONSTRUCTION INDUSTRY

New books Arkhit, SSIR no 7 62-63 163

BIBLIOGRAPHY-COURAGE

New books on heroic soldiers A Rogov Knizh torg. 17 nu.12.13 D '66

BIBLIOGRAPHY—CZECHOSLOVAKIA

[New literature on Czechoslovakia] Nov. lit. po Chekh. no 11 '66; no 1 '67.

BIBLIOGRAPHY-DERMATOLOGY Bibliography Vest derm iven 37 no 3:02-93 Mr 163

BIBLIOGRAPHY -- DUICHEY, IVAN, 1907-

Chronological list of Ivan 5, Duichavis works, M. A. Saimina, Trudy ODRL 18:490-498 '62,

BIBLIOGRAPHY-EARLY PRINTED BOOKS see subdivision under Almenia, Ukraine

BILLIOGRAPHY-ECONOMICS

[New foreign books on the social sciences: economics philosophy, history, international relations Nov.knigi za lub. po obshchesty, naukam, ekon "filos., ist., nezh-dunat.oin. 9 no. il N '66, 10 no. 1 Ja '67.

[New foreign economic literature] Nov. Inostr. ekon, lit.

[New Soviet economic literature] Nov. sav. ekon. lit. nos. 10-11 '68.

BIBLIOGRAPHY--EIDUS, KHAIM TEVELEVICH, 1896-List of Prof. Kh. T. Eidus' principal scholarly studies. Nat. Az. I Afr. no. 8 156-159 '66

BIBLIOGRAPHY-ETHNOLOGY

[Now foreign literature on history, archaeology, and ethnography] Nov. inostr. lit. po ist., arkheol i etn. nos. 11-12 '66.

New Soviet Ilterature on history, archaeology, and chnography | Nov. sov. lit. po ist., arkheol. i etc. nos. ii-i2 '66.

BIBLIOGRAPHY-EUROPE, EASTERN

[New literature on the general problems of the European socialist countries] Nov. III. po obshch problevrop. sots.stran nos. 11-12 '66,

BIBLIOGRAPHY—FISHERIES

Bibliography, Ryb, khoz, 42 no. 11 92-94 166,

DIBLIOGRAPHY-GEOLOGY

[Geological literature of the U.S.S.R.; bibliographical yearbook for 1949-1950] Geologicheskaia Illeratura SSSR; bibliograficheskii ezhegodnik za 1949-1950 gody, Lenlugrad, 1966. 214 p.

BIBLIOGRAPHY-GERMANY, EAST

[New literature on the German Democratic Republic] Nov. lit. po Ger. Dem. Resp. nos. 11-12 '86.

DIBLIOGRAPHY-HISTORY

Foreign reviews of Soviet historical studies. Vop. 1st. 41 no. 12-105-186 D 166.

Historical articles in periodicals published in socialist countries. Vop ist. 41 no 12,184-185 D 186

Historical articles published in Soviet periodicals.

Vop. ist. 4t no. 12:167-170 D *66.

Historical studies which will be published by the "Politiz-dat" Publishing House in 1067. N. S Gudkova. Ist.

SSSR 10 no. 6 212-214 N-D *66.

New books. Vop. ist. 41 no. 12-165-167 D +66.

[New foreign books on the social sciences; economics, philosophy, history, international relations] Nov.knigi za rub. po obslichesty, naukam, ekon., filos., ist., mezhdunar.otn. 9 no.11 N '66; 10 no.1 Ja '67.

[New foreign literature on history, archaeology, and ethnography] Nov.inosti lit polist ,ackheol i ethnog. 11-12 460.

[New Soviet literature on history, archaeology, and ethnography] Nov. sov. lit. po ist , arkheol. I ctn nos 11-12 '66.

BIBLIOGRAPHY-II UNGARY

[New literature on Hungary] Nov. lit. po Veng. nos. 11-12

BIBLIOGRAPHY-IMMUNOLOGY

Soviet literature M. L. Villahanakain 2 epid i immun. 33 no 6145-151 Ic. 62 Zinu mikrobiot.

BIBLIOGRAPHY-INTERNATIONAL RELATIONS

[New foreign books on the social sciences; economics, philosophy, history, international relations] Nov knigit at rub po obshchesty naukam; ekon "filos "ist., mezh dunar ofn. 9 no. 11 N '66; 10 no. 1 Ja '67 , ist, , mezh-

BIBLIOGRAPHY-KALININ, MIRHAIL IVANOVICH.

Kalininskala oblasinala biblioteka. Bibliograficheskii ot-del [Mikhall Kanovich Kalinin, 1875-1946, a list of rec-ommended literature] Mikhail Ivanovich Kalinin, 1875-1946;gg., rekomendatel'nyi ukazatel' literatury. [Mo-skva] Moskovskii rabochii, 1965—39 p. CSI-10

BIBLIOGRAPHY-KARE LIA

Takala, E.1., comp. [Know your country; annotated index of literature for trachers of Kniellan schools] Znai svot krai; amoutrovannyl ukazateli literatur y v porroshedi uchitellam shkot Karelli Petrozavodsk [Kareliskoe knizhnoe izd-vo] 1966 05 p.

BIBLIOGRAPHY-KUYBYSHEV RESERVOIR

HBILDGHAPHY—KUYHYSHEV RESERVOHY

Komsomol'skala gidrometeorologicheskala observatorila.

[Kuybyshev Reservoir, annetated index of published and manuscript works by members of the Communist Youth League Hydrometeorological Observatory from 1957 to 1964] Kuibyshevskoe vodokhranilishche, annetirovannyi ukazatol' opublikovannykh i rukopisnykh rabot sotrudnikov Konisomol'skoig idrometeorologicheskol observatorii s 1957 po 1984 gg. Pod red. P. I. Nikulina i V. M. Shirokova. Tol'iatti, 1964, 87 p.

[MICROFILM] [MICROFILM]

BIBLIOGRAPHY-LANGUAGE AND LANGUAGES

(New foreign literature on linguistics) Nov. Incstr. Ht. po iaz nos. 11-12 '00.

[New Soviet literature on linguistics] Nov. sov. 11t. po iaz. nos. 11-12 '66.

BIBLIOGRAPHY-LAW

Legal literature which will be published in 1987 E. Voro-zheikin. Sots zakon. 43 no 12;52-53 D. 166.

BIBLIOGRAPHY-LEBEDEV, VLADIMIR IVANOVICH, 1894-1966

In memory of V.I. Lebedev. 1st. SSSR 10 no. 6:222-221 N-D 166.

BIBLIOGRAPHY-LITERATURE

[Information buildin of new foreign books, received by the Lenth Library. Series 3: Social sciences, belies-lettres, at I hform, bidl. nov.inosir knig, postup, v Bibl. Im. V. I. Len. Ser. 3: Obstichestv. nauki, khud. iii., isk. 10 nos. 1-2 Ja '67.

[Literature and art of the peoples of the U.S.S.R. and foreign countiles] Lit.i isk, nar. SSSR i zarub, stran

DIBLIOGRAPHY-LITERATURE-HISTORY AND CRITICISM

[New foreign literature on the study of literature] Nov. inostr lit. po lit. nos. 11-12 '66.

[New Soviet literature on the study of literature] Nov. sov. lit. po lit. nos. 11-12 '66,

BIBLIOGRAPHY—MECHANICAL ENGINEERING

Izdatel'siyo Mashinostroonte. [Publications for 1965;

bibliographical index] Izdaniia va 1965 god; bibliograficheskii ukazatel'. Moskva, Mashinostroente, 1966.

BIBLIOGRAPHY-MEDICINE

[Information builted in of new foreign books, received by the Lenin Library. Series 2] Inform. biul. nov. inostr knig, postup. v Bibl. im. V. I. Len. Sor. 2 10 nos. 1-2 Ja 67.

[New foreign books. Series V: Blology, medicine, agriculture] Nov. knigl za rub. Ser. V: Blot., med., sel'. khez. Il no.1 Ja '67.

To the attention of our readers: for 1961 the State Pubishing House for Medical Literature announces the following editions for publication. Vest, AMN SSSR 15 no.14:95 *60.

BIBLIOGRAPHY-MICROBIOLOGY

Soviet literature. M. L. Vill'shanskaia. Zhur miki obiol., epid. i immun. 33 no.6:145-151 Je '62.

BIBLIOGRAPHY-MURMANSK PROVINCE-GEOLOGY

[Study of the geology of the U.S.S.R.] Geologicheskain izuchennost SSSR Glavicol A.N Assovskii di Most in Nauta

[Murmansk Province, period 1956-1960] Mutamanskaloditst', period 1956-1960 No. 1 [Published Intrature] Opublikovannye raboty 1966 393 p

BIBLIOGH APHY-NUSIC, BRANISL AV, 1864-1938

Vsesoluznala gosudarstvennala biblioteka Inostrannot literatury. Branislav Nusie, a bio-bibliographic index Branislav Nusie, a bio-bibliographic index branislav Nusie, i biblibliograficheskii ukazateli. Mo-siva, Kuiga, 1905. 68 p. (Pisateli zarubezhnykh siran) (CaOTU) (MH)

BIBLIOGRAPHY-PARASITOLOGY

Societ literature on problems of modical parasitology and parasitic diseases for 1962 N.N. Dukhaning, Mcd paras (paras bol. 32 no. 2/249-241 Mr.-Ap. '64

Soulet literature on problems of medical parasitology and parasite discusses published during 1962. N. N. Dukhamm. Med park, i paraz, bol. 31, no 5,624-632. S-O 162.

HIBLIOGRAPHY-PHARMACOLOGY

Bibliographical fuder of sorks of Professor V. M. Rata-ak number of the Academy of Medical Sciences of the U.S.S.R., and his cost or keeps

BIBLIOGRAPHY -- PHILOSOPHY

(New for eign books on the social sciences; economics, philosophy, history, international relations Nov. Angi ra rub po obshchesty, naukam, ekon., filos, ist., mezh-dunar otn. 9 no 11 N '66, 10 no 1 Ja '67.

[New foreign literature on philosophy | Nov. inostr. lit. po filos 110, 11 166

[New Soviet literature on philosophy | Nov. sov. lit. po filos no Il '66

DIBLIOGRAPHY-PLANTS-RESPIRATION

Akademiia nauk SSSR, Blblioteka, [Transpiration and its 100 in plant life, blbliographic index for 1959-1964]
Transpiratsila toe znachenie v zhlzni rastenii; bibliograficheskii ukazatel 1959-1964, Soglavlia N.N.TSvetkova, Podred, F.D.Skazkina, Lemograd, 1966, 184 p.

BIBLIOGRAPHY-POLAND

[New literature on Poland] Nov. lit. po Pol'. nos. 11-12

BIBLIOGRAPHY-PRISELKOV, MIKHAIL DMITREVICH, 1881-1941

Chronological list of Mikhall Dmitruevich Priselkov's works D Akazachboka Trudy ODRI 18:476-

RINLIOGRAPHY-PSYCHIATRY

Index of books on neuropathology, psychiatry, and related disciplines received in the State Central Scientific Medical Library during September October 1966, E. A. Akhutu Zhur, nevr. i psikh, 67 no. 1193-135 67.

BIBLIOGRAPHY—RARE BOOKS (see also subdivision under Cher dyn' District; Khallynsk, Saratov Province)

Archival expedition in Mitmansy Province and the Karellan A.S.S.R. in the summer of 1980. L. A Dmitriev, A.I Kopaney Trindy ODRL 18:412-419 to 2,

Report on the archival expedition to the Krasnobousk District, Archangel Province and the city of Totting, Votogda Province in 1960. A M. Panchenko. Trudy ODRL 18 426-431 *62.

BIBLIOGRAPHY-RARE EARTHS

Mironov, K. E., and L. A. Chernikova. [Rare carth cte-ments (including scandium and yttrium), a bibliographic index, 1958-1962] Redkozemel'nye elementy (vkliuchala skandit i litrit), bibliograficheskii ukazatel' (1958-1962 gg.). Novosibirsk, Gos. publ. nauchno-tekhn. biblioteka, 1964. 694 p.

BID LIOGRAPHY—RE LIGION

(New Soviet and foreign literature on the problems of athetem and religion) Nov. sov. i inostr. lit. po vop. atolz. i rel. nos il 12 '86.

BIBLIOGRAPHY-ROZHDESTVENSKAIA, OL'GA ANTONOVNA (DOBIASH), 1876-1939

An index of the works of O. A. Doblash-Razhdestvenskala, a corresponding member of the Academy of Sciences of the U.S.S.R. A.D. Liublinskala, J.S. Sharkova Steel vel a no 29:179-186 '66

BIB LIOGRAPHY-RUMANIA

[New literature on Rumania] Nov. lit. po Rum. nos. 11-12

BIB LIOGRAPHY—RUSSIA—HISTORY
New studies on the history of the U.S.S.R. Ist. SSSR 10 no 6:145-117 N-D 106.

BIBLIOGRAPHY-RUSSIAN LITERATURE

Biobibliographics compiled by the Library of the A.S. Pushkin House. M.IA.Mel'is. Sov.bibl. no.5:76-81

EIBLIOGRAPHY-RUSSIAN LITERATURE-HISTORY AND

Bibliography of works on Old Russian Rierature published in the U.S. S. R., 1958-1959, N. F. Droblenkova, 11ndy ODRL 18,196-551 162

HIBLIOGRAPHY --- RUSSLAN LITERATURE --- TRANSIA --TIONS INTO FOREIGN LANGUAGES

Vecsoluzzua gosudalstvennala biblioteka inostrannol Hieratury, Works of Soviet writers in unslated into forcina languages; separale for eign editions, 1958-1961, a biliography | Profzvedenila sovietskith pisatelel v perevodikh na mosh annye lazyki, otdel'nye za ubezh-nye izdania 1938-1901, bibliograficheskii ukazatel' Moskva, Kulga, 1966 361 p.

BIBLIOGR APHY-SALAIR RANGE-GEOLOGY

History of the study of the relief and meconsolidated deposits of the Salofi Ridge A, M. Malolytho Lev Alt. old Georg ober a SSSR no. 3.15-23-63

HIBLIOGRAPHY-SCIENCE

[Information bulletin of new foreign books, received by the Lenin Library Series 1] Inform bird nov, most knig, postup v Bibl im V.I Len Ser I 12 nos, 1-2 3a 67

It is good to know. V mile king 5 no. 11 22 N 166.

The Libi my of the Academy of Sciences of the U.S.S.R as a coordinating center of bibliographical work in the field of natural Actemes, physics, and mathematics A I Mankevich, Sov bibl no 5 60-68 '64

[New foreign books. Series A. Mathematics, mechanics, astronomy, physics, geophysics, chemistry, geology, physical geography] New Fungt value Ser A 20 no 1 Ja 167

Present-day characteristics of the bibliography of Soviet scientific studies and the problems of its development A I Mankewich | Sov bibl | no 6 3-18 '66

The use of foreign bibliography in the acquisition of books for the collection of scientific literature. A A.Smol's evelt, N.V Medvedev, L F Nikolaeva. Sov bibl. no 5 01-05 '61.

Work of the Library of the Academy of Sciences of the U.S.S.R. in the field of the bibliography of science. S.P.Luppov. Sov.bibl. no.1943-59 '64.

BUBLIOGRAPHY-SHABSHINA, F.I., 1906-

List of I. I. Kulikova's (Shabshina), Doctor of Historical Science, principal scholarly studies, on her 60th britishay Nar. Az i Afr no 6-100 '66

BIBLIOGRAPHY-SKAZKIN, SERGEI DANILOVICH,

An index of Academician S D, Skarkin's works published in 1960-1966 I, N. Damovski, Sted veka no 29 12-15 466

BIBLIOGRAPHY-SLAVIC STUDIES

Works on the history of the Stayle peoples outside the U.S. S. R. published in the "Studies" and other seria publications of the provincial universities of the R. S. F. S. R. in 1906-1965 L. M. Martynenko, V. S. Savchuk. Vop. ist. slav no. 2 277-285 [66]

BIB LIOGRAPHY --- SOCIAL SCIENCES

[Information builtetin of new foreign books, received by the Lenin Library Series 3: Social sciences, bettes-letti es, art [inform blul, nov inostr knig, postup v Bibi im. V I. Lon. Ser 3: Obshehestv. nauki, khud lit., isk. 10 nos 1-2 Jn '67.

BIBLIOGRAPHY-SOILS

Hibliography, Pochvovedente no. 12:107-110 D '66.

BIB LIGGRAPHY --- TECHNOLOGY

[Information buttetin of new foreign books, received by the Lenin Library Series 1] Inform, blul nov. inostr, knig, postup, v Bibl im, V I. Len. Ser. 112 nos. 1-2 Ja 07.

[New foreign books, Series B' Technology] Nov.knigl za rub, Ser B; Tekh. II no.1 Ja '67

BIBLIOGRAPHY—UKRAINIAN LITERATURE

Briefbook reviews Sov tikr, 12 no 1:187-190 Ap 162

BIBLIOGRAPHY-VENEREOLOGY

Bibliography Vest detm 1 ven 37 no 3:92-93 Mr 63

DIBLIOGRAPHY-VETERNIARY MEDICINE

List of works published by the scientists of the Siberian Votermany Research Institute for 1958-1962, P.V. Kovaleva, Shor, nauch rab, SibNIVI no. 11,239-252 '62,

BEBLIOGRAPHY-YUGOSLAVIA

[New literature on Yugoslavia] Nov. lit. po IUg. no. 9/10-

BIBLIOGRAPHY (THEORY, METHODS, ETC)

How to read a book. P. Kerrhentsev. V mile knig 6 no. 10:39-.1 O P66.

Your reading plan. M. Davydova, V mire knig 6 no. 10:41-42 O '66,

BICILLIN

Breillin-Land Breilin-S experimental tiphylology in mandated cabbits N I Solomin Anthorate a no. Il 1031-1036 N 166.

Some correctives for the use of brilling in the traductors splittle LTA Zaitsey Vest derm (von 17 m. 31-36 M. 163

BICYCLES AND TRICYCLES

Effectiveness of switching in cycling, V, V Mithallar R M. Riginov Teor I prak, fiz, knit, opine ti 26-29 N '66

BICYCLES AND TRICYCLES MAINTENANCE AND REPAIR

For those who love mathematics. Schring add of all no. 11 58-59. N. 166.

BICYC LOHE PTANE

Comersions of bridge bieselfe hydrocarbon. This isometration of in the Historical 2.2 The plane in pence of aluminum Chloride. N.A. Relikov, V.A. B. Icva A. I. Plate. Zhur org khim, 2 no 1, 201 (188).

DENNIALS (PLANTS)

Kruzhilin, A.S., and Z.M. Shyer kala, [Blobay of blen mai plants] Biologiia dvaletnikh rasienti, Meskyt, Nauka, 1966. 325 p.

BIG BUSINESS see subdivision under Franci United

BIL'CHENOK GLACIER

Bil'chenok Glar fer V N Vinogradov Vop geng Kameh no 3-111-115 '65

BILE DUCTS-INFLAMMATION

Chamokova, E. F. [Angiocholecystills in children] Ard a kholotslishy u detel. Moskva, Meditsina, 1966. May (Biblioteka prakticheskogo vracha)

BILIARY CALCULI see Calcult, Billary

BILIARY FISTULA see Fistula, Biliary

BILIARY TRACT—DISEASES

Maksumov, D.N., and I.A. Agzamkhodzhaev. (N-1) diagnosis of discuses of the biliary tracff Realgement, nosika zabolevanti zberchnykh putet. Tushkent, Midtsina, 1966. 115 p. filus. (DNLM)

BILIBUBIN

Methylone blue test for the determination of billinb) of the utine O. V. Pakusina. Azerb med., har, in no. 3,30-43 Mi 163

BINDING MATERIALS

(see also subdivision under Uzbekistan)

Effect of the mechanical properties of adhealter of the strength or glass textolites = 0, A kitchet, I A had plant mass, no 12-43-45 for adhealters of the hydrathy of some monomineral binders. L. N. Rudkovich, I at Menrovskafa. Shur trud. ROSNIIMS no 21/10 for his

Mixed binders from come at and per life $-P/M/24D \exp t_0 t$. Shor trud ROSNIIMS no 24:64-72 %2

Properties at and experience in the use of bloder (1) gostypol resin base | F. N. Kurteev and other | 121 profes | no 12 29-31 | D | 166

Study of the processives of white sludge and ways of utilizing it. B. S. Lysin and others. Dop, AS Un at no. 7; 12-811 [63]

Unsaturated polyesters based on oxyalkylated 1, 1 · Bor diphenyl-2, 2 · po opane V V, Kotshek, S V Vince had IU, I Kotzenèva Plast mass no 12 10 · 13 · 166

BIOCHEMICAL SOCIETILS

In the All Union Biochemical Society Biokhimita 28 no 2 366 Mr Ap 163. T. V. Bu leaf if M.

Biochemical aspects in classification of anticholine per use substances $V_{\rm c}$ I, Rozengaz t, Trudy LPMI no 12 140

Changes in collagen during the process of its total activition and reconstruction. A. B. Shekhter and others. Trudy 1-go MMI 40:256-264 466.

Content of ittentum, vanadium and silicon in the collist in fracture of the femure in frage. A.M. Belton, A.P. Skoblin, Traymatologite no. 1(119-152 65).

Effect of large doses of insulin on the cholineatries activity, level of total and fonized calcium, total blood proteins and blood sugar. A.S. Fokin, N. P. 4h dada. N.N. Leont'eva. Pat. fizzol. 1 eksp terap. no. 374 dec

Problem of evolution and the chemical form of motion, R.S.Karpinskala, V.P. Vizgin, Vest Mosk and Geo. 4 Fites, 21 no. 3:35-45 Mly-Je '65.

Regulation of the rate of lysis of collagen implanted in U. body by means of changing its physicochemical parietties L. P. Istronov and others. Trudy 1-go MMI 49: 265-270 '66

BIOCHEMISTRY (Continued)

- Role of contractile proteurs in the determination of the resistance of muscular tissue to change G I Grigor levs Blul eksp biol. 1 med 55 no 5:57-60 My '63
- Savron', E.S. [Animal biochemistry] Blokhimila zhi-Volnykh, Moskva, Vysshala shkola, 1966, 501 p. Some blochemical data in multiple sclerous O \
 Khondrarian Zhan nevi i psikh ob no 12 17691776 488
- Tikhonenko, T.I. [Biochemistry of viruses] Biokhimita virusov. Moskva, Moditsina, 1966. 294 p.

DIOCHEMISTRY-CONGRESSES (see also subdivision under Soviet Far East)

Second symposium on biochemistry of mitochondria in Moscow, 11 Severma Usp sovi biol 62 no 4 456-462 N D 466.

BIOENERGETICS—CONGRESSES

Sovenholanie po probleman uprayliacmogo biosinteza

<u>i biofiziki populiatsii, 1965.</u> Bioenergeties and biological spectrophotometry, reports Bioenergetika i biolugicheskaia spektrofotometrila, [doklady]. Moskva, Nauku, 1967 313 p.

BIOF LAVONOIDS

Bioflayonoid effect of faming substances of cakwood 1, 4 Egorov, 1, M Skurikhin, N, N Erofeeya, Priki biokhim 1 mikrobiol 2 no 6 691-693 N-D 166

BIOGRAPHY

Who is who, G.Urlanis, V mite knig 6 no. 10,16-17 O '66,

BIOLOGICAL APPARATUS AND SUPPLIES

Unit for studying phosphoroscence of micro-objects, 1A. S. Poliakov, IU, M. Rozanov, E. M. Brumberg TSitologija 8 no. 5:677-601 S-O '66

BIOLOGICAL LABORATORIES-EQUIPMENT AND SUP-

- Homogenizer for hard tissues L. M. Okuneva, N. S. Opishchuk Lab. delo no 1899 167
- Methodology for determining our factants in medical biological research. IA. V. Ganitlevich. Lab. delo no. 1.
- Small-dimensional homogenizer V,V, Sevantianov, V,V, Babintsev. Lab.delo no.1,58-59 16 7

BIOLOGICAL RESEARCH

(see also subdivision under Soviet Far East; Ukraine)

An impartant step in the development of blological science, N. M. Stastian Lzv AN SSSR Ser. biol, no. 3.337-347 My-Jo 163

Session of the General Assembly of the Biological Department of the Academy of Sciences of the U.S. S.R. "U.N. Sheherbinovskafa, Izv. AN SSSR, Ser, but no 3, 189-492 492 My-Je 163

BIOLOGICAL RESEARCH -- CONGRESSES

International conference on the biological method Zashch, rast. 11 no 12 51-53 '66,

Biological tasks of pharmacology S V Anichkov, Trudy 1.PMI no 32 8-11 165

BIOLOGY-BIBLIOGRAPHY see Bibliography-Biology

BIOLOGY-CONGRESSES

Vscsoluznyl s'ezd anatomov, gistologov i embi iologov, Tili. [Abstracts of reports of the All-Union Congress of Anatomists, Histologists and Embi yologists] Terisy, Tbilisi, Metsnieroba, 1986, 483 p

BIOLOGY-PERIODICALS

New chemical and biological jumnals. Vest, AN SSSR 36 no. 12:96 D '66.

BIOLOGY---PERIODICITY

The 24-hour rhythm of cell division in tissue cultures N. L. Zaskal'ko Biul eksp biol i med. 55 no 5:101-108 My '63.

BIOLOGY-STUDY AND TEACHING

Connection of physics with blology in classwork and extracurricular studies, TS, B Kats, Sov. pedag 34 no. 8 52-57 Je 166

no. 6 52-57 Je 166

Verzilin, N.M., and V.M.Korsunskata, [General methodology of teaching biology, a manual for students of peda gogical institutes] Obshchata metodika prepodavanila biologii; uchebnoe posobie dila studentov pedagogicheskikh institutov. Moskva, Prosveshchenie, 1966, 362 ρ,

BIOLUMINESCENCE

Automatic calculation of micro-organisms differing in their luminescence color. D. P. Bahadzhanian, V. M. Borodina, L. B. Kaminir. Prikl. biokhim. 1 miktobiol. 2 no. 6 703-706 N-D 166. Effect of medium composition on intrinsic fluorescence

of brown-gray actinomycetes K, A, Vinogradova, V, A, Poltorak- Mikrobiologiia 35 no.5;829-832 S-O 466.

Luminescence of some volatile phytoneides of higher plants, M. B. Razumovich, U. V. Batkov, Dokl. AN BSSR 6 no. 9-586-588 S | 62. Study of photosynthetic pigment systems by emission and eventation spectra of chemitureinescence of chlorophyll in higher plants F. F. Litvin, V. A. Shuvalov Biochimin 31 no 6 1261-1275 N.D '66

Mass transier equation for a biological field A.C. Tem-kin Dok! AN BOSE 6 no. (197-499 Ag 162

DIOMETRY

Intravital determination of the weight of individual animal organs and tissues G M Shikhingana Ize AN SSSR Ser biol, no 3 451-458 My-Je 463.

BIONICS

Hydrobiomes serves the navy A, N_s Shmyrev, V, I, D oblenkov Mor Shor 10 no 10/32-39 $O^{-1}(6)$

BIOSYNTHESIS

Biosynthesis of estriol. K.S. Shar outhlova, N.I. Muray-eva Vop. med khim 12 no.6.563-568 N-D 66

Pifect of amino acids on the biosynthesis of chloricita-cycline 1 A, Zelinka, L Kovachichova, M Gudets Mikrobiologia 31 no 5/816-818 S-O 462

Pifert of Yaray meadiation on biosynthesis processes and decay of phosphoric esters of vitamin B₁ I V Seatts kii. N F Leus Radiobiologila 6 no 6 807-811 '66

Incryy and carbon sources for biosynthesis in sulfatereducing bacteria III I Sorokin Aliki objologna 35 no 5,761-766 S-O 166

Freymatic regulation of DNA biosynthesis in organism P. M. Belnava, V. K. Mazurik Usp sovi biol 52 no 3:313-323 N-D 466

Study of the physiology of metabolt in and morphology of Bacillus hieves var. G. B. as related to the blosynthesis of graniculin-C. V. V. Korshunov. Mikrobiologija 31 no 5682-826 S-O 462.

BIOTIC COMMUNITIES

Dealogic after effects of list eduction of a new species into continental biocenosis, Ondati a in Fut asia AAA Nasimovich Zool zhin 45 no 11:1593-1599 466

BIPHENYL

Electron e change interaction in free iminor vi tetraradi-culs of hyphenyl series V. A. Golubey and others. Zhu org, khim 2 no 11 1916-1918 N 166

Obtaining diphenyl from the raw stock of a benzene fraction of pyrolysis products, R. G. Ism filov, D. 3. Aliev, T. M. Iv mova. Azerb, neft, Phoz. 42 no 5,33-35 My ¹⁶³.

BIRDS see subdivision under Baikal Lake region. Dzhulukul' Lake region; Pamirs; Siberia, Eastern, Taymyr Peninsula

BURDS-FOOD see subdivision under Central Chernozem

BIRDS-IOVENILE LITERATURE

ilzhyts'kyi, V.Z. [Petryk's storks, stories about birds]
Petrykovi chornohuzy; opovidanija pro ptakhiv. Kylv, Veselka, 1966, 62 p.

BIRDS-MIGRATION see subdivision under Far East

BIRDS-PARASITES see Parasites-Birds

BIRDS, FOSSIL see subdivision under Brynzeny region (Moldavia)

BIRDS OF PREY see subdivision under Irkutsk Province

BIRIUKOV, NIKOLAI ZOTOVICH, 1912-

Contage S Viadro, Sov Ukr. 12 no. 1 176-177 Ap 162, A devoted writer. A. Kaiev, V mire knig 8 no. 10:30-31 O 166.

BIRTH MIGHTES

Early topical diagnosis of intracranial injuries in new born infants | C Ch Novikova and others | Vest AM 588B | 17 no 10:11-48 | '62

Some urgent problems of the present-day is sumatology of newborn infants V.S. Kosti ikov. Travmatologiia no. 1.133-140 465.

BIRTHWORT

Structure of coramine M.S.IUnusov, S.T.Akramov, S.IU.IUnusov, Khim.pr is od, soed, no. 5:340-341 '66

BIRYUCKIY ISLAND-HORSEFLIES

Possible epidemiologic significance of the deerly Chrysops (Heterocht yeops) Italicus Mg. on Bhyuchty Island, II, V. Boshko, Dop. AN URSR no. 7:988-

HIRYUCHIY ISLAND-TICKS AS CARRIERS OF DISCASC

Ixodid ticks and their opizootiological significance of Biryuchry Island. IE M. IEmehuk. Dop. AN URSR no. II:1521-1524 '62

BIRYUCHTY ISLAND-TULAREMIA

Possible epidemiologic significance of the decify Chrysops (Heterochrysops) Halleus Mg. on Biryuchiy Island, H V. Boshko, Dop. AN URSR no 7:988-970 '63.

BISMOTH --- ANALYSIS

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BISMUTH ALLOYS-ELECTRIC PROPERTIES

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DISMUTH TELLURIDL CRYSTALS-GROWTH

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DISMUTH OXIDES

Preparation of sedium-bismuth molybelds and timestate M. V. Mokhosov, S. M. Aleikina. Lv. AN SSSR, Neorp mat. 2 po 11:2084 + 2086 N. '66

BITKOV OIL FIELD.—GASES.—SEPARATION Refining a gas condensate of the Bitkov field, V. I. Autonishin, Neft. I gaz, prom. no 1450-61 Ja-Mi '64

BITS (DRILLING AND BORING) (see also subdivision under Azerbaijan, Ukraine) Benches for machining rollers of insert and semi-insert bits. V.S Comberg. Mash, rneit, chor no. 9 22-24

Determination of diameter tolerance of three-cone bit, S.G. Sultanov, P.A. Giandzhuntsev Azerb, neft khoz 15 no 12,43-16 D 466

Fishing cutters and small metal fish - R. S. IAi emili habit. L. I. Uzumov - Neff i gazzpiona - no. 7869 - 2725 - 764

High efficiency of diamond hits, 1°, Skomorokhin Neftianik II no II 24-20 N 460

Institut gornogo dela im.A.A.Skochinskogo. [Rock bi cak-ing with roller bits] Razrusbenie gornykli porod starro-shechnym instrumentom Moskva, Nauka, 1966—136 p.

Shatilov, A. P. [New boring methods and equipment for strip mining] Novata buroyata tekhnika dila otkrytykh rahot. Moskva, Nedra, 1966, 95 p.

face also subdivision under Kobystan) Use of hydrovy acids of the vat residue of synthetic fatty acids in the production of bitumens. I. M. Rudenskala and others. Khim, I tekh, topl I masel 11 no. 12:20-32

BITUMEN-GEOLOGY see subdivision under Azerbaljan;

BITUMFN-STORAGE

Once more about bitumen plant. It Zavadokli, Avt. doi: 29 no 11:16-17 N 106

Simplified closed bitumen storage with electric heating A, M. Rabinovich. Avt. doi: 29 no 1245-16 D. 56

BITUMEN, EFFECT OF TEMPERATURE ON

Graphic analytic method of determining the softening temperature of a bitumen mixture. A 10 Topathesi khim i tekh, topi i masei. 11 no. 11 55-57 N '66

BIYA VALLEY-EROSION

Gully erosion and its natural decrease in the Biya-(humyshforest steppe V, M, Ostromov Izv. Alt. old Geog. ob-va SSSR no 3-56-63 463

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BLACK EARTH see Chemozem soils

BLACK LANDS see Chernyye Zemli

BLACK SEA-ACIDS, FATTY

I atty acids in Black Sca water. A.N.Ushakov and others. Okeanologija 8 no.5;891-881 '66

BLACK SEA -- ANCHOVIES

Behavior of Black Sea anchovy regurding underwater light sources. E. B. Moiseeva, M. F. Sapin. Rvi. khoz. 42, no. 11.18-21, 160.

BLACK SEA-CURRENTS (HYDROLOGY)

Observation of a turbid stream in the Black Sep. 1, V. Pobarchata Vest Mosk un Ser 5. Geog. 21 no 5 pa-100 N-D '56

BLACK SEA-FISH CULTURE

Increase in fish production in limans between Danube and Dniester Rivers. IA I Dimitriev Ryb Rhoz. 42 no. 11-28-30 468.

BLACK SEA-INFUSORIA

Infusor ia of mesopsummon in sand bays of Black Ses V. G. Kovaleva Zool zhu 45 no ll·1600-1611 '60

BLACK SEA-MARINE MICROBIOLOGY

Species and properties of marine periphyton becteris replaced from survices, concret with introlling status IU, 1 Garbento Malachiologia 35 no 5 896-905 S-

BLACK SPA-MARINE SEDIMENTS

Cusers stronger a turbid stream in the Black Scall V Pobnichata Vest Yest Yosk un Sci 5: Geog 21 no 6 99-100 N-D 46

BLACK SEA-MICROBIOLOGY

Microflore of the grounds of the Black Sea IU.I.Sorokin, therobiologica 31 no 5 899-903 S-O 162

BLACK SEA-OCEAN TEMPERATURE

Behavior of advective constituent of heat balance of sea based on data for period of many years. T. N. Shutova Trudy Mor. gidiofiz, inst. M. URSR. 37-83-91-966

Experience in visual observations of the modlinus in sea .Fh Burnashor art others Obeanologica 6 no 5 877-

BLACK SEA-OCEANOGRAPHIC RESEARCH STATIONS Thatty-five sears since beginning of work of Black Sea Hydrophysical Station, V. V. Skulcikin, Trudy Mor-gidroft mat, AV URSR 37 3-19 466

BLACK SEA-OXIDATION-REDUCTION REACTION Nav determinations of oxidation-reduction potential in Black Sea vater B A.Skopintsev, N.N. Romenskara, E.V Smirnov. Okeanologita 6 no 5 799-806 '66

BLACK SEA-OYSTERS

Study of growth or oysters (Ostres tauries Krun) in Black-Sea A I Ivanor, Okeanologiis 6 no 5 869-876 '66,

BLACK SEA -- PLANKTON

Submarint illumination in Black See and its relation to plankton, V. A. Timofeeva. Trudy Mor. gidrofiz inst AN URSR 37 248-255 '66.

BLACK SEA-PLANKTON-COMPOSITION

Studying seasonal variability of pigment composition of plankton in nonthwestern part of Black Sea Z.A plankton in northwestern part of Black Sea Z.A Vinogradova, G.IA.Istsenko, L.V. Antsupova Okcanologila 6 no 5 853-860 '66

BLACK SEA-SEASHORE

Higher precision of quantitative determination of sand displacement in sea. L.G Galanov. Orcanologiia 6 no.5,894-899 *66

BLACK SEA-SEAWATER-OPTICAL PROPERTIES

Measurement of submarine illumination in Black Sea, G.G. Neumm, IU 1 Anikin Trudy Mor gidt oftz, inst AN URSR 37 229-217 766
Submarine illumination in Black Sea and its relation to plantton, V.A. Timofeeva Trudy Mor gidt oftz, inst. AN URSR 37 248-256 166.

BLACK SEA SHIPS SANTTATION

Species and number of rodents on seagoing vessels in the European part of the U.S.S.R. Report No.1: Rodents on vessels sailing the Black Sea F. A. Pushnitsa and others Trudy Gos nauch -issl protivochum inst 16: 233-243 |50

BLACK SEA-TRACE ELEMENTS

Distribution and content of microclements of group of heavy metals in waters of Hlack Sea, based on data of 1859-1064, L., I. Bellacy, Trudy Mor, gidrofiz inst AN URSR 37 199-213 466,

BLACK SEA -- TRAWLS AND TRAWLING

Observations of trawling operations in the Biack Sea, B V Vyskiebentsev Trudy Oxean, kom 14:82-88 52

BLACK SEA-WATER-COMPOSITION

New determinations of oxidation-reduction potential in Black Sea water. B.A.Skopintsev, N.N.Romenskafa, E.V.Smirno. Okeanologila 6 no.5:799-806 '66.

BLACK SEA REGION-ATMOSPHERE, UPPER

Preliminary results of studying "winds" in upper atmo-sphere in coastline region of Black Sca in 1984 N.N Karnaushenko, Trudy Mor. gldroffz, inst, AN URSR 37 179-188 465.

BLACK SEA REGION-ATMOSPHERIC TEMPERATURE

Relation of fluctuations of temperature field of tropo-sphere of coastal regions of Black Sea to geomagnetic perturbations R V.Smirnov, Trudy Mor. gldroftz, inst. AN URSR 37-169-178 166.

BLACK SEA REGION—JET STREAM

Preliminary results of studying "winds" in upper atmosphere in coastline region of Black Sea in 1984. N. N. Kanausheako. Trudy Mor. gidrofiz, Inst. AN URSR 37.179-188 186.

BLACK SEA REGION—MAGNETEM, TERRESTRIAL Relation of fluctuations of temperature field of troposphere of coastal regions of Black Sea to geomagneti perturbations R. V. Smirnov. Trudy Mor. gidt offz. inst AN URSH 37:159-178

BLACKFLIES see subdivision under Siberia, Eastern; Volgograd Province

BLADDER---DISEASES

Changes in the wail of the urinary bladder of cows in chronic hernaturia V.N Golovach, A M Leunishko, Veterinariia 43 no. 12 63-61 D [66]

BLAST FURNACES

Blast furnace operation indices. I.A. Trub. 12v. vys. ucheb. 2a., chem. met. 9 no. 12 37 166

Hadraulic removal of spillage from the skips of blast furnce plants V.G.Skilaga and others. Vod , kan , gidr. soor. no 1 146-152 '66

BLAST FURNACES-COMBUSTION

Combustion processes in a blast furnace with blowing-in of natural gas. Izv vys ucheb rav ,chern met no. 12:28-36 '06

BLAST FURNACES—EQUIPMENT AND SUPPLIES (see also subdivision under Cherepovets, Vologda Province; Zhdanov)

Manufacture and assembly of the precast reinforced conclete elements of the bin nestle in a blast funser stockyard S S Krupennikov, V P. Sukhanov, A A, Shmykov Prom zdan no. 2 36-56 '61

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BLAST FURNACES-FUEL

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BLASTING

Efficiency of breaking vertical ore layers in the sublevel caving system in Krivoy Rog Basin mines P.N. Taran and others Goi zhur, no.11 29-31 N '66,

Efficiency of roof caving methods during manless explosion mining of coal, P. M. Pleskov Izv, vys. ucheb, zav ,gor. zhur 6 no. 5:30-45 '63

Estimating the degree of disturbance of a rock base in V. K. Rubtsov. Gld: stroi 33 no 7:13-16 blasting

Experience in upraise driving by sectional blasting of deep borcholes. A M Baluta and others. Shakht stroi. 10 no.11.18 N 166.

Mobile boring and blasting units. V Mikhailov, E Okol'zin, V. Lamehchikov Sel', strof. 16 no 11 19 N '61

New methods of hydraulic modeling of processes of vontilating mine workings after blasting Lu Go-zhun [Lu Kuo-jung] Izv. vys. ucheb zav .goi . zhui 6 no 5-80-85 63

Parameters of boring and blasting operations during raise driving through deep boreholes. I. E. Crofeev and others. Gor zhir, no 11:41-47 N '66

Rapid mining by boring and blasting method. IU.K. Epifentsev, N I. Golovko, V. L. Orcshkin. Shakht. stroi. 10 no. 11-1-6 N 466

Stopping landslides by blasting, T. A. Kineev and others. Gor Abur. no ll-27-28 N '66

BLASTING-EQUIPMENT AND SUPPLIES

Industrial testing of SUZN-5 universal pneumatic chargera A.G. Pecherkin and others, Gor, zhm. no 11 61-53 N 106,

New flow sheet for blasting at "Buardinskiy" Open-Pit Mino Flow sheet of blasting a peripheral cut is based on following assumptions IA M. Dodis Gor, zhur. no 11 76 N '06.

Results of testing ZDU-50 charge conveying machines. A V. Brichkin, I. L. Zabudkin, V. M. Nizovkin, Goi. zhur. no. 11 54-55 N 466.

Using KZDSh-58 retarders for one breaking in chambers In Tentir-Tan Mine, V.N. Moshkin, A.S. Il'in, A.K. Novikov, Gor. zhur no. Il 77 N 166.

BLASTING-MECHANIZATION

They have mechanized drilling and blasting work, IU.D. Voskobolnikov. Patt I put, khoz. 10 no. 12;13 '66.

BLASTING-SAFETY MEASURES

Blasting operations in underground mining of suifur deposits of Central Asia A. V. Khomenko, P. A. Rastoi guev Gor zhur no 12:62 D '66

Exploding charges for priming low-sensitivity explosives, IU.S. Mets, I.T. Kolesnichenko, Gor. vhur, no. 11 47-

Neutralization of noxious gases caused by explosives in underground workings V.E. Brylinkov, A. B. Pickha-nova, V.IU Riebov. Gorzhur no 12:55-58 D '66.

Quality of the assembly of detonating fuse networks V.K. Rubtsov Bezop, truda v prom. 7 no 5:24-26 My '63.

BLASTING_SPEED

Influence of rock moisture on the speed of breaking during blasting. I.S. Tverdokhleb, V. A. Sharavarov. Gor zhur. no 12:37-38 D '66.

BLEACHING

Method for the regulation of the reaction time in the process of multiple-stage bracking of woodpulp | R Sosnovskii, J. L. Garlevich | Trady VNIB no. 51-140

Stepped bleaching of woodpulp with the use of chloring di-oxide and peroxides. I. P. Kommiov. Bum prom. 17 no 13-5 Ap '62

Biological action of high-energy protons (500 Mey) U. I. Moskalev, I K Petrovich Binlacksp blob i neat 35 no 5 73-77 bly '63

Effect of Paston ella pestis toyle on the hist minusexiofficet of the blood in white rate and guines pigs 1, V Domaindskii, V I Krupenine Biol cksp biol (1994) 55 no 5,10-51 My '64

Rate of managation of ultrasonic agrillations in the bloot, 1 R IEvdokymov Dop AN URSH no 7 921-929 163,

BLOOD-AGGLUTINATION

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Clincial and diagnostic eignificance of the betweenergglutination reaction in Hotkin'n disease, bullion'n abstract M. A. Shjankevich. V. IA Solovel Zhur mikrobjel, epid i immun 33 no 6:89 Je 482.

Homogglutinating properties of eater outruses FC RO 7 N R. Gutman, I I Fallkova - Trudy Mosk nauch - Hal instruius prep - no 3 114-123 '65

Hemaggiutination reaction with similar viruses. P.P. Pille, Vop. virns. 8 no. 4:505-504 Ji-Ag 163

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Use of kinetic hemographitmation inhibition reaction in studying tick-borne encephalitis virus strains 11 | Semenov, G M Stepanov | Vop virus | 11 no 6;717-721 N-D tan

BLOOD-ANALYSIS AND CHEMISTRY

Changes in some peripheral blood indices under the influence of ACTH in healthy persons and children with pasumonia 5, A, Dzhafarova Azerb aned rhumo, 1;38-44 Ap $^{1}63$

Changes in the activity of some blook serum enzymes under the effect of strong stimuli on the body. Id. I Belen'khi, A. F. Blinger, IA IA, Shantor, Binl. vksp biot i med 55 no 5,67-69 My '63

Changes in the activity of some anaymen in the blood ser-

Changes in the content of serum mucopi otems in hepitocerchial dystrophy E. G. Larnkill, D. N. Cherkarlichen-ko, Vop. med. khim 12 no 6 590-600 N-D 166.

Changes in the content of the and copper in the black in hygortension. I. D. Rachinskii. Sov. med. 20 no 12 11-14 D 166.

Changes in the free amino acid content of the block serious in burn disease T.D. Gulfamov | Diseper.khit | Lucst. 8 no 6:44-47 N-D '6J.

Cobalt content of the blood in clderly and old people.
M. M. Korobenkova. Dokl. AN BSSR 6 no. 0;385-385 Lo 162

Comparative merphological analysis of blood in young pink salmon from Sakhnlin and Mur manak hateloric and from natural spawning grounds — A. V. Belova Trudy MMBI no 12,163-175 '08

Content of calcium in the blood scrum of patients with tuberculosis of the minary organs. D. III. Anth Hasink Sov. med 29 no 12 127-129 II '66

Content of nucleic acids in the blood of children with blood diseases M. G. Cradova, N. I. Shokina. Vest. AMN SSSR 17 no. 10:52-59 462

Cyanmethemoglobin method for the determination of hemoglobin and standardization of hemoglobinometry. G. V. Derviz, A. M. Kats. A.S. Kantorovich. Lab. delo no. l: 29-33 '67.

Determination of ammonia in the blood by means of leather mal distillation method A. A. Alfav. Z. M. Alfava. Lab. delo no. 1:19-20 467.

Development of unictoric and atypical forms of Bokkn's disease. A.G.Vinogradova, Azerb, med.zhur. 40 no.4:20-32 Ap '63.

Device for the determination of prothrombin rate. 1A. A. Rozenblit. Lab. delo no. 1:60 '67.

Dynamics of the changes in the content of historine in the blood and cerebrospinal fluid in dogs following replantation of extremities. L.I. Vnisfet'd and others Trudy 1-go MMI 4.3(1):7-205 [66].

Effect of adrenalectomy on tyrosine retention in the liver and on its level in dog and rat blood. T. M. Protagova V. P. Fedotov. Biul.oksp.biol.i med. 55 no.5;63-86 My 63.

Effect of polyglucin on the morphological composition of the peripheral blood in patients with cancer of the stomach, large intestine and breast, I. L. Gol'dman, N. A. Messineva, A. A. From. Vop. onk. 9 no. 3-69-74

BLOOD-ANALYSIS AND CHEMISTRY (Continued)

- Frect of thy old her more on gineous-6-phosphatase acti-vity in the liver and blowl G. A Dosta. Binl eksp biol 1 n cd. 55 no 6:54-61 Je 63
- Pyammation of hydrocortisons in the blood plasma and 5-hydroxymdoleacetic acid in the urine in alopecia arenta G I Marzecya, L S Bassadyk Trudy I-go MMI 43 177-183 165
- the thology for determining isomeoimic acid hydroxide in the blood R. A Tofic. Lab delo no 1,17 467
- Nicket content in the body of elderly and old people, M.M. Korobenkova Dokt. N. 1988, 6, no. 8, 527-526 Ag '62
- Noticial cobalt content in the blood of man. L. I. Idel'son, F. D. Zimbotskita Problegemat i perel krovi 8 no. 3 10-14 Mr. 163
- Quantitative method of determining vitamin A and constens in "hole blood V. A Kai pacheva Biokhimita 28 no 2:204-209 Mt-Ap '63
- Yanthine oxidese in blood of new-born infants and in renous and irthoplacental blood of mothers. I K Gurskafa Doki AN BSSR 10 no 9 701-706 S 466

BLOOD-BRAIN BARRIER see Hematoencephalic barrier

BLOOD-CIRCULATION

Abramovich, K.G. [Functional diagnosis of cardiopul-monary insufficiency in pneumokoniosis, methods of examining functions of respiration and blood circulation in patients with pneumokoniosis] Funktsional!-naia diagnostika legochno-sei dechnol nedostalochnosti pii pnewnokoniozakh, netody Issledovanila funitshi dyshanila i krovodu ashchenila u bol'nykh pnewnokonio-zami, Moskva, Meditsina, 1966, 82 p. (Biblioteka prakticheskogo vracha) (DNLM)

Changes in the gaseous metabolism and hemodynamics following re-ection of the lungs in tuber culosis. B. I. Zi-lin, V. V. Saverov, N. G. Saverova - Khiringlia 12 no il 196-100 N. 46.
Effect of panglionic blocking agents on some indices of

blood of culation and respiration V. M Vinogradov and others Disper khir ronest 8 no 6 61-66 N-D '63

- It alustion of the methods of digital and instrumental mili al comissu otomy according to operative hemodynamic changes. E. N. Meshalkin and others. Khirutgita 39 no 2:25-31 I 163
- For translate to the point of culation during the agonal period and during resuscitation following clinical death 10 M. Levin Birl, eksp. biol i med 55 no 5; 33-36 My '63

BLOOD-CIRCULATION, ARTIFICIAL
Causes and treatment of anomia developing after operation on the open heart under conditions of artificial blood circulation S. A Gad/hiev, A A Voronov, IU. V Kurilov Khirurgita 39 no 2,31-36 F '63.

Operations in mitral stenosis under conditions of artificial blood effectation—L.Shimkovite and others—Khiturgiia 39 no 2:21-26 F '63.

BLOOD-CIRCULATION, DISORDERS OF

Acute disorders of spinal blood circulation, D. A. Markov, 1. S. Gitkina Zhur, nerr, i psikh, 67 no 1/38-42 /67,

Dim stic action of ACTH, contisons and prednisons in patients with thrculatory insufficiency So, med 26 no 3:131-133 Mr 163 V. K. Sei kova

Liffeet of the disorder of blood circulation on the nature of the development of tubercular gonitis in an experiment 1. D. Gabibit Dol:1. AN Azerb SSR 18 no 4:77-80 '62.

Effectiveness of the treatment of: culatory insufficiency with the glycoside conchoroside L. A. Loshchinskii Sov med 26 no 3:133-135 Mt 163

Functional changes in the human blood on culation system that there of the apentic doses of ionizing radiation V.I. Koledinov. V. M. Stepanov Trudy Novokuz.

GIDUVA 32 134-139 '65

Insufficiency of spinal blood circulation, E.I. Shakhnov-skain, R.A. Polozova, Zhur, nevr. i psikh. 67 no. l: 45-50 167,

Isthemic invelomalacia, I.P. Sokolov, Zhui, nevr. 1 paikh, 67 no. 1:12-15 '67

State of the blood circulation system in some active forms of pulmonary tuber culosis VI Koledinov Trudy Novokuz GIDUVa 32:33-38 '65

BLOOD-COAGULATION

Central links of reflex arcs in coagulative and anti-congulative blood systems T.M. Kalishevskala, A F Semlokhina, N V.Khakhanova, Vest Mosk un Ser. 6 Biol., pochw 21 no 410-16 Jl-Ag 166

Fibrinolytic and fibrinogenolytic activity of the blood in patients with a grave course of cerebral insultus, M.1. Kuzimin, Zhur, nevr. i psikh, 67 no.1:13-16 167,

Roflex nature of the second physiological anticoagulation system. T. M. Kalishevskala, B. A. Kudriashov, Fiziol. phur. 46 no.10;1234-1239 O '62.

Recalls of a comprehensive study of the congulative system of the blood in fresh closed injuries of the head A.G. Kurbonadze Azerb med. zhur. 40 no 2;30-39 F '63.

BLOOD-COLLECTION AND PRESERVATION (see also subdivision under Gorkly Province)

Lifect of preservation on the pseudocholinesterase activity in donor's blood and its significance in the treatment of apnoca N.V. Prakhov, \ O Sukhoza Eksper Phir i agest 8 no 668-69 N-D '63

BLOOD-CORPUSCLES AND PLATELETS

Cellular composition of white and red blood in Vilantic and Haltic salmon (salmo salar L.) embryos and its changes in the process of body development — M.1. Vernidab — Trudy MMBI no 12-139-162 - 66

BLOOD-DISEASES

Chronic hypocalcemic encephalopathy in idiopathic hypoparathyroidism. P. Ovcharova, R. Raichev, K. Kostov. Zhur neur i psikh. 66 no 12 1782-1788 166

Clinical picture of Waldensti om's macroglobulinenda V K Polenko, M. V Orlova, V V, Rutkovskii Sov med 26 no 3/127-131 Mr. 463

Immunodiagnosis of the thrombocytopenic syndrome, N I Gromnatskii, Probl. gemat. i peret knovi 8 no. 2-10-16 F 163,

BLOOD—EXAMINATION

Changes in the peripheral blood following the fractional tradiation of animals in small doses. I V Remiro. a Vop. radiablot. 1 105-110 '61.

Changes in the reaction of the blood system to some pharmanages in the reaction of the blood system to some phar-macological actions in tabbils with a tadiation sickness of moderate severity. I.V Remizova. Vop. (adiobio) 1:99-104 461.

BLOOD-SEDIMENTATION

Evaluation of the significance of the expthrocyte sedimonintion reaction in abbits following radiation sickness of moderate severity. I V Remizova. Vop. radiables.

BLOOD-TRANSFUSION

Physiological analysis of the preventive action of dime-dual in hemoheter of ansfusion shock K. A Shaimar-danov Biul cksp biol i med 55 no 6-11-18 Je 63

Study of the physiological cycle of the life of leucocytes, a retyew of literature. Probl gemat, i petel, knowl & no. 2 44-51 F *63.

Transfusion reaction retated to anti-hi antibodies. A Bashlai, Probl. genat. I retel, krovi 8 no. 258-59 F 163.

P '05. Use of addoactive chromium in the study of the adaptation of orythrocytes in transfused blood G, A Guseinov and others Azerb med zhur. 40 no 9,21-26 S '63

BLOOD, GASES IN

Changes in the gaseous metabolism and hemodynamics following resection of the lungs in tuber colosis. B D Zislin, V.V Suverey, N.G Savereya, Khirurgita 42 no, 11 98-100 N '98

Gascous composition of the blood in patients with tumors. V. M. Tankevich, Vop. onk, 12 no. 11-123-124 '66

BLOOD AS FOOD OR MEDICINE

Compound treatment of psoriasis with pyrotherapy, auto-hemotherapy and use of laked blood N. N. Tei -Ka; a-petiants Sov med 29 no. 12-40-41 D '65.

BLOOD DONORS

Regeneration of the blood in donors in repeated blood ex-tractions during a reticulocytic crists. A N. Babit. Probl. gemat. i perol. knovi 8 no. 3,45-48 Mr 163

BLOOD GROUPS

Blood group factors in the lower Catarrhine mankey (Macaeus Rinesus), V P Spit ina Vop. antr. no. 4:21-125 '60.

Clinical aspects of homolytic disease of newborn infants in ABO incompatibility K G Sokolova-Akulova AMN SSSR 17 no 10,48-52 '62

Use of animal serum for the determination of human asythrocyte groups by the ABO system. M. Kout, Probl. genut. 1 perel, krovi 8 no. 2:34-36 F 463.

BLOOD PLASMA

Modern equipment for the drying of plasma and other blood preparations by the sublimation method, a survey of the literature M.V. Podol'skii Probl. gemat i percl. krovi 8 no 3:32-41 Mr 163.

BLOOD PLASMA SUBSTITUTES

Status of some immunobiological properties of the blood in patients with burn disease following transfusion of protein hydrolysates. M. M. Petrov. Probl. gemat. 1 perel. krovi 8 no. 2:41-44 F 163.

Use of the infrared spectroscopy method in the investigation of synthetic blood substitutes, R. G. Zhbankov, N. P. Krivoshuev, G. V. Rentovich Dokl. AN BSSR 6 no 9 592-594 S '62.

BLOOD PLATELETS

Characteristics of the accumulation of radioactive phosphorus in megakaryocytes. N.D. Gracheva.

Lyophile drying of a thrombocyte mass, G.IA. Rozenberg and others. Probl. gemat 1 perel, krovi 8 no. 3:42-46 Mr 163.

BLOOD PRESSURE

Causes of automatic excitation of the respiratory center in frogs Z.S. Dontso/a, V.E. Bir iuko., N. A. Bondarienko.

Biul eksp biol i med 55 no 6 31-30 Je 463

Correlation or intraocular and systemic arterial pressure in artificial hypother rota in animals with the otoricosis I P Popov Problemdok i gorm 9 no 127-30 Ja-

Effect of adienaline and dibenamine on the blood pressure in animals irradiated with X-rays A V Lazovskala. Vop. radiobiol, 4:86-92 [61]

Vasomotor reactions or organs in the abdominal cavity at various levels of arterial pressure. V P. Kulagha Viul. elsp biol i med 55 no 5 i6-20 My '63

Vasopiessor activity and historhemical characteristic of posterior tobe of hypophysis in normal and irradiated rats DR Begramian S. W. Bahadzhanova Radio biologia 6 no 5 758-1-28 366

BLOOD PRESSURE --- MEASUREMENT

Change in venous pressure in hypertensive patients treated with dibazot P M Kozhara. Azerb med zhar 40 no 9:48-53 S *63

Mathorology of the kymographic recording of pressure in the right heart ventricle in rabbits and cats L. P. Cherkasskii Bini eksp biol i med 55 no 6 116-117

BLOOD PROTEINS

Autoproteolytic activity of the blood in cancer of the cervix uter: A.N. Sarinov, V.A Filov, Vop oak 12 no 11-71-75 (66,

Blood proteins and Epoproteins in patients with chronic deep pyoderms, L.IA, Petrova Vest, derm, 1 ven, no, 12:36-40 462,

Disorders in the protein composition of the blood sorum caused by alveolar hydatids in the liver and its changes in relation to specific and pathogenetic therapy. N. N. Ozeretskovskais, M. I. Aleksueva Med. paraz, i paraz, bol 31 no 5:543-551 S-O 162

Diecti ophoretic examinations of denaturation processes of scrum proteins in cancer of the stomach. Z.B. Notkina. Lab.delo no.1:48-49 67.

Nectrophorette preture of the serum proteins of Karaku sheep, N.Kh. Mekhtiev, Veterinarita 13 no 12:65-68 D '66,

Diectrophoretic study of blood proteins in late syphilis

A K Sheherbakova Vest.der m i von 37 no 3:37-41 A K Sheherbakova Mr 63

Heat electrophoretic homogenization of blood proteins
V I. Okulov, G. V. Profiskil – Blokhimita 28 no 2:277-284 Mb - Ap '63

Protein composition of the blood during the development of salcoma M-1, I., N. Surodeikina. Vop. onk 12 no 11-125-126 '66.

Protein fractions of the blood acrum in epidemic hepatitis in children. K. A. Amir dzhanov, 'r. L. Esibova.

Azoth med.zhar. 40 no.2(19-21 F '63.

Protein fractions of the blood serum in families of patients with subarachnoidal and intracerchi al henor thages. E.F. Davidenkova, N.N. Kolosova, V.V. Grigor'eva, Zhur newr. 1 psikh. 67 no.1:6-13 167.

Sensonal and age a clated changes in the pastein content of the blood serum in white rate. L. N. Surodeikha. Lab delo no 1-92-53 '67.

Shifts in macrostructure of blood proteins following functional changes in central nervous system induced by chloral hydrate A.F. Makarchenko and others Dokl, AN SSSR 271 no 2,498-500 N *66

BLOOD SUGAR

Blood sugar level and state of the \$-cells in the islands of Langerhans following administration of some antithyroid preparations and dishoral R. V. Rudyi. A. P. Dyban Problendok.i.go: m. 9 no 1:44-50 Ja-F '63.

Changes in the content of blood sugar and lactic acid in the blood of athletes during standard exertion in the process of acquiring a good form, N. N. IAkovlov and others. Fiziol, zhur. 48 no. 10:1265-1269 O '62

BLOOD VESSELS

226 66

Date of the physiology of membrane (contact) digestion Report No.4; Starch splitting in the freg vascular sys-tem. A. M. Ugelov. V. V. Chennousova. Biul.eksp.btol. I med. 55 no.5;25-25 My '63.

Effect of preparations and some chemical substances from Intert of proparations and some engineer substances in heaving no nite per injected blood vessels. D. IA. Guscinov. Azerb, med. zhur. 40 no. 4:65-69 Ap '63. Functional state of vessels in experimental plague K. t Mokhin Trudy Gos nauch -issi protivochum inst. 16:53-61 '59

Indispensability of porfusion of the enscular system of an amputated extremity prior to its replantation. G.S. Lipovetskii and others. Trudy I-go MMI 40:220-

Characteristics of mental pathology in lesions of the extraoranial portion of main vessels. L. F. Ravumovskaia-Molukalo. Zhur, nevr. i psikh. 55 no. 12 1617-1623 '66.

Differential diagnosis of pulsating formations in the neck. G. L., Ratner. A. A., Fokin. Khirurgita 30 no. 2:142-143 F. '63.

BLOOD VESSELS-DISEASES (Continued)

the property of the captures of the property of the captures of the captures of the property o

or to take such the conditions of acre experiment, probability teport B = 0 also \$\frac{1}{2}\$ to 1 fpwets-BH. Treb 1-10 I H 40 217-210 bit

BLOOD VESSELS-INNERVATION

Cortial Indiacy ceffs area in examinative and indi-ceign late of 1 section 1 M. Killson of Gris Something N.V. Khathing C. Vest Most in Sect Biol., path 21 to 410-16 July 96

BLOOD VESSELS-RADIOGRAPHY see Anglography

BLOOD VESSELS ... SURGERY

Chinges in the mischancel properties of synthetic easeur-lain ploathises (N. B. Bobro at A. D. Drogatise) Khungita 39 no 2137-141 F 163 Surgery on the bized vessels and nerves to acuty rediction

sickness I.A.M.Phik, Med rad 7 no. 8 17-52 Ag 162

BLOODLETTING

Effect of longing reduction on animal sensitivity to lethal blood loss VF Cherkisov Vop radiobiol, 4 165-

Use of the method or introvital bloodletting from the retto-cribital venous pievus in small todents in field and laborator, our Frant Shi-ts., [Han Shih-chieh] V. V. Pogodina. Voposius, 8 no.4-519-512 Ji-1g 63

BLUMENAU, LEONID VASIL'EVICH, 1862-1931

Leonid Vasil'evich Blumenau, on the one-hundreth anniversary of his birth. IU F Shul'ss. Zhur nevr i paikh, 63 no 1,140 '63

BOARDING SCHOOLS

(see also subdivision under Mogadishu region, Somalia) Boarding schools for children of preschool age in a submitted and are. A Sychesa Arthur SSR no 6 37-39 163

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TECHNOLOGICAL INNOVATIONS
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D 166

BODY, HUMAN

Trankvilitati, N.N [Vital activity of the human body]
Zhiznedetatel'nost' organizma chetoveka. Moskva, Znante, 1986 71 p (Narodnyl universitet Fakul'itet
zdorov'ia, no 24)

BODY FLUIDS

Significance of the duration of conditioned signal action in interoceptive reinforcement L, V, Itina Dokl AN RSSR 6 no 8 531-533 Ag | 62,

Use of paper electrophoresis for the division of some acids of the citic acid cycle in biological fluids A. Petrum'kina. L.I. Silina. Lub.delo no.1-23-25 '67.

BODY FLUIDS-ANALYSIS

Simple method for determining the concentration of 3-fluorout acil in biological fluids A. Z. Smollanskuin, N. N. Sgadhanova, Vop onk 12 no.12 70-73 '66.

BODY SIZE

Wesoiuznyl zaochnyl institut tekstil nol i tegkol pro-

for the improvement of the skill of designers and model-makers of tailoring enterprises Razmery i forma telacheloveka; tsiki lektsii dia zaochnogo usovershensivovanila znanii konstruktorot-model'ei ov shteinykh pred-prifatit. Moskva, 1962. 37 p. [MICROFILM]

BODY TEMPERATURE

Measuring of temperature in laboratory animals with the use of electrothermometer TEMP-80. M.S. Porodin Lab delo no 1:54-55 '67.

BODY TEMPERATURE—REGULATION

Changes in the body temperature of white mice following total reentgen irradiation K, K, Poplavskii Blul eksp biol i med 55 no 6;48-51 Je '63.

Disorders in thermolegulation in brain lesions N. A Popova Sov med 26 no 3 72-75 Mi '63

Effect of decreasing temperature on the binding of totano-tovin in the central nervous system of warm-blooded annuls IU Effs, E. Rashkova, Trudy LPMI no 32 178-182 '65.

Physiological mechanisms of chemical thermoregulation. K P. Ivanov. Fiziol. zhur. 48 no. 10 1225-1233 O '62

State of thei more guiation into tal air ophy of hypothalamic rucks. V. R. Purus, 10. A. Muchander, V. S. Osapos. Zhur 100 (1. 1 posth. 66 no 12 1789-1797) 466.

BODY WEIGHT

Intravital determination of the weight of individual animal organs and tissues. G.M. Shokhan and Jr. AN SSSR Ser biol, no 3 154-158 My-Je 163.

BOGACHEV, VLADIMIR VLADIMIROVICH, 1891-1965

Vladimii Vladimii ovich Bogachev, 1881-1965 Fber in Pateont, dan no 4 121-123 466.

BOGS see Swamps

BOHENIA-JIISTORY

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BOILER EXPLOSIONS

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Dynamic structure of a high-temperature gas-vapor block operating according to the LaKTI-LIP system S. Y. Kautor and others. Leveys nebeb zav., energ 9 no 11:37-13. N. 766

Pfficiency of using the heat of the flue gases of industrial boffer eyeterns. N P. Karragin. Prom. energ. 46 no. 1;9-12 Ja 461.

Improvement of intradium, systems of Bi.2-50-301 holiers, IA.I.Dul'ko Elet sta 47 no 11-81-86 N 166

Increasing the operational reliability of all heaters in high-temper ature at heating operation V. A. Lokahin. L. I. Pavicuko, K. M. Taldykin - Unergomashinosti ocute 8 no 8 33-31 Ag '62.

Modernization of vertical water-tube bailers. 1, P. Beginn, 1.G. Lysenko Split prom. 28 no. 1 31-48 162

Networks for the mechanization of fuel supply operations of small electric power plants and industrial boiler systems, N.I. Spiridonov, Prom. energ. 16 no. 129-36 Ja '61.

Once more about complete units for industrial boilers, A.B. Rabbabaev. Prom. energ. 16 no. 1-60 Ja '61. Operation of a furnace-gonerator V G Gerralmov, V.P. Beiov. Gidroliz i lesokhim prom. 19 no. 8 '7-28 *6G.

Study of heat exchange in a counterflow gas suspension with braking elements in the limits of the change of the Reynolds numbers 10 10\frac{1}{2} \text{Re} \cdot \frac{1}{2} \text{ for } 10\frac{1}{2} \text{ G.} [I] \text{ Fig. } 10\frac{1}{2} \text{ G.} [I] \text{ Fig. } 10\frac{1}{2} \text{ G.} [I] \text{ Fig. } 10\text{ Fig. } 10

Thermal operation of the indiational heating amfaces of the botter of a 300 Mw, block 1U, V Vikhiev, M M, Prizaliatkovskii, V S Shehetkin, Elek, sts. 37 no. 11; 11-16 N '66.

Water heating boliers with 0.7 atm. rating. Proto, energ. 16 no. 1:64-3 of cover Ja '61,

BOILERS-CLEANING

Ruznelsov, N.V., G.I. Luzhnov, and L.I. Kropp. [Clean-lug of the heating su faces of boilers] Ochletka poverkhnosici nagreva kotel'nykh agregatov. Pod red. N.V. Kuznetsova. Moskva, Energiia, 1866 270 p.

Prestant chemical cleaning of a 300 Mw. block, R.K. Gronskii and others Dick sta. 17 no. 11:7-11 N 166.

BOILERS -- CORROSION

Vanadium corrosion in holler systems. R. A. Lipshtein, S. E. Khaikma, E. S. Ginzburg, Toploenen getika 3 no. 2:61 F '61.

BOILERS-FIRING

Burning of natural gas in pulverized coal furnaces, A. K. Vnukov and others. Teploenergelika I no. 2-36-10 F 161.

BOILERS-INCRUSTATIONS

Effect of chlorine ions on the corrosion cracking of IXI8H9T austenitic steel. F. A. Akol'zin, I., V. Korneeva. Teplocnongetika 8 no. 2:55-60 F '61,

BOILERS, MARINE

Selecting automatic control system for steam power units on ships, E A. Papernyi, I.L. Eldel'shtein. Trudy Kal. tekh. inst ryb. prom. 15 72-78 162.

BOLLWORM

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BOLISHAYA RECHKA RIVER (BURYAT A S S R) --MINNOWS

Bloogy of common minnon of Bolt, have Recht's Recognition of P.S. Sharkov, T.G. Toporkov, T.S. Blot, proportion of the Health of

BOLISHAYA RECHKA RIVER (BURYAT A S.5 R) -

Raising young Caregonus autumn dis Pall, In pender f Bolt driva Rechko Fith Hatchery — P. S. Storiko , E.C. Poporlox, D.S. Norenko — E.V. Biol, "geog-much — i mst. fik un — 18 no 17 to 50 365

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Structure of an lent formation) in the Holbihaya Shera bashi (kuznetek Alatan) - V-M TALO shevich - Ga of t geoff - no 1171-70-763

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HONE GRAFTING

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I sperimental intraoseous fixation in hone grafting for

incomedullary obteosynthesis with the use of philical atorian plants. F. M. Bakullo. Travimutologla no 1,158-161 465.

O decayathesis using homotromaplants in open infect to tracture it. V.1. Motorento. Travandologila nect.

BONE IMPLEMENTS soo subdivision under Kerch

BONE PRODUCTS AS FELD

Has of phosphorus-conatining varies for the production of field precipitate (1, N, Plankova, A I Shapeev Khim v with those 1, 1, 10, 12, 51, 50, 11, 100.

Indicator and projection anatomy of the neuropassillatunly of the lower extremity in connection with tor-and joints, A. A. Travin, "Trudy bust, in: N. V. Skilf, 7,105-110-163

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BONES-CANCER

Malignant degeneration of osteodystrophils deformings Paget's disease. M. K. Klimnys Vest real [18] 17 no 1:15-50 My-Je '62

Obscor, included of domach concern followisaling, V.M. Mediact dedic, Vop. onk, 12 no. 12 56-51 hb., Results of radiotherapy in Pwing's tumor. C. t. Mirco-Ved limit Frad., 37 no 3,51-50 My-Ja 562

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1 throus dyspinate of the bones with preferable localiza-tion in the skull - 1, 1, Molokovo - Trudy Naveluz GIDUVa - 32:111-113 - 45

BONES--TUMORS

Adzhi-Mollagy, A.A. [Primary tumors of the bores]
Perviciniye opukholi koster, Tushkent, Meditaha, 1986 92 p illus, (DNLM)

Five caree of transion mation of an epicoblasto-jational into a soccome. A.G. Sadykhov. Azerb med. shu, no. 8.41-62. Ag. 180.

Osteold osteoma IA, B, Ridin Ventagent Lind, 37 no 3:70-71 My-Je 62

Tumors of the hand honos. A.G. Sadykhov. Azerb. no. i zhar 40 no. 9:12-20 q 163.

BONUS SYSTEM

lifficiancy of production and remuneration according to annual results. O. Kravchouko. Sots. trud 11 no. 12: 9-14 D 160,

For workers of enterprises on practice in transferring to the new system of planning and economic attinuable a Sots. trud 11 no.14:62-66 D 46.

How are bonuses paid? R. A. Khachaturov, E. Giunsburg Stroi. i arkhit, 117b. 6 no 4.36-37 Ap *65

BONUS SYSTEM (Continued)

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BOOK COLLECTING

The very first book. B. Chelyshov. V mise knig 6 no 11:13 N $^{16}\mathrm{b}$

BOOK INDUSTRIES

At the Committee for the Direction of the Soviet Press attached to the Council of Ministers of the U.S.S.R. Knizh torg. 17 no 12 3-4 D. 466

Facts and figures. Knightory 17 no 12:30-31 D 166 In favor of socialism A. Goverov, Knizh terg, 17 no 12 30-32 D 466

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BOOKBINDING

How to bind a periodical V (abkola 21 no. 1254 D 188 V Gerasimov Semila i

Trends in the development of stitching and bookbinding machines M M Plotkin Poligr proize no 9 37-10

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BOOKS---REVIEWS

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Facts, finds, and information. V there knig 6 no.12' -40° 11 D $^{\circ}66$

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How to read a book, P. Kerzhentsev, V mite knig 6 no 10:39-41 O '66, In the spirit of meditation, L. Podvolskit, V mire knig

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Our oldest friend. L. Minakov. Semila i shkola 21 no Hrle-21 N '66.

Reading and rereading, B. Anin. Doshk. vosp 30 no 12. 70-73 D 166.

A second passport to life. IU. Subbotin, S. Puranov, Knizh torg 17 no 12 5-6 D 166.

A "teacher" from Boevo, A. Petrin. V mire knig 6 no. 11:46 N '66.

When books are with you. A. Briukhanov, V mire knig 6 no. 10:22-23 O 160.

BOOKS AND READING FOR CHILDREN

A family of workers. A. Pershin. Semila i shkola 21 no. 12:12-13 D 166

BOOKSE LLERS AND BOOKSELLING (see also subdivision under Ukraine)

Booksellers are the popularizers of books. B. Reznikov. Knizh torg. 17 no 12,40-41 D '66

Legal consultation. Knizh.torg. 17 no.12:45 D 160. Life among books. E. Gamze. Knizh. torg. 17 no.12: 20 D *66.

Retail trade (conclusion). A. Kuznetsov, M. Martynova. Kolzh. torg. 17 no. 12 25 D 166

A second passport to life, IU, Subbotin, S. Puranov Kutch terg 17 no 12 5-8 D 166

Stroing for good and timely advertisements 1. Raskin, Knizh torg 17 no 12 32-23 D 466

Struggle for rhythmic work I Tiagai, Knizh.torg. 17 no 12 13-14 D 466

BOOKSTORES see subdivision under Crimea, Kharkov; Kiev, Ukraine, Zaporozh¹ye

ROOLEAN FUNCTIONS

Algorithm for the simplification of disjunctive normal form of Boolean functions. It I Aprion. Kibernetika no o 12-11 N-D 466

BOOT AND SHOE INDUSTRY see Shoe industry

Trends in the design and color range of footwoar for the 1962-1963 season O.P. Kisel'ov. Leh prom no.2. 51-53 Ap-Je 162

BOOTS AND SHOES, RUBBER—TESTING

Topographic method for evaluating the changes in rubber footwear under service conditions. D. I. Fedinsin, L. S. Galanova, Kauch. i.e. 21 no. 6 17-19 Je 462,

(see also subdivision under Kazakhstan)

fibiliting effect of borates on the three-phase reaction of hydrolysis by & -chymotrypsin of nonspecific substitutes, I.V. Bereim and others, Dokl. AN SSSR 171 no 54213-4216 D 566.

BORIDES

Catholise method of preparing chromium, molybdomum and /h confum bordes A. T. Gorbunov, Porosh, met. 6 no 1152-56 N *66.

(see also subdivision under Kazakhstan; Russian Platform)

Air duilling in seismie prospecting P.F. Diremov, V. M. Sidorov. Razy i oblitanch 29 no. 3:18-50 Mi

Bulatov, V.V. [Mechanics of rock breaking during extra-deep drilling] Mekhanika razrushenila gornykh porod pił sveikhglubokom burenil – Novosibli sk., Nauka, 1966 223 p

Classification of blasthole and borehole drilling methods and areas for their efficient use V. F. Zinin, Izv. vys, uche'r, zav gor. 2hur, 6 no. 5:96-100 '63

Determining the all flow rate in air shot drilling P.M. Stepanov Izv. vys ucheb 7av ,gcol, i razv. 6 no. 6 121-130 Je '63

hatilut gornogo della im. A. A. Skochlinskogo. [Rock break-ing with roller bits] Razrushenie gornykli porod staro-shechnym instrumentom. Moskva, Nauka, 1966, 136 p. 1098 of pressure from thill-pipe joints in annular space of burchole. S. M. Kuttev, B. I. Estman, U. Mr. Akhun-dov 171, AN Azerb, SSR, Ser nauk o zem. no 4 76-81 166

Power factor of electric installations in prospecting drilling G.V. Chernik 17v. vys ucheb, zav., geol i 1azv 6 no 1:16-122 Ja '63,

Some studies of vibratory drilling, A, Z, Levitskii, Izv, vys, ucheb, zav, ,geol, i razv. 6 no. 1-107-115 Ja '68

BORING-EQUIPMENT AND SUPPLIES

Thermal stresses and the drilling capacity of certain rocks using jet burners, A.V. Brichkin, A.N. Moskalev Vest, AN Kazakh, SSR 19 no. 1:58-72 Ja 163.

BORING-TABLES, CALCULATIONS, ETC

Accuracy of dates mining the axis of a borehole from its incline and azimuth in separate spots A, M Zhuravskii, A A, Krzhizhanovskaia Zap LGI 50 no 2:81-94 '66

BORING MACHINERY

Changing the speed of drilling depending on the physical and mechanical properties of rocks and the power of bore hammers P. M. Koshul'ko, 17v, vys. ucheb, 2av, gor. /hur. 6 no. 5:01-95 '83. Mechanized ice di ili V. M. Tavrizov. Avt dor 29

no 12:20 D 100

New crane and boring machine. IU. Promzolov, K.Mkulishin. Scil. stroi. 16 no. 11:30 N '61. D-1-30 rotary boring unit. S. F. Semenikhin. Transp. stroi II no. 11:52-53 N '61.

Shatilov, A. P. [New boring methods and equipment for strip mining] Novata burovata tekhnika dita otkrytykh rabol. Moskva, Nedra, 1966, 95 p.

BORING MACHINERY-DESIGN AND CONSTRUCTION

More concerning the URB-4PM and UBSh-1 drilling rigs. IA, A, Fridman. Bezop, truda v prom. 6 no. 5:18-19

New sinker on drills for biasthole boring, V. I. Latskii and others. Gor zhur no 12:43-15 D '06

The "Ural-84" drill. V P. Chuvin, O. T. Kulikov, M. N. Ladin, Gor. zhur, no. 11-50-51 N '66,

Widen the area of use of SVB-2 drills for rotary (auger) boring R L Beinshtein Gor zhur, no. 12:41-43 D '66.

BORING MACHINERY-PNEUMATIC DRIVING

Industrial testing of SUZN-5 universal pneumatic charge ers A.G. Pocherkin and others Got zhar no 11 51-53 N 466.

BORING MACHINERY-VIBRATION

Vibration testing unit for testing end face scale of electroduills. C. N. Cafekin, D. I. Bordingovskii, Mash imaft, obor. no 9.6-9 66

New data on the problem of recovery of drill cuttings

D. M. Dahavadov, G. G. Gasanov - Azerb neft khoz

no 991-16 - 9 - 66

BORES, Saint, 988(ca.)-1015

On the role of iconographic portrayals in the citedy of the literary works thou Borrs and Gleb. A V. Poppa Trudy ODRL 22 24-19 166

BORISLAY OIL FIELD—PETROLEUM PRODUCTION

Treating well bottom zone with nonlonogenic surface-active agents in solvents - V 1 Mith devich, 1 G Pelenichki - Nifteprom delo no 12 18-19 168

BORISLAY OIL FIELD-PETROLEUM PRODUCTION.

Field experiment in heat treatment of well bottom "ones in Oil Field Administration of "Rorislavneft", " L. G. Pelenichka and others. Netteprom delo no it-19-23 160,

BORISLAY OIL FIELD—SURFACE ACTIVE AGENTS

Treating well bottom zone with nonlonogenic surface-active agents in solvents - V 1 Mikhalevich, I , G Pelenichka - Nefteprom delo no 12 18-19 186

BORMANN, MARTIN, 1900-

Bezymenskii, L.A., [In the footsteps of Martin Bormann]
Po stedam Martina Bormana. 2., dop,izd. Moskya,
Politizdat, 1965, 190 p. (CSt-H) (MH)

BORODINO, BATTLE OF, 1812

The battle of Borodino M. Sklin eyekli. Agitator no. 18 11-15 S 162.

(see also subdivision under Ural Mountains)

Efficiency of the use of horon fortilizers in sugar beet growing in the Ukrainc, V. S. Krietnykova, Khim, promitike 1 no. 3-77-78, JI-9-162

BORON-EFFECT ON PLANTS see Plants, Effect of boron on

BORON COMPOUNDS

Decomposition of alkylaromatic hydroperoxides in presence of some baren-containing compounds. M. A. Diozdova and others. Dokl. AN SSSR 171 no. 2-315-316 N 166

Shvarts, E.M. [Boron and its compounds] But Lego socdinentia. Riga, Zinatne, 1966. 20 p.

BORON FLUORIDE

Adsorption properties of aluminum exide treated with bot on fluoride, V. A. Chernov, T. V. Antipina Mosk un Ser. 2. Khim 17 no 519-21 S-O 462

Viscosity of boron trifluoride, G. M. Panchenkov and others, Vest, Mosk, un. Ser 2: Khim 17 no. 5:11-13 others, S-O '62,

BORON HYDRIDES

Decaharane-phosphonitrile compounds, N T. Kuznetsov, 1zv. AN SSSR, Neorg, mat. 2 no 12-225b-2250 D '66,

BORON PHOSPHINES

Equilibrium in the system boron phosphide - iodine IA. Kh Grinberg, N.P. Luzhnaia, Z.S. Modvedova, Izv AN SSSR. Neorg. mat. 2 no 12,2130-2133 D 466.

BORON STEEL-WELDING

Box on alloying of austentitic steel and alloys for welded structures. B. I. Medovar and others. Avtom. svar. 10 no. 12:52-57 N [I. c. D] '66.

BORON-ZIRCONIUM-MOLYBDENUM ALLOYS 800 Zircontum-boron-molybdenum altoys

BOSHKOV, EVGENII TRIFONOVICH, 1931-1965

In memory of Evgenii Trifonovich Boshkov. A.E. Kovarskii and others. Gen., sel.i sem kuk no 273-274 '65.

BOTANICAL GARDENS—BUILDINGS AND STRUCTURES see subdivision under Moscow

BOTANICAL GARDENS—DESIGN AND CONSTRUCTION see subdivision under Moscow

BOTANICAL RESEARCH

Pot compartment with external lighting, V. K. Kurets, S. N. Drozdov, Sel'khoz, biol. 1 no. 0:020-923 '66,

BOTANY see subdivision under Armonia; Asia; Contral Chernozem Preserve; Maritime Territory; Gral Mountains

BOT MY- VIATOMY

Cost in the factoristics of the anatomic structure of the solution step. However, the URL bett share that $t=t_0$

BOLY 1-EWBHAOTOR

Concerbate of from the habited Report of Findings good in the constant of datum of heat tell v.P. W. P. W. at a black habited and 13-13-13

Indian 2012 in otherwise of the charge of the in botan, the III Rudinko. In bot ann. 20 no 114-20 163

Since obtains a results of the embryology or tulip G.G. First. True linet gen to 26 (28-14) (62

FOT ANY -- MORPHOLOGY

Phases of organization diptorism to traploid varies of book the total IA Martishina. Toud, has gen

BOTANY, MEDICAL (see also subdivision under Georgia, Latvia)

Ballish II, K. P., A. L. Vorontsova, and A. M. Kaipukhina.
[Medicinal plants in the treatment of malignant tumors.] Lekarsticinnya i astenila v terapii zlokachestvennykh opuliolei kiev, Zdorov'ia 1966 230 p (DNLM)

Shukhridin, V. N. (Forest drugstore, wild-growing medic-inal plants | Lesnath apteka dikotastushehic let drstyen-nye rasteni i Izd. 2. Perm', Permskoc knigmoc 17d-10, 1986 147 p. (Priroda Permstoi oblasti) (DNLM)

Some problems in the cultivation of nedicinal plants on the transport of G Shocka Apt delo 12 no 112-14 Jn. 21 to t

BOTANY, MEDICAL-MAPS

dapping the ranges of medicinal plants of the flore of the U-FS R (taking into account their distribution by families and species). I F \u00eduseev Restrict 2 no 4481493 his

EOTRYTS.

Participation of dehydrogenoses in the protective reactions of cubbage against Botrytis cinerea - T. M. Ivanova.

B A Rubin - Biothemita 28 no 2 288-294 Mr Ap 163

BOTTLE WASHING MACHINES

these transfer in the process of bottle washing. G.S. Kirlin, Spirit prom. 28 no 50-10 162

Spraying of a filled bottle G.S. kodin. Spirt, prom. 28 no 4 17-91 162

BOTULISM-MICROBIOLOGY

Ciretridium botuinum F. Report Lo. 4, Producing of ind bit antibotulin serum. I. V. Mikhallova. Zhur. 1.12.6101. epid f itamun. 13 no h 56-62 H. 166

Study on some factors influencing the authenticity of botuhin and tetanus anatomit tites follosing the Hocculation reaction. A 1 Voroblev, Z, A, Voronova. Zhur mikrobiol, epid i immun. 33 no 6 77-81 Je. 162,

BOUNDARY LAYER

Using polynomials of the sixth degree in calculating boundary layer in the presence of suction. L. P. Kozlov, A. I. Tsygamut. Prith makh. 2 no. 11.112-117 '66.

HOUNDARY VALUE PROBLEMS

Asymptotic behavior of the eigenvalues and eigenfunctions in a boundary value problem, S.S.Kritstra Dop AN URSR no. 7 866-871 163.

Conditions for existence of the Green's function in a boundary value p oblem. V A. Chen (kov. Dif urav. 2 no 0 1184-1102 5 '66

Firstance theorems for nonlinear boundary value prob-lems G. N. Zhevlako, . IV. V. Komlanko, E. L. Torko, Dold AN BSSR 10 no 9-626-628 'S '86

Numerical methods for finding optimum controls and their use in solving continuer boundary value problems L.V Beiko Vych met (Kiev] no 2;195-201 '66.

Solution of certain external boundary problems for the earth's surface, V V Brotar lzv vys. ucheb. vav , geod, 1 acros no 1,55-72 163,

Solutions to a boundary value problem for stochastic dif-ferential equations Han' Chizhan-tsman' [Kan Chang-ch-lush] Dop AN URSR no. Il 1421-1425 162

Use of Schwarz's method in solving Dirichlet problem in doubly connected region V V Lukovich Vych mat [Kiev] no 2:138-143 '66

Use of the contour integral method in solving mixed problems with mixed type boundary conditions. M Rosulov. Dif.urav. 2 no 9:1201-1913 S '66.

BOW AND ARROW see subdivision under Soviet Central

BOX MAKING

Kilkovskii, P. IA. [Boxes from fibor materials]
IAshchiki iz voloknistykh materialov Moskva, TSevir,
nauchno-issi in-t informatsii i tekhniko-ekon, issledovanii po lesnoi, tselijulozno-bumazhnoi, derevoobratafyraziushchei promyshii., i lesnomu khoz, 1988, 63 p.
(Tara i unakouka) (Tara i upakovka)

[MICROFILM]

BRACHIOPODA, FOSSIL see subdivision under Russian

BRAIN

Comparison of the conditions of system for mation in variate oristum. Clonal states of the net your activity in the child M. M. Koltson. Zhur 138 nerv delat 13 no 4:626-

han 31+45 463 Conditions necessary for system for motion invarious function at states of nervous activity in the child T N Degtin 1 Zhur wys nerv delat 13 noi 631-637 J1-1g

Content of free minne acids adjacent to tricarbovvile acid (1.16 in brain following X-1 ay fir adiation — A TPIKUDN, I I Dongok etch — Dold AN BSSR 16 — no 19 - 36 - 4(1 — O) in

Constitution between the costs at portion of the reticular for portion and the small intestine. O P Polycomystova. I, A Zubkov. But eksp brot i med. 55 no 5.13-16

Character istics of the interaction of signal systems under the influence of Schlzandi a chinensis V. V. Lastovetskii, R.S. Romas' Zhin vys new dewl. 13 no 4 604 -60) Jl-Ag 63

Pifect of decreasing temperature on the binding of tempo-torin in the central nervous system of warm-blooded animals. III Phs. P. Rashtova. Trudy I PMI no. 32 178-182. 165

Effect of the compensation of excessive intrapulmonary pressure on the oxygen tension in brain Ussues during ascents to great heights E. A. Kovalenko, F. V. Babchinskii. Fiziol zhur. 48 no 101203-1208 O '62,

Electrographic data on the work of "biological clotk" in the human brain. L. G. Voronin. V. F. Ronovalov. Vop. peikhol. 12 no. 5-87-91 N-D '66

Flecti ophysiological data concerning the connections of the pullidum with other sections of the central nervous system in man Report No 2, Connections of the pullidum with the spinal condicenters and nutonomic trunk for mations. In Citimen and cases. But easy biols a med 55 no 5.0-13 At 163

Gamma-arunolativi te acid system in animal brain following overstress. I. A. Sympskii, P. L. Aventrova. 111-1 biokhim. Aug. 38. no. 6 586-595. 168.

Mechanism of the action of indopan, E.N. Popova, Zhur, nevi i poikh, 67 no.1 125-121 167

Methodology of determining the content of n-aminobutyric acid in brain tissue E. L. Avenirova and others. Vop. med.khim. 12 no.6.633-636 N-D | 66

Phospholipids in rat brain in ontogenesis. K.G. Manukian, A. A Smitnov, E V. Chirkovskata Bioahindin 27 no 5:859-855 S-O 162

Phosphorus metabolism of phospholipids in the brain in ontogenesis K G Manukian, A. A. Springov, E. V. Chir Poveksia Biokhimita 28 no. 2/246-252 Mr - Ap '83 Some it an sformations of guitamic acid in 1 at hi ain tissue following disturbance of its function as a consequence of carbon monovide intoxication. L. I. Mishchenko, S. R. Crenkel: Ukr biokhun zhur 38 no 6 585-569 '66

spatial analysis of the bioclectrical activity of the brain. M.N. Livanov Zhur, vys. nerv. defat 12 no. 3-398-409 My-Je 162

Sympahetic nature of "spontaneous" impulses recorded in the common nerve trunk of the frog M. V. Kirzon. F. V. Kopytova Biul eksp biol i med. 55 no 5:5-8 My '63

I'vrosine content in bi ain proteins of rats exhausted by repeated "Distalve filts K. I. Pogedaev, N. F. Turova Uki biokhim rhai 38 no 6 396-599 '66

BRAIN-ABSCESS

Five cases of atypical comes in otogenic binin abscesses 1A.A.Kasumov, M.K.Tei on igo ian. Azerb.mgd. zhu. 40 no.4:96-99 Ap '63

BRAIN-BLOOD SUPPLY

Effect of single therapeutic doses of aminarine on cele-bial blood circulation in schlzopitichia according to refecence ophis[oraphic data, 1, 4, Nevzoieva, U.N. Fedorovskii, Zhur, nevr. i psikh, 67 no. 1 123-125

Intrinsic mechanisms contributing to the collecteral circulation in the brain G.I. Michedlishvilt, M.G. Devda iani, Pat. fizjoi, i eksp terap, no. 3;20-24 '61.

New data on the mechanism of intracrantal blood circulation, A.I. Naumenko and others, Fiziol, zhur. 40 no. 10 1253-1259 O '62,

Ultrastructure of cerebral capillaries. N.N Bogolepov. Zhut, nevr i psikh 66 ng. 12 1797-1802 166

BRAIN-DISEASES

Akademita meditsinskikh nauk SSSR, Institut eksperi-mental nod meditsiny. [Role of deep structures of the human brain in the mechanisms of pathological reac-tions; materials for a symposium, June 10-12, 1005 Rol' glubokikh struktur golovnogo mozga cholovoka v mekhanizmakh patologichoskikh reaktsil, materialy k simpoziumu, 10-12 ilunia 1965 g. Leningrad, 1965, 120 n.

(DNLM)

Causes of bit hs of children with carebral defects data for the development of rational prenatal prophylaxis B. N. 'Klosovskii Vest AMN SSSR 17 no.10:32-39 '62.

Chronic hypocalcemic encephalopathy in idiopathic hypoparathyroidism P Oycharova, R Raichey, K Kostov. Zhur.nevi.i psikh. 66 no.12:1782-1788

Clinical and morphological character latter of acute to general nation. M.I. Fedorov. Zhan nevi I pulsh 63 no 1910-26 63

Direction therefore in hypertension with predominant brain symptoms. A 1.5-z-onova - Zhan nevi 1 path ± 3 no.1:58-60 '63

Disorders in ther manegulation in brigh leatons. N. A. Popous. Sov. med. 26 no. 4/72-75. Mr. 43

Larly topical diagnosts of intracrumial injuries in man-bour infants — P. Ch. Novikova and others — Vist. AMS 555R 17 no 10:14-40 '62

Procephalopathy A M. Veger Sov med 29 no 12475.

Organic brain discases in achizophrenia, [18, 11, Kirshue, Zhur, never i pedih, [67] no. 12113-116 [67].
Problems of the localization of functional disorders of the movement analyzer during the clinical course of tecrebral herion. [1, 13] Liveds. Zhur never 1 p. 154 [66] no. 12 1745-1751 [66].

Reciprocal forms of bilateral disorders of blockettic activity in focal cercinal lesions D of Short Pkin Zhao nevi i psith - 60 no 12-1763-1760 56

BRAIN-INFLAMMATION see Encenhalitie

BRAIN-LOCALIZATION OF FUNCTIONS

Elementary temporary connections produced by the association of electrical stimulation of various carefulal structures IU. M. Ullanov. Thur, vys. nerv. defat 12 no 3:540-546 My-Je 162

L.S. Vygotskij and the problem of localization of func-tions. A.R. I write. Vop. paikhol. 12 no. 6-55-61 loc.

Localization of function in the corebral cortex for not Report No 24 Conditioned response netlyity in rate of a excision of the cortex of the co-elpital lebes Dand-Tkha Biul elesp blol i med. 55 no.649-24 Je 54

Problems of the localization of functional disorders of the movement analyzer during the clinical course of receival lesions. L. B. Litvak. Zhur nevr (p. 484-66, no.12 1745-1751-166,

Spatial synchronization of a activity in the corchest cortex of patients with paramoid of fixophronia, V. C. Puskins, V. A. Talavrinov, Zhurrievi, i.p. 65, no. 176-84, 467.

BRAIN-SURGERY

Analysis of the characteristics of the electrical activity of the cerebral cortex after section of the brain atem by the Bremor technique) in dogs at different age periods L1, Gokhbitt, LA, Kormenka Bistokap 14a1 t med 55 no 6.14-19 Je '63.

State of the corehellm muclet following extinguition of the corehellm muclet following extinguition of the large corcheal heart spaces. K. I. Not overhalown. Hill elap biol fined 55 good 2022-201. Ja. 163.

BRAIN-TUMORS

Analysis of the frequency spectrum of human electroen-cephalograms in focal changes in the cortinal cortex O. M. Grindel¹ Zhur vys nerv defat 13 no 4 547-534 31-Ag '63

BHAIN-WOUNDS AND INJURIES

Catechol amines in acute closed crantocarebral trauma in man. E. Sa. Mathia. Trudy 1-30 MM 43 72 % 66 C. Chinges in the brain and spinal cold in a closed train a of the cradium by B.I. Sherapov. Zhur nevs 1 path 63 no.1:156-157 63.

Disorders and recovery of motor functions in duchs following lateral hemisection of the spinal cord. 5, N Ivenes 3 Bittlehap biol. i med 55 no. 5:20-32 My '53

BRAINSTEM

Species differences in the reaction of cholinergic and advenuelle structures of the brainstein. N. A. Klima zov. Trudy LPMI no. 32:165-100 765

BRAKES—MAINTENANCE AND DEPAIR

Organizing repair of electropneumatic automatic brakes A.T. Padovkin, Zhel. dor transp. 48 no 6:76-79 Je 488.

Bratsk (irkutsk province)—balldoad bridges Dismanting metallic span structures using florting supports. P. I. Bakarey, S. M. Trifonoy. Troup, steat, 11 no. 11,19-23 N '61.

BRAZIL--UKRAINIANS

Bucko, Vasyl'. (Vasyl's story; recollections of a Uncalnian born in Brazil] Vasylova istoria, spokady ukraintsia, redzhenoho v brazylii Prudentopolis, oc. Vasyliian, 1863. 130 p.

RREAKDOWN, ELECTRIC
Studying breakdown of sedium chloride in micron and
submicron range of thickness. I S Pikatova Fiz ter
tels 8 no 7:2242-2244 Jl '66.

BREAM see subdivision under Kuybyshov Reservoir

BREAST-CANCER

Breast cancer in males. V. M. Stepanov, G. V. Panénshin Trudy Novokuz GIDUya 32;129-131 E5

Changes in the morphological structure of breast cancer under the effect of radiotherapy, E. L. Neishtadt, Vop. onk, 12 no.12:14-19 163,

BREAST-CANCER (Continued)

Combined treatment of gastric cancer and breast cancer with the use of radioactive gold. V. M. Sitenko and others. Vop. onk. 12 no 12 10-13 166

Comparative evaluation of the international clinical (TMM) and So art clinical and morphological classification of his set unit 1.5 A.Kholdin, L.P.Shpekht Vop onk. 12 no 12 3-6 456.

Decidual transformation of the aterine mucosa in a patient with breast cancer as a manifestation of general hormonal disorders. A. K. Ageev. Vop. onk. 9 no 3 116-118 '63.

Histochemical elamination and content of ketosteroids in the trains of instess generomastic and cancer of the breast A 1 Gnatyshak and others. Klim, onk. no 1 180-186 (65)

Lymphogenic metastasis and its significance for rational planning of the treatment of breast cancer S.A. Kholdin, L. IU, Dynarskil Vop onk 9 no. 3 96-102

Morphagenesis of breast cancer developed on the basis of film o idenomators, N. K. Dickonova Klim, onk, no 1 151-156 165,

Pozduskiov, L.G., and V.A.Rasponomareva, [Cancer of the breast] Rak molochnol zhelezy, Alma-Ata, "Kazakhstau," 1906. 36 p. (DNLM)

Scientian of a method of inhibiting the function of ovaries in breast cancer L. I Kor Klin onk no 1104-110 165 L. I Korenevsku, M P. Ishchenko,

Sev chromitin in benign and malignant tumors of the breast and testicle V. I I obody, K. P. Guning Klin breast and testicle V. onk no 1 168-175 165,

Suphon dramage in radical mastectomies for cancer F. A. Voinov Klin, onk. no 185-87-365

Use of this-TEPA in the treatment of breast cancer. V. I. Ivanitskais. Vop. onk 9 no. 3-103-108 '63

DREAST-DISEASES

Differential Virey diagnosis of diseases of the brenst Lt. D. Tastykovskata - Trudy Novokuz GIDUVa 32:127-128 '65
Functional treatment of the breast in pregnant and partu-

rient women as a method or nipple crack control Mazei Azerb med zhun no 3 29-32 Mi '62

Significance of follicular ovarian cysts in the development of mastopathy III N Korepanov Problemdok (gorm 9 no 1:95-98 Ja-P '63

BREAST-SURGERY

Prevention of secomes as complications of radical mastertomy 10, 4, Guntka, R. I. Sendetskaia Klinonk no 1 88-91 465,

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BREAST-TUMORS

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Possibilities of cytological communition in the diagnosis of by east tumor a under the conditions of a polyclinic K. A. Agamova, I. M. Chalkov. Vop. onk, 19 no. 12:6-10 166.

Prevention of seromas as complications of tadical mistectomy. 10 L Gunka, R. I. Sendetskela Rlin, onk no. 188-91 165

BREDEL, WILLI, 1901-1965?

Willie Biedet as writer, historian, and revolutionary, V. O. Lazalin, Ukr. 1st. zhun. 10 no. 12:90-90 D 166.

DREMISTRAH LUNG

Et omsstrahlung of photon in high-energy election colli-sions V B Baier, V S Fadin, V, A Khoze Zhur eksp t teor. fiz 51 no 4 4135-1142 O '66

Possibility for recording the bremset aliting from radio-active phosphorus in vivo on man. V I, Fecktistov, V.I, Lapchenkov. Vop radiobioi, 4:415-426 [61,

BREST-ARCHITECTURE-STUDY AND TEACHING

The birth of an institute. M. Dubovskii. Vest. vys. shkoly 24 no. 12:35-40 D 166.

BREST-THEATER

Six evenings in Brest. I. Vasilinina. Teatr 24 no. 7: 86-92 Jt 163.

BREST PROVINCE-SOCIAL GROUP WORK

A bridge of friendship A. Voltovich. Agitator 34 no 23 16-10 D 166.

DREVIBACTERIUM-CULTURES AND CULTURE MEDIA

Effect of nutrient medium components on lysine biosynthesis by Brevibacterium 22 culture, L.S.Kutsevs, N.M. Kliueva, Prikl.bickhim, i mikrobiol, 2 no. 6 729-731 N-D 166.

DREWERIES

Parametric series of the production lines in breweries. R.1. Berlin, Spirt. prom. 28 no. 5:14-17 '62.

BREWERIES—EQUIPMENT AND SUPPLIES (see also subdivision under Belgorod)

Michanization of yeast transportation. A.1, Fel'dman, Spirt. prom. 28 no. 5:17-18 '62.

BREWING

From the experience in the processing of the "hubancte" barley, 1,1 Dudkins, Split, prom 28 no 5 36 162.

Oversaturation of beer with carbon dioxide. A.F. Aslanov. Spirt.prom. 28 no 5,8-9 16.2

BREWING INDUSTRY

(see also subdivision under Baltic States)

Prospects for the expansion of the distilling, liqueur vodka, brewing and soft drinks industries Pykhov. Spirt.prom 28 no. 5 1-6 '62

DREWING INDUSTRY-EQUIPMENT AND SUPPLIES see subdivision under Kharkov

BREWING INDUSTRY-RESEARCH

Basic trends in the work of the Central Scientific Research institute of the Brewing, Soft Drinks, and Wine Industry M. T. Denshchikov Spirt prom. 28 no 4:5-

BRICKMAKING MACHINERY

Manufacture of clay brick using the SM-296 A brick-molding aggi egate. A Romanov. Sell, stiol 16 no 11 23-24 N '61

BRICKS

Results of using defective bricks. 1. Vladimit ova. Na strot. itos 1 no. 10:33 O 163.

BRICKS-DRYING

Baskakov, S. V. [Drying bricks] Sushka klipicha. Mo-skva, Strolizd t, 1966. 175 p.

DRIDGE CIRCUITS

Analytical method for studying transients and steads: state processes in a three-phase bridge rectifier net-work I A Zuprovskii, A A IAnko-Trinitskii Tiektrichestvo no 12:3~6 D 466

Calculation of some errors of double transformer measuring bridges, V. P. Karpenko, Astometrika no 3:122-125 466

Design of foredel transfer mers with minimum winding resistance for bridge circuits. A. L. Grokhol'skif, E. L. Kashcheev, N. F. Shmoilov. Avionetria no 5 114-117

Effect of transient processes on the accuracy of a single-channel differential detector. IU A. Skripnik Avtometrila no 3 56-75 166

Measuring circuit of a double digital d. c. bridge, V.P. Kotelinikov. Avtomet 15a no 3,16-18 466.

Measuring circuit of an automatic digital a, c, bridge, F, B, Grinevich, A, V Chebotarev Avtometrita no, 3 11-15 '66,

Glued span atructure of a pedestrian overbidge R I Bergen, V V Siber Avi dor 29 no 12:10-11 D '65 High-atrength bolts prevent derrangement of rivets and crack formation G.K. Evgrafov, V.O. Osipov Put' i put. Ploz. 10 no. 8 26-28 '66.

BRIDGES—DESIGN AND CONSTRUCTION
(see also subdivision under Ob' Valley)
Asphall concrete payement on metallic bridge floors,
V. A. Zakharov Avt. dor 20 no. 11-19-11 N 166

Chlculation method and the accuracy of geodetic work in building bildges. A.F. Lints Izv. vys. ucheb. 78v., geod. i aerof. no. 9:3-0 '62.

Construction of a road bridge. V V. Atekseev, Sh A Vakaman, N. M Glotov. Transp, stroi. II no 12:17-18 D 161.

Helicopiers in bridge construction, M.G. Lazebnikov, Avt. doi , 20 no. 11,13-14 N *66

Kirilloy, V.S., ed. [Bridge construction] Stroitel'sive mostov. [By] N.M. Kelekelov I dr. Moskva, Transport, 1966, 575 p.

Recent developments in the construction technique Stroi. i at khit. Len 25 no 5:36 My 163

Torgonskii, M.N., V.P.Kı otov, and V.S. Biatin. [Constituction of logging roads and artificial structures] Stroitel'sive leseocapyth dorog i iskussivennyth scoruzhenii. Izd.2., ispr.i dop. Moskva, Lesnaia promyshi., 1968. 390 p.

Use of prestressed elements in a bridge support. A. M. Pomerantsev, IU. V. Krostelev, A. F. Lobanov, Transp. stroi. Il no. 12:42-44 D 161.

BRIDGES—FOUNDATIONS AND PIERS Anchored bridge footings E. P. Dubrova, E. L. Trakkten-berg, G.B. Fuks Avt der 29 no 12:23 D '66.

BRIDGES, CONCRETE

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BRIDGES, CONCRETE—DESIGN AND CONSTRUCTION

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BRIDGES, PREFABRICATED (see also subdivision under Vilnius)

Small-span prefebricated framed continuous bridge. Z. Vetsyagai s. Ayt, dor. 29 no. ll:ll-12 N '66

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BRIQUETS (FUEL)

Experimental coking of briquets from coals with 10 duced coking properties. E. M. Tatts and others. Ross i khim, no. 10 18-20 166.

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BRNO-EXHIBITIONS

International 1966 Fait in Czechoslovatia, P. P. Lebedev, Vest mashinostr 16 no 1945-47 D 66

BROAD BEAN

Transformation of proteins and nonprotein nitrogencontaining substances in the ripening of broad beans (Vicia faba L.) V. G. Klimenko, A. D. Berezovikov. Biokhimiia 28 no 2:238-245 Mt -Ap '63

BROD, IGNATTI OSIPOVICH, 1902-1962

ignatii Osipovich Brod; an obtinary, P. I Kalugin and others 12v, AN Turk SSR, Ser, fiz. -tekh., khim i geol nauk no 6 121-124 '62.

BROMEGRASS see subdivision under Ukraine

BROMINATION

Mobility of hydrogen atoms in monohydroper fluoronikenes and in reinted compounds, ionic bi omination of 2 - monohydropei fluor olsobutane and esters of a field oper three ocar boxylic acids 5 T Kor harian, I M Robbins, I L Knuntants Zhur VKHO II no 6:709-

BHOMINE—PHYSIOLOGICAL EFFECT Characteristics of trace conditioned motor defensive response. A. P. Kovium and others. Zhan vys.nerv detat. 13 no 4886-594 Jl-Ag '63

BRONCHI -- CANCER

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Ffect of ultrasound on oil suspension of butium sulfate
Ftellminary report C. V Panenshin Frudy Novokuz
GIDIVS 32:147-150 65

Significance of segmental brancher and anglography in differential diagnosts of the basic groups of spherical formations in the lungs. M. G. Vinner Khil urgita 42 no 11-81-89 N '66.

BRONZE AGE see subdivision under Caucasus; Tuva

BRONZE FOUNDING

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BROWNIAN MOVEMENTS

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BRUCELLA

Disinfecting raw intestines infected with the pathogens of brucellosis. K.F. Lukina Veterinarila 43 no. 12. 88-91 D 65.

Resistance of Brucella strain No.19 to environmental conditions. A.V. Selivanov. Shor nauch. 1ab. SinNIVI no. 11 67-69 162.

Studying some properties of the hacterial aerosol from strain No 18 (Erucella abortus) A.V. Selivanov Sbornauch, rab Sibnivi no 11-71-73 '62

Type specificity of brucellar phages. M. S. Drozhevkina. Trudy Gostnauch. -1981. protivednin inst. 16:109-116 159.

microbiol . epid i immun. 43 no.11:81-34 N '66.
Use of monoreceptor sets in the indirect fluorescent antibody method for the differentiation of Brucella spectes. M.A. Chernysheva and others. Voterinarita 43 no.11:18-19 N *66.

POLYAL WALDE

Certain characteristics of the anatomic structure of the analysis ten. H.O. Salado. Use had about. 20 no l-20 no 143

BOLANY-EMBRYOLOGY

Citio mbriology or remote hybrids. Report No. 1- Embryo-Cinesis in the crossing of durum wheat and re-Banniko a Ukr bot vini 20 no 13-13 to 3

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BOTANY, MEDICAL

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Balliskii, K.P., A.L. Votontsota, and A.M. Karpukhina.
[Medicinal plants in the treatment of malunant tumors] Lekarstvemye rasteniki v teraph zlekachestvennykh opukholer Kiev, Zdorovia, 1966—230 p (DNLM)

Shukhardin, V. N. [For est di ugstore, wild-growing medic-in I plants] l'esnaia apteka, dikorastushchie le' arstven-nye rastenia 17d. 2. Perm', Permskoe kuramoe izd-vo, 1966-147 p. (Priroda Permskoi oblasti) (DNLM)

Some problems in the cultivation of medicinal plants on the farms 5, G. Shoeva Apt delo 12 no 1-12-14 Ja-1 '63

BOTANY, MEDICAL-MAPS

Mapping the ranges of meditinal plants of the flora of the USSR (taking into account their distribution by namilies and species) IF Massev Rost res 2 no 4 481-143 6n

BOTRYTIS

Participation of delight ogenises in the protective reactions of cabbage against Both tie chiefe T M Ivanova.

B A, Rubin Blokhimita 28 no 2,288-294 Mi Ap '63

BOTTLE WASHING MACHINES

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Clo-tridium battimum F Report No 4 Producing of rabbit antibotulin secum I M Mikhailova Zhan ha'n chiol , epid i immun 43 no 11 56-62 N '66

Study on some factors influencing the authenticity of botu-lin and tetanus anotoxin inters following the floculation reaction 4, A Voroblev, Z. A. Vorobova Zhar-mikobiol, epid I immun 33 no.6 77-81 J. '62.

BOUNDARY LAYER

Using polynomials of the sixth degree in calculating boundary layer in the presence of suction. L. F. Kozlov, A. I. TSyganiuk. Prikl. mekh. 2 no 11.112-117 '65.

BOUNDARY VALUE PROBLEMS

Asymptotic behavior of the eigenvalues and eigenfunctions 5, S, Kiits'ka, Dop. AN in a loundary value problem URSR no. 7.866-871 '63

Conditions for existence of the Green's function in a boundary value problem V.A. Charikov. Dif. urav. 2 no. 9.1184-1192 S '66.

Existance theorems for nonlinear boundary value problems G. N. Zhevlakov, IU. V. Komlenko, F. L. Tonkov Doki AN BSSR 10 no 9:626-628 S 466

Numerical methods for finding optimum controls and their use in solving nonlinear boundary value problems I V. Beiko - Vych mat. (Kiev.) no 2:195-201 '66

Solution of certain external boundary problems for the carth's surface, V.V Brovar Izv. vys ucheb, 2av, geod. Lacrof no 1:55-72 [63]

Solutions to a boundary value proplem for stochastic dif-ferential equations, Han' Chahan-tsiuan' [Kan Chang-ch-'uan | Dop AN URSR no. 11 1421-1425 '62.

Use of Schwarz's method in solving Dirichlet problem in doubly connected region V.V Lukovich Vych mat [Riev] no 2:139-143 '66

Use of the contour integral method in solving mixed problems with mixed type boundary conditions. M.L. Rasulov. Dif.urav. 2 no 9 1201-1913 S '66.

BOW AND ARROW see subdivision under Soviet Central

BOX MAKING

Kliikovskii, P.IA. [Boxes from fiber materials]

IAsbehiki iz voloknistykh materialov. Moskva, TSentr. nauchno-issi. in-t infor matsi i tekhuiko-ekon, issledo-vanii po lesnoi, iselijulozno-bumazhnoi, derevoobia-bityvalushchei promyshi ,i lesnomu khoz ,1966. 63 p. (Tara i upakovka)

[MICROFILM]

BRACHIOPODA, FOSSIL, see subdivision under Russian

BRAIN Comparison of the conditions of system for motion in var; one functional states of the nervous activity in the child M. M Kol'tsova Zhui vys nerv denot 13 no 4,626-

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A, A Zubkov Biul eksp biol 1 med 55 no 5 13-16 16.3

Characteristics of the interaction of signal systems under the influence of Schizandria chinensis V. V Lastovetskii, R. S. Romas' Zhur vys neiv dend 13 no 4 604 604 Jl-Ag 163

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Effect of the compensation of excessive intrapulmonary pressure on the oxygen tension in brain tissues during ascents to great heights. E. A. Kovalenko, F.V. Bahchinskii, Fiziol zhur. 48 no 10 1203-1208 O '62

Electrographic data on the work of "biological thock" in the human brain, I.G. Vorenin, V.F. Kenovalov. Vop. psiPhol 12 no. 6:87-94 N-D '66

Llect; ophysiological data concerning the connections of the pallidum sith other sections of the central nervous system in man Report No 2, Connections of the pullidum with the spinal condicenters and autonomic trunk forma-tions. I. M. Gillman and cheeks. Biull ekspiblol i need 35 no 5:9-13 My 163

Gamma-aminebutyric acid system in animal brain follow-ing oversteens 1, A Sytuskii, P. L. Avenu ova Ut-biothim zhm 38 no 6 590-595 (66.

Mechanism of the action of indopau. E. N. Popova, Zhur, nevi. i psikh. 67 no. 1 125-131 *67.

Methodology of determining the content of Y-aminohityric neid in busin tissue E.L. Aventrova and others. Vopmed-khim 12 no.6.633-636 N-D *66.

Phospholipids in 1at brain in oniogenesis. K.G. Manukian, A. A. Smirnov, D. V. Chirkovskata Biokhimila 27 no.5:859-865 S-O 162,

Phospholus metabolism of phospholipids in the brain in ontogenesis K. G. Manukian, A. A. Smit nov. D. V. Chir kovakaja, Biokhimiia 28 no 2;246-252 M. -Ap '63

Some transfermations of glutanuc acid in ral brain tissue fellowing disturbance of its function as a consequence of carbon monovide intoxication L.I. Mishchenko S Frenkel! Uki biokhim zhu: 38 no. 6 585-589 '66,

Spatial analysis of the biselectrical activity of the brain. M. N. Livanos Zhun, vys. nerv. deiat 12 no. 3 399-409 My-Je *62

Sympatictic nature of "spontaneous" impulses recorded in the common nerve truth of the frog. M V.Kitzon, F.V.Kopytova Biul eksp.biol i med. 55 no 5:5-8

Tyrosine content in brain proteins of rats exhausted by repeated paralsive fits, K I, Pogodaev, N. F Turova Ukr biokhim, zhur, 38 no 6 596-598 466

BRAIN-ABSCESS

Five cases of atypical course in stagenic brain abscesses IA.A.Kasumov, M.K.Ter-Gilgorian. Azerb. med zhur. 40 no.1:98-99 Ap '63.

BRAIN-BLOOD SUPPLY

Effect of single therapoutle doses of aminazine on celebrat blood circulation in schizophi enia according to reheomosphalographic data. T. A. Nevzerova, IU. N. Fedorovskii. Zhur, nevi, i psikh, 67 no, 1123-125

Inti insic mechanisms contributing to the collateral circulation in the brain G.I. Mchedishvill, M.G. Devdariani, Pat fiziol, ieksp. terap. no. 3:20-24 '64.

New data on the mechanism of intracranial blood circula-tion, A.I. Naumenko and others. Fiziol, zbur. 48 no. 10:1253-1259 O *62.

Ultrastructure of corebral capitlaries. N. N. Bogolepov. Zhur, nevr 1 psikh. 66 no. 12:1797-1802 166.

BRAIN-DISEASES

Akademiia meditsinskikh nauk SSSR. Institut eksperi-mental nod meditsiny. [Role of deep structures of the human brain in the mechanisms of pathological reac-tions; materials for a symposium, June 10-12, 1965] Rol' glubckikh struktur golovnogo mozga cheloveka v mekhanizmakh patologicheskikh reaktsii; materialy k simpoziumu, 10-12 itunia 1905 g. Loningrad, 1965, 190 n.

Couses of births of children with cerebral defects data for the development of rational prenatal prophylaxis. Klosovskii Vest. AMN SSSR 17 no 10:32-39 '62

Chronic hypocolecmic encephalopathy in idiopathic hypoparathyroidism P. Ovcharova, R. Raichev, K. Kostov. Zhur novr. i paikh. 66 no.12:1782-1788

Clinical and morphological characteristics of nuls agenstar varion M.I. Fedorov. Zhun hevt if he in no.1:19-26 [63].

Dimelia therapy in hypertension with predominant, cosymptoms. A 1.Sazonova Zhar never 1 path 13 no 1:58-60 '63.

Disorders in the more guidation in brain leafors & 4 Popova Sov med 26 no 3 72-75 Mr 463

Fai ly topical diagnosis of intractanial inputies to born infants E Ch Novikova and others SSSR 17 no 10 11-48 '62

Phosphalopathy A.M Veger Soy med 27 mg. "-127 D 166

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BRAIN-LOCALIZATION OF FUNCTIONS

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L. S. Vygotskii and the problem of localization of tions. A. R. Lurria. Vop. psikhol. 12 no first file.

Localization of function in the carebral contexture a Report No. 2; Conditioned response activity in a transfer excision of the cortex of the occipital looks program Tkhu Biul. eksp biol i med 55 no 5-19-24 J 5-8

Problems of the localization of functional discrete the movement analyses during the clima decourse of that localize L.B. Litvak. Zhui maya 13. 66 no 12.1745-4751-66

on no WATES-VISCASS THE Spatial synchronization of a activity in the cerebral costex of patients with paramoid achia of health, Va. Puskina, V.A. Talayrinov, Zhur neve, i.p. 196. Eno., 176-83, 467.

BRAIN_SURGERY

Analysis of the characteristics of the electrical a "letof the corebral cortex after section of the brings's (by the Bremer technique) in dogs at different χ_{k} periods I.I. Gokhblit, I. A Kornienko Bird that i med 55 no 6:14-29 Je '63

State of the corebellar nuclei following extirp that of a cortex and total excision of the large core in all or is sphere K. I. Narovchatova. Bini.eksp biol ($n+\psi$ no.6:102-104 Je $^{1}63$

BRAIN-THMORS

Analysis of the frequency spectrum of human clastracephalograms in focal changes in the cerebrates in O. M. Grindel! Zhur vys. nerv detat 13 no 4 50% in JI-Ag '63.

BRAIN-WOUNDS AND INJURIES

Catechol amines in acute closed cranjocorcival in in man E Sh. Matlina, Trudy l-go MMI 43 12 15 5 "Changes in the bindin and spinal cord in a cloud to of the cranhum" by B.I.Sharapov. Zhuraner ip.k. 63 no.1:156-157 '63.

Disorder a and recovery of motor functions in disclaring interval hemisection of the spinal coad S.M leads Biul, eksp. biol. i med 56 no 5;29-32 My 61

BRAINSTEM

Species differences in the reaction of chelinorgic and energic structures of the brainstein N.A.K' :--70v Trady LPMI no 32:165-169 '65

BRAKES---MAINTENANCE AND REPAIR

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BRATSK (IRKUTSK PROVINCE)-RAILROAD BRIDGES Dismantling metallic span structures using ficture supports, P. I. Bakarev, S. M. Trifonov. frans, 411 lt no, lt-19-23 N *61.

BRAZIL—UKRAINIANS

Burko, Vasyl'. (Vasyl's story; recollections of a Ukrainian born in Brazil) Vasyleva istoriia, spair, ukraintsis, rodzhenoho v brazylii. Prudentopolb, oo. Vasyliian, 1963–130 p. (บา)

PREAKDOWN, ELECTRIC

Studying breakdown of sodium chloride in micron and submicron range of thickness I.S. Pikelova Fitter tola 8 no 7:2242-2244 Jl ¹⁶⁶

BREAM see subdivision under Kuybyshov Resenut

BREAST-CANCER

Breast cancer in males V. M. Siepanov. G. V. Pare at a Trudy Novokuz GEDUVa 32:129-131 '65

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ether's Vop ank, 12 no 12 10-14 166

Comparative evaluation of the international chinical (TNM) and Soviet elimical and morphological classification of breast cancer [S.A. Kholdin, L.T. Shpekht Vop.cob. 12 no 12 3-6 '60.

Decidual transformation of the uterine mucces in a patient with breast concer as a manifestation of general hormonal disorders A K. Aggev Vop onk 9 no 3

Histochemical examination and content of hetosteroids in the urine of males gynecumastic and enert of the breast A 1 Gnatyshak and others. Klin only no 1 180-186, 485.

Lymphogenic metastasts and its significance for rational planning of the treatment of breast cancer S.A. Kholdin, L. IU, Dymarskii Vop onk a no 3496-102

Morphogenesis of breast cancer developed on the basis of fibroadenom dosts. N.K. Diakomya. Kim onk no 1 151-156 165.

Pozdmukhov, L.G., and V.A.Rasponomareva. [Cancer of the breast] Rak molechnot zhelezy. Alma-Ata, "Kazakhstan," 1966. 36 p. (DNLM)

Selection of a method of inhibiting the function of overles in breast cancer L. I. Kotenevskin, M. P. Ishchenko, Klim onk no 1704-170 165

Sex chromatin in beniga and malignant tumors of the breast and testurie V, I Loboda, K P, Gamma Klinonk, no 1160-175 '65,

Suphon drainage in radical mastectomies for cancer F. A. Vomov. Klin, onk., no. 1,85-87, 165

Use of thio-TIPA in the treatment of breast cancer, V. I. Ivantishaia. Vop. onk. 9 no 3-103-108 '63.

BREAST-DISEASES

Differential X-ray diagnosis of diseases of the breast F. D. Fastykovskala - Trudy Novokuz GIDUVa 32:127-F I 12B 65

tenutional treatment of the breast in pregnant and partu-rient women as a method of hipple crack control. A M Mazet. Azerb med zhar no 3:29-32 Mr. 162

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BREAST-SHRGERY

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BREAST-TUMORS

Phase and fluorescent microscopy of cellular scraping elements from sections of breast fibroadenomatosts, A. N. Melloik Kim onk, no 1441-150 '65

Possibilities of cytological examination in the diagnosis of breast tumors under the conditions of a polyclinic, K.A. Agamova, I.M. Chalkov. Vop onk. 12 no.12 6-10 46c.

Prevention of seromas as complications of radical mastectomy. IU. I. Gunka, R. I. Sendetskala, Klin onk. no 188-01 165

BREDEL, WILLI, 1901-1965?

Willie Bredel as writer, historian, and revolutionary, V.O. Laznia. Uki, ist, zhur. 10 no. 12,90-99 D '66

BREMISTRAHLUNG

Bi omsetreillung of photon in high-energy electron colli-sions V. B. Baier, V. S. Fadin, V. A. Khoze. Zhur eksp i teor fiz. 51 no 4:1135-1142 O '66

Possibility for according the bremsstrahlung from radio-active phosphorus in vivo on man. V.I. Feektistov, V.I. Lapchenkov, Vop. radiobiol. 4:116-420 161.

BREST-ARCHITECTURE-STUDY AND TEACHING

The birth of an institute, M.Dubovskii. Vest.vys, sheety 21 no. 12:35-40 D *06.

BREST-THEATER

51x evenings in Brest, I. Vasilinina, Testr 24 no. 7: 86-92 Ji *63.

BREST PROVINCE-SOCIAL GROUP WORK

A bridge of friendship A. Voltovich. Agitator 34 no. 23-16-18 D '66

BREVIBACTERIUM-CULTURES AND CULTURE MEDIA

Effect of nutrient medium components on lysine biosynthesis by Brevibacterium 22 culture L.S. Kutseva, N. M. Kliueva. Prikl, biokhim, i mikrobiol 2 no. 6 729-731 N-D '66.

BREWERIES

Parametric series of the production lines in breweries. R.1. Berlin. Spirt, prom. 28 no 5,14-17 '62.

BREWERIES-EQUIPMENT AND SUPPLIES (see also subdivision under Belgorod)

Michanization of yeast transportation. A.I. Fel'dmen. Spiri, prom. 28 no. 5:17-18 62.

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BRICKMAKING MACHINERY

Manufacture of clay brick using the SM-298 A brick-molding aggregate A Romanov Sell stron, 16 no 11,23-24 N '61

Results of using defective brievs. 1. Viadimitova. Na strol Roy. 4 no 10:31 O 163.

BRICKS-DRYING

Baskakov, S.V. [Drying bricks] Sushka kirpicha. Mo-skva, Strolizdat, 1966. 175 p.

Analytical method for studying transients and steady state processes in a three-phase bridge rectifier not-work I A Zhorovskit, A A IAnko-Trinitskii l'lek-trichestvo no 12-3-6 D '66

Calculation of some errors of double transformer measuring bridges. V. P. Karponko – Avtometrila no 3/122-125 166

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Effect of transient processes on the accuracy of a single-channel differential detector. IU A. Skrapmit A tometria no 3 66-75 166.

Measuring chi cuit of a double digital d. c. bridge. V.P. Kotelinikov. Avtometriia no 3:16-18 '66.

Measuring circuit of an automatic digital a.c. bridge, F.B.Grinevich, A.V Chebotarev. Avtometrita no. 3 11-15 166

Glued span structure of a pedestrion overbridge R. I. Hergen, V. V. Siber Avt. doi: 20 no 12,10-11 D. '56 High-strength bolts prevent derangement of rivets and erack formation. G. K. Lygafov, V. O. Osipov. Put': 1 put. kboz. 10 no. 8 26-28 '66,

BRIDGES-DESIGN AND CONSTRUCTION

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Asphalt concrete pavement on metallic bridge floors.
V A Zakhrov Avt dor. 29 no.11 10-11 N 166

Calculation method and the accuracy of geodetic work in building bridges A, F, Litti, 12v, vys, ucheb, zav., good, incref no, 3:3-9:62 Construction of a road bridge, V, V, Alekseev, Sh, A, Vaksman, N, M Glotov, Transp, stroi II no 12:17-18

Helicopters in bridge construction. M.G. Larebníkov, Avt. dor $-29 \cdot$ no H 13-14 $\, N^{-1}66$

Kirilloy, V.S., ed. [Dridge construction] Stroitel'stvo moslov. [By] N.M. Kolokolov i dr. Moskva, Transport, 1966. 575 p.

Recent developments in the construction technique. Stroi. i arkhit Len 25 no.5 36 My 163

Torgonskii, M.N., V.P. Krotov, and V.S. Bratin. [Construction of logging roads and artificial structures] Stroitel'stvo lesovoznykh dorog i iskusstvennykh sooru-zhenii. Izd.2., ispr. i dop Moskva, Lesnaiapromyshi., zhenii, Izd.2 1966, 390 p.

Use of prestressed elements in a bridge support. A. M. Pomerantsev, 10. V Krosteley, A. E. 1 chanov. Transp. stroi. Il no. 1242-44 D 161.

BRIDGES-FOUNDATIONS AND PIERS

Anchored in tige footings E, P Dubi ova, E, L, Trakhton-berg, G, B Tuks Avt dor 29 no 12;23 D '66

BRIDGES, CONCRETE

Tilling method of manufacturing the blocks of a span structure. D. S. Alzikov. Transp. stroi. 11 no. 11:53-54

BRIDGES, CONCRETE-DESIGN AND CONSTRUCTION

Lateral stability of double arches; calculating in matrix form 10, V. Krotov. 12v. vys. ucheb. zav., stroi. I arkhit. 0 no. 0.48-57 '68.

BRIDGES, PREFABRICATED (see also subdivision under Vilnius)

Small-span prefebricated framed continuous bridge. Z Vetsvagars. Avt. dor 29 no. 11:11-12 N 186

66 no 12 1880 166

BRIGHETS

Justification of forms and sizes of the opening of the matrice of press-granulators. G.IA. Farbinan. Zap. LSKH 96-275-281 '65.

Making of 45% for rosalicon with briquetted charge S Klift if and others Stall 26 no 12 1108-1100 D 466

BRIQUETS (FUEL)

Experimental coking of briquets from coals with reduced coving properties. E.M. Toits and others. Koks I whim no 10 18-20 466.

Pelictizing small classes of coal. O.N. Mashenkov, K.I. Systov Koka i khim. no. 10 9-11 166.

BRIUSOV, VALERII JAKOVLEVICH, 1873-1924

Realizing the dicama of a poet, M. Vasiller, R. Sheher-bakov V mire knig 6 no 10.35 O 166.

BRNO-EXHIBITIONS

International 1966 Pair in Czechoslovakia, P. P. I chedev. Post machinostr. 46 no 19:10-17 D 166

BROAD BEAM

Transformation of proteins and nonprotein nitrogen. containing substances in the ripening of broad boans (Vicia faba L.,). V C. Klimenko. A D Bezerovikov Biokhimila 28 no 2 238-245 Mr - Ap '63

BROD, IGNATTI OSIPOVICH, 1902-1962

fgnatii Osipovich Brod; an obituary. P. f. Kalugin and others. Izv AN Turk, SSR, Ser fiz - Rkh., khim. i geol nauk no. 6:121-124 /62.

BROMEGRASS see subdivision under Ukraine

BROMINATION

Mobility of high organ atoms in monohydroper fluor calkanes and in related compounds; tonk bromination of 2-monohydroperfluor discoulance and estris of a children perfluor countboxylit arids 5 T has har fair. If it Hobblin, I I, Knumlants Zhur VKHO II no 5-709-

BROMINE—PHYSIOLOGICAL EFFECT
Character istics of trace conditioned motor defensive response. A. P. Kovtun and others. Zhur.vys.nerv detat. 13 no 4,666-694 Jl-Ag '63

BRONCHI-CANCER

Resection of the carina of the tracheal bifurcation and medial walls of both main broucht with shristrolateral perumencetomy for malignant adenoma, N D Garra, I A Maksimov Khirurghu 12 no 11 81-81 N 166

Surgical treatment of bronchiectasis A. P. Kolesov and others Khirurgita 39 no 2:95-100 F '63

BRONCHOSCOPY

Contrast media used in broachography G V. Panenshin Trudy Novokuz GIDUVo 32-72-75 166 Officet of ultrusound on oil suspension of bartum sulfate

Preliminary report G V Panenshin Trudy Novokuz GIDUVa 32:147-150 '65

Significance of acgmental bronches and angiography in differential diagnosis of the basic groups of sphir rical formations in the lungs. M.G Vinner, Khitungita 13 no. 11 44-49 N 466

BRONZE AGE see subdivision under Caucasus; Tuva A.S.S.R.

BRONZE FOUNDING

Changes in the mechanical properties of bronze depending on the method of casting. L R Brontvain Lupioizy no 12 31 D 105.

BROWNIAN MOVEMENTS

Brownian movement in critical point of two phase liquid-liquid equilibrium IA, A Bollisevich, V G Martysets, E, V Mattzen Zhur, eksp 1 teor (iz 51 no 4:993-98) O '66

Disinfecting raw intestines infected with the pathogens of brucellogis. K. F. Lukina Veterinaria 13 no 12 88-91 D 486.

Resistance of Brucella strain No. 19 to environmental conditions A.V. Selivanov Shor, nauch, rab, SibNIVI no. 11 67-69 452.

Studying some properties of the bacterial aerosol from strain No. 19 (Erucella abortus), A. V. Selivanov Sbornauch, 1 ab, SibNIVI no. 1171-73 62.

Type specificity of brucellar phages. M. S. Di ozhovkina. Trudy Gos nauch. -issl protivochum inst. 16:109-116 159.

Unesse activity of Brucella, S. P. Merinov, Zhou, mikrobiol, epid I immun, 43 no ll:81-84 N '68,

Use of monoreceptor sera in the indirect fluorescent antibody method for the differentiation of Brucelfa species, M.A. Chernysheva and others. Veterinarita 43 no. 11:18-19 N '66,

BRUCELLA-CULTURES AND CULTURE MEDIA

Isolation of Brucella cultures vidle "unifological material by treating it with abalia V. Vederms ov. Vetermann 43 no 11 10%-110 831 8.

BRUCE LLOSIS

(see also subdivision under Krasnodar Territory; Omsk Province, Rostov Province; Volgograd Province; Voionezh Province)

Clinical and epidemiological characteristics of brucellosis caused by B1 shortus Report No 3 Some clinical chair icteristics of bruccilosis caused by B1 abortus S P. Sazykin Trudy Gos nauch -1581 protivochum and 15 133-166 33

Distribution of brucellar bacter tophages in the organism or a games pig N. P Prostetova from 1881 protivoctum unst 16:117-123 '39

Effect of trace elements on the course of brucellosis K.V.Shumilov Vetermatna 43 no 1 34-36 Ja 467

Pathomorphology of the central nervous system in expetimental brucellosis of guinea pigs immunized with a specific viacine. Report No. 1. V. V. Veselova. Shormauch rab SibNIVI no. 11 101-105. 162

Ring scrim test in the diagnosis of brucellosis, S.I. Minatov Veterinariia 13 no 12 11-10 D '86

Some problems of the diagnosis of blucellosis M.M. Ivanov, E.A. Bogdanova, Veterinaria, 43, no. 1,32-33 Ja 167.

Tissue therapy in experimental brucellosis Report No 2 M. N. Mishmeyskir, A. M. Khokhlova, O. N. Trubehani-nova Trudy Gos nauch -isst protivochimalinst 16 223-228 59

BRUCELLOSIS-ECONOMIC ASPECTS are subdivision under Kazakhstan

BRUCE LLOSIS -- PREVENTIVE INOCULATION

Clinical and epidemiological characteristics of brucellosis caused by Bi abortus Report No.4; Desirability of vaccinating people against brucellosis in foct of Bi abortus infection. S P Sary, kin Trudy Gos nauch issi protrochum inst. 16,167-174. [59]

Comparative Immunomorphological data on experimental Tubeutaneous and intracutaneous vaccination against brucellosis Z.D. Khakhina Trudy Gos.nauch -iss1 protivochum inst 16 207-213 '59

Effect of multiple vaccinations against brucellosis under especimental conditions on the unture of response reaction of the body M.F. Shruter and others. Zhar mikrobiol, epid i immun. 33 no 6:82-86 Je. 62

Effectiveness of immunization depending on different ways of introducing live brucellosis vaccine A. E. Khiev. Ziuu mika obiol , epid i immun 43 no II-31-37 N '66 Enter al Immunization in brucellosis I. I. Poliakov Trudy Gos. nauch. -issl protivochum inst 16 191-205 '59

Epizootiological effectiveness of the vaccination of farm autinals against brucellosis Report No 5 Z A.
Norkina Shor nauch rab SibNIVI no ll 35-42 '62

Immunological reactivity and epidemiological effective-less of intracutaneous vaccination against brucellosis depending on the method used LI, Politakov and others

depending on the method used 1.1, Politavo and others
Trudy Gos nouch "issi protivochum inst 16:179-182 [50.
Immunological resetivity and epidamiological effectiveness of intracutaneous vaccination against brucellosts
G. A. Balandin and others Trudy Gos nauch -issi
protivochum inst 16:175-178 [59]

Plasmacytic and sevologic reaction in the lymphatic nodes to subject means administration of bluedlosts vaccine. V. S. Stepin Veterinarifa 43 no 12.12-11

Prospects for improving a then apeutic brucellosis vaccine
Report No 2: Brucellosis Vi-vaccine M, 6, Diozhevlina, N, P, Prostetova, T, I, Khat itonova Trudy Gos.
nauch, issl. protivochum inst 16;215-221 59

Reactivity of persons with brucellar infection to intracutaneous vaccination with live Brucellas of the vaccine strain 19-V4 I. I. Poliskov and others Tindy Go nauch -issl.profivochum inst 16-183-189 159 Trudy Gos

BRUCELLOSIS IN CATTLE (see also subdivision under Bobrov District; Chuguev District)

Comparative study of the vaccination reaction and immunity induced by the vaccination of cattle with vaccine strain No 19 developed at the kashchentsy Biological Laboratory and the American vaccine strain. A.V. Selivanov and others. Shor, nauch, rab, SibNIVI no 11 5-14 62

Complement fivation reaction with milk for the detaction of brucellosis in vaccinated animals A I, Gromyko. Veterinariia 43 no. 11,26-29 N 166.

Duration of reactivity in cattle vaccinated with strain 19, S. I. Muratov Veterinaria 43 no 1 33-34 Ja 167.

BRUCELLOSIS IN SHEEP

Effect of a concentration of aerosols of vaccine strain No. 19 on the development in sheep of unsusceptibility to brucellosis. A. V. Selivanov. Sbor. nauch rab. SibNIVI no. 11 15-19 *62.

Large-scale abortions in pregnant sheep after their vaccination with strain No 19, 1 A, Kosilov, Sbor, nauch rab SibNivi no.11 75-81 462

Path marphology of the nervous system in sheep during the acute period of experimental brucellosis. K.P. Gus'Foxa. Shor march 12b SibNivi no ll 107-115 152

Structural changes in the organs of sheep with brucellosis after a subcutaneous and conjuctival injection of a live vaccine from six ain No. 19 and its effectiveness S D Koshukov Shor nauch tab SibNIVI no H 80-99

Studying the immunological reactions in sheep after inoculation with itrain No. 19. 1 A. Kosilov. Shor, nauch rab SibNIVI no. 11.13-53. 162.

Studying the morphological changes in sheep during their actobal immunization against brucellosis A, V, Se vanov Sbot, nauch, i ab SibNIVI no 11 21-27 182.

Testing the serosol method of vaccinating sheep against brutellests under field conditions Report No 1 \.V Selivanov Shor nauch rab, SibNIVI no Il 29-34 '62

BRUNN see Brno

Effect of oil vapors on brush wear. P.S. Lirshits, 1U.S. Kiylov Elektrotekinika 37 no 12 53-51 D '66

BRYANSK-RAILROADS-RAILS-MAINTENANCE AND REPAIR

Three Brynsk Filometers V A. Ishcebkin, Put' i put Fhoz, 10 no. 8 11-14 '66

BRYANSK-ROAD MACHINERY INDUSTRY

Technical conference on the quality of road machinery manufactured at the Bryansk "Dormashina" Plant B. Sheliubskii Stror i dormash 8 no 8 35-36 Ag '63

BRYAUSK -- WAGES -- WOOL INDUSTRY

Iwarding bonuses to workers for the improvement of the quality of products at the Bryans! Worsted Combine S. P. Vasin Tekst prom 26 no. 12 5-8 D *66

DRYANSK PROVINCE-ROAD CONSTRUCTION

Roads in Bryansk Province in the new five-year plan P Sychev. Avt doi 29 no 11 3 of cover N 166

BRYANSK REGION-PEASANTRY

Fishman, I.I., and V.A. Arkhipov. [Abolition of scifdom in the Bryansk region, a bisforteal sketch] Otmena krepostnogo prava na Brianshellne; Istoricheskii ocheik, [Briansk] Brianskii rabochii, 1961, 59 p.

BRYNZENY REGION (MOLDAVIA)-BIRDS, FOSSIL

Possil or authofound from poleolytic settlement Brynzuny I. I. M. Gania, N. A. Ketraru - Izv. An Mold. SSR no 5:08-105 '65

BUBOK, KONSTANTIN GRIGOR'EVICH, 1904-1966 Konstantin Grigor 'evich Bubok; obituary Gorzhan no 12-71 D 466

BUCKWHEAT see subdivision under Chu Valley

DUCKWHEAT-FERTILIZERS AND MANURES

Role of basic mutaients in the formation and quality of but solicat seeds. A. I Solovianenko. Pochv. usl i effek, udob. no. 1:229-236 183.

BUCKWHEAT-VARIETIES

Phases of organogenesis in diploid and tetraploid varieties of buckwheat. 1 IA, Mar'iakhina Trudy Inst gen no. 26 31-30 '62,

BUDAPEST-THEATERS-DESIGN AND CONSTRUC-

Competitive designs for a theater in Budapest, Arkhlt, SSSR no. 12 28-40 466.

numma

Studying the degeneration phenomenon in the tangerine citrus anshin during vegetative propagation V A. Glazyrin. Short-trud asp i not nauch sore VIR no. 2:230-247 [6].

BUOGET

(see also subdivision under Mordovia; Tuva A.S.S.R.; United Siates)

Singe budget of the U.S.S.R. in the conditions of carrying out the economic reform. G. Dundukov, N. Kismen. Fin SSSR 40 no. 11:40-49 N '06.

Dynamics of fruit bud formation in the grapevine under conditions prevailing in Volgograd Province. M.N. Asoskova, Uch.zap Volg.gos.pcd.inst. no.18;3-10 '64.

BUG VALLEY—ANORTHOSITE

Tomsonite" from the anorthosites of Zavai'ye in the mid-die Bug Vailey. I. B. Shcherbakov Dop AN URSR no. II-1498-1501 162.

BUG VALLEY—MINERALS

*Tomsonite" from the anorthosites of Zavallye in the mid-die Bug Valley. I. B Shcherbskov. Dop. AN URSR no. ll; 1498-1501 162

Build well and maintain buildings correctly. B Koviazin Strol.i arkhit. 11 no.8:27-28 Ag '63.

Dolgopolov, N.N. [Modern physics is for builders]
Sovremennala fizika - stroiteliam. Moskva, Stroitzdai,
1966. 217 p. (Nauchno-populiarnala serila)

Pstablish proper conditions for high-speed production lines. F.S. Rainns. Strot 1 m.k. it Len. 25, no. 5,29-30. lines F

Let us strive every divide lower three st of construction 5.7 Galetskin, Transported 41 in 125.5.6 D. 161. New developments in construction techniques. Information, VDNRII no. 8.25-26. Ag. 4.2.

BUILDING -- CATALOGS

Building catalog, G. Kliucharev, Arkhit, 958R no. 11; 61-62 66.

BUILDING-COLD WEATHER CONDITIONS

Preparation for construction in winter. A. bit kengof, Sell, atrol. 16 no. 11 27 N 161

BUILDING-CONTRACTS AND SPLCIFICATIONS (see also subdivision under Moscow)

Practical contractural agreement is a guarantee of suc-

BUILDING-DETAILS see subdivision under Moscow

BUILDING-SAFETY M. ASURLS

Safety measures in the assembly of the framework of single-story industrial plants 5, 8, Nittlin. Mont. i upers. tab. v strot. 25 no 10 22-25 O 463,

BUILDING-TECHNOLOGICAL INNOVATIONS

Council of young specialists at the contraction project, V. I. Blushechkin, Transp. strot. B. no. 12(7) D. 161.

BHILDING, IRON AND STEEL

Measures for guaranteeing stability of trusses G.A. Zykov, Munt, i spets rab v strot. 28 no.12 15 D 466

BUILDING AND LOAN ASSOCIATIONS

We should amend the laws which regulate the activities of cooperative residential building ausociations. T. M Tienychenko - Provo navetyo no 1,64-69-95.

BUILDING INSPECTION see subdivision under France

BUILDING LAWS

We should amend the law which regulate the activities of coper stive residential building as sociations. T. M., I isnychenko, Pravoznavstvo no. 1 61-69 (65.

BUILDING MACHINERY see Construction equipment

BUILDING MATERIALS

(see also subdivision under Chavashia; Tarkmonistan) Building noterials made of gas silicates, Zh. Astraisa-trian. Prom. Arm. 9 no 10 W-49 46 Establishing norms and control over the expenditure of

materials M Chernyi, 3207, strol, 8 no. 12-51-52

Introduction of new materials in tural construction, i limbinov. Stroi, i maket 11 no. 11;15-16 N '86 New carbon recous materials for high temperature techniques. D.M. Kolottlo, V. I. Milanov. Khim, prom. Ukt. no. 8 (3-61 N-D) (C.

BUILDING MATERIALS-TESTING see subdivision under Leningrad

BUILDING MATERIALS INDUSTRY

Guink, A. I., Bring the hullding materials industry up to the level of tasks set for the new five year plan? Pro-myshlement' strottel myth materialov——na uroven' ra-dach novel piatifeth. Kishinov, Partiince izd-vo Tsk KP Moldavii, 1966—72 p

BUILDING MATERIALS INDUSTRY- EQUIPMENT AND SUPPLIES

Experimental device for production of sheet glass plantics by continuous method A, I, Volk, II P Popovich, N IA Timofeev Shor, trust, VNIINAM no 7:84-80 '60

BUILDING MATERIALS INDUSTRY-FINANCE see subdivision under Klaghizistan

BUILDING MATERIALS INDUSTRY-MANAGEMENT

Most important reserve for increasing output of cement TSement 32 no. 6 21 N-D '66

Technical demends in production of translucent polyceter glass plaatic N M Anan' Into M, N Veprinskala, N. IA Timofeev Shor trud VNIINSM no 7,65-71 '66

BUILDING STES-LIGHTING

Traveling searchlight units for lighting building sites. M. P. Pribyl'skii Stroi i der mash. 8 no 8:21-22 Ag '63

BUILDINGS-MAINTENANCE AND REPAIR (see also subdivision undor Uzbekistan)

Build well and maintain buildings correctly. B Koviazia Stroi.i arkhit Il no 0:27-28 Ag '63

BUILDINGS, PREFABRICATED

Libermanis, L. [Building is constructed from the floor up] Coltne top uz gridas. Riga, Liesma, 1966. 24 p. diagrs. insert (Zini un proti) [In Latvian]

BUKHARA-COMMUNIST YOUTH LEAGUE

Organization of the Communist Youth League in Buknara. Vach, trud, LashGU no. 281:01-96 '65, III I Gloss

BUK OV INA-GRASSES

Cultivation practices for grasses in respectation Flut Zembolshic 28 no 1° 20-21 D '66

DUKOVINA--HIS FORY

Nevosh Styl, I.M. [The Ukrainlan government in Bukovina in 1918] Ukrains ka derzhavna vlada na Bykovyni v 1918 r. Vypravlenc vyd. New York, Kushton Ukrains'i of Bukovyns'i of hromady, 1964. 56 p. (In II)

BUKOVINA --- TOXOPIASMOSIS

Clinical aspects of congenital toxoplasmosis in the chitdich of Bukovina A.D.Kleit Med paraz i paraz, bol. 31 no 5 572-575 S-O '62

BUIGAKOV, MIKHAIL AFANAS'EVICH, 1891-1940

The first children's commune. M. Bulgakov. Sem'ia i tikola 21 no. 11:38-39 N 166,

BULGARIA-DIBLIOGRAPHY

[New literature on Bulgaria] Nov. lit. po Bolg. no. 11 '66.

BULGARIA-CITIES AND TOWNS-CIVIC IMPROVEMENT Plements of thre suprovement in the cities of Bulgaria, IU Faromov Arkhit SSSR no 8:61-63 '66.

BULGARIA-COMMUNIST PARTY

Under the banner of unity and international solidarity, Z. Kruglov i Part, chizni no. 1:61-67 Ja 167.

BULGARIA-ECONOMIC CONDITIONS

Hanievych, I.1., and M.T. Chyzhevs'tyl, [Struggle of the Bulgarian people for the completion of the building of specialism] But of '27 wolgar' (Achonarchi za zavershennia budivnytstva 60tsializmu, [Kylv] Vyd-vo Kyivs'koho univ., 1904. 110 p.

(CAOTU)

Constant new achievements. L. Kommay. Agitator no 16: 30-42. Agitator ho.,

BULGARIA-ECONOMIC POLICY

Improved administration of Bulgarian industry after the Fighth Congress of the Bulgarian Communist Party V. D Mozerov. Uch zap, Mord gos, un no. 51-11-76 pt 1 165.

BULGARIA-EXCAVATIONS (ARCHAEOLOGY)

Palish archaeological studies in Nova (Bulgatla) in 1965, is Alicenskit sow arkheol, 10 no 4;191-191 160

BULGARIA- GEOLOGY, STRUCTURAL

Structure of Mysian Platform in Bulgaria. 1.B Dobrev Sov gool 9 no ll 11-51 N 166

BULGARIA-INDUSTRIAL MANAGEMENT

Improved administration of Bulgarian industry after the Fighth Congress of the Bulg winn Communist Party V. D. Mozerov - Peli, zap, Mord gos, un. - no. 51-41-76

BULGARIA -- INDUSTRIES

Historical significance of the plenary session of the Central Committee of the Bulgarian Communist Party in April 1956 for the development of Bulgarian industry, V. D. Mozerrov, Mch. Zap. Mord, gos, un., no. 51, 3-40 pt 1 165.

DULGARIA-RAILROADS

Vicentury of Bulgarian rail transportation. Nikola Kolarov Zhel dor, transp. 1 no.1183-86 N '66

HULGARIA-RELATIONS (GENERAL) WITH RUSSIA

Ho: Bulgarian workers studied the progressive experience of the Soviet laboring classes, 1919-1957. A.I. Doronchenkov. Vop. ist. slav. no. 2 221-229 166.

DULGARIA-ROCKS-TESTING

Studying longitudinal wave velocities and compressive strength of rock specimens of Bulgaria, under hydro-static pressures of up to 9, 000 kg-wt per cm. M. P. Volarovich, I S. fonashevskala, I G. Bruchev Trudy Inst fiz Zem, no 37 118-129 '66.

BULGARIA-RURAL PLANNING

From experience in planning and building rural settle-rents in Bulgaria V. Sokolovskii Arkhit. SSSR no 7: 58-60 '66

BULGARIA-THERAPEUTICS

Bulga: Ian antiparkinsontsm preparations with a new mechanism of effect. G. Ganey, L. Karamalakov, M. TSekova. Zhui, nevr. 1 psikh 66 no 12,1864-1869

BULGARIA-WHEAT-VARIETIES

Winter wheats of Bulgaria, K. A. Kobylianskaia, Sbor, trud, asp i mol, nauch sotr.VIR no. 2:15-18 | 61,

BULKHEADS (NAVAL ARCHITECTURE)

Effect of technological factors on the soundproofing capacity of buildheads G.D. Izuk, Trudy LIVT no. 82 127-130 '65

BULLDOZERS-HYDRAULIC DRIVING

D-521 buildozer with hydraulle drive, G.1, Lauin, Stron, 1 dor mach 0 no 6 12-13 Je *63

BULLS

Free amino acids and the quality of the sperm of head builts. A.P. Kurordov, Trudy Undia hana. 14 Self-khoz nauki no. 1246–256–166

Functional acts sty of the thyroid gland in breeding bulls of various breeds. F. F. Bisner, L. P. Reznichenko, V. P. Plugatarev Selikhoz biol. 1 no. 6-904-910 '66.

Isolation of aerolic vibrios from the sex organs of herd bulls, A, V Golskov, N, V, Batuita Viterinaria 13 no 198-98 Ja 167

Prophylaxis of sterility in herdbulls, A M Kuznetsov. Veterinaria 13 no 183-84 Ja 187.

BULLS-DISEASES AND PESTS

Bacteriological diagnosts of vibriosis, A. P. Dzevenko. Vetermaina 43 no 199 Ja 967

BULLS--FEEDING AND FEEDS

Change in the state of carbohydrate and fat metabolism and the indices of sperm production in breeding bulls under the effect of various ratios of nutrients in feed rations. E. P. Vashchekin. Trudy Un drugh nat. 11 ScPkhog nauki no. 1229-245 166

BUNIN, IVAN ALCKSEEVICH, 1870-1953

A book on Bunin, I. Postupal'skii, V mite knig 6 no. 11: 32-33 N 166.

BUPRESTIDAE see subdivision under Rostov Province

BURGUNDY-LAND TENURE

Various forms of the property rights of Burgandian feudal landowners in the 10th-12th centuries. IA 1 Smovaiskii Sted yeka no 29 16-27

BURMA--HETORY

Morhelko I.V. Aun San. Moskva, Molodaia gvardiia, 1965, 237 p. (Zhizn' zamechatel'nykh lludei. Serlia blografff, no. 6) (CaAEU)

BURNS AND SCALDS

Candidiasis in burn disease R. N. Kati ushenko * ov red 26 no 3:81-85 Mr '63

Changes in the free amino acid content of the blood serum in burn disease. T.D. Gulfamov. Eksper khir i anest U no 6:44-47 NoD 164

Dynamics of sensitivity in burn disease. K.D. Shahanskala, Vop. paikhol, 12 no. 6:95-102 N-D '66.

Dynamics of vascular permeability following combined whole-body gamina frigdiation and horns L. P. Stepanov Radiobiologiia 6 no 5 756-738 '66,

Fifeet of burn it amma on the regeneration of bone tissue. B.1. Movehev. Put fiziol.; eksp terup. no.3:67-60 ¹61,

Electron microscopic study of the liver in experimental burns. V. B. Viturin - I kaper. khir. i mest - 8 no 6:39-43 N-D 'C3.

Experimental treatment of scalped wounds and skin but no with collagen films. A M Khillkin and others. Frudy 1-go 4MI 49-3M-323 466

Functional state of the kidneys during treatment of burn discuse V. A. Octik. Sov med 29 no 12 61 D 166

Serological activity in thermal burns. P. N. Kosiakov, V. N. Kazakova, L. N. Pushkaz. Probl. gemat. I perel. szovt. 8. no. 2.37-11. F. *63.

State of hyalm onidase shyalm onic acid system in burn sickness, B L. Khosman, IU, M. Panova, Pat, iir iol, i ersp terap. no. 3,51-56 '64.

Status of some insummobiological properties of the blood in patients with burn disease following transfusion of protein hydrolygates. M. M. Petrov. Probl gemat 1 perel, krovi 8 no. 2:41-11 F 163.

Use of film in film with phytoneides in burns. V.M. Kototkov. Travmatologila no. 1:153-157 165 Ways of reducing the duration of work disability in patients with burns. S. A Polishchuk. Traymotologiia na. 1:81-89 '65.

BURSA FABRICII

Significance of the bursa Fabricii in the induction of tumors in chicks by means of Raus' sarcoma viruses.
R. M. Radzikhovskaja. Vcp. onk 12 no 11-48-50 'GG.

BURUNDI-DESCRIPTION AND TRAVEL

Fali of a monarchy, V. Iordanskii. Nov. vrom. 25 no. 316-18 Ja '67.

BURUNDI-POLITICS AND GOVERNMENT

Fall of a monarchy. V Iordanskii, Nov. vrem. 25 no. 3:16-18 Ja *87.

BURYAT A S S.R.-RESEARCH

Trends in the research of the Buryat Section of the Sibortan Branch, Vest AN SSSR 36 no. 12:95-96

BURYAT A.S.S R -- REVOLUTION, 1917-1921

Buriat A.S.S.R. TSentral'nyi gosudarstvonnyi arkhiv. [The guerrilla movement in Buryatia, collection of documents] Partizans' or dvizhenic v Buriatii, shornik dokumentov. Ulan-Ude, Buriatskoe kaizhaoe izd-vo, 1965. 453 p.

BURYAT A.S S R -WAGES-COLLECTIVE FARMS Practice in using monetary vages on the collective tarm, of the Buryat A S S, R N. Prozorov Tru Irl un 10 d-18 405. Trudy

HUSINESS ENTERPRISES

(see also subdivision under Leningrad)

On the legal status of trade organization. Sov torg. 10 no 1:59-60 Ju 167

BUSINESS MATHEMATICS

Methods of performing arithmetic operations on tabulators, i 14 Vkushskil, M G Rappoport Ekon i mat.rnetod 2 no.6 800-314 N-D 466

BUSINESS NAMES

171 ms and tridemarks - G Ruberhov. Sots. release 13 no. 12:41-12 D 466.

Andres and ammonium compounds. Part 42' Alkaline clear age of 1, i-diqueternary annuoulum salts with 2-buttriglen common radits 1 A T. Habathan and others Zhur, org. khim 2 no H 1992-1994 N 466

BUTADIONE

Comparative evaluation of the compound treatment of rheumstoid polyoithritis with naphthalan and mostic in combination with but adjone $-G_{\rm s}G_{\rm s}Akhadi$ Azerb, med, that -40 no 179-83 ${\rm Ap}^{-1}63$

BUTANE

Developing an aluminum -chi one -potassium catalyst in the delaydrogenation of propentant O D Sterligov and others Neitekhimita 3 no 5 642 649 S O 63

Investigating the contact pyrolysis of butture in a reactor with the ascending flow of a powder heat carrier V 5, Alice, D. N. Tuenov Neitekhimila 3 no 5,696-70; 5-0 63.

BUT ASHEVICH-PETRASHEVSKII, MIKRAIL VASIL'-EVICH, 1821-1866

Petrashevskii and his followers. V. Tvardovskola, Nov. mis 30 no. 3-270-273 Mr. 464,

Amines and aumonium compounds. Part II Alkaline cleavage of 1, i decaternary ammonium salts containing 2-chloro-3-methyl-2-batenyl common group. G. B. Bagdharatan, M. G. Indzibikian, A. T. Bibaian. Zhur org 1 hum. 2 no 11 1987-1991. N. 168.

Liquid-phose exidation of buten polymerization products from a butane-butent fraction GS, Shor, GS, Gol'din.

14. P. Chertkov Nefterhimita 3 no 5:755-757 5-

BUTENOL

Production of I-anilino-3-buten-2-of from aniline and divinyl oxide SR Talinganov, K D. Petrov. Plast massy no 950-51 462

BUTY L PHOSPHATES

Use of tributy) phosphates for extraction of microgram amounts of cerium in the analysis of steels, HLG. Fromin, V.V.Racvskais, F.N.Romanov, Zhui, anal khim. 21 no. il 1904-1906 [66]

BUTY L SULFATES

Choice and proparation of row materials for the production of butylsulfuric acid. D. V. Mushenko. Rhim, itekh, topl. i masel 11 no 12:21-24 D 168

BUTYRIC ACID

Gamma-amindulyric acid system in animal brain following over the 48 I, A Sytinskii E L, Aventrova IIki. biokhim, zha 38 no 6 599-595 '66

Methodology of determining the content of graminobutyric neid in by ain tissue. P. L. Avenhova and others. Vop. med khim. 12 no 6:533-636 N-D '66.

BUTYRIC ACID-PHYSIOLOGICAL EFFECT

Differentiation of two effects of dicaine detected under conditions of its antagonism to atropine, barbiturates, and #-phenyl-y-susinobutyric acid A. A. Zykov Trudy LPMI no. 32 42-45 465

BUTYRONITRILE-SPECTRA

Radical pairs in photolytic decomposition of arobisise-butyl onlivile studied by electron paramagnetic reso-nance method. 14 S. Lebedev. Dokl. AN 555R 171 no. 2:378-381 N 565

BYK RIVER-INFUSORIA

Ecology of sapropelbiontic unfusoriess of Hyk River F. P. Chon ik. Biol res., vod. Mold no. 4 25-36 466.

BYK RIVER-WATER-ANALYSIS

Effect of industrial wastes and sewage of Kishinev on hydrochamical regimen of Byk River, S. E. By/gu, I. F. Kozhukhar', G.G.Gorbaten'kil. Biol. res. vod. Mold. no. 4:3-14 166.

BYZANICH ABC see Art, Byzanine

BYZSSTELF EMDIRE

Stein natural entire B. auto not not not provided

BYZ WITELE STUDIES

As 28 in of the Steller to of the bycontine Empire in fifter to A Directional of the Michigan Society of the not 4 241-241 (6)

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CABLE INDUSTRY—MANAGEMENT sec subdivision under Tashient, Volgograd

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CADMIUM-ANALYSIS

Use of nuclear reaction (n, f) for determining cadmium centent. I. V. Platsin, N. G. Malyshera, L. P. Starchill Do't Mr. SSSR 171 no. 2, 303-394, N. 166

CADMIUM-ANTIMONY ALLOYS

Stable and merestable equilibrium disgram of the Cd - Sb system F A Dobryden', V I Psarry, Zhan fiz khim 40 no 11 2894-2838 N 486

CADMIUM COMPOUNDS

Sinding laws go crning or stallization and structural stabilization of CdSb and Cd₂Sb₂ compounds in Cd -S stem VI Parev. K i Dobiyden' Rost krist 6 247-255 '65

CADMIUM FLUORIDE CRYSTALS-GROWTH

Structure of CaF₂ - Sm³ crystals as studied by optical methods - IU K Voron'to, V V Osiko M M. Fursikov Rost krist - 5 383-390 '65

Use of electron paramagnetic resonance method in studying thinge compensation in CaF2 crystals L D. Livanova Rost Krist 5:337-360 '63

CADMIUM EOTOPES

Separation of small amounts of cadmium and indium by conficing with 11 on hydroxide A I Novikov, T A Pirogova Dokl, AN Tadah SSR 9 no. 12 28-31 '66.

CADMIUM SALTS

Thermodynamic preperties of cadmium selenite, Z.L. Leshchunskaia, N.M. Selivanova Trudy MKHTI no 41 18-21 *63

CADMIUM SELENIDE—PHOTOELECTRIC PROPERTIES

Pictoelectric characteristics of cadmium selentide in ultraviolet region of spectrum, V h. Adamchuk, Izv AN SSSR, Ser, fiz 30 no. 12 2019-2020 D 166

Preparation, structure, and photoelectric properties of monocrystalline films CdS, CdS- CdSe, and CdSe I P Kalinkin, L A Sergeeva, V.B. Altskovskii Izv AN SSSR Neorg mat 2 no 12 2110-2115 D '66

CADMIUM SULFIDE—PHOTOE LECTRIC PROPERTIES

Preparation, structure, and photoelectric properties of monocrystalline films CdS, CdS - CdSe, and CdSe, I P, Kalmkin, L.A Sergeeva, V.B. Aleskovskii Izv AN SSSR Neorg mat 2 no 12 2110-2115 D '66

CADMIUM SULFIDE CRYSTALS—DEFECTS

Exposure of structural defects in Cd9 single crystals by Y-1 ay diffraction method L. I. Datsenko, M. I.A. Skorokhod. Rost krist. 5:331-335 '65.

CADMIUM SULFIDE CRYSTALS—DIFFRACTION

Dispersion properties of system CdS_{*}--CdSe_{1-*} and their dependence on crystal growing method M S. Bi odin. M. I. Strashnikova Fiz tver tela 8 no 7;2231-2233

CADMIUM SULFIDE CRYSTALS-GROWTH

CdS of satal growing for purposes of elitiasound intensification I A. Sysoev and others Kristallografia II no 6 933-935 N-D 166.

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CAFFEINE-PHYSIOLOGICAL EFFECT

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Clini actor istics of trace conditioned motor -defensive response A P. Koytun and others / hur vys nerv duist 13 no 1,686-691 JI-Ag '63

CAISSONS

Sinking of catesons in thi cottopic jackets. I. IA Kharif. Avt. doc. 29, no. 11 12-13, N. 466.

CALCIFICATION

Soft tissue sarconia with calcification A L Bogoslavskii Vest rent frad 37 no 3 68-69 My-Je '62

CALCITE see subdivision under Yakutia

CALCITE CRYSTALS—GROWTH

New method of growing calcite crystals without applying pressure J Kaspar, C Barta, J Nigrinova Rost

CALCIUM

Study of mixed sodium and calcium manates Vikt. 1 Spitsin, Wang Shift-hua, L. M. Kovba Vest Mosk un Ser 2 Khim 17 no 5:60-62 S-O '62

CALCIUM-PHYSIOLOGICAL EFFECT

Calcium content in valer of Normansk fish hatcheries during development of Far Fastern salmon L. E Pozdniakova Frudy MMBI no 12-84-87 '66

CALCIUM ALUMINATE FERRATES

Aluminate-aluminoferrite clinkers M. M. Nikolacv, IU. M. Butt, V. V. Timasnev - Trudy MKHT1 no. 41 138-113 '63,

CALCIUM CARBIDE

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CALCIUM CARBONATE

Complex study of pi oceases taking place duting heating of a mixture of 7 it conium dioxide with calcium on bonate A. F. Bessonov, V. N. Shalaghtov, G. A. Takeis.

Izv. AN SSSR Neorg mat 2 no il 2003-2006 N '66

CALCIUM CHLORIDE-PHYSIOLOGICAL EFFECT

Effect of colemm caloride ral magnesium sulfate on the rate of rigor mortis S, V. Osipova Biul eksp biol i med 55 no 5 82-81 My '63

CALCIUM FLUORIDE CHYSTALS

Par amagnetic resonance and spin-lattice relaxation of Cr³⁺ in CaF₂ and their relation to optical spectrum IU A Bobrovnikov. G M Zverev. A I. Smirnov Fiziver tela 8 no 7;2205-2212 Jl 66

CALCIUM FLUORIDE CRYSTALS-GROWTH

Some observations of growing calcium fluor ide single crystals I Indra. I Filip Rost Frist 6:137-142 %

CALCIUM GERMANATES

Heats of formation of calcium germanates, R. G. Grebenshchikov, R. A. Pasachnova Doki, AN SSR 171 no 5 1142-1144 D *66.

CALCIUM IN THE BODY

Calcium accumulation by embryos and young salmon in Mui mansk and Sakhalin hatcheries. L. D. Zhiteneva. Trudy MMBI no 12:01-100 '66

Content of calcium in the blood serum of patients with tuberculosis of the universal of patients with tuberculosis of the universal of patients with Sov med 29 no. 12 127-129 D 166

Effect of different fixation methods on calcium preservation in embryos. larvae and young salmon L.D. Zhiteneva, A.N. Zhitenev Trudy MMBI no 12:88-90

CALCIUM ISOTOPES—PHYSIOLOGICAL EFFECT

Elimination of strontium-90 and calcium from dog or ga-nism I A. Sarapul'tsev Radiobiologia 6 no 5 704-707 466

CALCIUM METABOLISM

Differences in parameters characterizing radioactive and stable calcium metabolism following radioisotope pene-tration of short duration Z V Dubrovina, P. M Malkin Radiobiologita 6 no 6:812-816 '66

CALCIUM MOLYBDATES

Kinetics of reduction of calcium tungstate and molybdate and their isomorphous mixture by carbon. A.N. Zelikiman, L. V. Belfaevskais, V. M. Bobylev. Izv. AN SSSR Neorg. mat. 2 no 12 2204-2212 D 166

CALCIUM PHOSPHATUS

Ability of nodular bacteria to assimilate bard-to-dissolve calcium phosphates. V. P. Zurembu, F. G. Tonnasher skali, S.M. Malmeker, allihoz biol, I no. 68042shair, s

CALCIUM SILICIDES

Selecting optimum composition of charges for making calcium, while G 5 W Hay B I Ban amos R M, Fidhlanskii Stal 26 no 12 1105-1107 D 466

CALCIUM SODIUM SILICATES see subdivision under

CALCIUM TUNGSTATES

Rinetics of reduction of calcium tungstate and mulybilate and their isomorphore mixture by earlier AN Zelikman, L V Beliacystata, V.M Bobyliv 129 AN SSSR Neorgenat 2 no 1979 01-1919 D 166

CALCULATING MACHINI 5-DESIGN AND CONSTRUC-

Mikhel'son, V.S. [Pements of computer mathematics] Elementy vychlaliter'sol matematiki, 17d, 2., perer, 1 dop. Moskva, Vysahila shkola, 1966, 271 p.

CALCULI, BILIARY

Atheroscier one of the aorth, blood lipids and choichthiasis. D.M. Abdulaev. A erb. med. Aur. 10 no. 1:11-51 Ap. 63.

CALCULUS, DIFFERENTIAL-PROGRAMMOD IN-STRUCTION

STRUCTION

Gordov, V.S. [Programmed instruction on the subject of
"Elements of differential calculus," Topic "The derivative," Lessons 1-2, methodological texthook for technical schools! Programmitrovannou durchente po razdelu
"Elementy differential-lango ich histeritä," Tomat.
Profavodania," Urbi 11-2, metodicheskoe posobie diffa
tekinikumov. Moskova, Urbehno-metodicheskil a vlact
Mosgorsovnatkloza, 1965. 32 p.
[MICROFILM]

CALCULUS, INTEGRAL-PROGRAMMED INSTRUC -

TION
Nakhimson, L.M. [Programmed Instruction in the field of "Floments of Integral catculus", textbook for technical schools [Programmirovannoe obuchente por razedu "Elementy integral" nogo lachislenila", posobio dila teknila "Moskva Uchebno-metodicheskii kabinet Mos-

nisumov, hopovo, gorsovnarkhoza, Pt.2. [The definite integral and its applications] Opredelennyl integral Fego prilozhentia, 1965,

[MICROFILM]

CALCULUS OF TENSORS

Averaging of invariants of Green-Christoffel tensors 1', L Fedor ov Dokl AN BSSR 10 no 9-636-640 9 1616

Experimental determination of tensors of Raman scatters ing in a squartz D. F. Krischev Kristallegraftin 11 no. 6:886-891 NoD 266

CALCULUS OF VARIATIONS

Dationating the carron of the mathed of fragments in calculating seepage below an apron. V III, Dolbekyi, Dop. AN URSR no 1,861-866 163

CALENDARS

Calendars, their past and present. K. Vachnadze, Agitator 34 no. 1:50-51 Ja '67.

CALORIMETERS

Microcalo lineter for routine measuring of the heat capacity of polymers A. N. Karabey Plast, massy no 12 57-59 466.

CALORIMETRY

Quasi-stationary calorimetric method of dosimetry of power full flows of ioni, log radiation, V. M. Kollada, V.S. Karasev, K.S. Pedchenko Atom, energ 21 no. 6,520-522 D 466

Theoretical and experimental determination of the group hydrocarbon composition of a rendensate by combustion in a calculmetric cylinder. Sh. M. Januall Zade, Azerb neft khoz. 43, no. 7, 13-16. Jl. 163

use of calorimetry in studying orderliness in biological systems. Determination of thesic water. E. L. Andronikashvitt, G. M. Mrevit diviti, P. L. Privatov. Dokl. AN SSSR 171 no. 5 1198-1200 D 465.

CALVES-DISEASES AND PESTS

(see also subdivision under Omsk Province;
Tsalka District; Volgograd Province)
Chemical prophylaxia of cocciding in calvos by the use

of biomyeta preparations, V.R. Gobzem. Veterinariia 43 no. 11:52-54 N 466.

43 no. 11/32-94 N '00.

Effectiveness of the uso of gastric juice. Kh. K.Karamov.
M. I. Mutin. Vetermartla 13 no. 11/62 N '66.

Epipleural novocaine block in dyspapsiu of calves.
P. A. Solodkov. Vetermarilla 13 no. 12/01-63 D '68.

Etiology of dyspepsia in newborn calves. V. I. Dullnes, I. P. Lilenkov, Veterinarita 43 no. 165-69 Ja 187 Initees of the metabolism of vitamins A and C and corotene in healthy and dyspeptic rilves. B. M. Anokhin Veterinarila 43 no. 11:58-59 N 166.

CALVES-DISEASES AND PESTS (Continued)

- Mychanism of the action of salt solutions in dyspepsia of cartes A. F. Koltyshev, A. N. Paorov, E. A. Ostrov-skala Vetermattin 1) no 11:60-62 N 166
- Pathogenesis and prophylaxis of toxic dyspepsia in calves N F. Khusnutdinov, S D Vlasov Veterinarija 43 no l 60-70 Ja 167
- Possibility of vibranic infection of calves fed with mill. Veterinarita 13 no. 12,23-24 D '66
- CALVES-FEEDING AND FEEDS see subdivision under Siberia

CAMBODIA -- DANCING

Traditional ballet of Cambodia. Tent: 24 no. 7:154-155

CAMBODIA-TECHNICAL ASSISTANCE, RUSSIAN

The Institute of Higher Technical Education in Cambodia, 1.N Khadzbieva Vest vys shioly 21 no. 12 76-78 I.N Khadzhieva D 166

CAMPODIA---PECRNICAL EDUCATION

The Institute of Higher Technical Education in Cambodia, 1. N. Khadzhieva Vest, vys shkoly 24 no. 12:76-78 D 466.

CAMELS-DISEASES AND PESTS see subdivision under Mongolia

CAMPHENE

- Condensation of camphene with o-cresol in the presence of various catalysts L. A Cheifita, L. M. Shulov, T. P. Gavrilova, Trudy VNIISNDV no. 7 51-56 '55
- Condensation products of comphene with 2, 5-3, 1- and 3,5-vienois G.1 Moldovanskain, L.A Kheifits, G.P. Illina, Trudy VNIISNDV no.746-51 '55,
- Study of terpene phonols. Part 29. Condensation products of camphene with gualcol and their hydrogenation L.A. Kheifits, I.S.Aul'chenko, G.M. Shchugoleva, Zhur.org, khim. 2 no.11 2059-2064 N '66.
- Scattlesis of new odorous substances from condensation products of camphene with xylonols G.1 Moldovanskata, L. A. Kheifits, G. P. Il'lina Trudy VNIISNDV no. 751-

CAMPUS PLANNING

Architectural and planning structure of universities R Liudmirskaia Arkhit SSSR no 7:35-37 466 School with open-all recreation facilities I Kanakis. S Kligerman Stroi is thit II no 8-12-14 Ag '63.

Improving the polydynamic method for designing cam-gears, E. D. Peisash, Vest, mashinosti, 46 no 12-26-28 D *66.

CANADA-EXHIBITIONS

Soviet institutions of higher concation at the "EXPO-67." I. A. Gar eductions of ingles conclusion at the "EXP' shkely 24 no. 12:47-49 D 166

CANADA-LITERARY CALENDARS

Honin Ukrainy, Vydavnytstvo, Toronto, [Literary calendar of the "Homin Ukrainy" Publishing House for 1967, for the 50th anniversary of the Ukrainian national revolution and the contenary of Canada, 1867-1967] Al'manakh Ralendar, ... na rik 1967, u 50-richeldia Ukrains'koi natsional 'noi revoliutisi i 100-richeldia Ukrains'koi natsional 'noi revoliutisi i 100-richeldia Kanady, 1867-1967. Toronto, Nakladom Vyd-va "Homin Ukrainy [n.d.] 199 p.

CANADA-MICROBIOLOGICAL RESEARCH

Microhiological institutions in Canada, E. N. Mishustin, Izv. All SSSR Set biol no. 3:468-180 My-Je 163,

CANADA-RESEARCH

Research by Canadian scientists; based on the materials on a trip to Canada. A.G. Butkovskii. Avtom. i telem. no. 11:182~163 '66.

CANALS see subdivision under Kara Kum; see also Suez Canal

- See also subdiviston under Ukraine)

 Balitskill, K.P., A.L. Vorontsova, and A.M. Karpukhina,

 [Medicinal plants in the treatment of malignant tumors]

 Lekarstvennye rastenila v tonapit zlokachestvennyeh

 opukholel. Kiev, Zdorov'ta, 1966. 230 p. (DNLM)
- Biology of the cancer cell; a survey of Cancer Research Congress, A.D. Timofeevskii Vop. onk. 9 no. 3-3-8 163.
- 163.
 Chaklin, A.V. [Geography of malignant tumors] Geografita zlokachestvennykh opukholet. Moskva, Znanie, 1966. 46 p. (Novoe v zhizni, nauke, tekhnike. VIII Serita Biologita i meditsina, no.24)
 Chemotherapy of Brown-Pearce tumor by means of the perfusion method. V.S. Mostenko, V. M. Pivniuk. Vop. onk. 12 no.12:68-69 166.
- Effect of enzymes on malignant tumors. 1,1. Oleinik, Vop. onk. 12 no. 11:104-109 '60.
- Effect of polyglucin on the morphological composition of the peripheral blood in patients with cancer of the stomach, large intestine and breast, I. L. Gol'dman, N. A. Messineva, A. A. From. Vop. onk. 9 no. 3-89-74

- Functional changes in the visual analyzer of patients with cancer. Report No 2, Sh S Alimanianova Azerb, med zhur. 40 no 3 12-18 Mi *63.
- Medical expertise of the capacity for work in malignant neophams | I V Korlákov | Klin onk | no 1/230-234 465
- Mirotvortsev, S.R. [Selected chapters] Izbrannyc glavy.
 Pod red. K.S. Mirotvortsevol. [Leningrad] Meditsina,
 1966, 389 p.
- (DNLM)
- Pozdnukhov, L.G. [Sarcomas] Sarkomy. Alma-Ata, "Kazakhstan," 1966 35 p (DNLM)
- Problem of Serotonin and Cancer. E. Ch. Pukhal'skain. Vest AMM SSSR 15 no 12 61-72 '60
- Protein composition of the blood during the development of carcoma M-1 L.N Sutudeikin. Vop onk 12 of sarcoma M-1 L.N Surodeikina no 11/125-126 '66
- Use of indirective colloid gold in plantisy and naciles of tumorous origin. I IA Chaptin Med 1 ad., 7 no 6,83-90 Ag 162
- Use of radioactive colloid gold in treating oncological patients 7 P Subbotina, V.I Ivanitskaia Med. and 7 no 8:29-32 Ag *62.
- Virology of tumors: a survey of data from the Lighth International Cancer Research Congress 1 S. Irlin Vop. onk. 9 no 341-12 463,

CANCER-CLASSIFICATION

Comparative evaluation of the international clinical (TNM) and Seviet clinical and non-phological classification of breast cancer. S \ Kholdin, L. E. Shpekht Vop. onk. 12 no. 12:3-6 '66

CANCER-CONGRESSES

Problems in organizing anticancer control and the regional characteristics of the spread of malignant tumors. A.V Charlin, Vest AMN SSSR 15 no 12 78-82 460

CANCER-DIAGNOSIS

Cancer diagnosis; a survey of data from the Fighth Cancer diagnosis; a survey of data from the right International Cancol Research Congress A. N. Novikov, S. IA, Marmorshtein. Vop onk 9 no 3 12-15 '63, Diagnostic value of Black's reaction in mulignant turnors S. A Gulteva, M.D. Abdollaev Azerb med zhur no 7 A. N. Novikov,

S. A Gulieva, M. D. Abdullaev 28-32 Jl 162

CANCER—TRANSPLANTATION

Significance of the bursa Pabricii in the induction of tumors in chicks by means of Raus' sarcoma viruscs, R.M. Radzikhovskaia. Vop.onk 12 no 11-48-50 '66

State of the hypophysis-thyroid gland system in rate in the process of inducing liver tumors by means of paradimethylominoszobenzene, V. P. Grinchishin Vop-onk, 12 no. 11:39-43 '66,

CANCER CELLS

Characteristics of a eproduction of individual tack-boarne encaphalitis various with various degrees of neuroviralence in tumor cells in vitro and in vivo. G I Seageeva, E N Levkovich Vop. vh us 11 no 5 630-545 S-O '66

Formation of hemagglutinins and infectious Sendal virus in cells of ascitic Liu lich carcinoma. IU A Smirnov, A.G. Bukrinskala Vop virus II no 5 270-573 S-O 166

CANCER RESEARCH

Antibiotic ctuzin and its mechanism of action on cancer cells. N G. Kitueva, G. I. Roskin, Izv. AN 595R Ser. biol, no 3:366-390 My-Je '83.

Characteristics of cell line of Wilms' tumor in vitre. 1A, V. Dobrynin, L. E. Obukhova, E. E. Mirzolan V. onk, 12 no 11 50-38 '66

Comparative study of the offect of different doses of growth promoting substances of petroleum origin on the development of experimental tumors. S. A. Gulieva Azerb. med. zhur. 40 no 4:15-26 'Ap '83

Cytological and histochemical study of human pigmentary tumors in tissue cultures. Report No. I. Beniga pigmentary neoplasms N. M. Chistova Vop onk, 12 no. Il:22-26 '66.

Development of adenomas in organic cultures of embry-onic lung tissue of mice. T.S. Kolesnichenko, Vop. onk. 12 no.12:38-47 '66.

Effect of Thio-TEPA on the kinetics of the growth of Walker's careinosarcoma-256, V.N. Erokhin and others Vop. onk. 12 no 11·58~61 '66,

The fight against cancer at its present stage L. M. Shabad. Nov. yrem. 25 no. 3:19-21 Ja *67

Genetic mechanisms in malignant neoplasms and leuke-miss, N.N.Kolosova, Vop. onk, 12 no. 12:34-39 466.

Malignant synoviomas with epitheliumlike structures, V.G. Rukavishnikova, Vop. onk 12 no. 11:14-21 '66, Prolonged cultivation of sarcoma 160 (Crocker) in chicken embryos. T. M. Maevskals, T. V. Migulina. Vest. AMN SSSR 15 no. 12:57-61 '60.

Some data on tumors in voles of the genus Lagurus, E, E, Pogosiants, G, M, Piatonova, N. I, Bolontna, Vop, onk. 12 no. 12.47-51 106,

Strongthening the blastomogenic action of urethane by administering it to mice long after the effect of penetrating radiation. N. V. Kozlova. Vop. radiobiol. 4: 332-338 *61.

Study of similarity and difference of specific antigens of human caneerous tumers P N Kosribov and others Vop onk 12 no. 11/3-1/66

Study the timoriganic action of radioisotopes. Vop. onk. 9 no. 3 32-39 163

CANCER RESEARCH -- CONGRESSLS

Pighth International Cincer Research Congress in Moscov D 10 Gustinov Arcib. ried zhur 40 no 2 89-95 1 163

CANDIDA (FUNGUS)

Case of generalized candidomycosis I, D, Fastykovskala, N I Khomenko Frudy No. okuz GDUVa 32-132-133 '65

Comparative study of some physiological-blochemical characteristics of Candida jubusta and species of the Sactharomyces genus. V. I. Kudrikatsev and others. Mitrobiologita. 31. no. 5,779-781. S-O. 162.
Polysactharides in yeartific organisms. N. P. Lilnov. G. A. Vitovskata. Biokhimita. 28. no. 2;312-315. Mir.

Ap '63

Stability of the adaptation of the Candida tropicalis strain 51) 5 (BS) to L-arabinose IU, N K trasevich Miki objologita 31 no 2,211-219 Mi -Ap '62

CANDIDIASIS

Candidjasis in burn disease R N. Katrusbenko Sov med 26 no 3:81-85 Mr '63

CANIDAE-PARASITES see Parasites-Canidae

CANKER (PLANT DISEASE)

Caused by Pseudomon's timefactors, A.D. Koveshni-kov Mikrobiologiia 31 no 5 827-831 S-O 162

CANNED FISH see Fish, Canned

CANNING AND PRESERVING

Razumov, A.A. [Home preservation of fruit and vegeta-bles] Konservirovanie fruktov i ovoshchel v domashnikh uslovitakh. Izd.2 , lapr i dop Tashkent, "Uzbekistan," 1966 333 p.

CANNING AND PRESERVING-HANDBOOKS, MANUALS. ETC. O imean Province.

ETC.
Jimean Province. Oblastnoe upraviente sel'skogo
khozinistva. [Handbook for the canning of fiult and vegetables at collective and state farm plants] Rukovodstvo
po konservirovanito plodov i ovoshebet dlla kolkhoznykh
i sovkhoznykh konservnykh zavodov Simferopoi',
"Krym," 1965. 397 p

CANNING INDUSTRY see subdivision under Azerbaijan

CANNING INDUSTRY-FINANCE age subdivision under

CAPACITY AND DISABILITY

Datablishing the legal incapacity of Soviet citizens according to recent legislative charments, V 1 Prokopenko, Pravoznavstvo no 191-102 65,

"Subjective rights" of Soviet citizens, M. V. Vitruk, Pravoznavstvo no. 1 21-28 '65,

CAPILLARIES

Ultrastructure of cerebral capillaries, N.N. Bogolepov, Zhur nevr i psikh 66 no 12:1797-1802 *66

Ultrasonic capillaty effect, E.G. Konovalov, I.N. Germanovich, Dokl AN BSSR 6 no. 8,492-493 Ag '62,

CAPITAL

Economic functions of payment for capital aggets, B. Rakitskii. Vop. ekon. no. 12:17-28 D '66.

Improving the use of capital assets is the most important condition for increasing the efficiency of production. A Kolosov. Vop. ekon. no. 12:100-110 D 166.

CAPITAL INVESTMENTS

(see also subdivision under Moldavia)

Determining the most efficient way of investing capital, K. Eremeev. Ekon, sel'khoz. 42 no 11,60-65 N '66,

Effectiveness of capital investments in petroleum production industry, as a topic for discussion. A A, Cherias Azerb acft khoz 45 no 945-46 S '66.

Method for determining the economic efficiency of capital investments in agriculture. Sk, Musakozhoev. Trudy Ekon, fak, Kir, gos. un. no. 1 137-145 '64,

Methods for determining the economic efficiency of capital investments and new equipment. Shot, nauch inform, Nauch, sov. po eff. osn, fond, kap. vlozh, i nev, tekh, AN SSSR no. 2 144-159 162.

On the problem of the efficiency of capital investments. G. IA. Burshtein. Sbor, nauch inform, Nauch, sov. po off oan fond, kap, viozh, i nov tekh. AN SSSR nu. 2'84-101

Our plans and tasks, T.S. Khachaturov Shor nauch. inform, Nauch, soy, po eff, oan fond, kap vlozh i nov, tekh. AN SSSR no. 2:3-10 '62.

Principles of the calculation of specific capital investments in industrial construction, G.I Levin Shor. nauch, inform. Nauch sov. po eff. osn. fond. kap. vlozh i nov. tekh. AN SSSR no 2 11-31 162.

CAPITAL INVESTMENTS (Continued)

Since methodological problems of detrimining the comparate control feet of capital monotonials. Problems of Fred, from 40 (07-122-165)

Standard credit of time in much capital investment pays for that if of its correction, the next measure of I to train with the time last of G I to train with the range of train match any postfound that I post of the I to the I to SSR to 2 102-117 to 2

In time trains and the indeser capital investment re-

CAPITAL INVESTMENTS-RESEARCH

Pirectice of a continuating conference on the plan for the study of the common officiency of capital invest-ment of the equipment in 1982. Shor has channed Notice and proof of our field supplied in nov tekly NN SSR (1/2) 20-14-162.

Weak of the contral research mentions. Star nauch intorns Search, or present can found kap block may tell NSSSR or 2012 140, 562.

Work of the Strature Council on the Efficiency of Capital Interstudents in Fixed Asserts and Nev Equipment in 1 oil of or nearth inform cauch as postfass fond kep to hearth with ANSSAR in 2 118-128 (62)

CAPITALISM

Koltunov, V.M. [Development of the social character of the process of production during the period of the general crisis of capitalism, methodological textbool for students of the higher party schools] Razvitle observemengo Rharaktera protsež sa proizvodstva v period obsiehego Frizisa v pitalizma, uchebno-metodicheskoe posobie dlus siushatelet VPSh. Gor'vii, Gor'kovskata vysshata partiinaia shkota, 1965. 70 p. (Cst-H)

CARANE

5 '-Carene > p-1, 5-menthadiene rearrangement in the reaction of 3, 4-dibromocra and 5 above a cetate Z G. Gazea, I. B. Norico, Sona, B. V. Arbusov Dokl. No. 5-5R, 171, no. 2, 349-331. N. 66.

CARBAMIC ACID

No. dithiocarbamate fungicides for controlling the disease of groung plants. N. M. Golyshin and others blum v. Cl. bhoz. 4 no 12 17-21. D. 166

CARBAMOYL CHLORIDE

Kineties of thermal decomposition of carbaminoyl chlorides V/V Petrunin, W/V A. Stropikhacv V Frudy MKHTI no 42 160-162 (63)

CARRIDES

Preparation and study of some physical properties of solid solutions of HIC - MoC and TaC - MoC O I Shulishora I A Shicherbak Izv NN SSSR, Neorg mat,

2 no 12:2145-2150 D 166 Histomicine emission from hafritum and virconium car-tistes, N V, Gorbat, t and others 12x, 4N SSSR, Ser, 112 30 10, 12:1042-1049 D 166

CARBOHYDRATE METABOLISM

Carbohydrate metabolism in the culture of swire embryonal kidney coythelium intected with the foot-and-mouth discuse virus A G. Revenkov, D A TSuverkalov, L. F Grunma Veterinarina 43 no 1 20-24 Ja 467

Changes in phosphorus and carbohydrate metabolism of crythrocytes in health, rabbits under the influence of cortisone BS Berezovskii Problendok i gorm of по 1 7-12 Ја-Г '63

Effect of simulatine on pigments and carbohydrate metabolism in plants F. L. Filmin, R. S. Ponomar'ov, Ukr. bot zhui 20 no.1 52-55 63

Pathways of carbohydrate metabolism in Actinomyces fraddae grown in reedia with starch and glucose G A Penzilo.n. M M Levitov Blokhimia 31 no 6-1247-1252 N-D '66

Study of the carbon metabolism of Pseudomonas fluores-cens and Pseudomonas denitrificans. E. I. Korlova, G. A. Sarochnikova Mikrobiologia 31 no 2;221-226 Mb -Ap '62

CARHOHYDRATES

Colorimetric method of determining reducing carbohy-drates. V. G. Reutskii, L. P. Smoliak. Dokl. AN BOSR 10 no.12-991-993 D 56.

CARBOHYDRATES—BIB LIOGRAPHY see Bibliography— Carbohydrates

CARBOHYDRAZIDE

Quantitative determination of carbohydrazide and its derivatives by potentiometric (itration with sodium nititle A.P., Grekov, D.K., IArovo(Zhur anal Fhim. 21 no.10 1276-1277 166

CARRON

Fibrous rathon. V. IU, Nikolaev, V. I. Kasatochkin. Trudy IGI 18:135-148 162.

Kinetics of reduction of calcium tungstate and motybdate and their isomorphous mixture by carbon A.N. Zelikman, L.V. Heliaevskaia, V. M. Bobylev, Izv. AN SSSR, Neorg mat. 2 no 12 2204-2212 D 166

Organic carbon in the ore deposits of the South likitainian manganese basin IF I, Shulukov Dop, AN URSR no 7 943-936 163

Process of internal reaction and the reactive-vinetic properties of carbon M. I. Rogarina Trudy IGI 18-54-63 [62]

Role of solid carbon in process of thio institution of oxides. L.V Zverev, 7, 5, Barshaya. Min.syr'e no 13:42-L. V Z

study of topochemical exchange reaction between elementary cathon and its oxides by means of a indis-isotope of C I G. Petrenko, Trudy IGI 18 3-

CARBON DIOXIDE

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Ways of formation of embon dioxide in oxidation of straru acid muthylester N. I. Mitskeyl, b. V. A. Lushitskit, B. V. Erofeev, Dokl, AN BSSR, 10, no. 10 752-751 O 160

CARBON DIOXIDE-PHYSIOLOGICAL EFFECT

Changes in the stereotype of respiratory conditioned response and respiratory reactions to the action of ${\rm CO_2}$ following the administration of aminimaine ${\rm CO_2}$. N Kanov, E I. Semello Zhur vys nerv derat 13 no 4 · 680-685 J1-Ag '63

CARBON IN THE BODY

Cathon metabolism by the purple sulfur bacterium Chromatium incomm. I. K. Osnitskand, Chudina, V.I.
Mikrobiologiia 31 no. 5 769-773 5-0 162

CARBON ISOTOPES

Radiographic study of topochemical interaction between carbon exides and cont I G. Petrenko Trudy IGI 18:13-20 462.

18-13-20 '62.

Studies on the products of assimilation of carbon Cl4 by Rhodopscudomonas is atchenkol relict barten in N.G., Doman, A. K. Romanova, Z. A. Terent'eva Mikrobiologilla 31 no 2-193-198 Mr Ap '62.

Study of the mechanism of immunity in fish with the help of Cl4. G. D. Gonchai ov. V. I. Romanono, V. R. Mikrinkov, Dokl, AN 85-81 17 no 5 1237-1210 D '66.

Study of topochemical exchange reaction between ele-mentary carbon and its oxides by means of a radio-totope of C₁₄. I. G. Petrenko. Trudy IGI 10.3-

Synthesis of DL-asparagine sullable for the production of N¹⁵- and C¹⁴-labeled asparagine, M,1 Lerman, S,R, Mardashev, Biokhimita 27 no.5:904-906 S-

CARBON MONOXIDE—PHYSIOLOGICAL EFFECT

Some transformations of guilantic acid in rat brain tissue following listerbance of its function as a consequence of carbon monoxide into deation. L. I. Misht henko, S. R. Chenkel! Ukr biokhim zhu. 38 no 6 565-589 166

CARBON-NICKEL ALLOYS see Nickel-carbon alloys

CARBON OXIDES

Radiographic study of topochemical interaction between carbon oxides and coal, I. G. Petrenso, Trudy ICI 18:13-20 '62.

Study of topochemical exchange reaction between elementary carbon and its ovides by means of a radio-isotope of C₁₄. I G. Petranko, Trudy IQI 18.3-12 '62.

CARBON TETRACHLORIDE

Study of the reaction of aldehydes in carbon tetrachlorida solution based on their intraced sports a V.N. Ush-kalova, V.D. Goldsev, B.V Tronov, Zhur, fiz, khim, 40 no. 11-2865-2867 N 466,

CARBONATITES

Abyssal faces of carbonatites, M.K.Silichev, Geol. rud. mestorozh, 8 no.6:102-106 N-D *66,

CARBONIC ACID

Characterisites of polycarbonates obtained with the melhod of reasterification 1, P. Losev, O V. Smirnova, E. V. Smurova Plast, massy no 910-13 '62,

Make complete use of carbonic acid, S. P. Ostrin,

Masi, -2hir, prom, 28 no, 6:38 Je '62

CARBONIC ANHYDRASE

Influence of carbonic anhydrase inhibitors on the effect of different myorelayants A. I Podtesnaia Trudy LPMI no 32,120-125 '65

CARBONYL COMPOUNDS

Calculations based on the MO LCAO method and acidity of diketone and enol forms of various β-dicarbonyl compounds. E.IA, Gren, G.IA, Vanag Zhun org khim. 2 no.11:1005-1011 N '46.

Conference on the chemistry of dictributed compounds A Aren - Zhut VKHO 11 no 6,649-701 166

likentification of alocous substances. Report No. 8 Kore, R. P. Ivanova Trudy VNHSNDV no. / 116-140 9

Seminicropethods for determination of esters and con-bonyl compounds F. N. Novikova, J. V. Levina, 1114, VNHSNDV no 7 192-104, 911

CARBONYLS

Carbonyl compounds of hiddun I, I Chambaey, Z, M Novorheniak Zhan neorg khim II no 11-2604-2604

CARRORANES

Kineties of migration copolytic fration of propylene width with brehydroxymethylcarborum. B. A. Aktivoc and others. Plast massy no 12 23-24 466

CARBORUNDUM-LLECTRIC PROPERTIES

Liffect of temperature on the impact ionization factor of carborundum N. L. IAanopol'nkii, A. P. Iialuahova, N.S. Lozikina Radiotelli i elektron. H. no 12 2 in 1-22 2

CARBOXYPEPTIDASES

Ability of carboxypoptionse A to catalyze agactions of oxygen isotope exchange and transpiptidation. 1. M Ginodman, N. I. Mal'isov, V. N. Orekhovich. Binkla mira 31 no 6 107 i-1078 N D 166

Problem of designing carburctor jets, I. A. Michkin Trakt i scPkhozmash. no 3º 1-8 1) *66.

CARCINOGENESIS

Artificial induction of virue actigens of the transplantable type buting chemical category units, V, P, Comborg, A, L. Liozner, G, IA, Svet-Moldavskii Vop, onk 12 no 1941-45 266.

Histochemical study of changes in oxidations eduction enzymes in the process of viral carcinogenesis. N. Roikhith, E. A. Smirnova, I. L. Leikina. Vop. virus. 11 no 6:711-717. N-D. 46

Bumoral antibodies in the blood occum of degr in carly stages of carcinogenests under the effect of θ -rephthylands. T.A. Korrieleva, A. P. Skachkov. Vop. 648, 12, 60–12, 67–60–166

CARCINOGENS

Carcinogenic substances, in particular 3,4-kenzopyreer, in smoked products and mentures for their removal, 1, M. Shahad - Vest, AMN SSSR - 15 no. 122-24 766.

Characteristics of blastomogenic activity of priboliding m Irradiation A.V.Gubareva, G.B.Pliss, Vop onk 12 no 11 51-58 466

Effect of some derivative; and Isomers of macil, cylo-sine, and isocytosine on the growth of transplantable tumors. I. A. Aksamitmala, Vop. onk. 12 no. 12 no. 67 166.

Oncogenous properties of polyama virus of the 11/Mas cow strain Z. I. Merckoloza, Vop onk. 12 no 11 15 48 '6b.

Possible mechanism of the recutrence of local inflamentary processes. L.S.Saltamon. Pat.t(ziol.) cksp. terap. no.3:11-48 64.

Sex differences in O-aminozatolurne exerction in the mouse. G. A. Belitskil Blut. cksp. btol. 1 mrd. 55 no 5:96-100 My '63

CARD CATALOGS see Catalogs, Card

CARDIA-CANCER

From the history of the devolopment of surgery for concer of the cardia in the U.S. S.R. A.G. Savinykh. Trady last, im N.V. Skiff. 7:113-117 463.

Molor function of the stomach following resection of the Cardial portion for cancer. V. I. Zheleznyi, S. S. Moro-zov, Sov. med 29 no. 12 26 and D 166

Some problems of preoperative care of patients with cancer of the cardia and esophagus. IU. I. Herezov, P. M. Isakhanov, M. D. Lapin, Dhaper khir i anest. 8 no s. 80-82 N-D 163

CARDIA-DISEASES

Preprimental study of gastronsophageal reflux and methods of its surgical elimination, N. N. Kanshin Sov. med 29 no. 12:92-95 D 186.

CARDIA-SURGERY

From the history of the development of surgery for concer of the cardia in the U.S. S. R. A.G. Savinykh. Trudy hist, im, N. V. Sklif. 7-143-117 163

CARDIAC ANEURYSMS

Cardiac ancurysms developed following myocardial infarct, and their surgical treatment, B. V. Petrovskii Trudy Inst. im. N. V. Sklif. 7:230-237 163. Further observations on the surgery of cardiac ancuryers. B. V. Petrovskii Khirurgiia 30 no. 2,5-13 F 363

CARDIAC MASSAGE

Use of indirect cardine massage in fatal electric injury under experimental conditions N.S. Bektursunovs Sov med 26 no 3;12-16 Mr 163

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CARDING

Effect of the return of the flat-carding wages into the carding machine on the quality of the product D.IV. Skauhit Div vys ucheb hav field tekst promo no. b 41-46 166

CARDING MACHINES

Efficient use of the flats or carding machines G V. Ozhokhoridze Tekst. prom 26 no 12 20-24 D '66

CARDIOVASCULAR AGENTS

Clinical study of hawthorn, a survey of the literature D IA Guseinov North med than no 73-9 II '62

CARDIOVASCULAR RESEARCH

Oslapchuk, I.F., and E.N.Brudnara [Methods for the functional research on the cardiovascular system] Metody funktsional nykli issledovanii serdechno-sosudistol Ktev, Zdorov'e, 1961 221 p (DNLM)

CARDIOVASCULAR SYSTEM

Change in motor chy onaxia and the functional state of the cardlovascular system in students during the communition period. Report No. 2. 11 M. (Tendizade. 1. A. Hagdasanova. Azerb med. zhu. no. 7.19-55. 31. 62. Effect of training excisees on functional state of cardiovascular system in young gymn ats. 7, E Rom mova Teor, i prak, fiz, kult. 29 no 11 63 N 566.

CARDIOVASCULAR SYSTEM—DISEASES

Cardiovascular diseases combined with pulmonary tuber-cylosis, pathoniatomical data. V I Brande, Sov. med. 29 no, 12404-108 D 166

Review of D. M. Abdulacy's book "Problems of cardiolo-Sh S Fhalfen Azerb med 7hm Agr '62,

[Sanatorium and health resort treatment of cardiovascular discrees, materials for an interprovince scientific and practical conference to be held September 28-30, 1965 practical coaterence to be near september zerou, 1994 Sanatorno-kur of ince lechenle sen dechno-so, acticly 1, 7 Abolevanii, materialy k mezhobiastnoi nauchno-prakti-cheskoi konferentsii 28-30 sentiabria 1965 goda. Chita, Chitinskii gos. med. in-t, 1965. 124 p. (DNLM)

CANDIOVASCULAR SYSTEM-SURGERY

Current (infection oretical problems in surgery of the leart and blood vessels 5 A Kolesnikov, 5 V Andreev Sov med 26 no 33-7 Mi '63

CARE OF THE SICK

Cat e for hedridden patients. D Zaitsev, Sots sliesp, 11 no 12 39 D '66

CARENE

Al-Carene -> p.1, 5-menthadiene rearrangement in the reaction of 3, 1-dibromocarane with silver actian Z.G. Isacva, I.B. Nemitovskin, B.A. Arbuzov Dokl AN SSSR 171 no 2:319-391 N 566

Propagation of 3-hydroxymethyl-\$\Delta^1\$ - carene and its a ctate L. S. Avakova S D. Kustova Trudy VNIISNDV no 7 29-31 '65.

CARGO HANDLING

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CARGO HANDLING-EQUIPMENT AND SUPPLIES New hold machinery. Z; Sherle Rech transp. 21 no 7: 48-19 Ji '62

CARIBBEAN AREA -- TRADE UNIONS

[Trade unions of Central America and the Caribbean Sea countries] Profsoluzy stran TSentral'noi Ameriki i Karibskogo Moria, [Moskva] Profizdat, 1966. 161 p, (Profectury mira)

CARICATURE

The "Young cariceturists" club. IV. Malinin. Nar. obr no 12:89-70 D 466

CARNIVAL

Costumes and masks for the New Year's carnival, Sem'la i shkola 21 no. 11:63-64 N '66,

CARNIVORA-DISEASES AND PESTS

Spontaneous leukernia in carnivera. S.F.Sakharev, S.A. Taragov, Veterinariia 43 no.1·40-42 Ja '67.

CAROTENE

Change in carotene content in connection with the metaholism of starvition in plants. A S. Morozov, Trud, the duck har, 11 Selkhoz, maki no, 1218-221 tob,

Dynamics of the car ofene and the agree but acid contents rynamics of the cal oten and the act of the relation of the promising for age plants of the wild flow of the Caucasus introduced in klev. V. A. Nechitario, I. V. Leplitskaia, S. S. Kharkevich. Rust. 1 cs. 2 no. 4. 401-

Effect of β -ionone on carotene E Laszlo, Prikl-blokhim i miki obiol = 2 no 6 644-648 N-D +66

Effect of stabilizators on the presentation of carotene in allalfa meal | D. A. Livonich | Khim v self khor | 1 no 12 32-54 | D. 166

Photopotential of B-earotene film, G.G. Komissaiov, IUS Shumov, Dolel, AN SSSR 171 no 5/1205-1208

in whole blood. V. A. Ku picheva. Blokhimila 28 no 2:201-200. Mi - Ap. b3

CAROLD ARTERY—ABNORMILES AND DEFORMITIES

Posterior trifurcation of the internal carotid artery and its significance in the clink all course of cerebrovascular diseases. R.M. Belenkata. Zhur nevr t psikh the no 167-72 167.

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CARPATHIAN MOUNTAIN REGION-OIL WELL DRILL-

or thing of wells taking into consideration the regular lifes of natural erooks dives B. B. Bakhtalovskii and others. Neft igaz. prom. no 3,22-25 JI-9 '63

CARPATHAN MOUNTAIN REGION—ROCKS, SEDI-MENTARY-TESTING

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Seismic wave puth velocities in the cis-Carpathian Trough G. I Petkevich Nauch rap LPI no 80 103-104 '62

CARPATITAN MOUNTAINS-GEOLOGY

A.V Sidorenko Moskva, Nedia
Vol. 48 [Carpathians] Kaipatty
Pt. 1 Semenenko, N.P., and others eds [Geological description] Geologic beskoe opisanie
1968 538 p. map (insert)

CARPATHIAN MOUNTAINS-GUIDEBOOKS

[Tourists in the Carpathians, a guidebook] Turisty v Karpatakh; putevoditel'. Ushgorod, "Karpaty," 190 206 p. Illus,

CARPATHIAN MOUNTAINS-LIMESTONE

Striated limestones in Menlite series of Pokut'ye Car-pathians V S. Burov, V V Danysh Dop AN URSE no lt:1471-144 '66

CARPATHIAN MOUNTAINS-MINERALOGY

Graphite, graphittle or coal dust, concerning the mineral-ogy of the Rakhov Massif. G. Rezhanov, P. P. Nazarov, Izv. vys. ucheb. zav. "geo! i razv. 8 no 6 55-61 Jz. 163

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Effect of moisture conditions and mineral fertilizers on the yield of table carrot. P. K. Kuz'mich. Vod. khoz. no. 4:91-96 '66.

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Effect of the day length on the growth and development of carrot varieties L.V. Saronova. Shor trud sepi mol nauch. sotr VIR no. 2 189-198 151

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CARTOGRAPHY

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Conference in the Moscov Pagincering Institute for Grodesy, Astial Photography, and Cartography vys ucheb zaw good factof no 3 149-152 [6]

CASCADES (FLUID DYNAMICS)

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Working out the optimal composition of the said lath for sulfor randing the friedon disks of the ships, reverse radio to recar a V. Krindin. Trudy LIVI no \$250-

CASH REGISTERS

New possibilities of the KIM cash (cash) constc). 5 Portugil Soy, torg 10 no 158 Ja 487

CASPIAN LOW LAND-EARTH TEMPERATURE

Geother real regime of some tectonic structures. M. M., Charggin, IV, G., Bogomolov, Doll AN BSSR 10 no 12; 969-973 D 150.

CASPIAN LOW LAND-GEOLOGY

Methods of detecting key hourons in Pilocene and Quaternary deposits. In northwestern put of Cospian Sea region in connection with Hearth for Mesoroic structures N.V. Marasanova, Gool neft i gaza 10 no il-15-50 N. '66

CASPIAN LOW LAND-PLANTS-WATER REQUIRE-

Moisture consumption by vegetation in the Caspian virgin semidesert. I. N. Olovi antikova. Polityvedi nte no. 12-53-63. D. 66

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lising transport and assembly ship "ker-Ogly" with a 250 ton clane for assembling foundations in marine on fields O F Babacy Burenie no.12 14-16 166

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CASPIAN SEA-HYDROLOGY

Calculation of Caspian Sea level fluctuations depending on temperature and salinity of its waters. S.S.Remi/ova. Okeanologila 6 no 5:794-798 566

l ffect of controlled regime of discharge of Volga, Kura, and Ural Rivers on annual course of Caspian Sea level O.I. Sheremeteyskata, K.I. Smurnova, Okeanologita 6 no.5,788-793 66

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CASPIAN SEA-URANIUM ORES

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CASTRATION

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CATALASE

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I' not sence in the use of "Libs as y and bibliographical classification" for the establishment of specialized card files. I G Sukhmaner i O A, Ryholim So bibl no 5 16-49 'u6

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held catalysis and autocatalysis in the reaction of ethylene cylde with anime M. M. Smirnova, N. N. Lebedev Trudy MKHTI no 12-84-88 '63

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Catalytic decomposition of H₂O₂ in liquid phase in presence of Li₂TiO₃. Li₂ZiO₃, Li₂HiO₃. S. A l'utolin, a r Segeova. Zhur fir khim. 40 an 11 2688-2692 p. 166.

Catalytic transformation of cycloherane in presence of adjustic transformation of eyetonexane in presence of vater on nickel-alumina catalysts. Report No. 2: Dependence of dehydrogentton, methane decomposition and cyclohexane reaction with water on temperature in different vater concentrations in reactive mixture. T A. Slovokhotova, A A Balandin, G. I. Usova V Mosk un Ser 2 Khim, 17 no. 5:22-26 S-O '62.

Composition of active "manganese dioxide " A S. Liubimov, IU V Egotov, C i krylov Izv AN SSSR, Neorg mat 2 no 12:2175-2180 D '06

Conference on catalytic reactions in the liquid phase, L. A. Buvalkina, Vest AN Kazakh, SSR 19 no 1:91-92

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Exchange between gaseous and structural hydrogen of alumosition gel G. M. Panchenkov and others Vest Mosk un Set. 2 Khim 17 no. 5 7-10 S-O '62, Homogeneous catalytic hydrogenation. Part 8, V.A.

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Inhibition of the catalytic activity of metal ions of variable valency in the o idation of ubber. A.S. Kuzminskii, V.D. Zultsva, N.N. Lezhnev, Vysokom, soed i no 11 1882-1687. N. 192

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Studying the mechanism of the reaction of ethylene oxide with amines and the reactive capacity of amines in the acid catalysis of the process in nonqueous solutions. M. M. Smir nova. N. N. Lebedev. Trudy MKHTI no 42: 89-93 '63

Use of synthetic zcolites (molecular sieves) in catalysis. Kh M. Minachev, V.I Garanin, IA.I. Isakov Usp khim 35 no.12 2151-2177 D 186.

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d

Catalytic activity of metals as depending on their position in periodic table A. M Sokol'skala and others Trudy Inst, khim, nauk AN Kazakh SSR 14-200-209 '66

Catalytic conversion of cyclodecane on an aluminumchrome-potessium catalyst E. S. Balenkova and others Neftekhimiin 3 no 5 559-662 S-Q '63

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And could be polymer faction of a thylan of oxide them of mm and oxide molybdenum catalysta in the gas phase M.A. Landau, V. V. Shchekin. Nette khimita. 3-no. 5-44-718 5-O 6d

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Study of electrochemical behavior of ruthonium electrodecatalyst by means of the charge can you method, T.N. Stofanovekala, G. P. Khomehenko, G. D. Vovehenko Vest, Mosk, an Sec. 2. Khim. 17, no. 5, 30-43, S. O. 462

CATARACT

Valushielu, E.S. [Cataract] Katarakin, Moskya, Medi-tsina, 1966, 14 p. (Nauchne-populi a nala meditsinskaja Hteratora) (DNLM)

CATATONIA

Therapeutic mechanism of the effect of reserpine in the ratatonic stuperous form of a his upin cula, L. L. Dmittley Zhut nevt 1 psikh, 63 no.1:103-107 % !

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CATHODE BAY OSCILLOGRAPH

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Effect of platinum group metal films on the emission of an oxide coated cathode, IU. A. Volodin, A. V. Druzhinia V. A Smirnov. Radiotekh i elektron. H no.12 2762-2265 D 466.

Origin and characteristics of cathode upote in impulsive discharge, R Banharov and other: I.v. AN 889R, Sertiz. 30 no. 19 2013-2018 D 466.

Role of the material of the central part of a cold cube-le in Penning-type if charge F M Relighand P, fl V Spilintt-skila, R, P Babertsian – Radiotelli I chlis i ll no 11 2005-2008 N 466

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Amino acid composition of leasocytes in cattle leakents V.A.Exoshin Veterinariis 43 ma, 1 36-40 Ja '67 Prophylaxis and therapy of ringwotin. C. A. Rolesnikovs. Voterinarita 43 no. 12:30-31 D 406.

Role of soil dermatophytes in the etiology of trichophy tools in cattle. T.P. Pehellutseva. Veterlandia 43 no, 12;29 D 166,

Ticks Ixodes ricinus and Rhipicephalus bursa as carriers of theileriasis of antile, V.D. Mechaheriakovs, Vete-riasriia 43 no 1-59-62 Ja 107.

Treating actinomycosts in cattle. A.P. Kosysh, Veterinaria 43 no. 11:63-68 N 408.

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Effect of physicogeographical conditions governing Caucasus on temperature regime of free atmosphere. Kvaratskhellia. Trudy ZakNIGMI no. 11:54-88 63.

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Effect of physicogeographical conditions governing Cau casus on temperature regime of free atmosphere Kym at thellia Trudy ZakNIGMI no 11,54-59 '63

CALICASUS -- RUNOFF

Vazimov, A.N. [Analysis and forecasting of the stream-flow of the Caucasus] Analiz 1 prognory stora rek Kav-kaza. Moskva, Gidrometeoizdat, 1966. 273 p.

CAUCASUS-TANGERINE

Studying the degeneration phenomenon in the tangerine citrus and find doing vegetative propagation V. V. Glaryin. Shor trad asp i mol nauch son VIR no. 2 239-217 [6].

CAUCASUS-TOURISM

Voronov, A. A., [Topographical manual for tourists]
Spravoclnik turista po lopografit. Maikop, Adygetskoe
knizhnee 12d-vo, 1963, 106 p.
[MICROFILM]

CAUCASUS-VOLCANIC ASH, TUFF, ETC

Gai not be ming crystal tufes of northwestern Cancasus, M. G. Lornice. Bull, MOIP Odd., od. 41 no. 1,102-119 Ji- ig '66.

CAUCASUS, NORTHERN-AGRICULTURE

nogo proizvodstva. [Krasnodar] Krasnodarskoe knizh-noe izd-vo. 1966 261 p. (CSt-H)

CAUCASUS, NORTHERN--CARROTS

Studying sesquiter pene compounds of essential oils from the fruits of the wild carrol Dantus enrola L. growing in the Northern Caucasus. G. V. Pigulevskii. V. I. Kovaleva. Hast res. 2 no 4:527-531 %6

CAUCASUS, NORTHERN-DOGWOOD-VARIETIES

Intraspectife diversity of Cornelian cherry trees in the predmonts of the Northern Caucasus T G Beliacva Shar trud. asp i mol. nauch, sot: VIR no 2:232-238

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CAUCASUS, NORTHERN-FORESTS AND FORESTRY

Now the Russian prei evolutionary government seized the communal forests of North Oppetia, S.D. Kulov, Izv. Sev. -Oret. nauch -issl. mst. 25:125-133 '66.

CAUCASUS, NORTHERN-FRUIT-IRRIGATION

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CAUCASUS, NORTHERN-GAS, NATURAL-GEOLOGY

Prospects for oil and gas occurrences in Paleozoic (?) folding in western and central Ciscaucasia, B. M. Valiaev, I.S. Satkisian. Neftegaz. gool 1 goott/ no. 12 12-14 '66.

CAUCASUS, NORTHERN-GEOLOGICAL TIME

Age of metamorphic layers in the Peredovoy Range of the Northern Caucasus, A. A. Belov, S. M. Kropachev, A. 15. Rozanov Izv.vys.ucheb zav., geolirazv. 6 no. 1-31-36 Ja 163

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Now stratigraphic scale of Middle Paleozoic sediments in the Northern Caucasus, D.S. Kizeval'ter, Izv. vys, ucheb. zav. (geol. i razv. 6 no 1/11-30 Ja '63,

Stratign aphy of the Upper Cretaceous sediments in the Tauzchay Basin (Lesser Caucasus). R. N. Mamedzade, Azerb neft. khoz. 42 no 78-10 Jl '63.

CAUCASUS, NORTHERN-HISTORICAL GEOGRAPHY

Establishing the place of the Akhardei and the alliance of the Sirak tribes, based on written sources. V. B Vinogradov. Sov.arkheol. 10 no.4:38-50 168.

CAUCASUS, NORTHERN-HISTORY

[Leading force of modern times, from the history of the Soviet working class of Daghest'm and Northern Cauca-sus] Vedushchaia sila sovremennosti, iz istorii sovet-skogo rabochegoklassa Dagestana i Severnogo Kavkaza. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1964. 2a, 170 p, (CSt-H)

The Russian prerevolutionary government and the peoples of the mountain regions of the Northern Cau-casus from 1860-1900 F.P. Troino. Izv. Sev. -Oset, nauch -issl, mst. 25-107-124 166

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CAUCASUS, NORTHERN-LEPTOSPIROSIS

Clinical epidemiological characteristics of leptospirosis in some regions of the Northern Caucasus IA 5 Popkeyich-Diamont Sov med 26 no 3,41-46 Mr 4,3

CAUCASUS, NOR'THERN --- METEOROLOGY, AGRICUL-TURAL

Batova, V.M. [Agroclimatic conditions of the Northern Caucasus, applicable to winter wheat? Agroklimatiche-skie resursy Severnogo Kaykaza, primenitelino k ozlmoi pahenitse. Lenligi ad, Gidi ometeoi, izd-vo, 1966. 155 p illus, (DNAL)

CAUCASUS, NORTHERN-ORGANIC MATTER

Role of geological and geochemical factors in accumulation of disser insted organic matter in Mesozoic and Conozoic sediments in western Ciscaucasia, E S. Latekaja Lit. i pol iskop, no 6 65-77 N-D '66

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Regional cap rocks and their role in distribution of petroleums of various types in Mesozoic deposits of western Ciscaucasia, T.A.Botnuva, G. N.Molodykh Neftogaz, geol. 1 gcofiz. no. 12 14-18 GG

CAUCASUS, NORTHERN-RAILROADS-COST OF OPERATION

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CAUCASUS, NORTHERN-REVOLUTION, 1917-1921

Zeilikovich, I. M. [Years of struggle] Gody bor'by.

[Slaviopol'] Staviopol'skoe kuizhnoe izd-vo, 1963, 34 p.
(CSi-H)

CAUCASUS, NORTHERN-ROCKS, SEDIMENTARY

Lithology of Pre-Cambrian formation of volcanoclastic locks in Shidzhaimaz Valley (Northern Caucasus) IU, IA, Potapenko Lit, i pol iskop no. 6,142-145 N-D

CAUCASUS, NORTHERN-TRANSPORTATION

Coordination of unit ond and automotive transportation in an temporare region K. Tugengol'd Avt. transp no 7 23-25 Jl '63 no 7 23-25 J1

CAUCASUS, NORTHERN-WHEAT

Batova, V.M. [Agroclimatic conditions of the Northern Caucasus; applicable to winter wheat] Agroklimaticheskie resu sy Severnogo Kavkaza, primenitoľno k ozi-moi pshenitse. Leningrad, Gidrometeor. izd-vo, moi pahenitse. Le: 1966. 155 p. illus (DNAL)

CAVES see subdivision under Hashkiria; Crimean

CAVITATION

Increasing the resistance to cavitational prosin of the operating bushings and cylinder blocks of marine diesels, Z.A. Khandov, IU. T ISapenko. Sudostroenie 56 no. 11 22-24 166.

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CELIAC ARTERY

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CELL DIVISION (BIOLOGY)

Diurnal fluctuations of H3-thymidine incorporation into Interphasic primary spermatocytes of mice. G. P.
Makedonov TSitologila 8 no 5:652-654 S-O '66.

Effect of basal polypeptides on cleavage of sea urchin eggs, V. I Voroblev, T. A. Smirnova TSitologila 8 no 5:655-658 S-O '66.

The 24-hour rhythm of cell division in tissue cultures N I Zaskal'ko Biellelsp biol i med 55 no 5-104-108 Ny 163

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Mechanism of interferon effect on reproduction of small-pox virus and cell metabolism OP Peterson Vop virus 11 no 6-662-666 N-D '66

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Information and ribosomal ribosucleic acids in the chromosomal-nucleolar apparatus, methods of their separation and their nucleotide composition. G.P. Georgiev, V. 1. Montieva Biokhimlia 27 no. 5:849-957 S-O 162.

Structure and chemistry of cell nucleus as argunoid of ecilular ribodome synthesis IU 5 Chemisov, Ubj wave biol. 62 no. \$ 324-344 N-D 166

Cytochemical study of intracellular inclusions in measies infection Z A bidumalikers, L A Vanag Vep virus 11 no 6.706 -711 N -D '66

Offeet of thyroid hormones on the content of individual protein fractions in the structural elements of rat liver cells, S IA, Kaplanskil, S A, lUsupova, Bloshimula 27 no 5,907-911 S-O '62

Frank, G.M., and V.G. Asiakhova. [Life of the cell]
Zhizu kletki, Moskva, Znanie, 1967. 15 p. (Novoc
v zhizul, nauke, tekinike. XII Seriia Estestvoznanie
i religiia, no.1)

Glutaminase and glutamine distribution in various elements of gastile muscle cells II, M. Rekit - 2ade, II I Syldroya Uki blokhim 2hu 38 no 5 642-647 466

Ultrastructural organization of olfactory cell hairs in bony fishes, A.A. Bronshtein, G.A. Piatkina Tsitolo-giia 8 no 5 612-645 S-O '66

CELIS-PERMEABILITY

Study of per monthlity of artificial membranes for neutral and ionizing substances as related to membrane at uc-ture L N Moisceva, A G Pasynakii Biokhimita 31 no 6:1159-1166 N-D '66

Ultrastructure of crab aron and its permeability to vital stairs. K.A Golfand and others. TSitologija 8 no 5:585-597 S-O '66.

CELLULAR GLASS see Glass, Cellular

CELLULAR PATHOLOGY see Pathology, Cellular

CELLULASE

Cellulase activity of soils of some East Siberian landscapes depending on the conditions of the geographical crystomecrat. V. P. Kislitsyna. Dokl, Inst. geog. Sib. 1 Dal', Vost. no 10; 18-44 '65.

(holds of methods for studying changes in the properties of stray and reed cellulose in the process of grinding, M. M. Grinberg, Shor, trud, UkrNIB no, 784-92 '66.

Decomposition of methylcellulose by soil fungi - I, C, | Ranevskein - Miki obiologiis - 35 no 5:868-870 S-O - 66.

Improving the filamentous structure and the properties of cellulose hydrate fibers. N Drish. Zhur Vffilo II no 6:947-853. 466

Modern concepts concerning the milling of cellulose fi-hers D. S. Dobrovol'skii Bum prom 37 no 1 30-31 Ap '62

Reactivity of polyacotals as depending on their structure, N. IA. Lenshina, V. I. Ivanov, Vysokom, ased. 4 no. 11-1647-1653 N 162.

CELLULOSE ACETATES

Study of methacrylamide grafting to triscetate cellulose films under the effect of ultraviolet irradiation. S. K. Kudi na. Vysokom sood 8 no.10;1823-1827 O '66.

CELLULOSE DECOMPOSING MICRO-ORGANISMS see Micro-organisms. Cellulose decomposing

CELLULOSE ESTERS-DIELECTRIC PROPERTIES Dielectric properties of some cellulose esters in a wide temperature range. P. F. Vesetovskii, Vysokom. soed. 4 no. 11:1617-1624 N '62.

CELLULOSE XANTHATES

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Coment for earthquakeproof building, B, V, Volkanskii, N, P Shteiert TSement 32 no 6;3-4 N-D '66

Contraction change of the solid phase of cement stone setting, I.N. Akhverdov, T.E. Shalimo, Dokl. AN BSSR 5 no. 9 570-573 S '62,

CEMENT-HARDENING

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CENTRAL AMERICA-TRADE UNIONS

[Trade unions of Central America and the Caribbean Sea Countries | Profsoluz, stran Tsentral'no: Ameriki i Karibslogo Moria, [Moskva] Profizdat, 1988, 161 p. (Profsoluz, mira)

CENTRAL ASIA see Asia, Central

CENTRAL ASIA, SOVIET see Soviet Central Asia

CENTRAL CHERNOZEM PRESERVE-BIRDS-FOOD Data on reeding habits of some birds in Central Chaine-zem Preserve V I. Fliscovi, L. P. Khvatovi, Truda TSenti, -chern 505, 24p no 4-86-109 157

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Preserve, S. S. Levitskii, Trudy Tentr, -chern gos.
zap ro 4 110-172 '57

CENTRAL CHERNOZEM PRESERVE—OAK

- Effect of ocorn size on oak receiling growth during first year. N.M. Shutriet Trudy TSentr. -chein. gos zap no. 4 38-72 '57.
- Materiols on natural thinning of dense oak plantations. D. A Korrishin. Trid. TSenti -chern.goo. zap no. 4: 37-57 '57.

SENTRAL CHERNOZEM PRESERVE—SOIL MOBTURE

Some data on precipitation tole during regulation season in replenishing soil moisture. V.V Gaitsyl. Trudy TSentr.-chern gos zar. no 4.73-85 '57.

CENTRAL CHERNOZEM REGION—GEOLOGY, STRAT-

Spore and pollen complexes in the Neocomian deposits of the Central Chernozem Region, G V Shranikova, Trudy VGU 63 85-05 65

CENTRAL CHERNOZEM REGION—LAND

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CENTRIFICAL PUMPS

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- Using cenh ingal injectors with gas-motor drive M. I. Brelhman, V. V. Gordzanko skii Neft i gaz prom no 3 73-76 Ji-5 '83

CENTRIFUGES

Rostovskii Promstrobilipioekt. [Dynamic loads caused by crushing and milling, diafting and blasting machines and centrifuges, handbook for designers] Dinamichoskie nagruzi i ot drobilino-razmolinykh, tragoduticvykh mashin i tsentrifug, posobie dila prockti ovshchikov. Rostov-na-Donu, 1966. 47 p.

[MICROFILM]

CERAMIC INDUSTRIES see subdivision under Siberia,

Western CERAMIC INDUSTRIES-EQUIPMENT AND SUPPLIES

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Brightness coefficients of ceramic metal alloys. Raichento, Potosh met 6 no 11:30-42 N 466.

CERAMIC METALS ... TESTING

Studying ceramic metal materials with a nickel - horon nitride composition. M E Belitskii, Porosh met. 6 no. 11 20-11 N 166.

CERAMICS

- (see also subdivision under Azerb tijan; Turkmenistan)
- Kechetoy, M.I. (Our ceramics) Nasha keramika. [Vol-gogi ad] Volgogradskoe knizhnoe 12d-vo, 1962. 22 p. (Novosti ciki Volgogradskogo ekonomicheskogo 1 atona)
- Obtaining grog for sewer pipe by sintering local clays, A A, Bezverkhii, I, A Levina, Steh i ker 23 no 12 21-24 D 166

CERAMICS -- CONGRESSES

All-Union Conference of workers in the porcelain-faience industry Stek i ker 23 no, 12:38-40 D 166, Recommendations of a seminar. Stek, i ker. 23 no. 11: 47 N '66.

CERAMICS-ELASTIC PROPERTIES

Calculating the anelastic deformation of glass and ceramic products with help of the transition modulus N V Solomin. Sick i ker. 23 no 12 9-10 D '68

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CEREBELLUM

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 Analysis of the characteristics of the electrical activity of
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- Am opes of the localization of conductive pathways of the open of the focalization of conductive paramays of the visceral afferent system in the region of the internal capsule O. G. Baktayadzhian. Biul. eksp. biol. i med. capsule O. G. Baklaya 55 no.6:8-13 Je 63.

- Character fetter of our confe dehydrogen are distribution in the cerebral confex of recipined at M. M. Bushini Zhan vys nerv defat. 13 no 4/31-7/30 JEAp 363
- Characteristics of the formation of temporary corners tion systems in the Second anguiting system, ACM Modificacy. Zhur, vya nerv derit. 17,00,8100-150 Mysle 462,
- Controversial problem (of the tracture of intersecret) reflexes $N(HI, {\rm Relead}\, \alpha_0)$, when, we make that -12 no. 3 $\,118-125\,$ My $\,10^{-1}$ a 2
- Electrical indices of the dynamics of neural process in the partial some of the contexturing the "non-active" phase of the trace conditioned response. Both Cons-vice. Zhin vy. nervish at [1] no 4,650 (66) 11-50. 46.1
- Pvaluation of the functional applificance of the electrical responses of the additory system in sponses to response that the constraint is ordered potentially increasing to odel and not a conditional (C.V. Gershuni, N.V. Zahneya 1976). Aun 194177-1166. O. 462
- I permontal model for the study of the interrelation of the cerebral contex and other offer large indigen. Val. Klochlov Binl chap biol i med 55 no 5,41 cht 11,
- Methodology for the implantation of multiple \star beginden m various areas of the cerebral corbs mests NN Thachenso Fiziol, thur 48 no 10 12 (9-124) to the
- Recent data on the characteristics of the aprelficure of ascending activations P. K. Amidian, Zhui Cyclin to defat. 12 no 3-379-390 M -gr 762
- Spatial synchronication or a sactivity in the correlation test of patients with parametrischerophicalist V. Pushka, V. A. Talavilnov, Zhan, nevi i pakk band, 176-84–467.
- ing, to an or, our of the control of

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Retractor the 15 of Tongta and of corfficial near one of Y. Kirnetsov – Izv. AN Mohl to R. no. 1337-122 - 965

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- Content of advending and norady maline in the bloot lineschemic inputting. A.A. Shatalova, A.A. Grant Hi, Zhur, nevi I pilkh, 67 no 1 25-29 for libertoonee phalographic characteristic court in markenal state of the in in putting having had in mitter 1.1. Makarova, Zhur nevi I pilkh, 67 no 1 2-6, 67,

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- Rate of secretion of cerebrospinal fluid by vareniar players of the label. Firstly zince $-10^{-10}~\mathrm{Hz}$ $-10^{-10}~\mathrm{Hz}$ 1252 O '62,
- Technique for chialning exceptionplind flutd from rein deer VS, Pedotov Veterin unla 33 no 32 no december D 466.

CEREBROSPINAL FLUID—ANALYSIS

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CEREBROVASCULAR DISEASE

- Changes in the concentration of sodium and pota simil in the blood plasma during acute dinorders of the received ablood circulation, 15, M. Burtsey, Zhur, never p. 16, 67 no.147-22 [6].
- Effect of redergam on cerebral blood circulation in pattents having had insultus. D. Khadzhtev. Zhun in r. i patkh. 67 no.1:33-37 467
- Posterior trifurcation of the internal carotid carters and its significance in the clinical course of creeking cubar discrete. R. M. Helenikala. Zhan, never 1 pulls of no 1,67-72 161.
- Significance of determining alkaline pho-phatase of leuco-cytes for the diagnosis of disorder of the errebrat blood treulation. M. G. Shubleb, V. I. Shrayrev, A. A. Ashman, Zhun, nov. I. patch, 67 no 1170-12 057.
- Smirnov, V.A. [Treatment and prevention of disorders of cerebral blood ch culation] Lechenic i profilaktif-i rasstroisty mozgovogo krovoobrashrhentin. Moskyr, Mediisina, 1966. 234 p. (Biblioteka prakticheskego waschal (DNLM)

CERIUM

Britism Use of tributyl phosphaton for extraction of interogram amounts of certum in the analysis of steets, \$\frac{10}{2}\$ to Eremin, \$V,V\$, Racy skata, \$P,N\$, Romanov, \$Zhar anal, khim, \$21 no. |1 1303-1305 | 566.

Cerium isotopes—physiological effect

Radiation damage of stomach induced by radioactive cerium G.A. Lebedeva Radiobiologita 6 no 5 no 7 809 '66.

CERIUM-NICKEL-SILICON ALLOYS

Ciystal structures of compounds CeNi,Si, and isostruc-tural compounds in related systems D. I, Bodsk, E, I Gladyshevskii, P. I. Kripiakevich II.v. AN SSSR Beorg mat. 2 no. 12 2161-2155. D. 66

CERVANTES SAAVEDRA, MIGUEL DE, 1547-1616 Clever hidalgo mer libris E. Minaev, Knizh torg, 17 no 12 38-49 D 56

Studying cesium adsorption on tungsten single crystals.
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CESIUM ISOTOPES-PHYSIOLOGICAL EFFECT

Change in Calar concentration in human organism Pauge in Cyr., Concentration in miman organism. 10 V SixIntsey, V. A. Kanareikin, O. M. Arutinov. Radiobiolo-gita 6, no 6, 822-825, 66

CESTODA

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rinatita 43 no.1101 fa 167.
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CEYLON-FOREIGN RELATIONS-RUSSIA Moscor and Colombo, B. Riabov, Nov. vrem. 25 no. 8 18-19 F '67.

CHAROVSKII, MODEST ILICH, 1850-1916

Modest Il'ich Chaikovskii as a teacher of the deaf. G.V. Kuznotsova, Uch.zap.MCPI no.219:198-209 '61.

CHAINS

Choice and use of load-lifting block chains. M. Shift in Rech. transp 25 no 12 36-39 466,

(see also subdivision under Odessa)

Electric varnishing of chairs with highly viscous varnish V 5. Vozmak, M.L. Belokon' Der. prom. 15 no 12 8-9 D '66,

CITALCOGENIDES

Optical width of forbidden zone. The haldes and chal-cogenides S.S. Batsanov, S.S. Derbeneva, N.A. She-stakova, Izv. AN SSSR Neorg. mat. 2 no 12 2251 D

Study of the systems PbSc - GeSc and GcSc - GeTc L. E. Sholimova and others frv. AN SSSR, Neorg mat, 2 so.12 2003-2109 D 166

CHALCOGENIDES-MAGNETIC PROPERTIES

Studying rengaetic properties of neodymium monochale o-gentides at 4 2° - 150 K V E Adamian, G, M Loginov Zhui ekspiteoi fiz 51 no 4;1014-1017 O '66

Abyon pilon spectra and stability of complexes for med in the interaction of thiophene analogs of chatcone with to on chio ide and antimony pentachloride V. M. Tolma chov. O. F. Bob on ov. V. I. Laviushyn Dop AN URSR V M Tolmas no 11-1151-1437 '66

CHALCOPYRITE-SPECTRA

Applying perturbation theory in studying electron energy spectrum in semiconductor compounds with chalcopyrite lattice G, F Karavaov, A S Poplavnot Fiz tver tela B no 7:2143-2148 Jl '66

CHAMAZULENE

Chamazulone C-glucoside, M. V. Nazarenko, M. S. Perova, E A. Sokolova Kinm, prirod, seed no 5: 361-362 '66,

The dialectic of necessity and chance, G. M. Shtraks, me manacuc of necessity and chance. G. M. Shtrak Vest. Mosk un. Ser. 8; Fllos. 21 no. 3,84-86 My-Jo 166

CHANNELS (HYDRAULIC ENGINEERING) see subdivision under Georgia

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CHARVAK HYDROELECTRIC POWER STATION

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CHATKAL RANGE REGION-FLUORSPAR

Radial fluorite of Chatkal Range region. I, P., Zarevich. Uzb. geol. zhur. 10 no. 5:75-76 '66.

CHEBOKS AROY, N.N.
Awarding the N.N. Mikiukho-Mokiai Prize. Vest. AN
SSSR 36 no. 12:95 D 66.

CHE BYSHEV POLYNOMIALS

Analysis of successfulness of approximation of surface to essure field by expansion in Chebyshev polynomials A.V. Gaas Trudy AANH 277 14-50 186.

Interpolation by national functions with fixed poles. V. N. Rusak. Dokl AN BSSR 6 no 9 548-550 S 462

CHECHEN-INGUSH A S S R --- CORN (MAIZE)

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CHECHEN-INGUSH A.S.S R .- INDUSTRIES

CHECHEN-INGUSH A S S R -PROSPECTING

Gift of Groznyy oil prospectors. Sh. Abubakarov Neftianik II no II 5 N '66

CHECHEN REGION (NORTH OSSETIA)-COMMERCE

The trade and exchange of goods in the Chechen region from the second half of the 18th century through 1850. P. V. Totoev. Izv. Sev. - Obet, nauch, - issl. inst. 25, 151-168 'GG.

CHECKERS

Checker dynastics Semina i shkola 21 no 12 67 D 166

CHEKHOV, MIKHAIL ALEKSANDROVICH, 1891-1955 Mikhail Meksandrovich Chekhov, Ruben Simonov, Teatr 24 no.7,112-117 Jl 463

Questionnaire answered by M. A. Chekhov. Teatr 21 no. 7 116-122 J1 '63.

Extraction of chelate compound of plutonum (IV) with 1-phenyl-3-methyl-4-benzoyl-5-pyrazolinone IU A, Zolotov, M.K Chmutova, P.N. Palei Zhur, anal, khim 21 no 10 1217-1222 166

CHELYABINSK-AIRPORTS

Combined terminal in Ch. Lyabinsk, V. IUI kin, Arkhit, 8981t no. 8,50 466.

CHELYABINSK-HISTORY

Kozyrov, A.I., [M. I. Kalinin in Chelyabinsk Province, 1920, 1921, and 1933] M. I. Kalinin v Cheliabinskol oblasti, 1920, 1921, 1933 gody. Cheliabinsk, IUzhno-Ural'skoe kuizhnoe izd-vo, 1966, 32 p. (CSt-H)

CHELVABINSK-MOTOREUS TERMINALS

Combined terminal in Chalyabmak. V. lUrkin, Arkhit 555R no. 8,59 166

CHELYABINSK--PIPE MILLS-ELECTRIC EQUIPMENT High-speed assembly of the electric equipment of the "1020" Pipe Mili L I Shufman, D. I. Biuman, Mont. I spets, rab. v stroi 25 no. 9:12-11 S 463.

CHELYABINSK-RADIO IN INDUSTRY

Let us correct mistakes. T. Frotushkins, L. Chernyshev. Sov. radio i tel 12 no. 5:20-21 My *63

CHELYADINSK-ROLLING MILLS-DESIGN AND CON-STRUCTION

Prom esperience of huilding complex for continuous billet mill in Chelyabinsk D V Vainshtein, IA, 8 Kriuchkov. Prom strol 44 no H2-1 166

CHELYABINSK-STREL INDUSTRY

They disproved the estimates of engineers. P. Vainshtein. Mol romm no. 3,40-11 Mr '61

CHELYABINSK PROVINCE-ANOPHELES

Phenology of Anopheles maculipennis messeas in Chelyabinsk Province, V. G. Pilatov, A.G. Kotell nikova. Med paraz i paraz bol. 31 no. 5:614-616 S-O

CHELYABINSK PROVINCE—CONSTRUCTION INDUSTRY

Talasenko, M. IA. [Business accounting of construction organizations and operation planning in construction, as exemplified by the construction organizations of Chelyabiask Province! Vonutripost occhnyl khoznaschet i openativnoe plantrovanie v strottel'stve; nap innoraki stroitel'nykh organizatsii Cheliabinskoi oblasti. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1963, 99 p

CHEMICAL APPARATUS

Automatic control of the pl medium in the production of tubber with the use of rosin and fatty acid emulsifiers. D.S. Glagolev and others. Kauch, I rez. 21 no. 6:45-

44 Jo 102, Automatic pH-maintaining ittrating device. Vest. AN SSSR 36 no. 12-26 D 166 Oxidation of ammonia by oxygen in tubular-type apparatus, A P Zasorin, R. G. Orzulova, V. I, Troshchenko, Khim, prom. Ukr no. 6;28-29 N-D 166.

CHEMICAL APPARATUS ... COOLING

New developments in the cooling system for hydrolyza-tes V.K. Goncharenko Gidrolfz, i lesokhim prom 15 no. 4:21 '62,

CHEMICAL BONDS

Calculation and interpretation of vibrational spectra of diborane compounds, Part 4. V.N.Kapshtol', L.M. Sverdlov. Zhur.fiz.khim, 40 no.14;2818-2322 N 186.

Direct of chemical bonds between subject and filler on ruh anrate remtor cement Z, V, Chernykh V, G Ep ahr m, B, P, Hikhomirov, Koll zhar 28 no 5-900-403 N-D 466

Effect of the structure of unsaturated nitriles with conjugate bonds on their hydrogen dron rate in inraced solvents. I D Volkova, D V Sokoltskii. Trudy Inst. khim nork ANK (19th SSR 11231-239) 166

Mechanism underlying thosphoton sensibilitation of bond by all right in organic molecules at 77 K / V/V/RyPkot, V/L Lholmogorov | Dokl/AN SSSR 1/11 no/2 955-498/K / 66

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Two-photon sensibilization of C-I bond breaking in chivit loddle in the presence of arousetic compounds. V V Hydkov, V F khalmogores. Zhar fiz khim. 40 ao 11,2400-2002 N 465.

CHEMICAL ELEMENTS

(see also subdivision under Russian Platform)

Popens, J. [Chemical elements in nature and medicine] Kimiskio elementi daba un medicina. Riga, Zvalgzne, 1966. 60 p. [In Latvian]

CHEMICAL ENGINEERING

Vedernikov, M.I., and I.V. Rudol. [Handbook for the operators of compressors and pumping machinery in the chemical industry] Mashinist kompressornykh i masonykh ustanovek khimicheskol promyshlemosti. Izd. 2., Ispr. Moskva, Vysshata shiola, 1965. 386 p.

CHEMICAL ENGINEERING-CLECTRIC EQUIPMENT

Concerning the choice of cultain types of equipment for explosion hazardous departments with consideration of the characteristics of the surrounding medium. I.L. Rakavich Prom, energ. 16 no 161-62 Ju 161,

CHEMICAL FQUILIBRIUM

Liquilibi ium in dissociation (cactions of sikane molecules into radicals V. A. Ulitskii Neftelchimita 3 no 5-650-654 S-O '63

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CHEMICAL EQUILIBRIUM-THERMODYNAMICS

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CHEMICAL INDUSTRIES

Conference on the automation of the production of synthetic rubber and synthetic alcohol. G. A. Markovich. Kauch 1 (c) 21 no. 6:59 Jo. 16.2

Cooperation of member countries of the Mutual Peopornic Assistance Council in the development of chemical industry N. P lito., M i Garbar, Khim, prom 42 no. 12;881-888 D 66.

Fromony meach workshop. Khim prom. Iki no 6.64

Fourth Plenum of Central Committee of our Trade Union. A. Babalan Neftianik II no Il 17-18 N '66

Regularities of the rates of branch development, E. Savinskil, Vop. ekon. no 12:30-40 D '66. Note of chemistry in agriculture Kim prom [Ukr.] no. 3 3-1 JI-S 162.

CHEMICAL INDUSTRIES-FINANCE see subdivision under Dank w (Lipetsk Province)

CHEMICAL INDUSTRIES-LABOR PRODUCTIVITY

"Chemization" and labor productivity. L.A. Mashinskii. Khim. prom. 42 no. 12:532-93 i D 466.

CHEMICAL INDUSTRIES-MATHEMATICAL MODELS see subdivision under Germany, East

CHEMICAL INDUSTRIES -STATISTICS ace subdivision under Moscow Economic Region

CHEMICAL PLANTS

(see also subdivision under Saki, Ukraine)

Anticorresive conlings in the chemical industry. 1.1. Markov, E. A. Protosavliskala. Mont. i spets. rab. v strot. 25 no. 10:13-16 O 163.

Purification of waste water from ethylbenzene plants. D. H. IUrko, N. A Palahula, Khim, prom. (Ukr. 1 no. 3-18-19 JI-S 162.

CHEMICAL PLANTS.—DESIGN AND CONSTRUCTION (see also subdivision under Khibing Mountains; Kingisepp, Leningrad Province; Novgorod region; Omsk; Sterlitamak)

Advanced assemblers on the building sites of the chemical industry Mont, i spets, rab, v stroi, 25 no, 10; 1-3 O 163.

CHEMICAL PLANTS-DESIGN AND CONSTRUCTION (Continued)

- to move of the east only of the process finding of count-1 af 1 (111 -s 1 6) 1111) 2 1 10 10 4 0 163 "fait tagets reb v
- Here, $r=a_1a_1/a_2$ experiences of potential and commutative terms of the Lemma and the most of the commutation of the second second
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CHEMICAL PLANTS-ELECTRONIC EQUIPMENT Or most transment fifter with finite memory. L.N. Tapaton, Autoria to table and 11 158-160 (6)

CHEMICAL PLANTS—EQUIPMENT AND SUPPLIES In the set of set like of conveying belts. V. V. Rayov, 130 of the am., in . 40 57759 166

CHEMICAL PLANTS-HEATING AND VENTILATION Condition as a cris nome in the plastics. It. Opaley, No. 5 to Rev. 7 no. H 27-28 N 466,

CHEMICAL REACTION-CONDITIONS AND LAWS

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CHEMIC VL REACTION, HEAT OF

- Finishing a tormation of printe Pes, "1 P. Morozova, I A Stolyand a R. M. SSSR Neong mat 2 no II Corn-2011", "16
- i) .c , or incrimal propagation of chemical reaction from Bit Kian'in. Guilerzharo, Fiz gor i vzivi a no 3.

CHEMICAL REACTION, RATE OF

- Case of reduced liquid phase ovidation have under the effect of oxygen a cess | V. Maittsev, K. A Cher-vinskil Ziur fiz whim | 40 no 11;2868-2870 N *66
- Determination of the rate constant of decomposition of paraminar latinaria persultates in aqueous politiciae E. F. Rodo. Zfur fiz thim 40 no 11 000 s. 46
- Distribition of velocities in molecular Feam, G. F. Vorrein Vest Mosk on Ser 2 Khim 17 no 5 27-29 5-0 762
- Core of inhorogeneity of fluidized hed on the original rate of cital vite reactions. O M Toda's Dokt IN SSR 171 at 2410-413 1 bb history of interaction in the asystem K2O Na2O M2O3 SiO3 H2O, G L Perekhiest, L P Ni, V D Por marror. Titudy first met I obeg M Kazakh SSR 18 18 12 166. Pur Master 166
- Finals of interaction in the system NagO AlgOg SOQ: UgO L.P. Na G L. Poto-hrest V.D P. Johanna Frail, Instructionog, AN Kazarh SSR is 3-17 166
- With his of deriving equations of electrochemical kinetics. LI krishtatik Elektrochimika 2 no. 11 1351-1354
- I. lymerization in highly viscous media and threedin custonal followerstation Part 3: Mechanism of salf-acceleration in the initial and intermenate stages of jobymerization of polyacrylates G V Korolev, A. Berlie Vysokom coad 4 no. liti654-1653
- Process of internal reaction and the reactive-kinetic properties of carbon M.1 Rogallin Trudy IGI 18 54-63 *62
- Hallocraphic study of topschemical interaction between earl modulus and coal. I.G Petronoo. Trudy IGI 18 $13-20^{-4}62^{-}$
- Relation between potential shift of a catalyst and hydrogenation territon rate of sthylene derivatives A. M. Sakoll-kein, S. V. Rinhinin, V. V. Drud. Trudy Inst. khim nipa AN Kazakh SSR 14 210-214 186 Trudy Inst.

CHEMICAL REACTIONS

- Study of elementary chemical reactions by method of molecular beam. V. B. Leonas. Usp khrm. 35 no 12 2105-2128 D 186.
- lise of exchange decomposition reactions in melts to proise of exchange decomposition reactions in mean to produce single crystals of semiconductor compounds. N. P. Luzhnata. Rost keist. 6;220-225. '65.

CHEMICAL REACTORS

- De elopment of highly productive reactors for the most important chemical processes. E.IA. Barsukov. Khim, i tesh, topl i maset. 11 no 11 61 N '66
- Influence of the reactor walls on the oxidation of mathanol.
 M. P. IEvmencko and others Dop AN URSR no li 1477-

- Laboratory apparatus of continuous action for studying liquid phase reactions VA Preobrazionskii, A M Gildin in, M S Futman, Khim prom 42 no 12;915-518 11 166
- Modeling of the dynamics of their mal operating conditions of reactor for hydrochlorination or received in the production of anyl chloride V F Gormanho, V I Mironov Khim prom Urr no 6 46-48 NaD 166

CHEMICAL REDUCTION see Reduction, Chemical

CHEMICAL RESEARCH see subdivision under Ukraine

CHEMICAL TESTS AND REAGENTS

- Analytical potentialities of sulreylal-2-aminophenol, Report No. 2 Hydroly ability of satisfal-2-monophinol as a factor complicating the study of regent properties. It L'Immov V.S I Impeliev. Thur and Ihmo. 21 no.111390-1393 '66.
- Citizan features of analysis of high-purity reagents. A. K. Bapko and others. Zhur, anal, khim. 21, no. 10, 1253-1234, 166.
- Commercial test of a new reagent in the drilling of wells under complex conditions. A N Naumova, O, V Drobinds Neft 1 gaz prom no. 1 10-41 | 1 c-M1 | 163,

CHEMICAL WORKERS-DISEASES AND HYGIENE

Results of examination of the skin of workers in a com-bine for synthetic fatty acids and higher alliphatic alco-hola 'I D Bagnova Vest derm 1 sen 37 no 3-51-51 hola '63

CHEMICAL WORKERS-PENSIONS

Pensions on preferential terms for workers of chemical enterprises E Zailsev Sots obesp 41 no 12 18-53

CHEMICALS-TOXICOLOGY

- Disorders in the synthesis of biopuric acid in white rate during informations counced by the effect of chemical substances used in industry. P.G Garkayi and other a Toks nov prom khim veshch no. 8 5-11 166,
- Evaluation of the functional state of the kidneys in rats during intoxication with industrial substances N. I. Shumskaia, N. M. Karamana T. Fa, nov prom khim veshch no 8 14-27 '66

CHEMISTRY

(see also subdivision under Latvia)

- Progress of world chemistry. A. Marozov V mire waig 6 no 12-14-15 0 166
- CHEMISTRY-BIBLIOGRAPHY see Bibliography-Chemistry

CHEMISTRY—LABORATORY MANUALS

Levant, G. L., and G. A. Raitsyn. [Laboratory manual on general chemistry] Praktikum po obshchel khimit, Izd. 3., perer, i dop. Moskva, Vysshalu shkola, 1866, 204

CHEMISTRY-PERIODICALS

New chemical and biological journals. Vest, AN 559R 38 no 12:96 D '66

CHEMISTRY—STUDY AND TEACHING

- Let us improve the methods of teaching chemistry T (135kina Nar, ohr no 12 50-53 D 166
- Subject plan of chemistry lessons in the 0th grades T.V. Chermukhma Vech. sied ahkola 9 no.6:57-62 N-D 66.
- Subject plan of chemistry lessons in the 9th grades. Vech sred.shkola 9 no.6:62-68 H-D '66
- Subject plan of chemistry lessons in the 10th grades. Vech sted shkola 0 no 6:68-74 N-D 66.
- Subject plan of chemistry lessons in the 11th grade. Vech-ared shkola 9 no.6;74-79 N-D 166.

CHEMISTRY, ANALYTICAL

- Bahko, A.K., L.I. Dubavenko, and N.M. Lukovskaia.

 [Chemiluminescence analysis] Khemilluminesiseninyi analiz. Kiev, Tekhnika, 1956. 249 p.
- New regularities in lowest excited electron levels and electronic transitions in spectra of polynuclear aromatic hydrocarbons Liu Ch'un-wan, V. M Tateyskii, Vest, Mosk un Ser. 2; Khim. 17 no. 5-90-91 S-O 182,
- Selecting conditions for ion-exchange concentration and determination of microimpurities in the analysis of highpurity substances. N.G. Nikitina. N.K. Galkina. M. M. Semavin Zhur anal khim. 21 no.10 1165-1171 166.
- Study of the system uranium (IV) uranium (III), 1, P, Alimarin, E, R, Nikolaeva, V, M, Masalovich, Vest. Mosk, un Ser. 2; Khim 17 no 5 50-54 S-O '62,

CHEMISTRY, ANALYTICAL-CONGRESSES

- Moscow Seminar on Analytical Chemistry. Zhur. anal. khim 21 no. 10 1285 168
- Moscow Seminar on Analytical Chemistry. Zhur, anal khim 21 no. 12-1515 166.
- Second All-Union Conference on the Use of Organic Reagents in Analytical Chemistry Zhur, anal, khim. 21 no.11:1402-1404 198,

CHEMISTRY, ANALYTICAL-QUALITATIVE

CHEMBERTY, ANALYST ON THE CONTROL OF Izd 2 Pod red I, M. Korenmana, Cor'kH, 1963

[MICROLILM]

CHEMISTRY, ANALYTICAL-QUANTELATIVE

- Ouantitative determination of acrylonitrile by means of bexamethylenimine, A P Torontee and other i. Ve r Mosk, an Ser 2 (Khim - 17 no 5)83-81 S O 462
- Quantitative determination of nator phine by drochler (dr. et l. the determination of normorphine admixture of his is a Volkovn Apt delo 12 no 190-81 fa-1 '64
- Use of an agreemy solution of feeling brounds in quartit, tive analysis. S. N. Nazurliney. A. L. George into Jon. A. M. Martozaev. Apt. delo. 12 no. 1,4 1-15 [Jon 1 h.]
- 18c of freezing in graduate is not 1,12-15 [6:1] 1.4 18c of freezing in graduate is analysts. Report N. 1 Crystalline precipitates V. 1., Zolotacin, V. N. 1 and V. P. N. sterenko, Zhar, anal, klitto. 21 no. 114 (19) 1292-186.

CHEMISTRY, FORENSIC

- Decamethonium in regard to foremaic chemistry V.A. Kudimoya Apt. delo 12 no 1,53-60 Jul 1º 461
- CHEMETRY, INORGANIC-HANDHOOKS, MANUALS,
- [Chemist's landhook] Spravocinik khimika. 3 izd., perer i dop. Moskva, Khimia Vol.5. [Raw materful and products of the ladactry
 - of the grant material and products of the lide it; of horizonte substances, processor and apparatus, corrosion, galvanic lecturing, corrosion, galvanic lecturing, corrosion, galvanic lecturing, corrosion, galvanic lecturing, productive most accordance in the substance of current lecturing in the constance of current lecturing in the current lecture lecturing in the current lectur

CHEMISTRY, MEDICAL AND PHARMACLUTE'AL

- Accelerated determination of ammonta traces by extens of isother mal diffusion method 1, 12, 11c lim, I 1 Gridneva, 1', A, Rapava, Lab, delo no 1/20-3 467
- Correlation of physicachemical properties and phasma religion activity in antiffcine action S.P. Kozbernikov, N.V. Khromov-Borisov, III. S. Boroskin, Araby P.Stino 32-71-61, 195
- Improved method for oblaining overnus old. V Kh 1 q 1 Vop med khim 12 no 6:636-6.88 N D 466.
- Modified methodology for inother nort distillation of ammonia. R. B. Strelkov Lab deloc no 4:17-10 4.17

- CHEMISTRY, ORGANIC—SYNTHESIS
 Chemistry of \$\beta\$-brome-\$\beta\$ nine alkenea. Synthe \$\alpha\$ of salisationed alreadic nets, altrea velops opanes, patro albyde durans, and pyriolines, \$\cdots\$, \$\lambda\$ (Byde durans, and pyriolines, \$\cdots\$, \$\lambda\$ (Byde durans, and \$\cdots\$) in \$\alpha\$ 1123 -1125 \$\cdots\$ \$\alpha\$ \$\alpha\$.
- New process for the synthesis of organic compounts from can but mono odde and steam. Part 1: Systle do on an iron-cupper catalyst. I. J. Buglamov, N. V. Laviov, M. A. Kostomarova. Trudy [16] 16:78-919.
- New process for the synthesis of organic compounds to carbon monoxide and steam. Part 2: Synthesis of a alloyed from catalyst. I. P. Bogdanov, N. V. Lastos, G. V. Grebenshelikova, Trudy 164, 10, 94-100, 462
- Petersons, J. [Operator working in fine organic synthesis | Smalkas organizates interes against atstractives. Riga, Zvatgene, 1966. 360 p. [in Latvian]
 Resources of pentance for chemical processing. A. I. Rabking, V. I. Kustinin, Trudy [II] 10:701-701-765.
- Synthesis of B. (4-hydrovy-6-methylpyrimidyl-2)-alasina poptides. IU. P. Savachkin, L. A. Syntanya Vest. Meed un. Ser. 2: Khim. 17 no. 5 65-66 S-O '62.
- Synthesizing and studying certain regularities of the pro-tion of the formation of polyazines HI, V, Keenhik, T, A, P, onlik, B, E, Davydov Neftekhinotin 1 1025-077-682 S-O 163

CHEMISTRY, DHYSICAL AND THEORETICAL

- Fourth All-Union Conference on Physicschemical Assistic U. Allaberdyev, Dv. AN Turk SSR, Ser. Rev. Lebkhim, 1 geol. mark. no. 2:127 'fil
- Structure of aluminate crystals of landsanium subgroup of rare-earth elements. N.A. Toropov, N.V. Margoliu, III. P. Udalov. Kristallografika II. no. 8 837-841 N.D.

CHEMISTRY, TECHNICAL

- Chemistry in the five-year plan. L. A. Kostandov. Prom. Arm 9 40 to 5-8 466
- Choice of optimal conditions for industrial chemical
- Choice of optimial conditions for insustrial enemical technological processes. A. P. Zinovieva. Khim.i tukh, tupi.i masol il no.12:1-4 D 466.
 Conference on the problems of scientific and technological information. Z. I. Sukolova. Plant. massy no. 643-75 422
- 75 '62, Index of the chemicalization of the national economy. M. Slutakti. Vost, stat. no. 12 12-19 '66. Obtaining i-acotyl-1, 2, 3, 4-tetrahydroquinoline from technical raw material. D. F. Kasatkin and others Vest, Mosk. un. Ser. 2: Khim. 17 no 571-74 S-C '62 Pozin, M.E., ed. [Calculations in the technology of inorganic substances] Raschety po tekimologii neorganicleskikh veshchestv. [By] M.E. Pozin i dr. Meskva, Khimifa, 1666. 638 p.

CHEMOTHERAPY

Chemotherapy of Brown-P. area tumor by means of the perfusion method. V. S. Mostenko, V. M. Prvnick Voposk, 12 no 12 63-639 166
Iffectiveness of their acoplasty in association vitil antibac-

terfal prophiations in the treatment of caver nois forms to thereutosis of the lungs. A. D. Aurmanedov - Verb ned zhur. 10 no 2 39-43 I hal

Turtler study of chemother apout is action on Ascaria soundarvae during their originatory stage 5, A Rabino-vich Med paraz i paraz hol 32 no 2 132-159 Mr. vich \

Our experience in chemotherapy of pulmonary cancer A P Dotsenko - Klin onk - no 1 07 124 165

CHERDYN' DISTRICT-BIBLIOGRAPHY-RARE BOOKS Northern Ut al at chival expedition in 1959. V. V. Kuskov. Trudy ODRL 18:432-433 '62

CHERDYN' DESTRICT-MANUSCRIPTS

Rothern Ural at chit at expedition in 1956. V. V. Kuskov. Trudy ODRI 18 192-133 162

CHEREPOVETS (VOLOGDA PROVINCE)-DLAST FURNACES -- L'QUIPMENT AND SUPPLIES

Studying reduction processes in stacks of blast ou naces operating with mixed blowing L A Bially A P Kotor Stalf 26 no 12 1075-1081 D '65

CHEREPOVETS (VOLOGDA PROVINCE)-CITY PLANNING

The metallurgists! city: plan for the prospective develop-ment of Cherepovets B. I. Stetenskii, A. I. Tarantul, Stroitsikhit Len. 25 no. 0 is-21 S. 153

CHEREPOVETS (VOLOGDA PROVINCE)-HISTORY

Blank, A.S., and A.V. Kafanikov, Cherepovets.

Ld.2., pet er. 1 dop (Vologda) Sevet o-Zapadnoc knivhnoc izd-vo, 1966. 166 p

CHEREPOVETS (VOLOGDA PROVINCE)—ROLLING MILLS—DESIGN AND CONSTRUCTION

Assembling the elements of a cold rolling mill in the Cherepovels Metalburglest Prant. B. P. Schonin, V. M. Allianov, Mont I spets, rab v stroit 25 no 9:7-12

CHEREPOVETS (VOLOGDA PROVINCE)-STEEL INDUSTRY

Struggling for profitable production. G. Akinikhov. Part, shizni no. 1:72-74 Ja 167

CHEREVICHNIK, LEONID, 1937-

I could Cherevichnik's first book "Microphaniasy, V.Drobyshev. V mire knig 6 no. 11:31 N '66.

CHERKASOV, NIKOLAI KONSTANTINOVICH, 1903-

Three years with Molakovskill's characters. Nikolai Cher-Fasov, Teatr 2; no. 7:17-18 JI '63.

C HERKASSY PROVINCE-CONTAINERS

Container economy becomes profitable, 1 Vovk Sov. potteb, koop. 10 no. 12:11-16 D 166

CHERKASSY PROVINCE—VETERINARY MEDICINE

On anniversary watch. L. Z. Tsybenko, Veterinariia 43 no 11 1 N 166

Focialist obligation. Veterinarila 43 no. 11:5 N 166,

CHERNIAEV, IL'IA IL'ICH, 1803-1966 L. I. Chemiaev; obituary. Vest. AN SSSR 36 no. 12-91

Illia Illiah Cherniaev; obituary Zhur VKHO Il no 8:692-

CHERNIGOV-TEACHERS, TRAINING OF

A conference devoted to the 50th amiver sary of the Chernigov Pedagogical Institute. I.Z. Onyshchenko, I.J. Nedilia. Ukr. ist, zhur. 10 no. 11:160 N '66.

CHERNIGOV PROVINCE—HODGKIN'S DISEASE

bused on materials of Chernigov Province Oncological Dispensary. M. S. Karachunskii Kim onk no. 1/125-128 '65 Results of combined treatment of lymphogramilomatosis;

CHERNO GORY-PLANTAIN

Successful introduction of the plantain Plantage alpina L, into the diplac area of the Carpathians K.A.Malyaovs'-kyi, Ukr.hot.zhur. 20 no.189-92 183

CHERNOVISY PROVINCE see Bukovina

CHERNOZEM SOILS

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Methodology for determining exchangeable potassium in noncarbonaceous Chernozem solls I N. Zhukov, L. N. Mishchenko, L. F. Kuznetsova Khim v sell, khoz 4 no. 12:55-61 D 165.

CHERNYSREY, SERGEI EGOROVICH, 1881-1963

Sergel Egorovich Chernyshev; obituary. Arthit, SSSR no 663 '63.

CHERNYSHEVSKII, NIKOLAI GAVRILOVICH, 1828-1889

N. G. Chernyshevskii on the international relations of
the U.S.A. and the plans of each beiligerent party
during the Civil War, 1861-1862 1 1 Linguish hanko,
Uch zap, Mord gos un no 51 91-112 pt 1 (55

CHERNYYE ZEMLI-GROUND SQUIRRELS-EXTERMINA-

Some problems of susfix control with baits in the Charny-se Zemli I Z, Khirchenko and others Trudy (ros nuch assi protivochum inst 16 269-280 50

CHERRY

Chemical characteristics of the fruit of various some cherry species. S.I Ivchenko, V.P. Petrova Biul Glav bot. sada no. 63 94-95 '66

CHESS

Gorgiev, T.B., and V.F. Rudenko. [The besieging of the black king] Osada chernogo korolla. Dnepropetrovsk, Dnepropetrovskoe knizhnoe izd-vo, 1960. 131 p.

CHEST-SURGERY

Uglov, F.G., V. P. Puglecva, and A. M. IAkovicva. [Complications in initiation acre operations] Ostorhaculta pri vinuti igradinyih operatsilakh. [Leningrad] Meditaina, 1966. 442 p.
(DNLM)

CHEUV, ALEKSEI VASIL'EVICH

Contemporary of the Revolution, V E Chernobitects, Sudo-triounte \$6 no 11 67-69 366

CHICKEN CHOLERA-PREVENTIVE INOCULATION

Effect of feed tollamycin and strain 2377 on the immunity in the case of Newcastle disease and past unrilo 45 of thickens P N Koturanov, Veterinaria B no. 12-18-20 D 466

CHICKEN POX

Laboratory diagnosis of chicken poy - F B Gut vich Trudy Mosk nauch -feel inst virus prep no 3 51-61 '65

CHICKEN POX-MICROBIOLOGY

Study of interferon activity in chick filmoblasts-chicken por virus system at an ions intervals of its action IU V Chernetsov Vop. virus II no 5 525-532 S-O loc.

CHILD STUDY

Acceleration and some problems of childhood and adolescence. Huns forms, Sov pedag. 10 no 6 133-155. Je. 166.

The art of understanding, I. Kichina, Semila i shi ola 21 no. 11:15-16 N 166,

Boys! danies. R Granina. Nar obr no 12 17-60 D 156.

The collective and personality. V Malinin. Sov. pedag. 30 no. 12 146-119 D 168

ow no.12 140-110 D '68

Formation of \$1 ill white solving specific practical and educational problems, 1. V. Bertsfat, Vop. (151 hot.) 12 no. 0.111-162 N-D '66.

Game and its role in the psychic development of the child. L. S. Vygotskii, Vop. psikhol. 12 no. 0.62-76 N-D '66.

l juvenile – A. Zakharova, M. Botsmanova – Semila i ahkola 21 no. 12 14-15 – D. 166

Novosibirskii pedagogicheskii institut. [Problems of psychology] Voprosy psikhologii. [Omsk] Zapadno-Sibitskoe knizhnoe izd-vo. 1965. 119 p.

Perception of the depicted posture of a moving man by a child, E. Sh. Reshko, Vop.psikhol, 12 no. 6-153-163 N-D '66.

Principles and income of studying the intellectural development of younger schoolchildren. A A Lindim-blata Sov pedag. 30 no 8 93-102 Je 166

Problems of sensory development, E Starinina. Doshk yosp 39 no. 12:46-49 D 366

ome typologically specified characteristics of the individual style of lexining activity in upper classings. A.K. Baimetov. Vop. psikhol. 12 no. 6:129-140 N-D

CHILDREN see subdivision under Yugoslavia

CHILDREN—ANECDOTES AND SAYINGS

Observations, notes, and remarks, L. Piskunova and others, Dosh vosp. 39 no.12 52-53 D '68

CHILDREN-CARE AND HYGIENE

Ambros, Marija. [Education of children through the eyes of a doctor] Lastekasvatusest arsti pilguga. 2. parandatud ja talendatud trukk. Tallinn, Valgus, 1966. 217 p. [In Estonian] 217 p. [In Ea (DNLM)

CHILDREN-DISEASES

(see also subdivision under Smolensk)

Clinical aspects of rheumatic fever in children of pre-school age. A, R, Abdullaev Azerb med zhar 40 no 9:30-43 S '63.

Content of nucleic acids in the blood of children with blood diseases M. G Gradova, N. I. Shokina Vest AMN SSSR 17 no 10,52-59 '62

Data on the state of the heart in children horn of women with heart defects IS IS publickate and others. Southed 29 no 12 7-11 D v 6

bifluenza and influenzalite virus discuses in children v D Soboleva viest ANN SSSR 17 no 10:76-88 %2

Role of modified reactivity in the pathogenesis of collagen diseases in children IU 1' Dombro skara Viel AJN 5°4R 17 no 10 26-32 ¹62

Role of the reactivity of the deganism in the development and characteristics of the course of through into itea-tions in children R. A. Koliuzhnata - Vest AMN SSSR tions in clubben R 17 no 10,39-67 62

Spreading of respiratory viruses among children in 1948-1956 V.V Ritava, V.M Zhdanav F I Schastnyi 511 un - H no 5 531-558 5-0 766

CHILDREN-EXHIBITIONS

Children show their drawings to adults. B O $^{\circ}$ Nat. obt $^{\circ}$ no 12 77 D $^{\circ}$ 66

CHILDREN-LANGUAGE

Adoshko, V.I. Development of speech in children from 3-5 years, formation of scatences in children's speech Rawitle rechi detei at trokh do plati let, oformirovanii predlozhenii v rechi detei Moskva, Prosveshchenie, 1966.

CHILDREN-LAW

Controversial problems of Hability for injuries to the industry health. I Maidank, Sats valor no 11: 19-16 N 166

Position of the legal representatives of accused or injured minots in judicial procedure. S. Grochest no 11:67 N '66.

CHILDREN-MANAGEMENT

Answering our readers' questions Doshk, vosp. 39 no 12 30-31 D '66,

Children and works a review of letters discussing the article "Love or necessity?" Seminal shiple 21 no. N. 12-13 N. 105

Consultation center of "Semilica shkola" Semilia I shkola 21 no 12 16 D 166

Consultation center of the "Semila i shkola." Semila i shkola 21 no.11:22-23 N '66,

Do not make light of children's egotsm V. Korokva, Semia i shi ola 21 no 124-9 D 166.

From conviction to action B. I ikhachev. Semila i shikola 21 no. 11-20-28 N '66

From the simple to the complicated one, A. Pegosov Sots obesp 11 no 12 31-41 D 166
Haif an bour in the morning. M. Panich. Sem'ia i shkola 21 no, 11:9-11 N 106.

Letters on various subjects. N. Leptikina, G.Grebevait, M. Miruk. Semita i shkola 21 no 11:40 N 466. My son grows. F Podgornam Semila i shkola 21 no 12 16 D 188

TScutsiper, M.B. [You may not be a poet...] Poctom mozhesh ne byt... Moskva, Znanle, 1968, 79 p. (Narodavi universitet Pedagoglehoskii fakul'tet, no.ll)

We out selves are at fault R. Emkel'shtem Doshk vosp. 39 pn.12 16-19 D '66

You don't know how to do it." M Goncharova. Doshk. vosp. 39 no le 51 D '66

CHILDREN-MEDICAL EXAMINATIONS

Outbreak of scute intestinal disease caused by Escherichia cell of the Old serviyee 17. N. Kultkova, 1 I Vaisman, M. I. Kavalerchik Zhur mikrobick, opia kimmun 31 na.6:69-73 Je 162.

CHILDREN—NUTRITION

Fish in the children's diet V Vodrashka. Doshk, vosp. 39 no. 12-57-61 D *66.

Kiselova, V.B. (Cookery for children; book for mothers on food preparation for children] Detskata kukhnia; kniga dila materei o pi igotovlenii pishchi detiam Ed.5., dop. Moskva, Meditsina, 1986. 174 p. (Nauchno-populiarnala meditsinskafa literatura)

CHILDREN-RESEARCH

Comparison of the conditions of system for mation in various functional states of the nervous activity in the Child M. M. Kol'tsova. Zhur vys.netv.detat 13 no 4:626-620, 11-4-633.

630 J1-Ag 63
Conditions necessary for system formation in various functional states of norvous activity in the child E. N. Degtiar¹. Zhur vys nerv.detat 13 no.4:6.1-637 J1-Λg 163.

CHILDREN—SURGERY

For the children, L. Voskobeinikova Sois, obesp 41
no 12 10-42 D '06

Ukrainekaia nauchno-prakticheskaia konferentsila khirurgov detakogo vozrasia, 2d. [Surgoly, traumatology and orthopedics in childhood, transactions] Khirurgita, travmatologila i ortopedija detskogo vozrasta, trudy.

Kiev, Zdorov'ia, 1966, 272 p.

(DNLM)

CHILDREN-WRITING

Role of drawing in the kindergarten in the preparation of the child's hand for writing. T. S. Komarova. Vop. psikhel. 12 no. 6:161-171 N-D '66.

CHILDREN'S CLUBS

The "Young criticaturists" club HU Malinin Yar obring 12 69-70 D 166

CHILDREN'S LIBRARIES see Libraries, Children's

CHILDREN'S LITERATURE-HISTORY AND CRITICISM

You grow up too sorn IU Spasshala, V mile knig o no 11-26-37 %, but

CHILDREN'S PLAYS

Gozenpud, A.N. [The Central Children's Theater, 1936-1951, Author's abstract of a dissertation for the degree of Candidate of the History of Arts] TScatral'nyi detskin teatr (1936-1961 gg.). Avtoreferat disscriatsii na soiskante uchenot stepent handidata iskusstvovedentia Moskva, 1965 17 p.

[MICROFILM]

Shapiro, Z.S. [Discussions of a producer; school amateur theatricals] Besedy rezhisaera, shiolinyi samodelatelinyi teatr Moskva, Prosveshenne, 1966

CHILDREN'S QUESTIONS AND ANSWERS

has vering the questions of the young ones N Vikandrov dush, asp 29 no 12 68-09 D 166

CHILDREN'S SONGS

Songs for children Dochk tosp 39 no.12 116-118 D

CHILDREN'S STORIES

A liger with a "golden heart "Czeslav Janczarski, Doshk vosp 30 no 12 106-107 D 166 Who is called "Sharik" Mari Tartakovskii Doshk vosp 39 no 12 102-105 D 166

Architecture of ship smolestacks V, S Bit ink Sudostroenie 28 no 12 8-11 D '62

Assembling 60 meter-high pipes of large heat-resistant blocks A.P Denisenko Mont i spets rab.v strot 20 np.12 13-14 D '66

Problem of lengthening life of reinforced concrete smove-stacks B D Trinker Prom stroi 44 no il 37-39 '66

Using heat-resistant perlite-concrete in the construction of a smorestack M. F. Surharev, I. L. Maizell. Mont. i spets. rab v stroi 25 no. 9 24-26 5 163

CHINA-GEOGRAPHY-BIBLIOGRAPHY

Literature on the geography and cartography of the Chinese People's Republic E A Krylova Mat Old mat geog i Fart Geog ob-va SSSR no 2 105-106 162

CHINA-LAND TENURE

Svistunova, N. P. [Agrarian policy of the Ming govern-ment in the second half of the 14th century] Agrarnala politika Minskogo pravitel'stva vo vtoroi polovine XIV v. Moskva, Nauka, 1966. 166 p.

CHINA-MAN, PREHISTORIC

Paleoanthropology develops more rapidly in China, impressions of a participant in a conference dedicated to the 30th anniversary of the discovery of the first Smanthropus skull Per Wen-chung Vop, antr no 4

CHINA-POLITICS AND GOVERNMENT

The 'Hung Wei pin" and who is in command. L Sergeev Agutator 34 no 24:51-53 D '66

What is the meaning of the "new positions" in China. I. Sergeev. Agitator 34 no.1:47-49 Ja '87.

The world press on China. Nov. viem. 25 no. 8,3-4

CHINA-SOCIAL CONDITIONS

Glorious anniversary V. Mikheev Agitator no 18 16-

CHITA-RADIO ANNOUNCING

The word of an announcer. IU. Bakhaev. Sov. radio i tel. 8 no. 3:37-38 '59.

CHITA PROVINCE-CORN (MAIZE)

We shall always try to improve the achieved results. A. Lisichnikov. Mol komm. no 11 14-16 N '61.

CHITA PROVINCE—PIONEERS (COMMUNIST YOUTH) Example of the schools of Shilka District. S. Rodovskii Voen -ist złan 8 no i2 103-105 D '66

CHKALOV PROVINCE see Orenburg Province

CHLORAL

Anionic copolymerization of phenyl isocyanate with chloral IU. P. Getmanchuk, IU. L. Spirlo, R. I. Driagileva Doki AN SSSR 171 no. 5 1105-1108 D '66 Shifts in macrostructure of blood proteins following functional changes in central nervous system induced by chloral hydrate. A F Makarchenko and others Dorl AN SSSR 171 no 2 498-500 N 186

Formation of chlorates in electrochemical process of preparation. Part 1 V. A. Shitapnikov, T. S. Filippov. Elektrokhimita 2 no. 11;1273-1281 N '66.

CHLORIDES

shoop from spectra and stability of complexes for med in the interaction of throphene analogs of chalcone with it on chloride and antimony pentachloride V, M Tolma-chov. O F Bob'on ov. V F Lattinhan Dop AN URISR no 11:1454 - 1457 '66

Photochemical reaction in the system FcCl₂ - HgCl₂ A A Nosonovich, I, I Dilung, B 14 Dain. Uki khim zhir 32 no 12 1280-1284 ¹68

Synthesis of N. Nadimethyl-substituted amides by the interaction or acyl chlorides with directlyltor mainide AF Kullbora, EN Zilberman, FA Lkstrin Zhur VKHO II no 6 704-705 '66

CHLORIDES-PHYSIOLOGICAL EFFECT

Effect of reciprocal changes in the concentration of potass - sium and chior ide ions on the magnitude or resting potentials in isolated skeletal muscle fibers of the frog Lian Zy-trum (Liang Fz'u-t'un), G. A. Kin ella. Biorizika 6 no 5 597-605 '63.

CHLORINATION

Chlorination of tratalum-mobium concentrates under laboratory conditions. V. M. Kostrikin. Min. syr'e no. 13,57-62. 466.

Role of solid carbon in process of chlorination of oxides. L. V. Zverev, Z. S. Barsukova. Min syr ie no 13:42 -36 466

Solid phase chlorination of polymopylene by romaing radiation R. V. Dahagatapanian and others. Vysokom-soed 8 no 10:1715-1753 O 166

CHLORINE

Study of the process of the oxidation of the lodine ion by chlorine and hypochlorite in salt solutions G. R. Zalkind, S. I. IAvorskii – Izv. AN Turk SSR, Ser. 117, -tekh , khim i geol nauk no. 5 40-15 162

CHLORINE ORGANIC COMPOUNDS see Organochlorine compounds

CHLORITES

(see also subdivision under Azov Sea region; Tarkhankut Peninsula)

Effect of epidote and chlorite schists as fertilizers on farm crops, O.A Kominat Pochv.ust.i effek udob. no 1,445-155 463,

Chloroform—Physiological effect

Resistance of white mice to inhalation narcotics in dif-ferent periods of postnatal development - V-M Rozhkov Trudy LPMI - no 3° 136-138 - 65

CHLOROGENIC ACID

Ratio between contents of caffeic and chlorogenic acids as an index of potato tuber resistance to Phytophthora infestans V E.Sokolova, Priki blokhim i mikrobiol 2 no 6 675-681 N-D 465

CHLOROPHOS

Kinetics of chiorophoa decomposition in neutral and alkaline aqueous solutions. B.N Ryhakov, V.P. Ermishkin, Zhur fiz, khim, 40 no. 11 2753-2756 N 166.

Unforced feeding of weak solutions of chlorophos in con-tiolling the warble fly infestation of cattle Report No. 2 G.I. Getta Shoi mauch, rab. SibNIVI no Il 189-190 182

Use of chlorophos in fly control, D. E. Genis. Med, paraz, i paraz, bol 31 no 5.620-622 S-O '62

CHLOROPHYLL

Characteristics of chlorophyll biosynthesis in certain plants, O ff, Sudlina, K.P Dovbysh, Uki, bot zhu: 20 no 137-45 163.

Correlation between the intensity of light and the value of the ratio of chlorophyll a b in woody plants. V S Vakula. Dokt. AN BSSR 6 no. 9 589-591 S '62

vahua. Dort, AN 1955h o 100, v 300-001 5 02
Formation of chlorophyll by purple and green beneteria
during their photoautoti ophic and photoheterotrophic
development. L. V Moshentseva, E. N. Kondi at 'eva.
Mikrobiologiia 31 no 2:199-202 Mr-Ap '62

Observations on content of chlorophyll (a) in seston of surface layer of seawaters R. Z. Kovalevskaia, A. P. Ostapenia Oceanologiia 6 no 5-849-852 '66.

Participation of vitamus By m cholorophyll biosynthesis T.N. Godney, E. F. Shahel'skala, Dokl. AN SSSR 171 no. 5: 1227-1229 D '66.
Photoevidation of chicrophyll a with for mation of clock ode-active oxidized pigment form V. B. Evstigneev, V. A. Gavrilova, N. A. Sadoviniova Biokhimita 31 no 6: 1228-1238 National State of State 1229 -1236 N-D '66

Study of triazine derivatives as plant growth regulators, Report No. 2 Effect of simuzine and atrazine on the chlorophyll content in the leaves of field crops. S. M. Mashtakov, R. A. Prokhorchik. Dokl. AN BSSR 8 no 9:517-520 Ag '62

CHLOROPHYLL—SPECTRA

Spectral and photochemical characteristics of protocillo-rophyll pigments in model systems. A.A. Krasnovskii, M. I. Bystrova. Blokhimlia 27 no. 5.958-966 S-O 182,

Study of photosynthetic pigment systems by emission and excitation spectra of chemiluminescence of chiorophyll in higher plants F F, Litvin, V, A, Shavenlov Biokhimits 31 no 6:1264-1275 N-D 66

CHLOROPRENE

Effect of nature of solvent on intrinsic viscosity and size of polychloropi ene mariomode ules, A.V. Green-kian, R.V. Bigdasso ma, L.G. Melkonian, Lz., AN Arm. SSR Pres. 1 no 2,77-40 566.

CHLOROPHENE, EFFECT OF TEMPERATURE ON

Temperature dependence of intrinsic viscosity of polychloroprene in poor and good notvent. A.V Gevorkim Izv AN Arm SSR Plz. 1 no 3 195-199 %6.

Temperature dependence of size of polychlologicne molecules in solution. A.V. Gevonkin, R.V. Bigdininan, I.G. Milkonkin, Izv AN Ann. SSR, Flz. 1 no, 2 01-84 '66,

CHLORPROMAZINE

Analysis of repeated admissions of patients with schi, ophicula following aminatina treatment. (I.V. Mananas, IU.P.Popov. Zhar, nevi i psikh. 63 no.1;116-123 '64

Changes in the storestype of respiratory conditioned to spouse and respiratory reactions to the action of COstollowing the administration of aminazine IU, N I, voc. B, I, Semenko Zhar vys nerv defat. 13 no 4 550-565 Jl-Ag '63

Comparative effectiveness of the treatment of achizophic nia with aminarine and its combination with insolin. N V.Vinogradov, N.K.Tkachenok. Zhur nevi i paikh 63 no 1:112-113 '63.

Possibility of the combined use of Insulin and amin where for the treatment of schizophrents patients. Report No 1 V.P.Kutin Zhar, sevi i psikh, 63 no 1411-118 '51,

Preventive action of antinazine and diprasine in experimental neur ogenk shock. L.V.Krushinskil, f. P. Dobrokhotova Pat. fiziol i eksp. derap. no. 3:01-82 61.

Some combined method) for treating schizophrenica resistant to aminazine. V. F. Baranov, R. D. Evog et, P. A. Kin ekov, Zhur, nevr. i pulkh 57 no. 12 45-110 467.

Sympathetic nature of "apontanagan" Impulser recorded in the common nerve trunk of the trog M.V. Kirzon F.V. Kopytova. Bill clup biol. i med. 55 no 5 5-8 My '63

CHLORPROMAZINE—PHYSIOLOGICAL EFFECT

Effect of the cerebral cortex on the rostral segment of the reticular formation of the brain stom. A.M. Men its Fixed zhar. 48 no. 10-1116-1193 O 162

Possible point of application of the inhibitory effect of aminazine on chromopo deines G. I. Morroy. Vop. med khiro. 12 no. 6.611-613 N-D 106.

Selective ascending activation of the anterior argments of the corebral cortex as a functional basis of dimentary reflexes K. V. Sudukov, III V. Hryvaev, Pizfol zbar, 18 no. 10-1170-1177 O '62.

CHLORPROMAZINE—THERAPEUTIC USE

Effect of single therapentic dones of aminazine or cere-bilities of single therapentic dones of aminazine or cere-tical blood disculation in schizophrenia necoroling to tehenencephalographic data. T. A. Nevzorova, IU. N. Fedorovskii Zhur, nevr. i pelkh. 67 no. 1123-125 167.

CHLORPHOMAZINE—TOXICOLOGY

Dependence of the reaction of the developing or gamban to aminozine on advenue of itself hormouses. L.V. Mariscoza Problemdok i gorno 9 no 14-7 Jack 163

CHLORTETRACYC LINE

Effect of amino acids on the biosynthesis of chlortetracycline, I.A. Zellinka, I., Kovachichova, M. Guelts, Mikrobiologia 31 no. 5 616-616 S-O 162

Effect of ethylenimine, ultraviolet rays, and of the combined effect of these factors on the variability of Actionayces an endactors. Determination based on the synthesis of thio tetracycline and vitamin 112, 804-887 N 466.

For a more efficient utilization of liquid blomyoin in the fattening of hoge with stillage. M. F. Gebrotdhov. Spirt, prom. 20 no. 5;25-26 (62.

Racking fermentation in the production of biomycln.
M. M. Tokmakova. Spirt, prom. 28 no. 5:34 '92.
Study of biosynthesia products from a mutant of
Actinomyces aurocatelan 1815. V. G. Makar evictional
others. Antibiotiki 11 no. 11:080-084 N '66.

CHOLERA, ASIATIC

Zhukov-Verezbnikov, N. N., I. K. Musabaev, and N. K. Zal'ialova. [Clinical aspects, treatment and prevention of cholora] Klinika, lechente i profilaktika kholory. Tashkent, Meditsina, 1966. 435 p. (DNLM)

CHOLESTEROL

Content of choloster of and leefthin in the blood in disbries mellitus. N.B.Gumbatov. Azerb.mod.zhur. 40 no.t: 59-64 Ap '63.

Content of cholesterol and lectihin in the blood in thyrotoxic goiter. IU. M. Mikhatlov. Probl. and ok. i germ. 0 no.1:62-66 Ja-F '63.

Effect of brief and prolonged hypothelamic etimulation on free and bound blood cholesterol H. N. Bordhusikov. L. Kh Garkavi Bhil eksp blol i med 55 no 0:31-53

CHOIFSTEROL METABOLISM

- Brosynthesis of choic-terol and fatty acids from 2-Cl4-acetate in warlous organs and tissues in rats. V. F. Markelova, V. A. Tatsievskii Vop med khim. 12 10 5-045-047 N-D '06
- Impostance of the hypophysis in the reaction of the acceleration of choic sterol synthesis in response to tradiction KA Tretlakova Biothimita 27 no. 5 801-801 S-O 762.

CHOLINE

- Changes in vital staining of sartorius in frog as affected by acctylcholling F.A Shapito TSitologia 8 by acetylcholine Γ.A.S no 5-669-672 S-O '66
- Effect of mediators on functional and morphological properties of the naive trunk R S Oriov, V N. Shvalev 12v AN SSSR, Ser biol. no. 3/130-410 My-Je 163.

CHOLINESTERASES

- Antagonism in the effect of different concentrations of anticholmenterase · P.F. Diablova Frudy LPM1 no 32 34 38 465
- Effect of mercaptophos on conditioned reflexes and on the cholinesterase activity in cats IU S Kagan, Zmir. vys. nerv deist 12 no 3 530-539 My-Je 162,
- Fifeet of preservation on the pseudocholinesterage activity apposed N. V. Pinkhov. A. G. Sukhova. Dksper khit i anest. 8 no 6 68-69 N-D '63
- Flocts ometric determination of cholinesterase activity with automatic registration V I Rozengart, V G, Shraeleva, I G Shcherbak Biokhimia 31 no 6;llll-llls N-D '66

CHOLINESTERASES—CLASSIFICATION

- Attempt to differ entrate the so-entled anticholinesternse substances into subgroups V B Prozorovskii Trudy LPMI no 32 126-131 '65
- Biochemical aspects in classification of anticholinesterase outstances V I. Rozengart Trudy LPMI no 32 140-151 '65

CHOL'TOBE (KAZAKHSTAN)—ANTIQUITIES

- The Chol tabe settlement in the northern foothills of the Kinghiz Alatau - M.S. Mershchiev - Vest, AN Kazakh SSR - 22 no. 12:68-73 | D. 166.
- CHOPIN, FRYDERYK FRANCISZEK, 1810-1849
- Sinlaver, L.S. (Life of Chopin) Zhizn' Shopena, Mo-skva, Muzyka, 1966, 146 p. (Shkol'naia biblioteka)

CHOREA

- Clinical aspects of theumatic fever in children of pre-achool age A. R. Abdullaev Azerb med. zhui 10 no 9:36-43 5 '63
- Experience in the use of neuroleptic substances in chronic progressive choice ([funtington's choice) Zhui novi i psikh 63 no 1.96-102 '63

CHRISTIAN LIFE-ORTHODOX EASTERN AUTHORS

ll'in, l. A. [The way of spiritual renewal] Put' dukhovnogo obnovientia. [2. izd] Munich, 1962, 268 p. (CU)

CHHISTIAN SCIENCE

- EMMINITAN SCIENCE
 Eddy, Mary (Baker), [Science and health with a key to the
 Holy Seriptures] Nauka i zdorov'e s kituchem k Sviashchennomu Pisanllu, Boston, Dushepi ikazchiki Meri
 Bek, F. Eddy [1981] 697 p. [In English and Russian]
- CHRISTIAN SOCIOLOGY see Sociology, Christian

CHROMAFFIN SYSTEM

- Classification of the clinical forms of chromaffiomas V. V. Men'shikov Trudy 1-go MMI 43 113-118 165,
- CHROMAFFIN SYSTEM—TUMORS
- Significance of the determination of catecholamines in the unitne for the diagnosis of pheochi omocytoma V.V. Men'shikov Problemdok i gorm 9 no 1:90-95 Ja-

CHROMATIN

Sex chi omatin in benign and malignant tumors of the breast and testicle, V. I. Lobodi, K. P. Ganina Klin, onk. no. 1 168-115 165.

CHROMATOGRAPHIC ANALYSIS

- Chromatographic analysis of the industrial samples of domestic turpentine L.I. Bardyshev, V. I. Kulikov, A. L. Pertsovskii Gidroltz, i tesokhim prom. 19 no 8:16-17 166
- Chrematographic methods for separation of zirconium and beryllium, T.A Beliavskala, I.P. Alimarin, Mu Ping-wan, Vest, Mosk un, Ser, 2 Khim 17 no, 5 41-44 S-O 162,
- Chromatography of 3-ketosteroids in thin layer of sorbent, Report No. 2: Use of acid aluminum oxide, B. Kh. Nguen, A. A. Chemerisskala Zhur, anal, khim, 21 no. 11:1375-1379 466.
- Mentification of odorous substances, Report No.1, S.A. Kore and others, Trudy VNISNDV no 7 141-145 485.
- Identification of odorous substances Report No. 2. S. A. Kore, R. P. Ivanova Trudy VNIISNDV no. 7:116-148 '65

- Identification of educious substances, Report No. 3 S.A. Kore F I Shepetintova F.M Chernova Trudy VMISMDV no. 7 149-151 465
- Purification of gonadotropic hormone preparation by fon-exchange chromatography on diethylamicocthyl cellulogo and zonal electrophoresis on starch. A L. Minking Biokhimila 27 no. 5:805-813 5-O 162.
- Separation of alkali metals on ion exchangers with close-packed structure V 5 Soldatov. A I Pokrovskara, R V Martsinkevich Dokl AN BSSR 10 no 0,665-667 S 166
- Structural analysis of lecithin by thin-layer chromatography method ITV Distlovitskala VIIVolkowa, L.D., Bergel'son Bio'skindia 31 no 6,189-1196 N-D '66
- Studying the chemical composition of pyrolyzate phenols III K. Shaposhnikov, I. V. Kosinkova Gidroli i lesokhim prom. 19 no 8,19-21 166
- Thin-layer chromatographic analysis of steroids on microplates couted with silica gel 1 1 Zarct kan and others. Khim, prirod, sord no 5 321-325 66
- and others. Smill, pittod. Soit in 5 121-325 to Thin-layer chromatography in inorganic analysis, Re-port No 1 Possibilities of morganic thin-layer chro-matography, survey D. I. Rlabchikov, M. P. Volyncis, Zhur snal, khim. 21 no 11 1348-1373 186.
- Thin layer chromatography of organic peroxides. M M Buzlanova, V F Stepanovskaia, V L. Antonovskii Zhui anal khim 21 no 12 1401-1401 166
- This layer chromatography of phenols. Report No. 1 Sensitive method for developing thromatograms N.F. Egorova, A.IU. Koltunovskara Zhur anal Vhim 21 no. 12 1964-1508 466

CHROMATOPHORES

- Changes in polyphenoloxidase, per ovidase and Hill reaction activity of loaf chloroplasts following gamma irradiation A M Kuzin, N. P. Korolev. Radiobiologiia 6 no 6 898-901 '66
- Diffect of the Bottytis cinera infection on some cintacteristics of cabbage protoplast cells and its structural components, V. A. Aksinova, R. V. Savehenko, Sel'khoz biol. 1 no. 6:868-875 '66.
- Formation of plastid apparatus in ontogony of sugar beet leaves under natural conditions. T. N. Godney, C. F. Shabel'skain Dokl AN BSSR 10 no 12;987-990 D bb
- Photosynthesis and Hill traction changes in various coin forms as affected by 2, 4-D and 2M-4X S M Maphin-kov. I I Paromchib Dokl. AN BSR 10 no 9:501-691 S '66

CHROMIC ACID

Machanism of incomplete reduction of chromic acid. Z. A. Solovieva, Elektrokhimila 2 no, 11 1301-1306 N 186.

Centain characteristics of the morphology of one bodies and one textures of the Khabarnyy (in omitte deposit G C Kravchenko, Geol rud mestoroch 8 no 6 53-65 N-D 66

sewage. P.I. Aviutskii, G. M. Burchenko, Vod., kan., gidr, son. no. 1.70-77 '56,

CHROMIUM-ANALYSIS

- Chemical-spectral method of determining metal impuri-ties in pure chromitum. P. V. Marchenko, T. N. Lugina Ukrakhim, zhur. 32 no 12,1313-1345 (66.
- CHROMIUM BORIDES—ELECTRIC PROPERTIES
- Physical properties of chromium boride phases, T.I. Serebriakova, B.A. Kovenskaia Izv AN SSSR, Neolg. mat. 2 no 12:2134-2138 D '66

CHROMIUM BROMIDES

Crystallization of the omium tribromide V. A. Liakhovitskaia, V. D. Spitsyna. Lv AN SSSR Neorg. mat 2 no 11:2074-2075 N '66.

CHROMIUM CHLORIDES

Kinetics of aquation of some chromium chief lde hydrates. N.F. Nechaeva, N.F. Zorich, D.P. Zosimovich. Ukr khim, zhur. 32 no. 12 1273-1279 156.

CHROMIUM COMPOUNDS

- Interaction of tanning polynuclear complexes of chromium (III) with the powder of polyamide AK 50/50 N.S. III1 - kina, N.N. Pavlov. Izv vys ucheb z w ,tekh, leg. prom no. 5 37-40 166
- New technology for the production of trivalent chromium compounds. A. B. Fasman, V. D. Markov, D. V. Sokol-skii, Vest, AN Kazakh, SSR 22 no. 12 39-41 D 166.

CHROMIUM ISOTOPES

Use of radioactive chromium in the study of the adaptation of crythrocytes in transfused blood. G A Guseinov and others. Azerb med.zhur 40 no.9,21-25 S 433.

CHROMIUM-NICKE L STEEL-METALLURGY

- Effect of rare-earth elements on structure and properties of Khi6N25M2B5 steel, D. IA. Vishniakov, N. A. Bystrova. Trudy MATI no. 66:33-38 '66.
- CHROMIUM-TITANIUM ALLOYS see Titaniumchromium alloys

CHROMOPROTEINS

Possible point of application of the inhibitory effect of amina ine on the omoproteins. G. I. Meer ov. Vop med-klifm. 12 no 6,611-613 N-D '66.

CHROMOSOME NUMBERS

Chromosome number variation in progent of 70-chromosome amphidiphoids M. P. Tsarenin, 10, K. Nikol'skii Doki AN BSSR 40 no 10,809-802 O 266

CHROMOSOMES

- Change in the thormostability and frequency of the omosone aberrations in yeasts as a result of the adaptation to high and low temperatures. I. A. Zakharov. Mikrobiologua. 31 no. 5-863-836. 5-0. [62]
- Mechanism of the origin of spontaneous and radiation-induced the omosome breakage in mammalian marrow cells. IU, M. Rukavishnikov. Radiobiologija 6. no 6. 869-874 '66,
- Study of the harvotype of a monolayer culture of a human stomach cancer E. P. Ugrimmov, M. T. Tsoneva-Maneva Biul.eksp biol r med 55 no 5*93-96 My

CHRONAXIA

- Change in motor chronaxia and the functional state of the cardiovascular system in students during the examina-tion period. Report No. 2.—M. M. Ffendirade, R. A. Bagdasaroya.—Azerb med zhar no 7-19-55. Ji. '62
- Electrodiagnosis of teffer contraciutes. I. f. Tiutiumis. Travmatologija no i 158-172 165

CHRONOLOGY, HISTORICAL

Soviet historical studies devoted to Russian chronicles V I Buganov Vop 1st 41 no 12 113-155 D 166

CHRONOLOGY, HISTORICAL—BIBLIOGRAPHY bee Bibliography—Chronology, Historical

CHU VALLEY-BUCKWHEAT

Buckwheat grown na a stubble crop in the Chu Valley, K 1 IA: oshenko Shor trud, asp, i mol nauch sotr VIR no 2 ll7-124 [6]

CHUVALLEY-MILLEY

Characteristics of the growth and development of millet as a stubble crop in the Cha Valley, K. I. IAroshenko Shor, trud asp. I mol, nauch sotr. VIR. no. 2,124-133

CHU VALLEY—SIEROZEM

Effect of coin growing on feithity of noithern common alcrovems in Chu Valley O. A. Prieva Izv Kir fil Vaes ob-va pochv no 2,83-88 '63

CHU-ILI MOUNTAINS-VANADIUM

Vanadium-bearing sediments in the Chu-lii Mountains. A, A, Nedovizin Lev AN Kazakh 55R Ser geol nauk no 6,88-92 '63

CHUQUEV DISTRICT—BRUCELLOSIS IN CATTLE

Ridding cattle hards of brucellosis. I S. Koshevatskii, N.M Musolov Veterinatila 13 no.113-16 Ja 167.

CHUKCHI NATIONAL AREA-ROCKS, IGNEOUS

Middle Palcozole magmatic cycle of the Omolon Massif and the western part of the Chukchi folded system O K Kleshenev, Trudy VGU 6370-61 167.

CHUKCHI PENINSULA—PARASITES—ANSERIFORMES

Pchinatrium, gen nov., a new genus of Hymenolepuddae from Ansentformes of Chukchi I entreula — A A 5134-skii, N M. (Urpalova, Parsz., zbiv. i rast, no. 1101-112 '65.

CHUKCHI PENINSULA-RADIOBROADCASTING

Citches overwhelm us. A. Bogomolov. Sov. radio I tel. 12 no. 5:22-23 My '63.

CHUKCHI PENINSULA—TAPEWORMS

Pehinatrium, gen. nov., a new genus of Hymenolepididae from Anseriformes of Clukchi Peninsula, A.A Spas-skit, N.M. IUrpalova Paraz zhv. finast, no. 1.104-112 '65.

CHULAKTAU (KAZAKHSTAN)-PHOSPHATE MINES AND MINING

Use of oxidized recycle for flotation of carbonates from Chulaktan ores. D I, Kogan, Sh. A, Makhantov, V, A Rychagov, Khum prom. 12 no 12:913-915 D *66.

CHULAKTAU REGION (KAZAKHSTAN)-WATER, UNDERGROUND

Underground waters of the Chulaktan deposit. M. T. Dzhumagulov. Izv. AN Kazaki SSR Ser geol nauk no 6:81-87 '63

CHULANOV, GABDULLA CHULANOVICH, 1907-1966 G. Ch. Chulanov, obituary. Vest, AN Kazakh, SSR 22 no. 12:62-63 D 160

CHULYM-YENEEY LOWLAND-GEOLOGY

Facies and paleogeographical conditions governing the formation of the Kiya series in the southwestern part of the Chulym-Yenisey Lowland L. A. Ivanila, N. N. Kuleshova. Geol-i geofiz. no 11-135-140 63.

CHUM SALMON see subdivision under Sakhalin

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CHUMYSH VALLEY-EROSION

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CHUNA VALLEY (IRKUTSK PROVINCE)-FOREST SOILS

Porest soils of the Chuna-Villier eva interfluxe L V Poper Izy Vost -Sh old Georg ob - a SSSR 603-21

CHURAKOV, SERGEI SERGEEVICH, 1908-1964

S. A. Churakot, an obstuary Sov. arkheol. 10 no. 1 234-236 '66

CHURCH AND STATE

Eshliman, Nikolai, Topen letter (10m priests Nikolai Eshliman and Gleb IAkunin to His Holiness Alexis, Patriarch of Moscow and All Russia) Ego Sviatelshe-sivu, sviatelshemi Patriarkhu Moskovskomu i Voola Russi Aleksiu, sviatelshchenikov Nikolaila Eshliman i Gleba IAkunian otkrytoe pis'mo. New York, Predsta-vitel'stvo Rossiiskikh Emigrantov v Amerike [1966] 59 p. (DS)

CHURCH ARCHITECTURE

Pod"iappl'skii,S.S. [Guide to the architectural meau-ments of the Kirilio-Delozerskii and Ferapontov Monastories] Putevoditel' po arkhitekturnym pamlat-mram Kirilio-Delozerskogo i Ferapontova monastyrei, [Vologda] Severo-Zapadnoe kaizhnoe izd-vo, 1966, 63 p. (MH)

CHURCH LIBRARIES see Libraries, Church

CHURCH SLAVIC LANGUAGE-GLOSSANIES, VOCAB-

The project of preparing a combillary of the Church Slavic language of V Marcs - Vop taz - 15 no 5-86-99 S-O -86

Vorabilary of the Croatian-Glagellitic version of the Common Slavic literary (Church Slavic) language A Nazor Vop taz 15 no 5 99-105 S-O 166 Work on the collection of naterial for compiling a

dictioning of the bookish Slavic language of the R version, G Mindild Vop (at 15 no 5 105-109 S-O 166 Russian

CHURCH SLAVIC LANGUAGE—VOCABULARY

Relation of the cocabulary of the Church Slavic language to the vocabularies of the servicet Slavic languages. L. Moszynskii. Vop. ia 15 no 581-85 S-O 466

CHUSOVAYA VALLEY-BAUXITE

Devonian karst bauxites in Chesovaya Valley G A. Maksimovich, N. P. Chirvinskii, B. I. Chuveshov trudy Perm politekh inst. no 12:101-113 pt 1 '62 Nauch

CHUSOVAYA VALLEY-GEOLOGY

Kyn-Chusovaya highland and its development in Carboni-Nauch trudy Perm politekh ferous O A Shcherbakov inst no 12:3-13 pt 1 62

CHUSOVAYA VALLEY-RUNOFF

Chemical streamfley of Chusevaya basin G.G. Zhidkeva Nauch trudy Perm politekh inst no 12 47-59 pt 1 '62

CHUVASH DRAMA—HISTORY AND CRITICISM

Markov, B.S. [Birth of the musical theater of Chuvashia]
Rozhdenie muzykal'nogo teatra Chuvashii. Cheboksary
[Chuvashskoe knizhnoe izd-vo] 1965. 97 p.

(MH)

CHUVASH FICTION-HISTORY AND CRITICISM

Khlebníkov, G.IA. [The Chavash novel] Chavashskii roman. Cheboksary, Chavashskoe knizhnoe izd-vo, 1966, 211 p

CHUYASHES see subdivision under Bashkiria; Orenburg

CHUVASHIA-BUILDING MATERIALS

New building materials made of local raw materials M T, Egorov Uch zep CHNHIALIE no 23:61-72 '63

CHUVASHIA-COLLECTIVE FARMS-FINANCE

Coordination of accumulation and consumption on collective farms. V N. Akhmeev Uch, zap CHNIMALIC no 23 14-25 '63

The problem of accumulation within collective farms
P.L Lebedev Uch zap CHNINALIE no 23 3-13 (63

CHUVASHIA-FIELD CROPS-FERTILIZERS AND MANURES

Fifect of potassium fertilizers in soils of Chuvashia. E I.Grigoricv, I.M Bardyshev, Kinim v sel¹, khoz i no.12 62-65 D 466

CHUVASHIA-HISTORY

Nauchno-issledovatel'skii institut pri Sovete Ministrov Chuvashskoi ASSR, [History of the Chuvash A. B. S. R.] Istorifa Chuvashskoi ASSR Cheboksarv, Chuvashskoe

Vol 1 [From ancient times to the Great October Socialist Revolution] S drevnetshikh vremen do Velikoj Oktiaorskoj sotsialisticheskoj revoliutsii, 1966 258 p.

CHUVASHIA-INCENTIVES IN AGRICULTURE

Expanded production on collective farms and the material self-interest of the firmers M. A. Androev, Uch zap CHNIHALIF no 23 26-39 (63)

CHUVASHIA-INDUSTRIAL MANAGEMENT

Reorganization of the management of industry and construction in Chineshia in 1057 and its in -1 16 uits S G Russakov | Uch zap CHNIHALIE no 23 125-142 lbd

CHIIVASHIA--INDIISTRIES

Intraparty and ideological work of the party organizations in industry and transport of the Chuysah A.S. R., 1944-1945. A.C. Lihofkin. Uch zap CHNIII M.II. no 23444-63 641

CHUVASHIA-MACHINE-TRACTOR STATIONS

Comprehensive technological service at the machine-tractor stations. Uch rap CHNIHALIF no 23/57-60 164

CHUVASHIA-MAN, PREHISTORIC

The clay models of wheels from the Balanovo building round P. M. Kozhin. Sov. at theol. 10 no. 1.176-178.106

CHUVASHTA-OPERA

Markov, B.S. [Birth of the musical theater of Chuvashia]
Rozhdenie myzykal'nogo teatra Chuvashii, Cheboksary
[Chuvashikoe knizhnoe izd-vo] 1983, 97 p.
(MH)

CHUVASHIA--POPULATION

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CHUVASHIA---PRESS

12 om the history of the Churash party and Foviet press during the per fol of the civil war. M. V. Ruminntsey Uch zap CHNIHALIP no 23 185-195 '63

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CHUVASHIA-REVOLUTION, 1917-1921

From the history of the Chuyash party and soviet press during the perfect of the clivit war. M.V. Rumfantsey Uch 7ap. CHNIHALII, no. 23 185-185, 763

CHUVASIIIA --- SOCIAL SCIENCES

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Uch zap CHNIHALIT no 23 270-273 '63

CHUVASHIA—THANSPORT WORKERS

Intraparty and ideological work of the party organizations in industry and transport of the Chavash A S S R., 1943-1945 A F Izhoikin Uch zap CHNIHALIE no 23 113-

CHUVASHIA-VILLAGE COMMUNITIES

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CHYMOTRYPSIN

Effect of amino acids on the proteolytic activity of trypsin and chymotrypsin M. P. Chernikov Biokhimita 28 no. 2;285-287 Mr -Ap '63

Inhibitory effect of borates on the three-phase reaction of hydrolysis by -chymotrypsin of nonspective substrates, 1 V Herezun and others, 1964, AN SSSR 171 no, 54213-1216 D 466.

CICATRICES

Rale of nerve cicatrix in restaration of functions V.V Shuvaev. V A Politantsev. M A. Shuster Trudy 1-go MMI 49:246-250 '66

CINCHONINIC ACID

Synthesis and study of 2, 2!-diquinoly! derivatives Part Parts Fisters and amides of 6, 6!-dimethyl-2, 2!-bicmehoninic acid. A L, Gershuns, A. A. Pavliuk, Ukr, khim, zhur. 32 no, 12:1311-1314 166,

CINEMATOGRAPHY, SUBMARINE Use of submarine chemalography and photography for

me sauring turbulent coefficients in natural conditions. A V. Mater. Trudy Orean, kom 14:43-41 182

CINNABAR see subdivision under Donels Basin CINNAMALDEHYDE

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CINNAMIC ACID
Photometric determination of nickel using \(\textit{\textit{B}}\) mercaptocinnamic and \(\textit{\textit{B}}\)-mercaptocinnamic acids. \(A. I. \) Husev,
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Ratio between contents of calific and chlorogenic acids as an index of potato tuber resistance to Phytophtheia infestans. V. E. Sokolova. Prikki, biokhima i mikioblot no 6 675-681 N-D 166

CIRCULAR SAWS

Pedal-driven device for cutting lumber. Df Golev. Timep stroi, 11 no H 51 N [6]

CIRCULATORY SYSTEM See Cardiovascular system

CITIES AND TOWNS

(see also subdivision under Uzbekistan, Yugoslavia) Physicograph aphical study of cities AS Kilukov, 16 h zap. Volg gos. ped inst no 18:115-128 (6).

CITIES AND TOWNS -- CIVIC IMPROVEMENT (see also subdivision under Bulgaria)

Small architectural forms in municipal improvement, V Saugarev Archit, SSSR no 8:22-25 166

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CITRIC ACID

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Effect of the oxidation-reduction potential on the course of cities acid oxidation reaction T D. Pod hidaes, S. V Gorbichey - Trudy MKHII no 11 66-71 463 Isolation of acetyl and citiil phosphates from liver homo-

genates following transformation of cities and M.J. Hulyi, P.M. Pechonova, like brokhina zhou, 38 460 h 644-617, 566

Use of paper electrophoresis for the division of some acide of the citric acid cycle in biological fluids. A. Petrun'kina, L. I. Silina. Labadelo no 143-25 '67.

CITRONELLOL

Identification of adorous substances Report No 3 Kore, C.f Shepetuskova, F. M. Chernova Trady VNISNDV no 7 149-161 '66,

Content of soluble sugars and free amino acids in the buds and leaves of some species of citius fruits marked by various intensity of winter dormancy 1 I Surkova Shor trud asp 1 mol nauch soft VIII no 2 264-270 [6]

Polyembryony in citrus fruits. N. I. Maisuradze, Subtrop. kul't no. 3 80-90 '88

Subtrop, kult no. 3-80-90-186
Results of the study of physiological and biochemical changes in lemon seculings grafted on Citrus ichan gensis. G. D. Chkhaidze, short trud asplined nauch soft VIR no. 2-270-276-90. Studying the effect of temperature and moisture on the pollen viability of Citrus tchangensis. N. M. Toloraia Short rud asplined nauch soft VIR no. 2-277-281-161.

CYPRUS FRUITS—COSTS See subdivision under Makharadze District

CITRUS FRUITS-DISEASES AND PESTS

Biological method for controlling the greenhouse whitefly Diabetrodes citri Riley et 110. M IA Mutvanhaze. Subtrop, kul't no 3 60-70 '66.

CITY PLANNING

TY PLANNING
(see also subdivision under Aykhai, Yakulia;
Cherepovets, Vologda Province; Estonia;
Kazakistun; Leningrad; Moscow; Sevastopol;
Tallian; Tashkent; Tillis; Ulyanovsk; Volonezh)

Architect looks into the future. Strot. i arkhit II no. 9;

[...Birth of cities] ... I voznikatut goroda, Moskva, Sov. Rossiia, 1967, 149 p. illus.

Boarding schools for children of preschool age in a subm-ban area. A. Sycheva. Arkhit SSSR no 6 37-39 163 Cities are changing their structure, V. Lavrov, Arkhit, SSSR no. 11:15-24 '66.

In the institutes of the State Committee on \tunicips1
Construction and Architecture attached to the State Committee on Construction of the Council of Ministers of the U.S.S.R. Zhii strol. no 12:29-30 '66.

In the State Committee on Municipal Construction and Architecture attached to the State Committee on Con-struction of the Council of Ministers of the U.S.A. Arkhit SSSR no. 7:64 '66

In the State Committee on Municipal Construction and Architecture attached to the State Committee on Construction of the Council of Ministers of the U.S.S.R. Arkhit, SSSR no. 11:04 166.

Original structure of city centers of Kursk, Orel, and Belgorod, S. Frdorov, Arkhit, SSSR no. 11:58-60 186.

Planning a new town V Shkvarikov, I. Smolier. Arkhit SSSR no 7:3-ll '86

Possibilities of calculating movement patterns of city dwellers A Mednis. Arkhit SSSR no 7:44-47 '66
Pressing problem. S Vainshtein, T. Mikhailova. Stroi i arkhit 11 no 8:4-6 Ag '63

Problems in the decentralization of large cities A.A. Afonchenko Stroi, i arkhit, Len 25 no. 5 28-28 My '63.

CITY PLANNING (Continued)

School neivork in a residential area - IU Tuishin Aithit SSSR no 6 33-37 163,

Ukraine, Gosudarstvennyl komitet po delam stroitel'stva,
[An ald to the planner] V pomo-lich' proceetirovshchiku Kiev, Budivel'nyb. Vols. 1-2, 1986, 2 v.

(MH)

What hinders relaxation in a microdistrict? IU. Lebedev Sov profsonary 22 no 23 31-32 D 166

CIVIL LAW see subdivision under Kirghizistan,

CIVIL PROCEDURE

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Appellate and review procedure in the examination of civil lawsuits O. Ivanov Sots alson, 43 no 12:30-33 D '66

Jurisdiction of compades courts in civil law cases. A. Fel'dman Rad pravo 29 no 12 71-75 D '66.

Participation of trade unions in the review or judicial decisions by reason of newly discovered circumstances M. I Shtefan Privoznivstvo no 1103-100 455

come examples of the court trial of civil cases instigated b, public prosecutors. B. Kravtsov. Sov inst. 30 no. 23 6-6 D '66.

CLADOCERA see Water fleas

CLARKE, ARTHUR CHARLES, 1917-

Profiles of the future. B. liapunov. V mire inig 6 no. 16:13-14 O 466.

CLASSIFICATION, BIBLIOGRAPHIC

Vsesoluznyi institut nauchnoi i tekhnicheskoi informatsii. |Classification scheme of abstracting publications of the U.S.F. R. for 1966 | Rubi Ikator i eferativnykh izdanti SSSR, 1966 god. Pod red. V.I.Gor'kovol. Moskva, 1965. 460 p. 1965. 460 p. (CaOTU)

CLASSIFICATION, UNIVERSAL DECIMAL

In Heu of a book review, F.A Faverman Sov bibl no 5 66-69 '68

CLASSIFICATION OF SCIENCES

Methodological problems in the systematization of untural sciences, I V. Mitthrev. Trudy LPI 19,261. 128-130 '66,

CLASSIFIED CATALOGS see Catalogs, Classified

CLAY see subdivision under Anapa region (Krasnodar Territory); Peschanyy Island; Ukraine; Ural Moun-tain region; White Russia

CLAY MINERALS

(see also subdivision under Volga Valley)

Kukovskii, E.G. [Characteristics of the structure and physicochemical properties of the structure and nest streenth 1 filter-kinicheskie svoistva gilnistykh mineralov. Kiev, Naukova dunka, 1966. 130 p.

CLEANING COMPOUNDS

Properties of the monoethanolamides of individual fatty acids. A. M. Karnaukh, G 1 Mukhailenko, Masi -7hn. prom. 28 no.6:17-22 Jc 162

CLEFT PALATE

Logopedic work in cases of open thinolalis after unano-plasty, T.N.Vorontsova, Uch.zap.MGPI no.219:00-100 [64].

CLIMACTERIC

Vikhliacva, E.M. [Climacteric syndrome and its treatment] Klimaktericheskit sindrom i ego lechenic. Moskva, Meditsina, 1966. 137 p. (Biblioteka prakticheskogo vracha) (DNLM)

C LIMATOLOGY
Resic characteristics of natural zonality and its manifestation on lands of the globe E N Lukushova V Mosk un Ser 5; Geog 21 no 6:11-25 N-D '66.

Fushinskil, G.K. (Space and the natural rhythms of the earth) Kosmos I ilimy prirody Zemil. Moskva, Prosveshchenie, 1986—118 p. (Novoe v nauko)

Use of frequency analysis for studying internal struc-ture of natural climatic series. N.E Vollsinger and others Trudy AANII 277:147-157 66

CLIMATOLOGY, MEDICAL—CONGRESSES

Pirst international dermatological symposium on the climatotherapy of skin diseases. A. N. Araviiskit, V. A. Rakhmanov, N. M. Turanov. Vest dei m. i ven 37 no. 3:17-50 Mr '63

CLOCKMAKING AND WATCHMAKING see subdivision under Minsk

Constants of the rate of crythrocyte lysis by the α toxin of Clostridium perfringens type A in various animals N. E. Sinadskii, I. G. Polozova. Zhut mikrobiol , epid. i immun. 33 no. 6:115-117 Je '62. Infectious enterotoxemia of cannels caused by Clostridium perfringens, type C. Moeban and others. Veterinactia $43\,$ no $11/32/45\,$ K $^{4}66$

Isolation, putification and some properties of proteinase in Closti idium botulinum B - I - P. Ashmarin, I - V Voi ontsov, V M. Enk hev, E. P. Lukin - Biakhmilio 27 no. 5 788-793 S-O 162.

Morphological and histochemical changes in the organism of guinea pigs caused by C-lecithmase of Clostridaum of gained pige caused by Celectronic rise of Celestronian Pieck lift. Lyp. A. Report No. 3: Pathomor phological and histochemical changes in an irrimine or gains in I.I.A. Androov, I.A. Larmin, M.V. Ispolatovskida. Zhin mila obiol., epid.; immune. 13 no.11;38-42. N. '66

Obtaining the diagnostic section against type F Closti idium perfeingens F P Zemlianitskale, K. I. Platece Zhui mikrobiol , epid i linmun 43 no 11 52-56 N 466

Quantitative estimation of anner objective ogen-fixing butyric acid bacteria of penus Clostridium in soil V 1 I'mtsev Mikrobiologiia 31 no 2:288-293 Mr-Ap '62

Riffmose for mentation by Closti idium acetobuty licum N \ Shehebiykina, B, M, Nakhmanovich - Miki obiologila 35 no 5;789-791 5-O '66

CLOSTRIDIUM-CULTURES AND CULTURE MEDIA

Characteristics of glycerophosphalase in Clostridium prifring na A. I. Ku helvina, V. A. Blagov cahchenskii Dokl. AN SSSR 171-no 5 1193-1195 D 466.

CIOTHING, PROTECTIVE

Close to fite, V. Karpelin, A. Rybalko, Izobi.i iats, no. 12 22 466

Umanskii, S.P. [Equipment of an air pilot and astronaut]
Saariazhenie letchika i kosmonavta, Moskva, Voenizdat,

CLOTHING AND DIRESS-STANDARDS

There should be uniform standards for clothing. IA. Leg-kun K Maryshev. B. Semak — Soy tong — 10 no.1.13-11 Ja '87.

CLOTHING INDUSTRY see subdivision under Moscow

CLOTHING INDUSTRY-EQUIPMENT AND SUPPLIES see subdivision under Kharkov

CLOTHING INDUSTRY-MANAGEMENT (see also subdivision under Gomel')

Organizational forms of trade. S.Serebriakov. Sov. torg. 40 no.1:16-20 Ja $^{16}7_{\odot}$

C LOUD CHAMBER

Possibility of measuring ionization of charged puriticles in alreamer chamber. T.L. Assationi and others. Izv. AN Arm. SSR. Fiz. 1 no. 2:127-130 '66.

CLOUD PHYSICS

Artificial crystallization of large waterdrops. Kh, Kh. Medaliev Trudy VGI no. 1,48-55 *G6.

Calculation of cloud cover in lower tayer and anowfalls by natural processes and by matificial action 5 L. Lebedev, Trudy VGL no.3:78-86 166

Characteristics of nature and speed of motion of system of particles, V.G. Khorguani Trudy VGI no 3 39-42 46.

Distribution of meteorological elements in cumulous clouds, G.D. Matinkhin, Trudy VGI no 3:01-100 '66, Experimental study of crystallization of super cooled

Laky figurative cumulus by pvi olechnic compounds containing Agl and Pol₂ IU. P. Sumin Trudy GGO no. 186-26-37 [66].

Formation and evolution of convection cloud. S. L. Lebedev, Trudy VGI no. 3:87-93 166

Results of comparison of microphysical traps and collectors of different systems V S. Minervin and other-Trudy VOL no. 3:18-38 '66.

Role of capture coefficient in theory of coalescence growth of cloud droplets IV. A Dovgatink Trudy GGO no. 186

Some characteristics of nature of interaction and coefficient of capture of cloud particles of comparative sizes. V.G Khorguani. Frudy VGI no. 3 7-17 188.

Structure of cloud base of lower stratus V S Kocharia Trudy GGO no 106 95-103 '66

Study of processes of capture of acrosol in cloud by method of ingged atoms, 1.1, Burtsev and others, Trudy VGI no. 3:63-78 [66,

Supersatm ation of vapor during formation of displet cloud.

B 3n Beritashvili. IU A. Dovgalluk Trudy GGO no 186:126-135 [66]

CLOUDS

Concentration of halistones and buil seeds in thick cumu-tons clouds M.T.Abshaev, Trudy VGI no 3:191-198 '60,

Convective condensation level C P Budilova, V, T Lenshin Trudy GGO no 186:44-48 '66. Rada: observations of effect of extensive convective cloud modification N. A. Zykov and others Trudy GGO no 186:74-79 '66

Some problems in forecasting convective cloud cover by tayer method. L. M. Lapteva, N. M. Matthakhova. Trudy VGI no. 3:151-153 '66.

World of clouds; most important structures of cloud cover of the earth, N I Novozhilov, Priroda 55 no.12:38-43 '66.

CLOVIA: see subdivision under Kolkhida Lowland

CLOVER-FERTILIZERS AND MANURES see subdivision under Loui Plateau

[A whole evening at a manage. .; a repertory collection] Vest vector na manarhe..., reperturing shounk. Moskva, Sov.Rossia, 1965—78 p. (Bibliotechka "V pomoshch" khudozhestvennoi samodelutel nosti, " no. 4)

CLUBROOT

(see also subdivision under Lening ad Province)

Resistance of the varieties and intervarietal hibrids of fixed turnip and gorden turnip to clubroot NS Pivo grove Shor trad asplitmed nauch soft VIR no 2 156-168 tol.

CLUTCHES (MACHINERY)

Kinitsberg, M.I., and M.B. Milich. [Electromagnetic sliding clutches in construction and road machines, a stuvey] Lickt.omagnitnye multy skol'zhenisa v stroltel'-ny'h i dorozhnykh mashinakh, obzo Moskya, Nilinformatsiistroldockommunnash, 1965 [11]p. (Sertia 1 Stroitel'nye i dorozhnye mashiny)

Tower engineering by two-speed press children, T.A. Shehetinin (Nauch trudy) PNIKM 35ha no 1441-55 466

Starter clutch attachment to the motors or unpict mills and face C 1 Volvova and others | Faci gammahinestree-nic 8 no 8:35-37 Ag | 62

COAGULATION

Mechanism of the formation of coagulation structures in seculation of the formation of coagulation structures in aqueous disputsions of polygorskite and hydromica under the effect of ultrasound N.N. Krughtskii and others, frv AN SSSR Neorg mat 2 no 12 2213-2220 D 166

Stability and coagulation of synthetic lateres. Part 9° Aggregated lateres O G. Kischeva and others. Koll thur. 28 no 6-843-846 N-D $^{\circ}$ Ge

COAL

(see also subdivision under Donets Basin, Karaganda Basin)

Continuous metal-steam process for the production of hydrogen using natural coal. A A Gavrilova Trudy 101 18:101-100 /62,

Determination of benzencpolycarboxylic acids in oxidation products of some natural materials, 1, A, Kodina, V. N. Generalova, Zhur, anal, kilim 21 no, 11:1385-1389

COAL - CARRONIZATION

(see also subdivision under Donets Basin)

Plastic state of confs viewed as a system with colloidal properties. M.D. Shapiro, 1.5 Alterman, hose i whim, no. 6:10-15 '62'.

Role of colloidal and chemical processes in the contention of coals and charges K.P. Molvedev Koks 1 khim. no. 6:16-20 '62

COAL-CLASSIFICATION

New classification of humic coals. N. M. Karavaev. Note i whim the notable $12(1-7)^{-1}66$

COAL-STORAGE

Using rolled materials in the assembly of the silo hoppers of a coal-storage plant G. A. Ritchik Mont ispots rab v strol 25 no 8:6-9 Ag '63

COAL-TRANSPORTATION

Combined waterway and railroad transportation of coal through the port of Katias. V Chikutin Rich transp. 25 no. 12 56 '66

New technology for unloading coal V. Pelipenko Rech, transp 21 no 7 50 Ji '62

COAL, EFFECT OF TEMPERATURE ON

Coke manufacture without using less caking coals. R. C. Leibovich and others Koks i khim. no. 12:12 11 '66,

Michanism of the imochemical transformations of coal in grains of various sizes. V.I. Shustikov, N.A. Kekin, koas i khim, no. 12:7-12 '66,

COAL, PULVERIZED see subdivision under United States

COAL GEOLOGY

(see also subdivision under Denets Basin; Kizel Basin; Lvov-Volyn' Basin; Perm Province)

Calculation of the methane losser of coal core and drilling mad in the hole when red filling coal scams I, V, Bukin, L, V, Gnipp Izv, vys. ucheb, zav., gool i razv, 5 no 6 85-92 Je 163,

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Using data of mining operations in geological reports containing estimates of coal reserves. IU.V.Rudakov. Mat. GKZ no. 4:35-41 '66.

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Lindenau, N. I., R. V Butkeyich, and K. P. K. Ivobok,
[Mining of thick coal scams] Razrahotka moshchiykh
ugol'nykh plastov Pod red. A. N. Zademidko, Moskva, Nedra, 1966 286 p.

Measures for fighting methane in faces of cutter-loader mined development workings, I V Scriggev, N. I Ustinov Bezop, truda v prom 7 no 5 28-30 My 163

Movement of all the people I Vladychenko. Sov slinkht 12 no ±:2-3. Ap. '63

COAL MINES AND MINING-ACCIDENTS (see also subdivision under Lugansk Province; Lyoy-Volyn' Basin)

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no 12:31-34 D '00. Standardizing the use of metal for repair and operational needs in coal industry. M.I Dubinakti, P kh. Sivaks Ugol' 41 no 12:38-41 D '86.

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3. P Rapotsevich Ugol 11 no. 12 54-58 D '66

Rapid building of chambers for fire-preventing stations, I.E. Kilui, G.N. Berezin Shakht stroi 10 no. 11 19-20 N 166.

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Two cycles a day on a thin seam. N.Grinda. Sov. shakht. 12 no 4:9-10 Ap '63.

COAL MINES AND MINING-MANAGEMENT (see also subdivision under Kuzneisk Basin)

Continuous integrated schedules are a new method for safety in mining. A. P. Semin, K. P. Tolstoi. Bezop truda v prom. 8 no. 5:8-9 My 162

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COAL MINES AND MINING-MATHEMATICAL MODELS

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Chermashentsev, IA, N., and G.I. Kapeliushnikov, [Principles of safety engineering, preliminary training of workers on safety measures in continues] Osnovy tekhniki bizopanosti, predva itci'nce obuchenie rabochikh po tekhnike bezopasnosti na ugol'nykh shakhtakh. Mosiva, Nedia, 1966. 113 p.

Critical pressure is a criterion of a danger zone for sudden outbursts of coal and gas, I M Pechuk, Dop. AN URSR no 11 1470-1173 162.

In afficient method of transporting workers in confinition with a black system of mining F. P. Kalinykov Ugolf 41 no 12,31-35 D 668

Improve the operating safety of scriper conveyors. I. M. Gusel'nikov. Brzop, truda v prom. 6 no 5 12-13. My.

Now progressive coal mining technique V. N. Ignatiev Bezop, trada v prom. 6 no. 5:9-10 M_s ¹62,

Problems of traumation provention in enterprises of coal industry. T A. Revenko, M I. Sinito. Travmate logita no. 193-8-965

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Improving systems of mining is the way of bettering efficient performance of equipment complexes in Moscow Busin, P. M. Perminkov and others. Ugolf in no. 12 25-29. D. 166.

Mining 80, 142 tons of anthractic in 30 workdays, M. T. Borovkov, Ugol' 11 no. 12 16-19 D '66

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Increasing the efficiency of crushing, G.N. Drut and others, Koks i thim, no. 6:6-8 '62,

Pelletizing small classes of coal. O. N. Mashenkov, K I. Syskov. Kons i khim. no. 10:0-11 '66.
Studying the lumbing of brown coal V. IA. TSarev. K. I. Syskov. Trudy MKHTI no. 42 5-11 '63.

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COBALT COMPOUNDS

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COBALT IN THE BODY

Cabalt content of the blood in elderly and old people. M. M. Korobenkova. Dokl. AN BSSR 6 no. 8-385-376 Je 462.

Normal cobalt content in the blood of man. L.I. blel*son, II, D. Zhukovakaia Probl. gemat. i perel, krovi A. nu. 7 10-14 Mr. 463.

COBALT ISOTOPES-PHYSIOLOGICAL EFFECT

l'ffect of ionizing radiation on the secretory precesses in the executive part of the nancrens of white mice, N.K. Shmidt, Vop. indication, 4.222-227 '61,

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Results of treating cancer of the tangue and the maccus cavity of the mouth by a combined method with the use of tadfoactive cobatt. L.M. Vorontsov. Kiin, onk, no. 1:41-39-165

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COBALT-MOLYBDENUM-BORON ALLOYS SEE Molybdenum-cobalt-boron alloys

COCCIDIOSIS

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Study of means and working out methods for the disinfection of premises in cuccidiosis of poutry. A.I. Ely-chev. Veter limitin 43 no. 11:02-94 N 466.

Symposium on poultry coecidiosis at the 13th intornstional congress of poultry farmers, M. A. Ar tendency, Vetering tin 43 no. 11:84-56 N 466.

COCCOLITIES see subdivision under Pacific Ocean

CODEINE

Mathod of determining strychnine nitrate and the codeire base in Dr. Karmanova's tablets. V, G, Tyniankins. N. S. Gortacheva Apt. delo 12 no.1430-42 Ja-F ¹63.

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CODING THEORY

Construction of nonlinear time-impulse converters of a potential to code, V.N. Alekhin, Aytometrita no. 5; 98-106 '66.

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CODLING MOTH

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Errect of various coortyme forms on the quaternary struc-ture of succepylized aspartic transminiase. O L Polid-no. 891, V. IA Pikhelgis. Dokl. AN SSR 171 no 5 1221-1223 D '66.

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kinetics of the formation of coke during the cracking of the group components of petroleum residues. M. E. Leviater and others, Khim i tech, topl, I masel, 11 по 11:25-27 № '66

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A method of determining integral chemical activity of coke. D.1U Gamburg, O.G.Katanel'aon, T.I. Turkina hoka i bhim no 10,27-32 '66.

COXE INDUSTRY

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Crnceining L.I. Hitskil's book "Economics of the coke and coal chemicals industry" V.F. Anheev. koks i blim, no. 5:56-60 '62,

COKE INDUSTRY—BY-PRODUCTS (see also subdivision under Dacpropotrovsk;

Donatsk Province; Gorlovks, Donatsk Province; Kharkor; Makeyevka) Calcination of earthon-graphite materials under gas

pressure I. M. Rozenman, F. F. Chalykh, L. N. Shtein Trudy MKHFI no 42:25-28 '63

Changes in properties of coal pitch during oxidation, R. K. Ognev, E. D. Ter-Pogosian. Koks I khim. no. 10; 25-27 '66.

Leiboylch, R. E., IA, M. Obukhovskii, and S. IA. Satunov-skii. (Technology of by-product coke production, a lexi-book for technical schools of by-product coking) Tekhno-logita koksokhimicheskogo profesodstva, uchobulk dlin logina kongokumini chegango proizvonava, uchomba dha kok sokhinicheskikh tekhnikumov. Moskva, Metallui-gila, 1966. 463 p. Preparation of commencial amphibalene from apphibalene

raction by the crystallization-fusion method 7.1A.
Gogoleva Koks 1 khim no.10;41-45 '66.
Volumetric densenting of porous curbon-graphite materials with carbon. P. A. Tesnet. V. K. Pechik Trudy MKHITI no 42;35-38 '63

Ways of utilizing industrial wastes from processing plenol, haphthalene, and pyridine raw materials, G. A. Markus, Noks i khim, no. 10:48-17 '66,

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COKE INDUSTRY-WATER SUPPLY see subdivision under Aydeyevka-Pervaya (Ukraine)

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COKE MANUFACTURE—EQUIPMENT AND SUPPLIES (see also subdivision under Kuznetsk Basin)

Coke manufacture without using lean caking coals, R E lebovich and others Koks i khim, no 12-12-

COKE MANUFACTURE—RESEARCH

Pilot plant coking of charge mixtures with addition of coal contents ate from "Zapadno-Donbasskaya No. 1" cost mine. IU G Krivokon' and others. boks I blim, no. 10:6-9 '66,

COKE-OVEN GAS

Removal of nutric oxide from coke oven gas by means of dramss R.F., Kovenkova, 1.1A Mulik. Khim prom [UP1.] no 3.19-21. d1-5.162.

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Contactless signal indicator of the position of cake ovens. IU, F. Bolesto, V I. Grinzln, IU. K. Vasil'ev. Koks i khlm. no. 10 55-56 '68.

COKE PLANTS—EQUIPMENT AND SUPPLIES (see also subdivision under Kharkov; Rutchenkovo, Ukraine; Ukraine)

Refraction densitometry method of analyzing phenotates of steam-cliculating dephenolizing equipment, M. L. Oriov, M. M. Berestetskit, Koks i khim, no. 12418-43 166.

Shepeley, I.G. [Equipment of by-product coking plants]
Oborudovanie koksokhimichoskikh zavodov. Moskva, Metallurgila, 1966. 332 p.

COKE PLANTS-MANAGEMENT

(see also subdivision under Yasinovica, Ukraine)

Improving the structure of capital investments is a very important factor of efficient production. L M Kotov. Koks i khim. no. 12 49-51 [66]

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Resistance of cold-adapted animals to anytal and some aspects of the mechanism of its nancotic action S. P. Maslov, I. N. Ivashkina Bittl. cksp biol 1 med 55 no 6:72 75 Je *63.

North G. G. Mitzeev Zhur mikrobiol, epid i immun 33 no 0:32-37 Jo '02

COLD CATHODE TUBES

Role of the material of the central part of a cold cathode in Penning-type discharge E.M. Reikhadell, G V Smirnitskala, R. P Babertsian. Radiotekh i cicktron. Il no Il 2095-2093 N '66

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Use of "AMUR" temperature regulators in cold-storage warehouses. V. A. Selivanov, V. S. Uzhanskii Khoitekh. 39 no. 35-7 My-Je 162.

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COLD STORAGE WAREHOUSES-TECHNOLOGICAL

Work of efficiency promoters in the cold-storage warehouses of the Main Administration of Meat and Fish Trade of the R.S. F. S. R. V. A. Selivanov, A. A. Man-kov, Khol tekh 39 no. 3:67-68 My-Je '62,

COLD WELDING-EQUIPMENT AND SUPPLIES

Cold and pressure welding with high speeds of upsetting. A.I. Shestakov, Avtom, svar. 19 no. 12:34-36 N [i, e, D] '66,

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Lysogementy and collingenicity in enterobacteria. P I I mellianov Zhun mitrobiol , epid i immun 43 no 11 91-95 N '66

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t linical bacter jological and pathomorphological charge. teristics of colites in monkeys and methods of their treatment. If IA Limakova and others. Trudy Mosk much rissland whus prep no 3:287-242 65

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I specimental treatment of scalped wounds and skinburns with collagen films — A. M. Khill'kin and others — Trudy 1-go MMI 19 318-323 - 66

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Study of anaphylactic properties of products of totally dissolved collagen A B Shekhter and others Trudy 1-go MM 19,271-277 hts

Study of antibacterial properties of the complex collegen with autibiotics in vitrospic liminary report A B Shokhter and others Frudy 1-go MMI 44 288-293 '66

Study of anticoagulative properties of the collagen-heparin complex V L Lamency and others. Trudy 1-go MMI 19-278-287 466

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Use of collagen in plastic surgrity V V K others Frudy 1-go MMH 10:253-255 66 V V Kovanov and

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Onnes of the future, V. Banasius exicle. Violic sulg

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COLLECTIVE FARMS-ACCOUNTING (see also subdivision under Batyrevo, Chuvashia; Estonia)

Answers to readers questions on collective farm accounting Vest stat. no.12:11-12 'fb.

We are improving accounting documents G Piven' Liken sel'kho. 12 no 12,97-90 D 'fs Zubchik, N.D. [How to organize business accounting on a collective farm] Kik organizovat' khozraschet v kolkhoze (Volgograd) Volgogradskoe knizhnoe izd-vo, 1962. 69 p.

COLLECTIVE FARMS—COSTS
Insurance, paraton coverage, and production cost I Sus-lov I bon well-box 42 no.12,101-104 D 166

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(see also subdivision under Chuvashia; Mordovia; Stavropol Territory; Ukraine)

On the right path K. Taichibelov Pkon. sel'khoz 42 no. 12,94-97 D '66

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Efforts of the Communist Party of the Ukraine to promote the principle of material incentives on collective forms, 1966-1961, V.V.Didenko, Ukr. ist. zhur, 10 no. 11;53-58 N 66.

On some problems of the distribution of the gross income on collective farms, M. A. Vallugin. Uch, sap Mord, gos. un no.48 115-130 185.

COLLECTIVE FARMS—INTERFARM COOPERATION see subdivision under Mordovia; Ukraine

COLLECTIVE FARMS-LAWS AND LEGISLATION

Petroy, V.V. [Statute of the agricultural artel and modern collective farm laws] Ustav sel'skokhozialstvennoi arteli i sovremenne zakoodatel'skyo o kolkhozakh. [Kazan'] Izd-vo Kazanskogo univ., 1960. 220 p.

Russia (U.S.S.R.) Upravionio podgotovki kadrov schet-nykh rabotnikov. Baste principles of collective farm law; the program, methodological advice, and supple-ments to the instructional Hierature. For correspondence students of courses for raising the qualifications or accountants and chief (senior) accountants of collegtive farms] Osnovy kolkhoznogo prava, programma, metodicheskie ukazanila i dopolnenila k nebebnol literature. Dlia uchashchikhsia zauchnykh Pursov povyshenila kvalifikatsii bukhgalterov i glavnykh (starshiki) bukhgalterov kolkhozov Moskva, Statistika, 1965. 6, p.

[MICROFILM]

COLLECTIVE FARMS-MANAGEMENT
(See Also a boll Islan unter Ballarad Province, Thomar National Area)

Gruzia, V. P. Trade-union committee and collective [Tria runt_cment] komitet prefsoluza i pravlenie Fol-El 21. [MosEci] Profizdat, 1966 - 37 p. (Bibliotechka adfisko apaefsoluzno o aktivista, no 17(65))

COLLECTIVE FARMS-OFFICIALS AND EMPLOYEES

Grant and early the heal of Righton V mire lang to 12 that the land

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Collectica agreement. Othe truda a sats strakh of the 13 1-3 D 166

COLLECTIVE LABOR AGREEMENTS-AGRICULTURE

Di irrot, A.I. [Collective agreement in an agricultural referpits.] Kollektivnji dogovor na seljskokozialstvenom predprijatit. [Moskva] Profizdat, 1966, 20 p. (Bibli techia seljskogo profsoluznogo aktivista, 1968.) i - 19(67))

COLLEGOES (NUCLEAR PHYSICS)

ir ular depth leaces of spattering and ion-election cut training and injurials IU.V Martyrenko I. V. SSSH Ser itz 30 no 12 1974-1982 D 266.

Brieff stracking of photon in high-energy electron colli-sions V B Brief, V S Lalin, V A Khoze Zhur eksp 1 tco 112 31 no 4 1135-1142 O 166

Calculation of effective cross sections of proton charge each true in collisions with nan, electron atoms V 5 % to tee 7 hin ekspirtent ffz 51 no 4 1263-1280 O YEE

Effect o collisions on spectral characteristics of gas keeps of Rawhan 7 but exspiteor fiz 51 no 4 1176-116; O '86

Excitation of mort cases in electron - atom collisions Part 2 Neon P. V Felttan, I P Zapisochnyi, M M Puch, Uki fir zhur II no II 1222-1230 N 166,

Location type excitation in gases. A P Kazantsey, Professional Zhar eksper I teoret, fiz. 5 no 1 13-16. Ja 167

in Ja 167

For mation or slow form during passage of fest neutrons and hidrogen stores through introds oxide. V. A. Gusev. D. V. Pell'penko. I. M. Pogel. Zhur eksp. i teor. fiz. 51 no. 4.1007-1010. O. 165. Auri chraciton of pictors passing through thin metallite fort. IU. N. I. V. Instanto, v. V. F. Elesin. Le. M. SSSR Ser. fiz. 30 no. 12.1017-1020. D. 166. Potential relief of rectangular charge apots no. delectrice. L. A. Serebro., K. G. Uikin. Izv. A. SSSR, Ser. fiz. 30 no. 12.1012-1016. D. 166.

Collordal-chemical properties of nonlongenic surface-active substances A A Petrov, G N Pozdnyshev Koll zhur 28 no 6 858-865 N-D 166

Kell zhur 28 no 6 635-265 N-1 - 06 Colloidt properties of individual sedium alkylbenzene-sultonates O.S. Mochalova and others khum, i tekh, topi, t masel li no 12,17-20 D - 166.

Ffrect of hydrolests on colloid formation in NaCl and KCl cristals A Boian and others Rost krist 6:133urystals 135 '65

Effect of surface-active substances on stability of lyaphotic sols. Part 4 Stabilization of arsente a tries colloidal solution as depending on the length of nampolar radical of surface-active agent. M. E. Kraspokutskata, IU. M. Glazman. Koll zhur. 28 no 8-847-551. N-D 166.

Effect of surface-active substances on the formation of water solin humidhydrocarbon medium B V Derlagin and others Dokt AN SSSR 171 no 2,370-373 N 466

Effect of temperature on the adsorption of colloidal particles accisibilized b, gelatin at hydrosol - solid interface L.N.Kallina, IU.P. kosovskafa, L. D. Skr.lev koll zhur. 28 no.6 837-838 h-D '88.

Structural and mechanical properties of aqueous dispersions of tentomics and influence of quartz sand additions of different dispersity on these properties, ha. khodzhacva, N. N. Serb-Serbina, P. A. Rebinder, Koll zhur 25 no. 6.894-899 N-D 186.

COLLOIDS-DIPOLE MOMENTS

Electrospiical properties of lyophobic colloids. Part 4. Mexicophical properties of hyponomic colloids, Part 4. New evidence of existence of rigid electric dipole moment in colloid particles. Estimation of dipole value and its direction. N. A. Tolstor and others. Koll, ghur, 28 no. 6 881-887 N-D '66

COLON (ANATOMY) -- INFLAMMATION see Colliis

COLONIES

Ward, Barbara. | Five ideas that change the world. Trans-lated from the English | Plat* idel, kotorye meniaiut mir. New York, F.A. Praeger [1961] 189 p. (NC)

COLOR CENTERS (CRYSTALLOGRAPHY)

Double electron-nuclear resonance of F-centers in KC1 M I Deigen and others Zhan eksp i teon liz 51 no 4-1014-1022 O '66

Role of anton and cation vacancies in formation of aggrega-tion centers in KCI crystals activated by silver and thallium N A TSal', M V Pashkovskii, R I Didyk Fiz tver tela 8 no 7-2015-2021 Jl '68

COLOR IN ARCHITECTURE

Color coding of pipe systems and its role in architectural composition of model n enterprises. V Blokhin 414hit SSSR no. 12 56-59 166

COLOR IN INDUSTRY

Importance of color in industry, N.N. Koval'skii, Vest, mashmosti 46 no 12 73-71 D '66

COLOR PRINTING

Masking during the reproduction of color originals, A L Rumer, D E Eidelton Poligi proizy no 9 17-19 S '63

Reproduction of originals with the 'SIO-1" illuminator, S, Rodionov and others, Poligi proizy no. 9 13-15 5 163

Ways of improving the reproduction of museum originals, M. Helorusets, IU M. Stoltser Poligi profession 9 10-11 S 463

COLOR SENSE

Spatial and color visual effects during the observation of a rotating image | L N Mogrity | L/V Vost -Sib ottl | Geog ob-va SSSR | 60 131-137 | 162

COLOR SENSE-TESTING

System for checking color sense should be changed, Avt transp 44 no 12,46-47 D 466,

Colorimetric determination of funacillin A, Z, Ukolova, A, A Semenycheva Apt delo 12 no 1;72-75 Ja-F '63,

Colorimetric method of determining reducing carbohydrates V.G. Rentskii, L., P.Smolink, Doki AN BSSR 10 no.12;991-993 D '66.
Method of determining strychnine nitrate and the codeinc base in Dr. Karmanova's tablets V.G. Tynianima, N.S. Goriacheva Apt delo 12 no 1,39-42 Ja-F '63

Photocolorimetric determination of riboflavin in pharmaceutical preparations A. M. Aliev Apt delo 12 no 1:49-53 Ja-F '63

Reactions of identification and the colorimotric determination of butadione in combined pharmaceutical prepara-tions Viktorija Koen Apt. delo 12 no 1:82-85 Ja-F '63

COLUMNS

Selecting types of conductors. M. F. Maslov. Mont. i spets. rab. v stroi. 25 no. 10:18 '63.

COLUMNS, CONCRETE

All-purpose conductors for assembling the reinforced concrete columns of single-story industrial buildings, V K, Dudarov, Mont, I spets, rab, v strol 25 no. 10; 19-22 O 163,

New designs of joints of precast reinforced concrete columns A Gurskii Zhil stroi no 12-15-10 '66

COMA

Comatose form of hemorrhagic enephalitis Z. M. Salaeva Azerb med zhur 40 no 9:32-36 S 63.

COMBINATIONS

Problem in the schoduling theory (2\m problem of ordering). V E Khenkin. Kibernetika no 6.67-71
N-D 166

Combines (agricultural machinery)

Evaluating the irregularity of the airflow in the cleaning unit of a combine. E. M. Luzanov. Zap. LSKHI 96:224-

Morozovi, F., V. M. Solov'ev, and A. I. Sturis, [Hand-book for the combine operator] Spravoclinik mekhanika-kombainera, Moskva, Kolos, 1966, 286 p.

New liganum plastic in friction joints of self-propelled combines, 1, M, Aleksanan, O. G, Klimenko, Trakt, i sel'khozmash, no 12 27-28 D 166.
Orientation of the blade wheel of the radial-flow ventilator in the cleaning anit of a combine, V.V. Chalenko, Zap. LSKIII 96-217-219 165.

Combines (agricultural machinery)—Cleaning Dynamics of the mechanism of cleaning the SK-4 combine, IU. V. Grin'kov, L. E. Dekamili, V. P. Zharov. Trakt, 1 sel'khozmash no, 12-25-27 D '66

COMBINES (AGRICULTURAL MACHINERY)—PRO-DUCTION STANDARDS see subdivision under Penza Province

COMBING (TEXTILE)

Testrically institut nauchno-tekhnicheskoi informatsii Tegkol promyshlennosii. Efficient methods for the legkol promyshlennosii. Efficient methods for the processing of trincetate staple fibers by the fine-combing system of spinning! Ratsional myo rezhimy pereraboiki triatsetatnogo shlapel nogo volokna po tonkogrehennoi sisteme priadeniia. Moskva, 1965. 58 p. [MICROFILM]

COMBUSTION

Breakdown of Payer -by -layer burning of per-page colleporous aystema A.I. Bellaevi A.I. (crist) -Sulfmov - Fiz gor i vilva a no 3.17-56 h.c.

Calculation of heat and major transfer in gas they last presence of themical reactions. V. I. Istania, Reprint March 6-20-33, N-15-466

Chromatographic gas analyses for continuous and sarontrol N 466, Zh I Goldberg | Flot etc. bras 14,40 }

Determination of selection in organic substitute of by combination on the d in final fifthed with express [19] P. Fours, J. A. Lipp. Zhan annol Hiron. [2] no fit 1, c 1260–166.

liffect of combustion on turbulence level [1,1,1], and others. [17] gor iv, (ven no. 1,190-112. https://doi.org/10.1120-112.

Effect of the telation between components on tortain velocity of condensed mixture (-5 A 1 syr access to Bakhman, Zhin H. Ahlman 10 no 11 983 (2020)

Intensification of homogeneous combination by the eff guency vibrations - B. M. Gundro, V.A. Soloci. Trudy IGE 18,61-77-762

Mechanism of thermochemical transformation cof and in grains of various sisces. V f. Shrifflov, f. A 1 s. Koks i khim. no. 19:7-12-166.

A method of determining integral chemical activity of coke | D. IU. Gamburg, | O. G. Katane Paon, | 1 | 1 | 1 | 1 | 1 | 1 | Koks | 1 | Kilm, | no. 10-27-12 | 466

Temperature coefficient of combantion yelled is at a codensod mixtures at various component cation (1.). Lukashenia and others — Hz gor i veryen and the

COMBUSTION, SPONTANDOUS

Process of spontaneous coal combustion and possible of its control. V. M. Macvallata, L. P. Reharms. A. P. Rapotsevich. Ugolt. H. no. P. athall. D. te.

Stability exiterion of burning of porous that he will spontaneous punction of combustion products (1212) porcs A D Margolin, 5 V, Chulber 147 get 1371, and 3219-124 166

COMBUSTION GASI'S-ANALYSIS

Conference on gas analyzers, I. 3. Saplunas, Act 5 - energetika 8 no. 291-95 P [6],

COMETS

Description of surface brighiness in a councle head allowing for dispersion of initial velocities. D. (*) Mokinach - Dold AN SSR 171 no. 5(1000 pp.) 4 h. / .

the of methods of the general theory of relativity in analying the trajectories of long-period ceneti 4. Averlanewa, K. P. Stuniukovich, Action hus 11 no 6/1901-1305 N D 466.

COMETS-1954

Study of the motion of the comet 1947 MM - 1951 M Virtanon M. P. Inonatze Truck Vych teentrak, Graz SSR 3/269-291 462

COMETS-1961-1965

Physical characteristics of comets observed in hit-1965 S.K Vsekhaviatskii Astron zhur 11 so 11 C 1300 N-D 06.

COMMERCE

[Export of machinery and equipment by developed eq.() talist countries; a statistical manual] Liksport magna i oboucdovantia razvitymi kapitalintit heskimi sitanzani siatisticheskii apravochnik. Moskva, 1906. 583 p. (Bullelen inostrannoi kommercheskoi informalnit, pri lozbonic, no. 12) lozhenie, no. 12)

Makinova, V.I. [Historical process of the development of exchange and its characteristics under modern contained [Jacobson 1] istoricheskii proteess cazvitila obmena i cosoonnosti v uslovilaki savremennogo kapitalizm (Moskey, Vyeshaja shkola, 1966, 110 p. (CSI-II)

COMMERCIAL GEOGRAPHY see Geography, Commercial

COMMERCIAL LAW (see also subdivision under Okraine)

Advice for practicing inwyors, itt. Shaultatkyi. Rad pravo 20 no. 12:63-64 D 100.

Recent legislative enactments. Rad, pravo 29 no.12 100-106 D '66.

COMMUNICABLE DISEASES

Bogdanov, I.I., [Immune gamma globulins in the treat-ment and prevention of infectious discardes] Immunes e gamma-globuliny v terapit i profilaidike infektsions) ka boleznoi, Kiev, Zdorov'ia, 1965. 160 p. (DNLM)

Effect of out isone on the course of infertious process to white mice infected with pathogenic interobes. (i.v. Tushchenko and others. Zhan interobed, epsil times a 33 no.6434-138 Jc. 162.

Golden humsters (Cricotus auratus W., 1939) as experimental models for the study of infectious pathology, M.M. Faßlich. S. A. Dzharygasov. Zhur infercial apid 1 immur. 33 no. 6:130-133 Jo. 82

COMMUNICABLE DISEASES (Continued)

COMMUNICABLE DISEASES (Continued)
[Mulitivolume manual on the milet obiology, clinical aspects
vid epidemiology of infections diseases.] Minogotominoe
rukovodstvo po miletobiologii, klinike i epidemiologii
infektsionnykh boleanet Moskva, Meditsina
Vol. 10 Studnitsin, A.A., ed [Historical essay
on the microbiology, epidemiology and clinical
aspects of infections diseases, mycooses and discases of unexplained citology. Istoriche skil
ochest militophiologii, entimalesti klinik in ocherk mikrobiologit, epidemiologit i kliniki in-fektsionnykh boleznel, mikozy i bolezni s nevy-lasnemoi etiologiei Red kollegiia X toma A, M, Arlevieh i di 1866 801 p (DNLM)

Nonspecific immunity in children A V Mashkov Vest AMN SSSR 17 no 10 68-75 62

COMMUNICABLE DISEASES—BIBLIOGRAPHY see Bibliography—Communicable diseases

COMMUNICABLE DISEASES—CLASSIFICATION

Scientific principle of Classification of infections diseases in man V D Beliakov Zhur mikrobiol , spid i ingrum 13 no liti31-136 N '66

COMMUNICABLE DISEASES-PREVENTION

V. I I enin in the diganization of infectious disease con-trol B. M. Potulov Zhur mikrobiol reptd i immun 33 no 6-3-7 Je ¹⁶²

COMMUNICABLE DISEASES IN ANIMALS

1 juzcotte Salmonalla infection (Salmonella typhimui ium) in pedigreed pigeons 1. A Khiustali va Zhin miki obiol , epid i immum 33 no 6 % J. 162

Epizootic situation with regard to the most important infections discuses of annuals. IU N Goloshchapov, A P Zotov. Veterinarda 13 no 12 93-96 D 166,

COMMUNICATION AND TRAFFIC-ACCOUNTING Sec subdivision under Talar A, S S R

COMMUNISM

(see also subdivision under Soviet Far East; Transcaucasia)

The all-conquering power of communism. M Andreev. Mal. komm. no 11,21-30 N 161.

The basic economic law and the problem of improving the efficiency of social production. V. M. Agerv. Uch zap. Mord, gos un. no 48:227-247 165

The building of communism and the world revolutionary process. Kommunist 13 no 18;3-12 D '66 Discussing the book "the building of communism and the development of social relations "E I, Godun-skaia Vap, filos 20 no 18 13-139 '66

Feonomic laws of socialism A. Pashkov Plan, khoz 43 no 19-19 Ja 167

50 years which changed the world. Dyson Carter. Nov. vien. 25 no. 143-5 Ja 467.

In the light of Marxism. V. Milkovskii. V mire knig 6 no. 10.7 O 166.

Influence of the building of communism in the U.S.S.R. upon the progress of the human race M.D. Soloviev Trudy I.P.I. no. 261;113-125-166

Kiscley, V.P. [The inspirational power of the ideas of communism] Vdokhnovliatushchata sila idei kommunizma. Gor'kli, Volgo-Vlatskee izd-vo, 1965. 63 p.

(MC)

Kuleshov, V.V. [Characteristics of the operation of the economic laws of socialism and their use, a lecture economic taws of sociation and use, a fecture delivered at one-year higher economics courses] Osobernosti deistvita ekonomicheskihl zakonov sotsializma i ikh ispol'zovaniej lokteila, prochitannaia na vysshikh godichnych ekonomicheskikh kursaklu. Shakhty, Vysshie godichnyc ekon, kursy rukovodlashchikh rabotnikov ugol'nol promyshi., 1966, 35 p.

[MICROFILM]

Kurganov, I.A. [The strategy of communism; report to an entarged session of the Committee for Rights and Liberty in Russin] Strategila kommunizma, doklad na rasshir ennom zage tanit Komiteta za prava i svobodu v Rossii, [Paris] Komitet za prava i svobodu v Rossii, 1061, 35 p. (CoU)

The most pressing problem of our time. V. Tereshkin. Mai. Komm. no 3:8-14 Mr '61

Mni. komm no 3/8-14 Mr '61

Plmenov, A.A. [Cognizance and use of the economic laws of socialism, a lecture delivered for students of higher economics courses] Poznanie i ispol'zovanie ekonomicheskikh zakonov sotsializma, lekteila, prochitannaia dila shushatelei vysshikh ekonomicheskikh kursov. Novocherkasski politekhn, in-t, 1966, 22 p.

[MICOGN M]

[MICROFILM]

Present-day stage of the world revolutionary process, H. L. Nikolimgrov Ukr.ist, zhut. 10 no.12 74-85 D 166.

Hostovskii-na-Donu gosudarstvemnyl pedagogicheskii in-stitut. Kafedra nauchnogo kommunizma. Problems of scientific communism Problemy nauchnogo kommuniz-ma. Rostov-na-Donu, 1966. 145 p.

Same laws and phases of the development of the com-munist socioeconomic formation. A.M. Kovalev. V Mosk. un. Sci. 8: Filos. 21 no. 5:3-13 S-O 166.

1) tumph of the 1de as of the October Revolution, Kommunist 43 no 23-13 1 657,
Ward, Barbara, [Tive ideas that change the world] Trans-lated from the English] Plat's def, kotorye meniaint mir.
New York, F.A. Praeger [1961] 189 p. INICi

Zerkin, D.P. [Sources and moving forces of the develop-ment of socialist society] Istochniki i dvi/ hushchie sily razvitila sotsialisticheskogo obshchestva [Rostov-na-Dona] Ld-vo Rostovskogo univ., 1906. 244 p

COMMUNISM-BIBLIOGRAPHY see Bibliography-

COMMUNISM-STUDY AND TEACHING

In the light of the new readence program V P. Brue-vich, IU F Davydova, G. I Zlokarov. Vest. vys shvoty 24 no 12,63-67 D 166

Russia (U.S.S.R.) Upraviente prepodavanila obshchest-vemykh rauk. Recommended subjects for tests papers on scientific communism for correspondence schools of higher education, correspondence faculties and deof ingar education, corresponding a facilities and departments of universities] Primer and fematika kontrollyskh tabot po kursu nauchao koumuunzma difa zaochnykh yashikh uchebnykh zavedonit, zaochnykh (dłul'teloviodelenit vuzov Moskva, Mysl', 1966, 30 p.

COMMUNISM AND ART

lofty ideology and milistic craftsmanship are the great strengths of Soylet litriature and art; Comrade N. S Khrushchev's speech at a meeting of party and government leaders with literary and artistic figures on March 8, 1963. Nov. mir 39 no. 3:3-33 Mr 63

historical and theoretical sketches | Londoskala partitions! I realizm v iskusstve, istorika-teoretic heskie etiudy Moskva, Sov Fluxdozhnik, 1966 293 p

COMMUNISM AND LITERATURE

of Mandred Annual Britain Confirmanship are the great strengths of Soviet literature and art, Comrade N.S. Khushchev's speech at a meeting of party and govern-ment leaders with literary and artistic figures on March 8, 1963 Nov mir 39 no 3,3-33 Mr 463.

COMMUNISM AND RELIGION

Communism and religion, P. Rolodnitskii, Agitator no 16 58-61 Ag 162

COMMINISM AND SCIENCE

Ponderli, V.I. [Marxist-Leninist philosophy and the exact sciences] Marksysta ko-tenins ka filosofila i konki etni nauky Kyiv, 1963–37 p (Tovarystvo "Znannia" Ukrains koi RSR Seriia I, no. 19)

COMMUNISM AND SOCIETY

Work of the party in forming Communist social relations V.S. Semenov. Vop 1st, FPSS 11 no 1 97-108

COMMUNIST COMPETITION

(woosed tobal molety) the seak sos)

Competition of the communist labor collectives and shock workers. V. M. Kosachev. Uch, zap, Kaf. sov. ekon. V35, part. abkoly. no. 3.92-98. 164.

COMMUNIST COUNTRIES-ECONOMIC CONDITIONS [Economy of socialist countries, 1985] Ekonomika sotsializma, 1965 god. Moskva, Ekonomika, 1966

COMMUNET COUNTRIES-FOREIGN ECONOMIC RELATIONS

Economic laws of the development of the world socialist aystem. IU. Shirtlacv. B. Ladygin. Kommunist 43 no. 1:91-102 Ja *167.

Strengthening the cooperation and mutual aid of socialist

countries is the reoperation and mutual aid of social countries is the basis for the further consolidation of world socialist system S. Plaksin Vap eken no, 17:111-120 D '66

Trade between the East and West. IU, Shipov. Merh-dunar zhizni 14 no. 1:141-146 '67.

COMMUNIST COUNTRIES-FOREIGN RELATIONS-EUROPE, WESTERN

Stepping into 1967. Mezhdunar, zhizn' 11 no. 1:3-10 167,

COMMUNIST EDUCATION (see also subdivision under Estonia; Moscow;

(tkraine)

Communist convictions are distinguishing traits of V.1 Lenin's disciples L Kotov Mol. komm. no. 4-18-26

Conducting study groups for propagandists in districts L. Berchshtein. Komm Ukt. B no 12 67-70 D 166 District study groups are an important form of education of propagandists. V Fedorov Komm Ukt. 41 no 12 71-13 D 166

Educate the rising generation in the spirit of communism. Sov pedag 30 to 63-10 Je 166.

[Fighters of the ideological front, sketches of the educators of the new man] Boltsy ideologicheskogo fronta; ocherkt o vospitateliakh novogo cheloveka, Tula, Príokskos kutzimos tzd-vo, 1964. 205 p. (CSt-H)

ideological and political training of the technicians and neorogic in an political in prerivolutionary schools duri-the first five-year plan LI Brobskit Trudy I Pl no 264 65-79 468

Kalinnikov, T.G. [Training of cultural workers in a com-munist attitude fowards labor] Vospitanie kommunisti-cheskogo otnoshenira k inudu u labonikov kultury, [Mostva] Profizicki, 1966, 63 p. (Bibliotechka prof-soluznogo aktivista, no.36(156))

Mamoslov I. S. [Factory and plant local committees and the communist education of the workers] FZMK I kommunisticheskee vospilante trudiashchikhsia [Moskva] Profizdat, 1965, 94 p. (Bibliotechka profesiuznogo aktivista, no.3(99))

(MII)

Some problems concerning the communist education of youth during the building of communism. Kh IA. Khabinutin. Trudy LPI no 261:87-93 '66

We must bring up extizens, patriots, and soldiers, V Golovkin Komin Ukr 41 no 1/19-26 Ja 167

We must pay more attention to the training of students, P Panchenko Komm Uki 41 no. 184-86 Ji 167 Why do ve talk about ourselves? P. Sidorov. Agitator 34 no. 1.62 Ja 167.

COMMUNIST ETHICS

About the good and tauth. V. Sagatovskii. V mire buig 6 no 10;8-9 O '60.

Communist moral education and Soviet anthropology Vop. anti. no 13-0 160

Establishing the objective indicators of motal progress, 1,1, Titarenko Vest, Mosk, un, Sci. 6 Pilos, 21 no, 5 21-33 S-O 166.

Ethica and the individual, A.Shishkin, Kommunist 43 no. 1773-84 Ja 467

Kalits, Johannes. [Friendship knows no boundaries] So-prus el tunne pitre Tallinn, Desit Raamat, 1966. 68 p. [In Estonian]

Rulikova, N. N. [Content and criterion of moral progress, a study in the field of philosophy and ethics] Soderzhanie i Litter ii neavstvennogo progressa, opyta filosofskoeticheskogo isstedovanija problemy. Moskva, Mysi', 1966. 35 p.

Propaganda of the demands of the moral code and military regulations. D. Sorokin Komm, Vooruzh Sil 3 no 10: 23-27 My '63

The Standard of moral goodness IU, Peofanov Agitator no 16 H-13 Ag '62

COMMUNIST LABOR see Communist competition

COMMUNIST NEWSPAPERS see subdivision under Germany

COMMUNIST PARTIES

The basis of unity of the Communists of the world; on the analyse on the Morrow conferences L.Gri-gor'ev, V. Polianskii. Aguator 34 no 23 20-23 D '66

Strength of the labor movement lies in the unity of its members. D Boltshov Mol.komm. no 4 27-34. Ap. 161

Tactics of the struggle of Communists against monopolics of the capitalist state. V.7agfadin, A Chemisov. Romanunist 13 no 18,25-38 D 166.

The views of foreign communist parties on the unitary and federal form of the state. R. L. Manchis. Trudy TashGU no. 202:5-21 '66.

COMMUNIST PARTIES—BIBLIOGRAPHY see Bibliog-taphy—Communist Parties

COMMUNIST PARTY See subdivision under Bulgaria; Estonia; France; Great Britain; Hungary; Mongolia; Poland; Spain; Ukraine, Western)

COMMUNIST PARTY OF THE SOVIET UNION (see also sundivision under Abkhazia; Anna District; Estonia; Kharkov Province; Tashkent; Tiraspol¹,

Brief news. Vop. ist, KPSS il no. 1/151-156 Ja 167.

Development of Lenin's theory on the party in the program of the CPSU and documents of its 23d Congress. G.1 Shitalev Vop. ist. KPSS 11 no. 188-97 Ja 167. Historical party memoris F Zhevakhov, Komm. Ukr 41 no. 1:58-63 Ja '67.

Kotolev, B. I. [The party - inspirer and organizor of the victory of the Great October Socialist Revolution, March-October 1917] Partila - vdoklmovitel' i organizator pobedy Velikol Oktiabriskoi sotsialisticheskoi tevollutsii, mart-oktiabr' 1917 g. Moskva, Izd-vo polit. Iit-ry, 1956. 84 p. (Uchebno-metodicheskie posobila k izuchenlin istorii KPSS) (CaOTU)

(CACTU)

Party of ganizations and the aconomic reform, F. Labeev. Kommunist 43 no. 1:37-46 Ja *67.

[Party's offerts to consolidate and develop socialist society. Strongthening of the country's defenses, 1037-June 1941; consultations and methodological advice]

Partita v bor'be za uprochente i razvitie sofisialisticheskogo obshehestva. Usilente oborony sit any (1937 god - liun' 1941 goda); konsul'tatsii, metodicheskie sovety. [Moskva] Mosk, rabochit, 1962. 165 p.

(V pomoshch' izuchalushchim istoritu KPSS, no.14)

COMMUNIST PARTY OF THE SOVIET UNION (Communed) Sirating or i tactics of the CPSU mith haric phase of its triggle for community S.H. Findler. Withit short 10 to 11 65-77 N box

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COMMUNET PARTY OF THE SOVIET UNION-COMGRESSES

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COMMUNET PARTY OF THE SOVIET UNION-MEMBERSHIP

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The organizational and political work should contribute to the solution of new tisks. Komm Uni. 41 to 1 10-18 14 167

[Organizational party work, questions and answers] Organizatsionno-partitnaia ratota; voprosy i otvety Led 3 , perer i dep Moskva, Politizdat, 1967. 190 p

Organs of the party control of governmental agencies and the Societ press. O. A Pozdniakov Trudy LPI na 261 80-8h *66

Our deputies So. shallt 12 no 4:15-18 lp 463

Propaganta at Industrial enterprises and technological progress F Shehepetov Frudy GISI no 46 101-127 '83

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Recommended themes for lectures, reports, and tall's, Agitator 34 no 1.5 Js '67.

A scientific approach and businesslike methods are the most important characteristics of part, leader-ship, E. Bugacy. Part zhizn' no.1 11-18 Ja '87

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V.I Lenin on propaganda at industrial enterprises K Parlycheva Trudy GISI no 46:71-82 '63

V.I. Lenin on relationship between party propaganda and the facts of life V Dobrokhoto: ""udy GISI no. 46.5-

COMMUNIST PARTY OF THE SOVIET UNION-DORTRAFTS

[Portraits of members of the Presidium of the Central Committee of the CPSU] Portrety chlenoy Prezidiuma TSK KPSS. [Leningrad, Khudozhnik RSFSR, 1965] 12 plates (in portfolio) (CSt-H)

COMMUNET STATE

I state born of the October Revolution I, Kositsyn, Agitator 34 no 21 6-10 D 166

COMMUNIST STRATEGY

Filippova, A.P. [Marvist-Leninist characteristics of the contemporary period] Marvistsko-leninskala kha-rakteristika soviemennol epokhi, [Saratov] Saratov-skii furidicheskii in-t, 1964, 159 p.

COMMUNIST YOUTH age subdivision under France

COMMUNIST YOUTH LEAGUE (see also subdivision under Bashkirla; Bukhara; Latyla; Sevastopol; Soviet Central Asia; Tracspaikalia; Tuva A.S.S.R.)

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Let us carry out the decisions of the party! Mol. kommino 3 3-7 Mr ** 161

Let us enlarge the rights of control committees. N. Shtreis Mol komm no. 11 98 N 161

[The man who stopped the mountain] Chelovek ostanovil goru. Moskva, Pravda, 1967. 79 p. (Biblioteka "Kom-somol'skol pravdy," no.1)

A page for propagandists. Mol. komm. no. 3 78 Mr. 161, "Prozhektorists" surprise inspection, A. Stylsyn Sov potreb koop 10 no 12:17-18 D 165

The Statute of the All-Union Leninist Communist Youth Lague, the law of the internal life of the Communist Youth League A. Lizielev Komm Vooruzh, Sil 3 no 10 64-70 My 163

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What is the order of admittance to the All-Union Leninist Communist Youth League? Komm Vootuch 511-3 no 10:81-85 My '63

Your school, your factory, and the assignments of the Komsomol I. Khazan Mol komm, no 11 95-96 N 161.

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Community and shopping center in a microdistrict.

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COMMUNITY CENTERS-DESIGN AND CONSTRUCTION Chubs for rural settlements. R S Belyi and others Stroi i arkhit Uzb 7 no 11:31 N '56

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Complement fixation reaction to group A coxsackle viruses and methods of preparing entigens V. N. Smirnova. Z. F. Zubova. N. V. Izotova. Vop virus II no 6:671-675 N-Q '66

Complement fixation reaction with milk for the detection of brucellosis in vaccinated animals. A I.Gromyko Veterinarila 43 no. 11:26-29 N 166.

Complement fixation test with dried serums in diseases caused by fungi and yeasts, T. A. Demchenko, Vest, derm. i ven. no. 12:51-53 '62.

Serological survey of children in Moscow in 1982 for antibodies to poliomyelitis viruses M.K. Vorcabiliova and others Vop. virus 8 no. 4.404-409 Jl-Ag 183

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Complexing of Getracyclines with different composite blood secum. G.14 Klyman, R. P. Porth Science V V Kosol (pova – Vop. med. khlm. 12 no. 6,564-567) S.

D 466. Spectrophotometric study of complex formation of his a governamounter range is compare to matter of its indifferent (III), needs spirit (III)

Thermogration trie study of complet compound of a better the alleafold base. D. D. Berand and other Dokt, AN Tad h SSR (9) no. 12 (24) 27-266.

Zhellgovskala, N.N., and I.I. Chermlacy. [Chemistry of complex compounds] Khimita komplekenykh assatir oli Moskva, Vysekata shkola, 1968—387 p

COMPLEX COMPOUNDS-SPECTERA

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[Composers] Union of Azerbaijan] Soluz kompozitorov Azerbaidzkina. Baku, Azerbaidzkanskoe gov. kil-vo. 1005 122 p.

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COMPRESSED AIR-THERMODYNAMICS

Temperature limit of compressed air expossion to proumatic machines. V.D. Zinnyich. Zap 1,61 +1 no 3.75-76 '61

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K380-101-1 centrifugal compression— В. Р. Магулог Energomashinostrocate (I no 8:40 Ag '62

Pressure losses due to the suction of air through an immobile axial flow compressor. I I fadding 1 d Rabinovich. Sudostrocate 56 no. 11.34-26 (66)

Pumping machinery and compressor equipment Inter-bul, VDNKII no. 8:4-5 Ag 162.

Vedernkoy, M.1., and I. V. Rudol., Handbook for the operators of compressors and pumping machinery in the chemical industry. Mashinist kompresson myk it nasosnykh ustanovok kinimicheskul promyshlomesti, 12d. 2. tany. Mashinish Kompressors. Izd.2., ispr. Moskva, Vysshnia shkola, 1965. 386 p.

COMPRESSORS—COOLING

Choice of an optimal surface for intermediate coolers of compressors K.I. Roznikovich Luczgewonkliwalica-nie 8 no 8;5-8 Ag '62

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Effect of aggregates on properties of concrete, V N Punagin Strol ratkint Uzb 6 no 4 12-11 Ap '65. Pricets of moisture content on strength of controls nt various rates of loading. III M Bazhenov Bet i zhel. bet 12 no 12 19-20 D '66

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Use of limestone aggregate for high strength concrete, A. L. Kalishuk, V. N. Griniuk, Vod. khoz. no. 4:172-178 '66.

CONCRETE—CORROSION

Problem of increasing lifetime of buildings undergoing acid corrosion. V K Gorodetskii. Prom stroi. 44 no 11 31-37 '86

Problem of lengthening life of reinforced concrete smoke-atacks B.D Prinker Prop Stroit 11 no 11:37-39 '66

Study of resistance of concrete and reinforced concrete structural elements of mineral fertilizer storage bins, A.P. Cheshov, V.P. Mitrokhin, 1zv. vys. ucheb. zav., strol. i atkhit. 9 no 967-71 '66.

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CONCRETE-HARDENING

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Rapid building of chambers for fire-preventing stations. 1, E. Klind, G N Berezin Shabit stror 10 no 11 19-20 N '66

Recommendations of the Sixth Conference on Concrete and Reinforced Concrete (to be continued) Retained that 12 no 12 10-43 D '66

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CONCRETE PILING

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Magnitude of stress acting on avial beam reinforcement at point of intersection with diagonal crack, IU.L. Izotov. Izv. vys. ucheb. zav.; stroi, i ar khit. 9 no. 9;

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Stress losses in the reintorcement of prestressed elements of hime concrete R V Popo-RCANIMS no 24 18-27 '62

Study or the anchoring of high-strength ware in fleved chement in the from fine grained concrete. I. V. Mikhailor, P. M. Gorcelmeskii. Trindy NHZHB no 20 H1-125 '61

Soudy of the bond of wire reinforcement with concrete in vibration rolled acticles 4, A Syrtov Trudy NHZHB no 20126-111 [61]

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Overloads and power losses in condensers in presence of upper harmonics. S. K. Medvedev Elektrotekinika 37 no 1245-48 D *66.

CONDENSERS (ELECTRICITY)-STANDARDS

Temperature stability of the capacitance of different design forms of standard condensers A. L. Grokhol-skii, B. L. Kashcheev, N. F. Shmollov, Aviometrifa no. 3:19-25 '06.

CONDENSERS (STEAM)

Analytical method for determining economically optimum characteristics of the condensing units of turbine systems D. M. Budniatskii. Energomashinostrocale 8 no 8:22-26 Ag '62

Comparative data on the values of experimental heat transfer factors in condensers. G. V. Nikolacv. Energomashinostroenie 7 no. 1:15-18 Jn '61.

Selection of material for condensor tubes with freshwater cooling. L.D. Berman, E.S. Glazburg. Elek stn. 37 no. 11:23-30 N 466,

Condensers (Steam)—design and construction

Problems in the thermal calculations of steam turbine condensers. L.D. Berman. Energomashinostroenie 7 no. 1:18-22 Ja 161.

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 Dynamics of the interaction of conditioned responses to relative and absolute indications of the stimulus depending on their reinforcement RI, IA, Zakher Zhui vys nerv detat 13 no 4:546-551 Jl-Aq '63
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- Effect of bilateral destruction of the anterior and orbital Effect of bilateral destruction of the auterior and orbita sult of Selvius on food (secretary-motor) conditioned reflexes in tiogs V N. kovalenko, Zhur, vys. nerv. deiat, 12 no 3 508-516 My-Je 162. Effect of conditioned reflex stimulation of the automatic ipilicarpinel salivation, S.L. Levin, A.J. Makhtinger, Zhur, vys. nerv deiat, 12 no, 3 457-464 My-Je 162.
- Effect of lighting on conditioned reflexes in dogs with various types of higher nervous activity. N. E. Mikhneva, Zhur, vys. nerv. deiat. 12 no. 3-517-520 My-Je 162,
- Effect of mercaptophos on conditioned reflexes and on the cholinesterase activity in cats. IU.S. Kagan. Zhur vys.nerv.deiat. 12 no.3,530-530 My-Je '62.
- Elifect of nicotine on the development of food motol reflexes in white rats of different ages M. N. Liftuchev. M. IA. Alikhelten. Trudy LPMI no 32-80-86 '65. Electrical activity of the cerebral cortex in rabbits during pairing the action of sound with rhythmic light G. Apostol. L. G. Voronin Zhur sys. nerv deist. 13 no 4: 699-704 Jl-Ag '63.

- Pleatrical indices of the dynamics of neural processes in the parteral context of the context during the "non-active" phase of the trace conditioned response. B. I n. Kn Zhui vya neiv deiat 13 no 1:658-665 J1le '63
- Electrographic manifestation or internal inhibition in the medulla ollongata, mesencondulla and cerebial cor-tor of logs to sound stimuli of various intensities F.5. Naumova Zbur vys neiv defut 12 no. 3 100-104 My-Je 182
- Electrophysiological studies on the formation of temporary connections V S. Rusinov Zhur vys nerv defat 12 no 3/110-417 My-Je 162
- Elementary temporary connections produced by the association of electrical stimulation of various cerebral structures IU, M. Ul'ianov. Zhui, vys. neiv dent. 12 no. 3 540-546 My- je 162
- Formation of conditioned food reflexes to moving objects in dogs N P. Muravieva, Zhur, vys, nerv detat. 12 no. 3 500-507 My-Je b2.
- Functional characteristics of conditioned motor reactions in man in relation to their place in the strrotype M. P. Livshits Zhur vys nerv derat 13 no 4,610-618 Ji-Ag 163.
- Intensification with cholinolytic agents and weakening with eserine of disorders of conditioned response induced by phenamine E. L. Shchelbunov Zhur vys nerv delat 13 no 4-740-717 Jl-Ag '68
- Interaction of the galvanic skin reaction and conditioned response in man during the process of tor matter of a system of conditioned motor response E P. Siran Zhur vys nerv deiat 13 no. 1 1819-625 JI-Ag 163
- Intersignating relations in various functional conditions of the thyroid gland G. IA. Korneev Zhur. vya, nerv. detat. 12 no 3 443-449 My-Jc 462.
- Localization of function in the cerebial cortex in 1 sts Report No. 2; Conditioned response activity in 1 sts after excision of the cortex of the occipital lobes. Dang-Tkin Bill.eksp biol i med 55 no 6,19-24 Je 453
- Methodology for the production of experimental neuroses in small lateratory animals, T. D. Dzidziguri, Zour, vys. nerv delat. 12 no 3 567-568 My-Je 162.
- Monification of vasomotor and secretory conditioned and unconditioned reflexes in acute radiation suchness in dogs. D. A. Winskii Zhar. vys nerv detat 12 no. 3-521-529 hly-je 162
- Pharmacology of conditioned reflexes, S. V. Anichkov. Zhur, vys. nerv deint 12 no 3:391-398 My-Je 162
- Physiology of higher nervous activity and work processes S. A. Kosilov. Zhur, vys. nerv. deiat 12 no. 3:381-370 15-Je 162
- Problem of neuroses induced by the movement method T A. Mering. Zhur, vys. nerv. deiat 12 no. 3, 181-488 My-Je 162,
- Récent data on the characteristics of the specificity of seconding activations, P. K. Anobhin. Zhin vys nerv delat, 12 no. 3:379-390 My-Jc 162.
- Selective ascending activation of the anterior segments of the enciral cortex as a functional basis of alimentary reflexes K V, Sudakov, IU, V, Uryvaev, Fiviel, 2hur, 48 no 10-1170-1177 O (82,
- Significance of the duration of conditioned signal action in interoceptive reinforcement, L.V Itina, Dokl. AN BSSR 6 no 8:531-533 Ag :62
- Sue of formation and functional principles of conditioned Site of formation and functional principles of conditioned connections E.A. Assatian Zuur. vys. nerv delat 12 no 3;371-378 My-7e '62 Some characteristics of a complex conditioned reaction in chronic alcoholism K.S. Ratner Zhur. vys. nerv. defat 13 no 4;593-693 Jt-Ag '63.
- Spatial analysis in hamadryad behoon young following the simultaneous excision of the visual, olfactor y hearing and vestibulary apparatus V. I. Korolev Zhur. vys. nerv detat 13 no 4.652-657 Jl-Ag 183.
- Spatial analysis of the bioelectrical activity of the brain, M. N. Livanov. 2hut, vys. nerv deint, 12 no 3:399-409
- Summation and accommodation instimulation of the cortical motor region in adult and newborn animals. D. P. Ma-tiushkin Biul. eksp. biol. i med. 55 no 6:3-8 Je '63.

CONDUCT OF LIER

- A dialogue with life. V mire knig & no. 11:20-21 N 188. The face of the epoch. O. khaliletakala, V mire knig
- The feeling of friendship. V. Rosman. Part. zhizni no. 1: 81 Ja 167.
- Scharfe morgo sovremennika. Moskva, Politizdat,
- A part of poetry. A. Kurilov. V mire knig 0 no. 12.
- People are their "stars." A. Klimov, V mire knig 6 no. 10:22-23 O 486.

CONDUCTOMETRIC ANALYSIS

- Amperometric titration of trivalent vanadium with tiron solution. I. A. TSerkovnitskala, M. F. Grigor eva. Zhur. anal. khim. 21 no. il 1395-1398 '66.
- Conductometric method for determining the total hardness of water. G. B. Pasovskaia. 12v AN Turk. SSR. Ser. fiz. -tekh., khim, i geol. nauk no. 2-108-110 '61.

- Determination of head groups in lightness by income of $14\mu^{\alpha}$ frequency conductions try (V,δ) Regulators (0,0) try (1,0) novakata. Zhin anal khim (21) no $(0,1)^{\alpha}$ ($(1,1)^{\alpha}$) $(1,1)^{\alpha}$
- Determination of letraval of independs by he had peteriorated collonetry. If I Stemma, R.A. happer P.R. Agastan Zhur, anal, khim 21, no 11 (49) [100]
- Pffect of rotation or electrodes on the hhape of a corn-There of rotation or electronical in the miles of a colvi-in Amperometric titration with two miles that the citradia A L.F. Hunko, Zhur anal, khim 21 no. 13 (49) (19)

CONFORMAL MAPPING

- Numerical method of conformal representations of 1976 connected and aufficemented area is read in triplication metrical flucture political (1971). If Pethodox Jeonthe napria (6 m., 1974) 787 (65)
- Municipal method for determining a conformal map, for function | Z | V Samuontia | Triady Vych (term) + V_C | Gree SSR | 3/227-226 | 9/2,

CONGLUTINATION

New method of conglutination reaction for the date that I group factor Gy in human blood M 1 Petapov. 1 a. delo no.1,7-9 %7.

CONGO (KINSHASA)—POLITICS AND GOVITHMUN F

New trends in the Congo. III. Bochkarov, Nov. view. 25 no. 2 12-14 $J_{\rm A}$ '67,

CONGO (LEOPOLDVILLE) see Congo (Kinshum)

CONGRESSES AND CONVENTIONS

[Bulletin of international scientific meetings, conferences, and congresses] Diul, merhiumn, nauch, recd., konf. i kongr. no. 10–166.

CONGRUENCES AND RESIDUES

Golfond, A.O. (Residues and their applications) Vy. 1.1, 1 ish prilozbenila Monkva, Nauka, 1986, 110 p

CONJUNCTIVITIS

tise of continuous and ACTH in spring caterric and in its conjunction with machenia R.A.AHzado A cib. a 250 - 20 9 33 78 Ag '6'

CONJUNCTIVITIS, GRANULAR

Treatment of trachoniatous panning with cortingue and Ira effect on the From sek-Halbershadter corposeter, L. Afleva, Azreb, med, that 10 no. 3 14-36 Mr. Oct.

Conjunctivitis, granular—micropiology

Study of nucleic acids as stimulants of it achieves and paratrachona. Quantitative chur act machena moi paratrachona. Quantitative chur act maternation of intesta i dynamics in ovo and nucleotide composition of no part and infected yolk membranes. A.A. Shatkin, S.R. Beskim. Vop. vicat. Il no. 5-588-583. S-O. 166.

CONNECTIVE TESSUES

Cytospectrophotometric and autoradiographic stud, if DNA nuclet in mast cells of loose connective the or N.G. Khrushchov, N. I. Komarovich - Hold AN Unit 171 no. 2 169-170 N. 166.

CONSCIOUSNESS

- Characteristics of drowsy consciousness. A. M. khaltt-skil. Vop. psikhol. 13 no. 6:103-110 N-D 46s.
- Conception of interiorization. P.1A. Gallperin, Verpalkhol, 12 no. 8/26-32 N-f) '66.
- Problem of learning and development in 1, 5, VygotyMi's works. D. B. El'konin. Vop. puikhol. 12 no. 613 11

CONSTRUCTION EQUIPMI:NT (see also subdivision under Moscow)

- Bring practices displayed at Exhibition of Achievements of the National Economy into use in construction 270, stroi, no. 10:30 [66].
- Compressed wood used in the units of countraction is a shines and industrial equipment. J. P. Nagarasako Strond der mash. A no 8:15-17 Ag 16:3.
- Improve the supply of materials and equipment to construction projects to meet new tasks. Dron. strot. 8 no. 12:18-50 D 48.
- strol. 8 no. 12:18-30 O no.
 Indices for the comparison of type sizes of construction machines D. A. Lozovol Strol. 1 der transh U no 81 4-6 Ag 63.
 Libermanis, L. [Building is constructed from the floor up] Coltne top uz gridas, Riga, Lioma, 1966, 24 p. diagra, insort (Zint un prott) [In Latvian]
- Machinery for power systems construction fanenko. Energ. stroi. no. 8.59-51 188.
- Principal trends in mechanization and automation of construction, N. G. Domin ovskii, Energ. strol. no.?, 51-54 166
- Raising energy efficiency of building machinery, V.M. Geno 12v. vys. uchob. 2av.; stroi, i arkbit. 0 no. 9; 118-119 106
- Suggestions from the Far East. Na. Strol. Ros. 7 no. Nr
- Using stray-radiation radionctive pickups in automatic control systems of construction and road machiner. I. IA. Rusinov. IU. K. IAkhontov. Stroit dor. manh 8 no. 8:18-21 Ag '89.

CONSTRUCTION EQUIPMENT-EXHIBITIONS

- Equipment for organizing assembly monters on the job Mont 1 spets rab visitor, 28 no 12 25-26 D 466
- Machinery and equipment for farm construction, Sell, stroit 16 no. 11 20-21 N '61,

CONSTRUCTION EQUIPMENT—HYDRAULIC DRIVING

- Fifect of basic parameters of the hydrautic drive on the economic effectiveness of construction machinery R. M. Pasynkov. Stroit dor, mash. 8 no 6 9-11
- Stanlard series of hydraulic torque converters for construction and road mathinery S.P. Stesin. Stroit dor.mash. 8 no 67-8 to 163

CONSTRUCTION INDUSTRY

- (see also subdivision under Adler District; Chelyabinsk Province; Europe, Eastern, Kaluga; Kazakistan, Len-ingrad; Leningrad Economic Region; Moscow; Marmansk Economic Region; Moscow; Far East; Tatar A.S.S.R.; Volga Valley)
- Build rapidly, well, and economically Strol i arkhit no 8 insert Ag '63
- Builder's day Mont (spets 10b v strot 25 no 81-5 Ag 163
- Consultation Transpistroi II no 12 57 D 161 Did you know that ... Sell stroi, 16 no 11:31 11 '61.
- For new frontiers in rural construction, Self, stroi. 16 no. 11 2-2 N 161,
- In Ministry of Construction of R. S. F. S. R. Na, Stroi, Ros. 7 no. 11:30 N $\,^{16}6_{\circ}$
- In State Committee on Construction attached to Ministry of Construction of U.S.S.R. N1, Stroi, Ros. 1 no. ii: 31 N '66.
- In State Committee on Municipal Construction and Architecture attached to Sinte Commutae on Construction of U.S.S.R Zhill strot. no 10 31 '60 In the Board of the Ministry Transp stroi II no. 12:57-
- 59 D 161
- In the State Committee on Construction of the R.S.F.S.R. Na stroi, Ros. 4 no 10 30 O 163,
- In the State Committee on Municipal Construction and Vichitecture attached to the State Committee on Construction of the Council of Ministers of the U.5.5 R Arkhut, SSSR no. 12-62-465
- In the State Committee on Municipal Construction and Architecture attached to the State Committee on Construction of the Council of Ministers of the U.5.5 R Archite SSR no.8,61-466
- In the Technical Council, Transp. stroi, 11 no 12 59
- Rewlers Letters. Sell. stroi. 16 no. 11/11 N 161. Special item exhibitions and displays. Informabidal VDNKH no. 8 27-28 Ag 462
- Special lieur exhibits and displays; construction industry, Inform, bint VDNKH no 0 21-25, 8, 462
- Wint they argue about in the arbitrage, 5, Piastunavich, Fron stroi, 8 no 129-12 D 166
- Work achievements of rutal construction workers, Sell, stroi, 16 no. 11 3 N 161,

CONSTRUCTION INDUSTRY—ACCOUNTING (see also subdivision under White Russia)

- Centralization of accounting for labor and wages. 14. Zarozniaev, M. Rozenberg. Bukhg, uchet no. 11: 30-12 N *66.
- Peonomic accountability by crew in construction organiza-tions of the transportation industry, M. G. Shraibman Transp. strot. 11 no 11/38-10 N '61.

CONSTRUCTION INDUSTRY-AUDITING AND INSPECTION

- Comprehensive analysis of the economics of building production. G. Zavislov Ekon strot 8 no 12:53-57 D '66.
- CONSTRUCTION INDUSTRY-BIBLIOGRAPHY see Bibliography-Construction industry
- CONSTRUCTION INDUSTRY-COMMUNICATION SYSTEMS
- Kubenko, G.D. [Dispatcher frequency] Dispetcher-tadiovolna, Leningrad, Stroitadat, 1986, 58 p. (Nauchno-populiarnala serila)
- CONSTRUCTION INDUSTRY-COSTS (see also subdivision under Bashkiria; Kazakhstan; Moscow; Nizimiy Tagil)
- Modeling relationship between cost of an apartment and its space. B Kolotikin Arkhit SSSR no 7:24-27 '66
- CONSTRUCTION INDUSTRY-EQUIPMENT AND SUP-
- Stock buildings for assembly workers L.S. Lifshits, Mont. I spets, rab, v stroi. 28 no. 12:10-22 D '66,
- Worldwide review of industrial achievements, S.I. Ibragimov. Stroi, I arkhit, Uzb 6 no. 4.1-3 Ap 165.

CONSTRUCTION INDUSTRY-FINANCE

- Financing of construction should be continuous. S. Voi ontroy. Fin. SSSR 40 no. 11:50-53 N '66.
- Guidelines for problems of computing estimated costs and for calculations of completed construction and assembly operations. Na. Stroi. Ros. 7 no. 11:32 N

- Improve payments for construction and assembly work—P D Podshi alenko Uch zap Kaf sor akon Vvs part shkoly no 3 121-131 164
- Increasing control over the corrying out of preliminary work, 17kon stroil 8 no 12 64 D 166
- CONSTRUCTION INDUSTRY-INFORMATION SERVICES see subdivision under Volga Valley
- CONSTRUCTION ENDUSTRY—MANAGEMENT (see also subdivision under Czechoslovakia; Leningrad; Sakhalin; Soviet Far East, Uchaly, Bashkiria)
- Advanced practice is for everyone. V. Sakhonenko, Na. Stroi Ros. 7 no. 11:18-19 N '66,
- The director is workday | F Zhovinskafa | Sov torg | 10 no.1:28-30 Jn '67
- Egnus, M. IA., V. N. Svedlov, and Z. A. Kakovkina. [Incicasing the precision of contraction of large-panel bulldings] Powyshenie tochnosti montazha krupnopanel nykh /danti. Moskva, Strojirdat, 1985. 59 p. [MICROFILM]
- Everything begins with a plan N Bogdatov, V Boginskii Stroi i aikhit Uzb 6 no 4.20 Ap 165 Flow sheets are basis of plan for scientific organization
- of labor. A. Lubnch. Na. Stroi. Ros. 7 no. 11-16-17 N 66.
- High level of efficiency is basic principle of scientific organization of Inbor. V. Stvich, V. Kolesnikov, N. Stroi, Ros. 7 no. 1141-15 N. 168.
- Inado, nacies demanding immediate elimination | 1 | 15ar po | | Strol | 1 | 2 | khit Mosk | 15 | no | 6-12-13 | Je | 166
- index of the "combining" of building processes. A. Golo-vin, V Geger Ekon strot 8 no 12:57-58 D '66. Making up complete sets of structural elements and its conomic efficiency N Kashirin and other tarbit Mosk 15 no 611-15 Je 166
- Quality, reliability, cost f. Gokhman Strot. in khit Mosk 15 no 6:9-11 Je 786
- Significant results. A. Biaziaev. Na. Stroi. Res. 7 no. 11-17-18 N '66.
- Standard flow sheets, I. Ablinzov. Na. Strot. Ros. 7 no, 11:15-16 N '66,
- Ways of Improving organization of planning operations
 11 Keller Zhil strol no 12 9-11 '66

CONSTRUCTION INDUSTRY-MECHANIZATION

From work experience of Construction Mechanization Trust No 1 V Khatrov Strot is a Phit Lieb 7 no 40 N 166

CONSTRUCTION INDUSTRY—PERIODICALS

Oral issue of "Na strokarh Rossii." Na strok. Ros. i no 10:11 O 163.

CONSTRUCTION INDUSTRY-PRICES

- Amendments and supplements to the pilee list for the installation of equipment. Ekon, strai, 8 na, 12:63
- Russia (U.S. S.R.) Gosudarstvennyi komitet po delam strottel'siva. (Amendments and supplements to the "Uniform norms and prices for construction, assembly and construction repair work" (EMR) and to the "Stand-ard wage and occupation classification manual for workers employed in construction and construction a epair work" (ETKS) | Dopoluculia i izmenentia k "Edlaym normanı i rasisenkam na sirolici'nye, montazimye i remontac-strolici'nye rabety'' (ENIR) i k "Fdinomu tarifno-kvalifikatsionnomu spravochniku rahot i m o-fessii rabochikh, zaniatykh v strottel'stve i na remont-no-strottel'nykh rabotakh" (ETKS) 1960 g. Moskva, Strollzdat,
 - No. 7. 1986, 102 p.

CONSTRUCTION INDUSTRY-PRODUCTION METHODS

Climmel'larb, KA, V. Sagimlan, and V. IAkovlev, [Large-panel apartment houses through high-speed continuous production methods [Krupaopanel'nye doma na skorost-nom potoko, Alma-Ala, "Kazakhstan," 1965. 51 p (Shkola peredovogo opyla)

CONSTRUCTION INDUSTRY-PRODUCTION STANDARDS

Russia (U.S.S.R.) Cosudarstvennyl komitet po delam stroitel'stva. [Amendments and supplements to the "Uniform norms and prices for construction, assembly and construction repair work" (ENIR) and to the "Standard wage and occupation classification manual for workard wage and occupation tensification manual for wo ers employed in construction and construction repair work" (ETKS) Dopolneniia i izmeneniia k "Edinym normam i rastsenkam na strottel'nye, montazhnye i remontuo-strottel'nye ruboty" (ENIR) i k "Edinomu. tariino-kvaliiikatsionnomu sprayochniku rabot i pro-iessii rabochikh, zaniatykh v stroitel'stve i na remont-no-stroitel'nykh rabotakh" (ETKS) 1960 g. Moskva, Strolizdat. No. 7. 1966. 102 p.

CONSTRUCTION INDUSTRY-QUALITY CONTROL

Akademila navuk BSSR. Instytut filnsofili j prava. [Quality of production and construction work; civil law means to assure it! Kachestvo produktsti i stroitel nykh rabot, grazhdansko-pravove stedstva obespechenila. Minsk, Nauka i tekhnika, 1966. 158 p.

Struggle for high quality is on the agenda. I. Levina. Eron stroi 8 no. 12 38-10 D 466.

CONSTRUCTION INDUSTRY-SCHEDULING (see also subdivision under Turkmentstan)

- Modification of network schedule graph A.P Baranniko Prom stror 11 no 11 8 11 166
- Move from Individual network schedule graphs to system of network plauning administration. V. Marushkin, of network plauning administration Na, Stron. Ros. 7, no. 11, 23, N, 466
- Network plauning and management in a new stage, Even stroic 8 no. 12, 16-17 D 166,
- Network schedule graphs in construction of complex of buildings for member countries of the Mutual Peoperate Assistance Council. A. Melti-Par sadamova. O. Ne si ov. Na. St. ot. Ros. 7 no. 11,21-22 N. 166.
- Schooling in use of network schedule graphs in management of construction; I csoon six, Na. Strot. Ros. 7 no. 11:24-25 N. 166
- no. 11:21:25 N 166
 Some problems of optimization of network schedule graphs using available resources. A V Borrsov V M Plyaneverti. 122, vys. which zav., strol larthit 9 no 9.77-81 166

CONSTRUCTION INDUSTRY—STANDARDS (see also subdivision under Urbekistan)

Ministers of the U.S.S.R. Shor rankhit, Uzh 6 no 4 d6-42 Ap 465

CONSTRUCTION INDUSTRY -- JECHNOLOGICAL

INNOVATIONS
(see also subdivision under Gonvel')

Plan at, for technological development under the new conditions V. Kievskii, Z. ISimmerman Stroi 8 no 12 5-8 D 166,

CONSTRUCTION MACHINERY OPERATORS

- Principles of the organization of consolidated brigades engaged on a business accounting basis in the operation and repair of machinery I hh, Colubelity, G D. Davy-dov, A P. Degitarev, Energ stroit no 3,69-71 460.
- Work plactices of machinery operators on power systems construction sites—G.A Ffremov, G.B Rutherg, Pacif Strol no. 0:11-79 '66.

CONSTRUCTION WORKERS see subdivision under Sverdlovsk

CONSTRUCTION WORKERS-JOB DESCRIPTIONS

CONSTRUCTION WORKERS—JOB DESCRIPTIONS
Russia (U.S. S. R.) Gosudarstvennyl komitet po delam
strolici'stva. [Amendments and supplements to the
"Uniform norms and prices for construction, assembly
and construction repair work" (ENIR) and to the "Standard wage and occupation classification manual for workers employed in construction and construction repair
work" (ETKS) Depolmentia izmenentia k "Edinym
normam i rastsenkam na strollel'nye, montazhnye i
remontno-stroltel'nye raboty" (ENIR) i k "Tolnomu
tar fino-kvalifikatstomnomy spravochal" u rabot i professii rabochikh, zaniatykh v stroltel'stve i na remontnostroltel'nykh rabotakh" (ETKS) 1960 g. Moskva,
Stroltzdat, Stroitzdat, No.7, 1966, 102 p.

CONSULAR LAW

- International codification of consular laws, V.J., Muta'lyi, Pravoznavstvo no.1131-110 '65,
 - The Soviet Union and the rights of diplomats | 1 Hishchenko, A Phindoy Mezhdanu zhizh | 11 no 1:114-119

CONSULTING ENGINEERS

Skricko, E. IA. [Protecting the rights of efficiency en-gineers] Okhi ana prav 12 isionalizatorov. Minsk, Nauka 1 tekhnika, 1060. 214 p

CONSUMER CREDIT

Centralization and mechanization of accounting for goods sold on credit. F. Tishininov. Bukhg, uchet no. 11:54-56 N *66.

CONSUMERS' GOODS see Russia---Manufactures

CONSUMPTION (ECONOMICS)

Kriskey, A. L. [Public consumption (us) in the personal budgets of the workers] Obshchestvennye fondy potreblenita v lichnom biudzhete trudiashichikhsia. [Kaluga] Kaluzhskoe knizhnee izd-vo, 1963. 68 p. (NIC)

CONTAINERS

(see also subdivision under Cherkassy Province)

- Barlosh, N. T. [Industrial containers and their use in the machinery industry] Proizvodstvennaia tara i ee primenente v mashinostroenii. Leningrad, 1966, 35 p. (Leningradskii dom naucāno-tekhnicheskoi propagandy, Proizvodstvennyi opyt. Serlia; Mckhanizatsiia i avtomatizatsiia transportnykh i skladskikh rabot v promyshlenneii. shlennost()
- Conditions are the same, but results are different. A.Udalova. Sov. noti eb. koop. 10 no. 12,13-14 D '66
- Decisions of arbitration agencies. Sots.zakon. 43 no.12: 83-84 D $^{1}66$.

CONTAINERS (Continued)

Kolesniko, K.S. [Oscillations of a liquid in a cylindrical regard, medicals manual in the course Dynamics of article*] Kolchanna zholl osti , tallindrichesi om susule metodich-slove poschue po lursu 'Dinami'a izdelli.' Mostva, Most vy-shev tekhn, uchilishcho, 1304. 17 p.

[MICROFILM]

COTTENUOUS CASTING—EQUIPMENT AND SUPPLIFS $s_{\rm th}$ submarishing under Dispropertions.

CONTENUOUS FUNCTIONS are Functions, Continuous

CONTINUOUS GIRDERS see Girders, Continuous

In the civil cold of the UV arisin S. S. B. and commentate court (to $(V_0,V_0,S_0,V_0,n_0))$. Provides two noted that V_0

CONTHACTS, AGRICULTURAL (see also sandly islon under Ukraine)

Lie cuts reging from the essention of the delivery of agreed of the office contracts. A Persushing Cos. zalen 13 no 12 55-38 D '66

CONTRACTS FOR WORK AND LABOR

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CONVERTERS see subdivision under Krivoy Rog

CONVEYING MACHINERY

Ar alyzing the operating process of a bloser-type trans-porter. B.G. Prolo'. Zap 1 9KH 96:253-258 '85,

Disconnecting conveyors from any place in the mine L Gushelin, V Kin hinskit Bezop trada v prom 7 n.) 5.32 My 163

The diffect of operating conditions on the design of conveyer treaties A E Korotkovskii. Prom. 2dan (1) 2 80-87 (6). Krighkov, V, A. [Metallurgical hoisting and conveying machines] Metallurgicheskie pod"emno-transportnye mashiny. Moskva, Metallurgita, 1966, 254 p.

Mechanization of initialactory conveying in the twisting strops of the Darnitsa Silv Combin. M.S. Koroli Leh, prom. no. 2-8-14. Ap-Je. 162

Molding conveyor reconstructed. V.IAbunin, N.Salro-nov. Na.Strov. Ros. 7 no 11-12 N '66

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Kiscleva, V.B. [Cookery for children; book for mothers on food preparation for children] Deiskala kukhnia; kniga dlia materei o pi lgotovlenii pishchi detiam. Izd 5 , dop Moskva, Meditsina, 1966 no-populiai nala meditsinskaia literatura) 174 p (Nauch-

COOKERY, LATVIAN

Petersone, M., and A. Pasona. [Tasty and healthy medis] Garsigi un vesellei edieni. 2., paratradatais un papildinatais izdevums. Riga, Liesma, 1966. 334 p. In Latvian)

COOPERATIVE AGRICULTURE see Agriculture,

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COOPERATIVE EDUCATION see Education, Cooperative

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COOPERATIVE SOCIETIES—EMPLOYEES are sub-division under Pereslay! - Zalesskiy District

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Replacement of copper with aluminum in electric equipment repair operations, S. IA, Bolotin, Prom, energ. 16 no. 1 25 - 26 Ja '61.

Saving of copper in the electrical departments of mining and metallurgical combines. A.V. Shtenger. Prom. energ. 16 no.1:22-24 Ja '61.

COPPER-ELECTROMETALLURGY

Industrial measurement of copper temperature, B Stepanian Prom Arm 9 no 10 52-54 (66,

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Parameters of ribbon cores remagnetized by an a.. source with rectangular wave form 1 . [Aleks or for Elektrotekhnika 47 no 12 46-30 D Jub

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Fertilizers for corn in monoculture. D. F. Tomashtv-skii, L.S. Vakai. Agrokhimila no. 12,36-12 D *68 Gabbro as fertilizer for coin, P.S. Pagrebutak, O.A. Kominar. Pochy.usi.i effek.udab no. 1:150-161 '61. CORN (MAIZE)-FERTILIZERS AND MANURES (Continued)

Munishevskii, F. 1. [Physiological characteristics of rool feeding of different coun varieties in the non-Chemozem 2006, physiological essays on variety] Fiziologicheskie osobemosti kornevogo pitamla raznyko sortov kufuruzy v nei hernozemnoi polose, ocherki fiziologii sorta, Moskva, Nauka, 1966, 149 p. (DNAL)

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Chrical and antionical characteristics of acute corunary

institute of a seeden dath T.A. Naddachna Trudy Institut N V Sthf 1181-192 163 kolescy, V.t., ed. [Surgical treatment of cotonary heart disease] Khitu gleheskoe lechente koronarnol bolezni serdiso. [Leningrad] Mediisha, 1966. 260 p. (DNLM)

Pathological reactions of cardiac vessels, IU S, Chechartin - Un - Tandy Inst. in N. V. Sklif - 7, 212-249, 163,

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[Protecting structural elements from corrosion, malereflecting at a cool disating contenence | Zashchita stroitel-nykh konstruktsil ot korrozil, materialy koordinatsion-nogo suveshchantla Pod red V M Moskvima i V. M Medvedeva Moskva, Stroitzdat, 1966 250 p.

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Method for calculating differentiation in the hying standard of families taking into consideration differ-erces in see and uge. V. IA. Raitsin, E. M. Pobortzh-skata. Ekon i mai metod. 2. no. 6.340-355. N-D. 166.

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Reaction of cotton to the change in photopes lonic conditions in outogenesis N. G. Simongulan, 10, Uzakov. Sellsbac, biol. I no. 6.820-625 '66.

Some observations on the anatomical and interochemical changes in the style of Gossyrium its suture L during fertilization IU.V.Klinkvina Spor trud, asp i mol, nauch, soir VIR no 2 224-227 (6).

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COTTON MANUFACTURE -MANAGEMENT

Perskii D.1. [Organization and planning for cotton manufacturing production] Organizatsiia i planiaovanie khlopchatooumazhiogo proizvodsiva. Moskva, Leglala bankina. Industrir, 1966. 303 p.

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COUNTRY LIFE BY LITERATURE

Vinogradov, I.I. [Responsible to the times, notes on the rural statch of the tifties] V otvete u vrement, ramethi o derevenskom ocherke platidesratykh godov Moskva, Sor. plaatel', 1966—191 p

COUPLINGS-TESTING

Testing conteal press-ut couplings under cyclic loads
1 G Robblin Sudostroenie 28 no 12 43-40 D '62

COURAGE BIBLIOGRAPHY see Bibliography-Солгаде

COURBET, GUSTAVE, 1819-1877

Til nomirov, A.N. [Gustave Courbet] Giustav Kurbe, [Moskva, Iskusstvo, 1965] 190 p. illus. (MH)

COURTS (see also subdivision under Lithurnia)

Boldyrev, V.A. (Soviet courts; Sovetskii sud. Moskva, 10rid. lii-ra, 1966. 108 p.

COURTSHIP

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COW PARSNIP

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Content of calcium and inorganic phosphorus in the blood serum of some breeds of heiters, A. M. Emelina, Sel'khez, biol i no. 6 900-903 '66,

Effect of foot-and-mouth disease on the reproductive functions in cows V IA, Andrievskii, I. P. Red'kin, Veterinariia 43 no 184-86 Ja '67,

Insemination dates for cows after delivery. D.D. Logvinov. Veterinarita 43 no. 12 71-73 D '66.

Results of the field testing of some methods for the diagnosis of the pregnancy of cows A N Akhmadeev, G. T. Vasil'ev. Veterinariia 43 no. 1 77-78 Jz 467,

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COWS-DISEASES AND PESTS

Changes in the wall of the urinary bladder of cows in chronic hematuria V. N. Golovach, A. M. Lemishko. Veterinaris 43 no. 12-63-64 D '66

Complications in cass after foot-and-mouth disease G F Bondarento and others Veterinaria 43 no 1 45-47 Ja 167

Welfical sfd in prolapse of the vagina in cows. V. Tstasm. Veterinitia 43 no 11 75-76 N 466.

Treating mastitis caused by foot-and-mouth disease 1 T Marchuk V A Fortushnyr Vetermarha 43 to 180-88 Ja 167

Tremment of gynecological diseases micros 4. A.A. Demovor Vetermania 13 no 11 74-75 N 166

Using programt mate's serum to stimulate the reproat the function in coss. N. M. Riazantseva, A. A. Spivacteva. Veterinaria 43 no 11 72-13 N 256

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(omplement freation leartion to group it covered by unestand methods of preparing antigens V, N Smir no. 4. and methods of preparing antigens V. N. Smirnova. 7 F. Zabo a. N. V. Izotoka Vop vhus il no 6:671-

Effect of physical influences on the prescrivation of unice-tions activity or group B Covachic viruses N M Gor-dienko Trudy Mosk mauch - isslingt virus prep no 3/106/113 465

no 3405-113 %
Immutable escence method for detecting coverable A7 virus in smears from organs of orally infected new homeoffor lats. N. V. Zeitlenok, N. V. Ovslaminkova, M. M. Goldhaib. Vop. virus. 11 no 5 550-5 ; S-O. %

Interaction of Coxackic and poliomyelitis viruses in ex-periments on monkeys V D.Solor'ev. I. M. Mentewick. N R Gutman Tridy Mosk nauch -issl mat virus prep no 3 139-141 '65

Method or obtaining polyvalent ser a agninst Cosaackie awl FCHO viruses Z F Zybova, N M Gordfenko, I R Borutskaia Trudy Mosk nauch sissi inst virus prep no 3:209-217 '65

Mixed infection of mice with influenza virus A2 and coxeachic vitus B3 L IA Zakstel'skaia and others Vop

Some criteria for the detection of correlations between bacteria and viruses Report No 1 Bacteria of the Escherichia coli gi onp as absorbents of enter ovir uscs A, E Essel', K G Medymskala, I, I, Nezamuskala Zh mikrobiol , opid i immun 43 no 11;69-73 N 'b6

Use of various labor stary animals in obtaining type-spectific sera against group R Coveachle viruses N. M. Gordicako, Z F Zuboza, T R Borutskan Frudy Mosk much -isal inst virus prep no 3 201-208 '65

COXSACKIE VIRUSES-CULTURES AND CULTURE

Phenomenon of interference of enteroviruses in expert-ments on tissue cultures. Report No. 2; Use in capacity of interfering agent of noncytopathogenic viruses. I. M. of inter fer ling agent of noneytopathogenic viruses L. Mentkevich Trudy Wosk nauch, -issl last virus prep no 3,445-151 '65.

CRACKING PROCESS

Chemical crystallization of coke in destructive processes. M. F. Levinter, G. M. Panchenkov Zhur, flr, khim 10 no 11:2893-2638 N '68,

Concentration of hydrogen in hydrocracking under low plessure IA.R Katsobashvili, E.I. Elbert, Khim, i tekh topi i masel, li no, 11:16-17 N '66,

Investigating the atomatic hydrocorbons contained in catalytic cracking naphthal N, M Indiukovand others Nettekhimital 3 no 5:668-671 S-O '63

kinetics of the formation of coke during the exacking of the group components of petroleum residues. M. E. Levinter and others, Khim, I tekh topi, i mosei. 11 no. 11,25-27 N 166.

Some economic aspects of the production of aromatic hydrocarbons from crude oil, B, A Brunshtein, V. L. Klimenko, S. F. Riabukhova, Khim, prom. 42 no. 12 661 CL 168-68B

Studying the kinetics of the conversion of hydrocarbons during the second step of hydrocracking of vacuum gas oil L. N. Osipov, V. A. Khaykin Khim, i tekh, topl, i masol il no. 12:14-17 D 166

CRANES, DERRICKS, ETC (see also subdivision under Germany, West)

Dubovskii, K.N. [Tower crane operator] Mashintst ogo krana. Moskva, Strolizdat, 1966. 238 p.

Erecting transport crans with semiautomatic hydraulic lift, O. V. Ivanikov. Mont I speis rab. v stroi. 20 no 12 11-13 D '66.

Extending the service life of crane cables. P.A. Samojiovich, A.A.B. iakalov, N.N. Nikolaeva, Trudy LIVT no. 82:84-89 '65

Modernization of SBK-1 tower eranes. A.I. Allperovich, V.I. Poliskov Strot, I dor mash. 8 no. 6 1-5 Je '63. Modernizing the jibs of the "Applevazh" cranes. B. Zhei - munskii. Hech, transp 21 no. 7:20-21 J1 '62

Nevzorov, L. A., and G. S. Kir'lakov. [New KB-series lower crance] Novye bashennye Krany serit KB, Moskva, Nilinformatsiistroidorkommummash, 1965. 79 p. (Serita 1: Stroitel'nye i dorozhnye mashiny)

New technology for unloading coal. V. Pelipenko Rech. transp. 21 no 7:50 Jl 162 Recent developments in the construction technique. Sirol

t arkhit Len 25 no. 5,38 My 163.

The second life of tower cranes. O. N. Podkolzin. Stroi i dor mash 8 no 8;32 Ag '63.

Stock tracks for tower and gamery crance (S. IV. Indicen-V. D. Shevelenko - Mont i spets rab ventro) (2) inc. II II. Ng. 163

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CRANLS, DERRICKS, ETC .- ELECTRIC DRIVING

Operational improvement of 15-ton floor-type charges, machines. V. P. Pogorelyl and others. St. 41, 26, 110, 1 1095-1097. D. 166.

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CRANES, DERRICKS, LTC -STANDARDS

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CRANIAL NERVES see Nerves, Cranial

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III S. Kurshakova, Vop. antr. no. 4(113-120/200).

Horizontal profile of the tacial part of the skull in modes and ancient man. V. P. lakimov. Vop. anti. no. 4 h

Typical patterns of examini structure in man and raca keyn as related to anthropogen nin. S. J. Unperiodal Vopenitre, no 4-34-61 (60).

CRANKS AND CRANKSHAFTS

Calculation and establishment of the axis of the crant with the state of the state of

CHAWLER TRACTORS—DYNAMICS

Analysis of forces acting on a gravier tractor in turning.
M. S. Gorbunov, F. V. Eremin. Zap. I.SKHI 95, 15-62

Distribution of normal loads along the supporting surface of a crawler tractor in turning. E.V. Fremin. 7 (p. LSKH 06-03-88 65.

Resistance to the tunning of a crawler tractor, P.A. I chedev, N.G. Sidorov, Zap. I.SKIII 96:89-91 465

CRAYFISH

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Contractife proteins in crayfish muscles V.V.Oppel',
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CREAM SEPARATORS

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CREATIVE ACTIVITIES AND SEAT WORK

Our guest, the periodical "Modelist-Konstructor." Sem'la i shkole 21 no. 1:60-62 N '66.

CREDIT

Credit resources of the bank. A. Melkov. Den. i kned. 24 no.12 14-23 D 166,

Moskovskii institut narodnogo khozlajstva. Kafedta de-nezhnogo obraslichonila i krodita. [Practical assign-nients in issuing crodit] Praktichoskie zudanija pa ki e-ditovaniju. Moskov. Pt.2. 1962. 78 p.

CREEP OF CONCRETE

Calculation the reinforced concrete constructions of landing structures taking into account their excep C Pal'chinskii Trudy Soluzator NIIPi ockt no. 9:05-101

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CREEP OF MATERIALS

Creep of half-space from two-planes soil due to forces applied normally to boundary. IU. K. Zarctskii, L.v. AN Arm. SSR. Mekh. 19 no 2-10-59 '66.

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Stability of circular cylindrical shells in ercep. 1. P Kuznetsov, L M Kurshin PMTF no. 3 66-72 My-Je 162.

CREEP OF STEEL

Ferformance study of disks of GT-700-4 turbo-unit under conditions of steady creep. V D Dobrokhotov and others. Gaz.pzom. 11 no 11:21-21 "66.

Altsylation of a p-cresol concentrate using pyrolysis gas to obtain an antioridant found additive A. N. Bodan. Il V Kathmar. Neft i gaz prom no 3,56-60 ll-5 '63.

Condensation of camplene with o-cresol in the presence of various catalysts L A Kheifits L M Shutov, 1, 1, Gavitiova, Trudy VNHSNDV no. 7 51-56 '65

Use of the preparation PS-7 for external treatment in some skin diseases. G.IA Sharapova and others Vest.derm.lven no 12 61-66 162.

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Climinal responsibility for the unauthorized cutting of timber. G.L.Kriger. Sov. just. 30 no. 23:21-25 D

From the notebook of a public prosecutor. D. Danylovs'-

kyi. Rad. piavo 29 no.12 70-80 D 166.

Shchepakin, D.M. [Public order is in the hands of the people] Osisichestvennyi portadok - v tukakh naroda, Tula, Priokskoe knizhnoe 12d-vo, 1965. 101 p.

(MH-L)

CRIME AND THE PRESS

A fairy tale. IU, Mikhailev. Sots. /okon. 43 no.12,48-49 D 166.

CRIME IN LITERATURE

A flower in the pocket. A. Flurstenberg. V mire knig 6 no. 10:8-9 O '66

CHIME PREVENTION

(see also subdivision under Crimea; Kerch)

New for m of the prevention of recidivism. N. Kondrashkov. Sots. zekon. 43 no.12:46-47 D 466.

The role of public opinion in the prevention of criminal offenses, A. Zakalluk Rad, pravo 29 no. 12-3-8 D

We are for the conditions of inviolable law and order. Sots, zakon, no, 11:6-22 N 166,

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Investigating the effect of the production method on the composition and proper ites of liquid polyorganositovanes, investigating the composition and characteristics of polymethylphenylsitoxanes obtained by the method of collyd: olysis with subsequent catalytic regrouping in the presence of "Kil" bentonite clay M.A. Kleinovskaia and others. Plast massy no 919-24 '62.

CRIMEA-BOOKSTORES

Disregarding the important matters. I. Ivlev. Knizh. torg. 17 no.12.24 D 466

CRIMEA-CRIME PREVENTION

For exemplary public order in run al areas, iE, iksar. Rad. pravo 29 no. 12 24-26 D *66.

CRIMEA-FORAMINIFERA, FOSSIL

Dolomitized Foraminifera L. S. Billikrys Dop. AN URSR no 11:1497-1471 '66

CHIMCA-GAS, NATURAL-GEOLOGY

Formation of structures in the Paleogone in western Crimes. G. P. Kurylo, V. D. Frolov Neft i gaz. prom no. 3:7-8 Ji-S '03.

CRIMEA-GEOLOGY-STUDY AND TEACHING

Geological training practice in the Crimea. K.P. Sokolov Lev vys ucheb zav geol flazv 6 no 1136-138 Ja

CRIMEA-LITERATURES

it the literary map of the Crimea. G Kallnitskil. V mire snig 6 no 10 3 O 166

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CRIMEA-ROAD CONSTRUCTION

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CRIMEAN MOUNTAINS—KARST

Gas composition of air in karst cavities of Crimean Mountains V N Dublianskii, IU I Shutos Doki AN SSSR 171 no 2 115-117 N '66

CRIMINAL EVIDENCE see Evidence, Criminal

CRIMINAL INVESTIGATION

Against unfounded transfer of eniminal cases for their pretrial investigation in other districts. P.Radushko-vich. Sots.zakon. 43 no 12:58-59 D '66.

Butko, I.F., O.M. Vasyl'lev, and O.K. Selezn'ov, [ifandbook for criminal investigators] Dovidnyk sudovo-sildchoho pratstvnyka Kylv, Vyd-vo polit. lit-ry Ukiainy, 1966. 165 p.

Contacts with the Soviet public are an important condition for the successful work of criminal investigators. N. Miroslanichenko, D. Shchebetenko, Sots. 7akon. 43 no. 12;50-51 D $^{-1}66$.

A fairy tale. IU, Mikhailov. Sots.zakon 43 no.12;48-49 D '66.

For the scientific organization of criminal investigators work A. Larin Sols, zakon, 43 no 1242-15 D '66. Legal status voluntary assistants to the police officers who investigate en uninal offenses, according to recently enacted laws, M. Hers'kyr, Pravoznavstvu no.1 115-122 '65.

The path which he chose in his youth. G. Gordin. Sots. zakon no. 11:68-70 N 166.

Specialization is an effective way to raise the professional skill of criminal investigators F. Lopushans'-kyl, P. Peizerman, Rad pravo 29 no 12:44-48 D '66.

Studying the personalities of the accused and injured persons during the investigation of murder and battery cases. G. Mud'iugin, S. Stepichev. Sots zakon. 43 no.12:60-63 D '66.

CRIMINAL INVESTIGATION-STUDY AND TEACHING

An institute has begun its work. Sots, zaken. no. 11; 36-37 N 166.

CRIMINAL JUSTICE, ADMINISTRATION OF

In the offices of public prosecutors and the supreme courts of the Union Republics. Sots.zakon 78-79 D '66.

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Concept and characteristics of the objective truth established during the trial and the implementation of the new criminal and criminal procedure laws. A. L. Ryvlin. Pravoznavstvo no.1-89-93 '05.

Who is an "injured person"? T. Shavgulidze, L. Talak-vadze, Sols, zakon, no. 11-63 N 166

CRIMINAL LIABILITY

Rowdies should be liable for the damage caused by their action, A. Lugovskata. Sov. iust. 30 no. 23:10-11 D

CRIMINAL PROCEDURE

(see also subdivision under Armenia; Estonia)

Concept and characteristics of the objective truth established during the trial and the implementation of the new criminal and criminal procedure laws. A. L. Ryvlin, Pravoznavstvo no. 1:88-93 162.

For the wider admission of civil law suits in criminal procedure V Daev Sots.zakon 43 no 12,56-57 D 466.

Participation of injured persons in judicial proceeding. 1. Koblikov. Sov. lust. 30 no. 23:8-11 D 166.

Position of the legal representatives of accused or injured minors in judicial procedure 5 Groshkov no. 11:67 N 166.

We should amend at ticle 31 of the criminal procedure code of the R.S.F.S.R. V Blinov. Sots. akon, no. 11: 46-49 N '66

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Critical temperature of transition to superconducting state of beta-phase in the system nichium - tin - alu-minun - germanium N.E Alckseevskii, N V Agecy. V. F. Shamtat 12v. AN SSSR Neorg mat 2 no 12 2156-

CROATIA-HISTORY-SOURCES

The Supetar chartulary. Translated and supplied with footnotes by S. A. Rykova. Vop. 1st. slav. no. 2,296-307 156.

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Metercological conditions and potatoes tuber yield in the regions of the U.S.R. most favorable for potato growing M.D. Zlotmbov Shor, trud, asp. I mol-much soft VIR no 2 319-351 [6]

CRUCIB LES

Ciucible without walls. IU. Ravinskii. Iroba, i rats, no. 12,38-39 [56,

Optimum skull thickness in titanium melting. A, A, Neustruev, G. L, Khodorovskii. Trudy MATI no. 66:114-122

CRUSH SYNDROME

Morphological changes of internal organs and brain in prolonged crushing of the soft itssues of the extremities, V.P. Griatnova, E.D. Bova, Travmatologila no. 1,306-312 '65. Syndrome of severect ushing of the extremities (compres-

sion syndiome or Bywater's syndrome) R. L. Ginzburg. Rhirurgita 39 no 2:132-137 F '63.

CRUSHED STONE ENDUSTRY see subdivision under Kirghizistan

CRUSHING AND GRINDING

Some problems of rigid dynamics and their application to theory of rushers IU I Severov Zap LGI 39 no 3:67-74 '61

CRUSHING MACHINERY

Increasing the efficiency of crushing. G. N. Drui and others Koks I khim. no. 6:6-8 *6?.

others Koss I khim, no. 6:6-8 '62'.

Percussive rotary crushers V A. Strel'sov Stroi i do much 6 no 8:22'-25 Ag '63

Rostovskii Prometroiniproekt, [Dynamic loads caused by crushing and milling, drafting and blasting machines and centrifuges, handbook for designers] Dinamicheskie nagruzki of drobil ho-razmol'nykh, tiagodut'evykh mashin i teentrifug; posobie ddia proektiovshchkov, Rostovna-Donu, 1966, 47 p.

[MCROPH.M]

[MICROFILM]

CRUSHING MACHINERY—DESIGN AND CONSTRUCTION

Designing the crushing space of gyratory cone crushers for the comminution V A Masiennikov Gor Thur no 12+39-41 D '66

Increasing the wear resistance of cone crusher linings for coarse clushing at Nove Krivoy Rog Mining and One Dressing Combine. V. M. Golbach, P. I. Krupps, A. L. Maiov. Obog, rud 11 no. 3;33-35 '66.

CRUSHING MACHINERY-ELECTRIC DRIVING

Determination of the start moment of the electric drive of of a jawbleaker. P. G. Guzinkin. Izv. vys ucheb, zav., clektromekh 9 no 11;1270-1273 166

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Antibiotic cruzin and its mechanism of action on concercells, N.G. Kliueva, G.I. Roskin, 1zv. AN SSSR, Serbiol, no. 3:366-390 My-Je '63.

CRYOPEDOLOGY-TERMINOLOGY

Terminological confusion in cryopedology A. M. Cheketillo Vest Mosk un Ser 5; Geog 21 no 6;115 N-D '66

CRYOSCOPY

Supercooling flow-through device for knyomicroscopy. P. E. Moroz, D. R. Gabe. Mikrobiologija 35 no. 5;912 - 917 S-O '66.

Use of freezing in gravimetric analysis, Report No.1' Crystalline precipitates. V. L. Zolotavin, V. N. Sanatina, V. P. Nesterenko, Zhur, anal. khim, 21 no.11:1288-1292 '65,

CRYOTRONS

Änalysis of a cryotron memory network with many stable states, I, D. Voltovych, IA, S. Kan, V. A. Rakhubovs'kyi, Avtomatyka 11 no. 8.85-69 '66.

CRYSTAL CHEMISTRY

training af solutions and publicate to the training of the current of the second of the current of the current

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Studenty I who not of impurity stores in distorate In St. and GaSt (1, St.) Institutes. G. N. B. lozons I it and others. The test tells 8 no 7 2112-2116. Ji. 166

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CRYSTAL OPTICS

Calculation of Fourier coefficients of line profile of Debye product diagrams for crystillites of various shape and dimensions. A N Krehamin. Kristallog-rama. It no 6 671-677. N-D 466.

Crystillo-optical characteristics of some monuclinic resistation of the state of some states of some states of some states of R. F. anno. V. C. Zotov Kristallograms. Il no. 6.921-926. K-D. 966.

Doubling of light frequency in nonlinear medium with innova inhomogeneities. V I Respaloy. Iro was ushed zov., radiofiz. o no o 1117-1123, 166.

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Electron microscope study of crystallization of non-ferrons metallurgual slags with some additions N.). Pavlushkin, S. V. Petrov, M. D. Beus. Lev AN SSSR, Neorg mat. 2 no 12 2221-2228 D '66

Estimation of super cooling on the phase interface during crystallization B. IA. Liniov. Bost krist. 5, 300-

Pointation of nuclei of graphite spherulites. I. E. Bolotov. Rost krist, 5 190-196 '65,

Formation of pseudoprimary crystals in eutectic alloys. V V Nikonova Rost krist, 5:114-117 '65.

Growing thin single-crystal plates and rendering crystal-Mzer operation more reliable A A Kolovskii, I. S Solov'ev Rost krist 6.348-349 '65

Initial stage of bulk crystallization in supersaturated solution of tartaric acid. Part 1 Kinetics of crystallization in latent period. R.A. IAnchuk Koll zhur 28 no. 6 910-914 N-D *66.

Kinetics of sodium aiuminate crystallization, M.V. Zakharova, V.D. Ponomarev, I P. Ni, Trudy Inst. met.i obog. AN Kazakh, SSR 16:30-39 '66

Microstructure of abite coment stone (hydrated tricalcium silicate) L.G. Shpynova, I.D. Nabitovich, N.V. Belov. Kristallografiia II no 5 - ed-fieb N-D 166.

Phénomenological study of kinetics of crystallization of thin layers of melt on extraneous lackings. V.S Ravin. Kristallografiia 11 no 5:910-915 N-D '66.

Plasticization of crystalline polymers. Part 2: Pffect of plasticization the mechanical properties of crystalline polystetent. G.Sh. Talipov., T. I. Sogolova, V. J. Kargin. V. Sokom sund. T. no. II 1718-1724. N. 302

Process of engineer stall entire of barroin hydroxide N, Sh Sahullan, S. K. Schunk. Khim, prom Ukr. no b $\beta \cdot 10^{\circ}$ N-D $^{\circ}$ Ge.

Role of surface phenomena in the kinetics of chemical resortions sintering, and accumulative recrystalliza-tion of refractive only A.1 Leonov Lev AN SSSR Groug mat. 2, for 12, 2165-2174. D 366

separation of adding any indications Me-C mell refer than or mark this limited from Me-C mell in parties I if Balotov. Rost krist, 117-130 (b)

Some problems berning on shoping of crystals grown by estraction from melt VM Gol'dfm h. A V Donslot. A V Stepane. Rost least 6 360-364 455

Structure and proper tree of polymers as functions of their nature composition. M.A. Vatov, 1. B. Pecci. Vyso-Form seed. 8 no 10;1846-1851 O. 266

Structure and thermal expansion of fine cobalt particles Filstallografita 11 no 6 931-932 N-D III [Peti)

study of crystally ation process of lead silvede glass 2010 NO by means of nm med spectroscopy I V. Smit nova Ir. AN SSSR wing mat 2 no 11 2045-2019 N 566

2019 N '66 Stating laws governing crystallization and attractural stabilization of ℓ dSb and ℓd_3Sb_2 compounds in Cd $^{\circ}$ Sb system - V.1 Pauley, K.) Dobysden' - Rost krist ℓ 247-255 % S

Use of vacuum crystollizer with forced circulation or solution for a systallization of put assum and solution for a systallization of put assum and solution the homeless. L. N. M. ansayth, and others. Khim prop. 12, no. 12,927-931 11, 466

CHYSTALLOGRAPHY

Crystal structure of the compound MgCoNr P.1 Kry-pial-crych Dop AN URSR no. H 1460-1463 162

Cystal structures of compounds CeNt₂St₂ and isostructural compounds in related systems O I Bodak, E. I. Gladyshevskii, P. I. Kripiakevich 17 AN SSSR Neorginat 2 no 12 2151-2155 D 166

Crystal structures of silicon-lich silicides of thre-coath eliments of the ythium group. D. I. Hindyshevskyl. Dop. AN URSR, no. 7,686-886, 163

Dependence of sputtering ratio on ion onergy IU V Martynenko Fiz tver tola 8 no 7:2109-2111 Jl '66.

Pifect of e pasure to light on internal fillction in crystals.

t neet of exposure to light on internal filetion in crystall A A Durgarian F S Badallan Lev AN Ario, SSR, Fiz 1 no 3 '01-201' 166 Emission parameters of faces of tangsten, inclybdenum, and tantaham single crystals (pur and impure). G N. Shappo, L.v. YN SSSR, Str. fiz. 30 no. 12-19 (5-19)1 D 166.

Fquilibilium molecular struciure of crystal faces. D. P. Temkin, Rosi krist, 5,89-93 565

Law or belts and its antithesis in twisted quarties. G.P. Litrinskiia, N.V Belov kristallografiia il no.6 931-851 N-D 466.

New "initioled al" method of studying active centers of crystalline catalysis O. M. Politorak, V. S. Boronin, Zhur, fi. khim. 16 no. 11.2171-2687 N '06.

Structure of liquids. A. A. Shternbelg. Rost krist, 5: 179-186 (85)

System molyhdenum - cobalt - boron. III. B. Kuzama. O. V. Nych. B. V. Skolozdra Izv AN SSSR, Neorg mat. 2 no. 11:1075-1079 N '60.

Theorem of third order invariants for irreducible repre-

entations of space groups M S Shur Zhur eksp i but 112 51 no 4A250-1202 D '65 Throng of reflection of atoms from solid surfaces, E.S. Phills, N.IU. Thiase, E.V. AN SSSR, Sei, fiz. 30 no.12:1483-1985 D '66

no.1227-33-195 O 465 Use of X-ray diffractometry in construcing kinetic curves of crystalli 11-a, as exemplified by scientim, and then and yr. K.P. Mamedov, Z.D. Nurieva. Rosi Krist. 5-127-330 465.

CRYSTALLOGRAPHY-STUDY AND TEACHING

Teaching geometrical microcrystallography (Pedorov symmetry groups) at Bopartment of Crystallogiaphy and Crystallochemistry of Moscow State University IU.G. Regel'skana Kristallogiafina II no 6 842-841 N-D

CRYSTALLOGRAPHY, MATHEMATICAL

History and course of development of mothematical crystallography I I Shafranovskii Zap LGI 50 no 2:7-

CRYSTALS-DEFECTS

refect of plastic deformation on crystal lattice defects. A. G. Kozlov, A. K. Shukevich, Doki. AN BSSR 10 no. 10:735-738 O 466,

Effect of structural defects on some electric characteristics of germanium doped with gold and entimony. V. Fomin, M.G. Millydekli, E.V. Solov'eva. Fiz.tver. tela 8 no 7:2253-2255 Jl '06.

Passage of current through semiconductors with Impurities of defects producing deep levels G. M. Avaldiants. Izv AN Arm SSR. Piz 1 no 4 248-258 '66.

Possible mechanisms for mending macroscopic defects in real single crystals at high temperatures. 1A.E. Geguzin Rost, krist. 5:106-113 185.

Structural exerneres in two-component forestessplinels, B IA Sukharevskii, B G Alapin, E I Abselved Pokl AN 858R 171 no 2 359-362 N 366

Use of anomalous penetration of Yrays in exposing a studying defects in sufficiently perfect crystals 1,1 Shul'pha. Rost krist. 3/285-209/65.

Use of methods of nuclear magnetic resonance, buckers sge or matnors or nuclear magnetic tesongales, lakers; qualitique, redorance, electron paramagnetic region acc, optical, ultrasonic, and gimmissipectioscopy, spin cabo, and another diffractors a mination in studying structure and concentration of defects are typical latices U Kh. Kopvillem Rost Krist, 5 115-156 65

Y-ray diffraction and topographic study of defects in crystals in wide range of contrasting features. V I Miuskov. Rost Krist 5 300-308 169

CRVSTALS-GROWTH

Alloying crystals of some intermetallic compounds through melts N L Kostur, V I Pearey Rost Frist C 288-299 4.5

Batumenko, I.T. [Regular quartz-feldspar intergrouths in pegmatites and their genesis] Zakonomerave kvartepolevoshpatovye srastanita v pegmatitakh i ikh genezis Moskva, Nauka, 1966 171 p

Capillary effects in crystal growth process P I Intene Rost krist 6,158-160 65

Conditions of growth of Al₂O₃, and ZnO, and Ga₂O₃ are vertals V A Timofeeva Rost kefst 6:86-92 %

Effect of crystallization combitions on the micro- and macromosaic structure of metal exystallites extract from metr. A. A. Kralina, V. O. Perr. Rost erist. 5,285-273, 165

Effect of crystallization temperature on shap, and homogeneity of crystalla grown from aqueous solutions, 1, V. Gavillava. Rost krist, 5 19 l-205 465

I flect of gaseous medium in Verneuil's method on chenical composition of certain single (1) atals Rost krist 6:168-172 '65

Pitect of rotation on rate of growth of single crystals, and for mation of "parasitic" crystals K N Shabalin, G V Iniushkin Rost kulat 6,305-307 '65

Officet of supercooled droplets on formation of surface figures on annualed sodium thioride crystals Gy, Turchanyl, i Horvath, I larjan, Rost, krist, 5,205-211 '65

Epitaxy and structure of surface of backing, W. Kleter, Rost Filst 5:71-83 (85)

Further development of molecular - metic theory of crystal growth. R Kalabey Rost krist, 5:45-58 46

Growing and some properties of ferromagnetic single orystals of Bl₃₋₂Ca₂ (Fe₅₋, V₂O₁₂ gainets, A. G. Titova, A. P. Erastova, R. A. Petrov. Liv. M. 85911 Neorg mat. 2 no 12:2260-2261 D 166.

Cirowing crystals by A. V. Stepanov's method 5 V. Tsivinskil. Rost krist 6:355-359 65

for lowing single crystals of $\Lambda_2 B_0$ compounds with narro-forbidden band. I. M. Rarenko, N. P. Gavaleshko itu krist. 6:267-270 '65.

Growth and properties of albhon-shaped dendrates of sends Conductors L P Kalnach Rost krist 6:385-373 %5

Growth of crystals from solution in melt K T VII've Rost kist 6-75-80 '65
Growth of homogeneous crystals from melt G. I.
Pobralians Mt. D. Rykl. A A Urusovskoja Rost krist

Growth of medilite crystals in aluminosilicate sings, V.S Maltisev and others. Trudy Inst. met 1 obog. AN Kazakh SSR 16:162-166 166

Heat and diffusion effects in motion of steps on surface of growing crystals. B.I Birman, B.L Timan. Rost krist, 5.118-126 '65.

Improved method for growing crystals from melt 1 G. Ridel'man Rost ki ist 6 165-167 '65 Interferometric observation of crystal growth. Zdenek Solc. Bost Krist. 5;212-215 '65.

Adding the property of the pro

ing backings, review 6:374-384 '65

Method of calculating the distribution of specific resistance along the length of crystals in mutual transport of donor and acceptor imputities into semiconductor crystala grown by Czochralski method. B.M Turovskii. V.M.Nikitin Izv AN SSSR, Neorg mat. 2 no. 12 2050-2005 D 166.

Methods for studying effect of crystallization conditions on growth and properties of crystals M. I. Kozlo-skii and others. Rost krist. 6:9-13 |65

Natural systems of inclusions and synthesis of minerals. N. P. Ermakov Rost krist 5:69-74 '65

Oriented crystallization (epilaxy) around isomorphic condensation nuclei. G. Miloshev Trudy GGO no 185:

Paper delivered on theory of crystal growth (ebstracts), F. A. Malyl, B.IA, Llubov, R. A. Kaisnev, Rostkrist 5:147-148 '65.

Production of single crystals of binsty or multicomponent systems and effect of temperature conditions of grawth on their shape and faceting V N Izvekov and others Rost krist, 5-116-121 '65

CRYSTALS-GROWTH (Continued)

come aspects of opitaly them y G. Blizankov, Rost relat. 5,64-73 '65,

erist, 3,64-73 '05,
some aspects of theory of crystal growth. A.A. Chernov,
BIA. Lunboy, Rost, Frist, 5 11-33 '05
some laws governing formation of single crystals, N.N.
Shelini, Rost, krist, 5 34-14 '55.

5) thesis and electric properties of MnyO, single crystals, M. V. Rozhdestvenskaia, V. A. Moklevskii, V. A. Stogova. Kristallograftia 11 no 5 903-909 N-D 466.

Technique of growth and treatment of large Po and Zn single crystals for use in nuclear physics. V Cioca nost knist. 6 151-157 465

The tradynamics of nonequilibrium transformations in thary systems. It Ages at D. S. Kamenciskala, Rost Frist. 5.91-40 165.

Use of exchange decomposition reactions in melts to produce single crystals of semiconductor compounds N. P. Luzhnoin Rost krist 6 220-225 '65

CHYSTALS—OSCILLATIONS

one mechanism of absorption of low-nequency electro-respectic oscillations by localized states in crystals M. A. Krivoglaz, I. P. Pinkevich. Zhur ekspliten fir Al no 4-1151-1162. O '66

CHYSTALS—SPECTRA

Proteconductivity of Sbig and Bilg single crystals under high hydrostatic pressures K Culiamov and others fiz twee telm 8 no 7:2081-2086 Jl '66.

CRYSTALS, EFFECT OF RADIATION ON

Effect of radiation on formation and homogeneity of crystals. Vikt I, Spilsyn, I E, Zimakov, N.P. Dobro-gel'skals. Rost krist. 5 212-216 '65

CUBA—AGRICULTURE, COOPERATIVE

socialist reorganizations in the agriculture of Cuba, and cooperatives Antero Regalado Palcon, Sov potreb poop 10 no 12,44-45 D 166

C UBA-ARCHITECTURE

Architecture of revolutionary Cuba. N Fitipovskaia Arkbit SSSR no 6 10-59 '63,

C UBA-DESCRIPTION AND TRAVEL

Encounters in Cuba, V. Andrianov. Agliator 34 no 24-54-57 D 166

C LIBA-ECONOMIC CONDITIONS

Encounters in Cuba V. Andrianov. Agitator 34 no. 24.

CUBA-RADIO IN PROPAGANDA

On the freedom Island. Ramito Puorta, nov. tadio i tel. 12 no. 6:36-37 Je 163

COBA—ROCKS, IGNEOUS Ultrabaste rocks in northeastern part of Cuba and their senthering surface. L.IA, Shirokova Biul, MOIP, Otd. geol. 11 no 4450-451 Jirdg 466.

CUITA-SOILS-CLASSIFICATION

Establishment of the genetic classification of soils in Cuba. S. V. Zonn and others Postwovedenie no. 12; 17-30 D 166.

C LIDA-STATISTICS

Cuba; facts and figures. P. Hogatyrev. Mezhdunar, 2htzn! 11 no.1213-141 '67

CUBA-WEATHERING

Ulfiabasic rocks in no theastern part of Cuba and their weathering surface I.IA, Shirokova. Binl. MOIP, Old, gool 41 no. 1:150-151 Jl-Ag '66.

CUBAN LITERATURE—HISTORY AND CRITICISM

Free Cuba lells its story. A. Starostin. V mile knig 5 no. 11:26 N '66

CUBAN STATESMEN see Statesmen, Cuban

CUDATURE FORMULA

Convergence of cubature processes for absolutely con-tinous and absolutely continuously differentiable functions IU.S. Ramskii Vych mat [Kiev] no 2:170-185 166

CUCUMBERS are subdivision under Russia, Northwestern

CUCURBITACEAE see Vine crops

CULTIVATORS

Cultivation of corn fields at increased speeds. O. M. Bekerlin Trudy GRUZNIMESKIIa 8 no 2:30-46 *62

CULTURE

Excepts from B.I. Shenkman's unpublished work "Characteristics of the production of spiritual riches." Vop. filos. 20 no. 12:113-123 166.

Kalinnikov, T. G. [Training of cultural workers in a Communist attitude towards labor] Vospitande kommunisticheskoge ofnoshenita k trudu u ribotnikov kultury. [Moskva] Profizdat, 1966. 63 p. (Bibliotechka Profisoluznogo aktivista, no.36(156))

CULTURES (BIOLOGY)

Age related sensitivity of kidney cell cultures of swine embryos to fout and mouth disease virus \ nina | Vop virus | II no 6 748 750 N-D '66 Ν " Ushε-

Cytological and histochemical study of human pigmentary tumors in tissue cultures Report No 1 Benign pig-mentary neoplasms N.M. Chistova Vop onk 12 no 11:22-29 '66

Use of new afti fent medium containing muscle hydrolysate, for cell cultures. G.P. Sovetova, V.N. Bliumbin. Vopvirus. Il no 6:743-746. N-D hā

CUPOLA FURNACES

Continuous trapping of metal and slag from a single cupolingate M.A. Lubarskii, I.Z. Urctskii. Lit protzy no 12 34 D 166

CURARE LIKE SUBSTANCES

Paramyon-induced contracture of the dorsal muscle of a leach under the effect of anticholinesterase agents A.
Podlesnata Biul chap biol i med 55 no 5:78-1 My

CURARELIKE SUBSTANCES - THERAPEUTIC USE

Effect of curarelike preparations on the state of speech-inotor analyzet in aphasia NA Kryshova, V V Aliakrinskii Zhur, accr i psikh 66 no 12 1758-1763 '66

CURRANTS-DESEASES AND PESTS

interrelationship between a parasite and its host at the cultiest developmental etages of the disease then Shor trud asp I mol nauch soft VIR no 2 282-288 (61)

CURRENTS (HYDROLOGY) were subdivision under Black

CURVATURE

Theory of X₂ curvature in E space, K. Sh. Ramazanova [2v vys, ucheb zav mat in 6,137-14] [166]

CURVES, ALGEBRAIC

Constructing certain curves, IU, P. Sokolov. Stroi. i arkhit, Uzb 6 no 1;25-36 Ap 165

CUSHING'S SYNDROME

Decarbo ylization of 5-hydroxyliyptophan in tissues of the adrenal cortex in itseniro-Cushing disease and in tissues of adrenocortical tumors G. A. Shapiro, S. S. Burchma, T. T. Herezov Vop med khim 12 no.6: 574-577 N-D 66

CUTWORMS...BIOLOGICAL CONTROL

Lptzooty of gamma moth L. Rybina, O. Trubochkina,

Zashch, 1ast. 11 no 11:43-44 166,

CYANIDES

Automatic control of the cyanide content of sawage. D. N. Sminnov, E. S. Monastyrenko, Vod., Fan , gidi, sont, no. 198-108 '66.

C YANOCOBA LAMINE

Effect of ethylenimine, ultraviolet rays, and of the combined effect of these factors on the variability of Actionizees auteofacters. Determination based on the synthesis of chloretracycline and vitamin B₁₂. N. B. Romanova, S. I. Vilkhanian. Antibiotilit ll no. R. 881-887 N. 166

Importance of vitamin By and of its combination with alcotinic acid in a compound treatment and normalization of oriention-reduction processes in hopatochologystitis B.S. Agnev Azerb med zhur no. 8 21-26 Ag 162

Participation of vitamin B_{12} in cholorophyll biosynthesis. T. N. Godney. E. P. Shahell skata Dokt. AN SSSR 171 no. 5 1227-1229 D '66,

Synthesis of vitamin B₁ by propionic acid bacteria and its relation to the conditions of cultivation N. M. Nero-nova, N. D. Jerusalimskii. A. I. Ancharova Mikrobiologila 31 no 2;203-208 Mr-Ap |62

CYANOCOBALAMINE AS FEED

Effect of vitamin B₁₂ on the requirement of swine and laboratory animals in methionine. M. F. Tomme, E. G. Filipovich, Sel'khoz, biol. 1 no. 61375-382 '66.

CYANOGEN COMPOUNDS

Infrared absorption spectra of aqueous solutions of tetra-cyano complexes of platinum IV, IA, Kharitonev, O. N. Evstaf'eya, I. B. Bai anovskii, Zhur neorg, khim, II no. Il-2524-2531 N '66,
Preparation of diamines and polyamines by catalytic

reduction of examples and puryammus by catalytic teduction of example groups. N. I. Sheheglev and others. Trudy Inst khim, nauk AN Kazakh, SSR 14:167-191 166.

CYBERNETICS

Creators and robots. A. Makarev. V mirc knig 6 no. 12.9-10 D 186.

Pereverzev, L.B. [Art and cybernetics] Iskusstvo i kibernetika. Moskva, Iskusstvo, 1966. 148 p.

Statistical method for determining the output signal of nervous net; orks V IU Meitus, Kibernetika no. 6 72-78 N-D '66,

Study of operator state signals, A.N. Luklianov, M.V. Frolov, Aytometrila no. 3 101-111 166,

Synthesis of minimal schemes, M.A.Aleksidze, Trudy Vych tsentra AN Gruz SSR 3:22-26 '62

CYBERNETICS-ABSTRACTS

[Journal of abstracts Cybernetics] Ref. zhur, 'Kib, no 1 Ja '67.

CYBERNETICS-CONGRESSES

Problems of a conomic cybernetics, A. Mikharlov, Vop. ckon no. 12 145-147 D 760.

Symposium on neurocybernetics held in Dubno. Kibernetika no 6 99-101 N-D 166

CYBERNETICS-PERIODICALS

Contents of the magazine "Subcinetika" for 1966. Kibernetika no 6 102-103 N-D '66

CYCLOALKANONES

Relation between structure and ofer in the series of norbornytes clanones 1.A. Kheritis and others Trudy VNIISNOV no 763-69 '65

CYC LODECANE

Catalytic conversion of cyclodecane on an aluminum chi orre-potassium catalyst E.S. Balenkova and others Neftekhimnia 3 no 5 659-662 5-O '63

Investigating the kinetics and mechanism of the liquid-phase oxidation of cyclodecane or molecular oxygen Part 5: Inducing effect of the conversion products of certain inhibitors on the oxidation of cyclodecane. Bykovi kenko: L. N. Shi-hkina: I V. Heiczin weftekhi-mila 3 no 5 737-712 S-O '63

CYCLOHEXANE (see also subdivision under Ukraine)

Adsorption method of rentoring benzene impurities from cyclohevane B.P. Luzianin, N.V. kellusev, N.S. Torocheshnikov Trudy MKHTI no. 41 191-186 '63.

Catalytic transformation of cyclohevane in presence of Jatalytic transformation of cyclonevane in presence of vater on nicket-alumina catalysts Report No. 2*
Dependence of duhydrogenation, methane decomposition and cyclohe cane reaction with water on temperature in different water concentrations in reactive mixture T. A. Slovekhotova, A. A. Balandin, G. I. Usova Vest, Mosk, un Ser 2, Khim 17 no 5:22-25 S-O '62.

Field testing of the smoke from heyachloran pots against mosquitoes in the taiga zone of the West Stherman Plann G I Getta, Sb n nauch, rab SibNiVI no. 11;105-108 /n2.

Mechanism of conversions of cycloalkylai omatic com-pounds in presence of HgSO; studied by means of labiled atoms. V G. Lipovich, V M. kazantseva Zhur org klum 2 no ll 2035-2037 N '66

Photochemical niti osation of mathyl cyclohexane L. A. Levashova,). A Strellsova, Neftekhimita 3 no 5;771-774 S-O 63

Residual hexachloran in feeds. M.G. Bondarcako, R. F. Grechanara Vutermarlia 43 no. 12:91-82 D '66

Testing hexachioran smake against miles causing scan-disease in sheep G.I. Getta Shor nauch, i ab. Shwivi no, li 109-202 '02.

CYCLOHEXANEPROPIONIC ACID

Quantitative determination of cis-isomer in a mixture of cis- and trans-j-(i-ammony-the cyl) propionic acrds in the infrared, Report No. 2. Experiment design in the estimation of criors due to instability of conditions under which analysis was conducted. I. A. Titora, 10. 1 Volodars-kafa. Zhur, anal, khim. 21. no. il 1363-1366

CYCLOHEXANOL

Mathematical model of the reaction of liquid phase exidation of cyclohexanot V.V Kharitonov, Zhin fiz. khlm. 40 no. 11.2699-2705 N 166

CYC LOHEXANONE

Some features of phenot alkylation by ten amethylethylene Relation between structure and olds in the series of substituted isobesylevelohexanones. L A, Kheifits, IU. Gura, A, S, Podberezina, Trud, VNIISNDV no 7:57-53 '65

CYCLOHEXENE

Stricocliemistry and reactivity of unsaturated compounds, Part 2. Synthesis and reactivity of a aldehydro acids of \$\Delta \text{-cyclohexene series}\$, G. P. Gugalova-Shemiakina, V. M. Andreev, S. A. Kazarian, Zhur org khim. 2 no il 2065-2071 N 166.

CYCLOPENTADECANONE

Macrocyclic compounds. Part 7' Synthesis of cyclopenta-dencanne (exalton) and pentadecanclide (tibetolide). E. P. Zinkeylch and others. Zhur, org. khlm. 2 no 11 2028-2031 N '56.

CYCLOTRON

Time-dependent structure of particle beams extracted from synchrocyclotron of Joint Institute for Nuclean Research, V G.Zinov, S. V. Medved⁴, E. B. Ozerov Atom, encig. 21 no. 6:445-449 D '66.

CYCLOTRON RESONANCE

Cyclotron resonance in inclined ma, actic field, M.IA, Azbel', V.G Peschanskii, Plat, v red, Zhur, eksper, i teoret, fiz. 5 no. 1:26-29 Ja '67.

Cyclotron resonance of current carriers in aluminum R.T. Mina. V. S. Edel'man. M. S. Khaikin Zhur ekspiteor. fiz 51 no 5,1363-1368 N 160.

CYMENE

Spectrophotometric analysis of products of liquid-phase p-cymene oxidation b. oxygen using mathematical treatment of spectra V S Grinev, G M Panchenkov Zhur anal Fhim 31 no 10 1274 1276 166

CYPRIAN ART see Art, Cyprian

CYPRUS-CONSTITUTION

Basic principles of the Constitution of 1960 in Cyprus M. A. Nunel'. Pramognavistro no I 140-148 (65)

CYPRUS-HISTORY

The legend "On the island of Byprus," an unknown hierary landmark of the 17th century O A, Befobrova Frudy ODR1 18 311-325 462

CYSTICERCOSIS

Cysticercasis of the brain, heart and skeletal inuacles, A M Khellmakii Med paraz i paraz bol 31 no 5-610-611 S-O '62

Priect of custing on the omatographic behavior and thermostability of poliomyelitis virus viriants S.V. Maslova, V.I. Agol. Vop. virus 11 no 5.581-585 5-O 166

CYSTS

Pneumomediastinography in the diagnosis of pericardial cysts L N Tishchenko Trudy Novokuz GIDUVa 32 cysts L 80-83 '65

Significance of follocular ovarian cysts in the development of mestopathy IU N Korepanov Problemdov igorm 0 no 1:95-98 Ja-F '63

CYTOCHROMES

Participation of the cytochrome system in serotonin oxidation in cardiac mitochondria in rabbits. A M. Zuboy-skala Vop med khim. 12 no 6.642-644 N-D '66

Relationship between ergocalcifes of (vitamin D2) and oxyhemoglobin and cytochrome c N V. Blazheevich. V B Spirichev Biokhimia 31 no 6:1100-1106 N-D '66

CYTOGENETICS

The genetic code, conclusions on the general nature of the code resulting from blochemical experiments FHC Crick Biolizika 8 no 5 529-35 '63

CYTOLOGIC DIAGNOSIS see Diagnosis, Cytologic

CYTOLOGY-CONGRESSES

Trip to Belgium, L.F. Larionov, Vest, AMN SSSR 15 no 12:73-75 '60

CZECH LANGUAGE-DICTIONARIES-RUSSIAN

[Czech-Russian dictionary on electrical engineering and electronics. Approximately 30,000 terms. Cheshsko-Russkii slovar' po elektrotekhnike i elektronike. Okolo 30 000 terminov. Moskva, Sovetskala Entsiklopedija, 1966, 524 p.

CZECHOSLOVÁKIA—AERONAUTICS IN AGRICULTURE With our friends Kryl rod 17 no 9:24 5 '66

CZECHOSLOVAKIA-APARTMENT HOUSES

Heat engineering problems in the construction of paneltype apartment houses in Czechoslovakia, M Galagiia, Arkhit SSSR no 7 55-56 163,

CZECHOSLOVAKIA—AUDITING AND INSPECTION

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CZECHOS LOVAKIA-BIB LIOGRAPHY

[New literature on Czechoslovakia] Nov. lit. po Chekh. no. 11 '66; no 1 '67

CZECHOSLOVAKIA-CONCRETE REINFORCEMENT-

On production and use of welded reinforcement in Czecho-A IA Brodskii Bet i zhel -bet 12 no 12: 37-38 D '66

CZECHOSLOVAKIA-CONSTRUCTION INDUSTRY-MANAGEMENT

Conference on the economic management of construction. Exon stroit 8 no 12:58 L 166

CZECHOSLOVAKIA-ECONOMIC POLICY

Reports from conference halls: Czechoslovak scholar in Moscow, B. TS. Urlanis' anniversary, Economic reform and academic studies Vop ekon, no. 12;150-152

CZECHOSLOVAKIA-EDUCATIONAL RESEARCH

Subjects of scientific studies in the Institute of Educational Research in Prague, S. Morzhan, Sov. pedag 30 no. 12,150-151 D 166.

CZECHOSLOVAKIA-ELECTRONIC DIGITAL COMPUTERS

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CZECHOSLOVAKIA-ORE DRESSING PLANTS

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CZECHOSLOVAKIA-POLITICS AND GOVERNMENT

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CZECHOSLOVAKIA-PSYCHOLOGY, RELIGIOUS

Some results of sociological study of religiousness in the northern Moravia region of Czechoslovskia, F Kadlelsova Vop nauch ateiz, ro.1240-272 ub

CZECHOSLOVAKIA-RELATIONS (GENERAL) WITH

Collected articles devoted to Russian Ideological contacts with Czechs and Slovaks, L. P. Pavlova Ist. SSSR 10 no. 6.174-176 N-D '66

History of Soviet cultural contacts with Crecheslovabla, T.1. Baskakova, Vop. ist, slav. no 2 230-238 '66

CZOBEL, ERNO, 1886-

Frno Czobel T M Islamov Vop ist 41 no 12-189-

DAGHESTÁN

[Forty-five years of Soviet autonomy of Daghestan] 45 lct sovetskoi avtonomii Dagestana. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1966. 103 p. (CSt-H)

DAGHESTAN-AIR-ANALYSIS

Iodine content of the air over Daghestan, L. A. Magome-dova, A B Salmanov Agrochlimita no 12:94-96 D 166.

DAGHESTAN-FOLK DANCING

Efendiev, A.M., and A.A.Obukhotich. [The lezginka abroad, travel notes] Lezginka zā rubezhom, putevye zametki. Makhachkala, Dagestanskoe knizhme izd-vo, 1984 54 p (MH)

DAGHESTAN-GEOLOGY, STRATIGRAPHIC

Palechydrochemical regime of Daghestan sedimentation basins in the Middle Jurassic, C. J. Timofeev, C. M. A. Alley Dokl, AN Azerb SSR 19 no 247-21 163

DAGHESTAN-HISTORY

Magomedov, S.M. [The October Revolution in the Terek region and in Daghestan] Oktiabi' na Tereke i v Dagestane. Makhachkata, Dagostanskoe knizhnoe izd-vo, 1965. 221 p.

DAGHESTAN-LABOR AND LABORING CLASSES

History of the Soviet laboring classes of Transcaucasia and Daghestan, N G. Kadyrova, 1st, SSSR 10 no 6 208-210 N-D 166.

[Leading force of modern times, from the history of the Soviet working class of Daghestan and Northern Caucasus] Vedushchaia sila sovremennosti; iz latorii sovetskogo rabochego klassa Dagostana i Soven nogo Kavkaza. Makhachkala, Dagestanskoe kuizhnoe izd-vo, 1964. 170 p. (CSt-H)

DAGHESTAN-MERCURY

New occurrence of natural mercury in southeastern Daghestan Ch M. Khalifa-zade, I. E. Efendiev. Dokl AN Azerb, SSR 19 no. 2 23-26 183,

DAGHESTAN-OIL WELL DRILLING

Mustafaev, N.A-B. [Some problems in the technology of well drilling in northern Daghestan] Nekotorye voprosy tekhnologii burenila skvazitin na Severe Dagestana. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1965,

DAGHESTAN-PETROGLYPHS

Debirov, P.M. [Petroglyphs of Daghestan] Rez'ba po kammiu v Dagestane. Moskva, Nauka, 1966. 205 p. (chefly Illus.)

DAGHESTAN-PETROLEUM GEOLOGY

Formation of all and gas pools in the carbonate sediments of the Upper Cretaceous and Lower Paleogene; hased on a study of the Saltabak structure in southern Daghe-stan, V. I. Galin, F.G. Sharantdinov. Azerb. neft. khoz., 42 no. 5:1-4 My 163,

DAGHESTAN-ROCKS, SEDIMENTARY

Origin of rhythmic sedimentary formations. V. T. Frolov. Biul. MOIP, Old. gool. 41 no.4:157-158 Jl-Ag '66.

DAGHESTAN-SHEEP-DISEASES AND PESTS

Contagious pustular stomatitis of sheep in Daghestan, P.P. Samoilov, A.A. Aliverdiev. Veterinariia 43 no. 1 51-53 Ja 167

DAIRY BARNS see subdivision under Turkmenistan; Udmurt A.S.S.R.

DARY CATTLE (see also subdivision under Estonia; Latvit)

Liakh, R. P., and R. A. Semikhim. [Formation of a dair, herd] Formirovanie molochnogo stada. Simferepal', "Krym," 1966. 35 p. Kı ynı (DNAL)

DAIRY CATTLE-FEEDING AND FEEDS

Methods for increasing milk and milk fat yields of , and a on dairy farms D. M. Moskalenko. Trudy Inst gen no 26 194-140 | 62

DAIRY CATTLE DREEDING

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DAIRY INDUSTRY-TECHNOLOGICAL INNOVATIONS

Mechanization and automation of production in 6 s dairy industry Inform bin1 VDNKII no 9 3 5 462

Davidov, R.B. [Principles of dairying] Osnovy mot < \gamma nogo dela. Ird. 2. Moskva, [Sel'idhezgir] 1957. 173 p. (Bibliotechka zhivotnovada po krupnomu rogatoma elota. no.15) (DNAL)

DAIRYING-EQUIPMENT AND SUPPLIES are nuldivision under Moscow Province

DAMPING (MECHANICS)

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DANCING (see also subdivision under Cambodia)

Mastlukov, G.A. [An ovening of dancing] Vector langa [Moskva] Profiz dat, 1965. 201 p. (KU)

Ustinoya, T.A. [Preserve the beauty of Russian dand of Bouch' Krasotu russkogo tantsa. [Moskva] Molodala gvardila, 1959. 111 p. (DGW)

DANILOV, VLADIMIR VALER'IANOVICII. 1881-

Viadimir Valer'innovich Danilov; on the 80th anniversare of his birth and 60th of his scholarly work, M. M. Turevich, A. P. Mogilianskii, Trudy ODHI 18,181-483 182.

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DANKOV (LIPETSK PROVINCE)-CHEMICAL IN-DUSTRIES -- FINANCE

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DANUBE DELITA—REED (BOTANY)
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DANUBE RIVER-WORLD WAR, 1939-1945-NAVAL **OPERATIONS**

OPERATIONS

Pyshkin, A.IA. [On the call of duty; the combat record of the lat Kerch-Vienna Red Banner Brigade of Armerd Boats] Po velenitu dolga; boovel put' 1-1 Kerchensko-Venskoi Krusnoznamennoi brigady bronekaterov. Meskva, Voenizdat, 1967. 167 p.

DANUBE VALLEY-SUNFISHES

Suntish in the bodies of water of the Danube Valley P I Pavlo: V P Billko Dop AN RESE no II 1511-1517-62

DARASUN REGION (CHITA PROVINCE)-ORE DEPOSITS

Behavior of titanum bearing minerals during hydro-thermal alteration of amphibulites at Durasun gold ere deposit. Transbolkalfa. E. M. Strekina. Geol rud mestorozh. 8 no 8 97-101 N-D 46

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Quaternary sediments of the Dardina Peninsula, K.V. Tunov, V I Sokolov Liv AN Tunk, SSR Ser fiz -tekh , khim i geol, misk no 6 H6-H8 '62

DARDZHA PENINSULA-GEOLOGY, STRUCTURAL

Geology of the Dardzha Penmsula according to the results of structural-profile drilling M.E. Mitzakhanov, V.V. Polishko, E.1 Ptushkin. Izv AN Turk SSR, Scr. fiz-tekh, khim i geol nauk no 482-87 '62

DARVIN SHOAL OIL FIELD -PETROLEUM GEOLOGY

Oil reservoirs in deposits of producing formation of Darvin Shoal oil field V A Crud/hev Azerb neft khoz 45 no 9-1-4 5 '66

DASHSALAKHLY REGION (AZERBAIJAN)-BENTONITE Bentonite deposits in the Dashsalal hly region A / Alizade Doki AN Azerb SSR 18 no 161-61 62

DAUGAVPILS (LATVIA)-TEXTILE FACTORIES Britans, J. [Young people's factory] Jaunibas rupulca. Riga, Liesma, 1966. 90 p. [In Latvian]

DAY NURSERIES

Developing the child's character, IA Pozniakova Doshk vosp. 39 no 12 19-15 D 186.

DAY NURSERIES—DESIGN AND CONSTRUCTION

Ways to improving operational efficiency of children's institutions, I. Nasedkin Arkhit SSR no. 12 12-

DEAF-EDUCATION

Development of heming in the kinder garten children with defective hearing, Report No.1, Role of auditory perception in teaching preschool children with defective hearing, K.I Anisimova Uch, zap. MGPI no 219:253-

Use of the present tense verbs by deaf children trained in kindergartens upon their entering a school. G.S. Avertkhina. Uch./ap.MGP no 219,245-248 '64

Working on synonyms in primary grades of the behools for the deaf. L.A Krotkova Uch. ap MGPI no.219; 229-244 464.

DEAF-MEANS OF COMMUNICATION

Ductylology and its mastering, Report No. 1. Some historical data on the didactics of the use of daetylology in teaching the deaf. A.G.Gerankina. Uch zap. MGPI no.219:175-197 '64

Forms of work on the development of speech in connection with reading in the 5th-7th grades of the schools for the dest. 11, A. Gorbunova. Uch zap MGPI no 219;222-228

Speech characteristics of children with defective hearing, V.A. Veselova Uch, zop MGFI no.219,249-252 164,

Visual perception of oral speech by deaf students. K.I. Hindly, Uch. 2ap MGPI no. 219 210-221 '64.

Clinical and anatomical characteristics of acite coronary insufficiency in sudden death, T.A. Naddachina. Trudy Inst im N.V. Sklif 7 187-192 163

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DECATRIENOIC ACID

Study of higher acids of aliphatic series. Part 10: Synthesis of tetra-1, 8, 12-decatifence acid. A. V. Novozhilov, G. I. Miegkova, N. A. Preobrazhenskii. Zhur, org. khim. 2 no. 11:1997-1998. N. '86.

DECONATION AND ORNAMENT (see also subdivision under Kazakhstan; Ukratne; Yugoslavia)

A new detachment of artists and "monumentalists," K. Kravchenko, Iskusstvo 29 no. 11:38-43 '66,

Soviet monumental art. N. Kutuzova. Iskussivo 20 no. 11:2-9 '66.

We must get ready for teamwork. G. Stepanov. 1skusstvo 20 no.11:33-37 '66.

We must improve the "language" of monumental art! E. Ablin. Iskusstvo 29 no. 11:17-18 '66.

DECORATION AND ORNAMENT, ARCHITECTURAL

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There should be concord between artists and architects in creative work. S. Ter-Crigorian. Iskussivo 29 no. 11,15-16 '66.

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The role of numismatics in studying the history of medicine F. D. Gribanov Izv. Sev. - Oset, nauch - 1591. 25:316-325 '66,

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phory is no. 12:16-21 in two. Effect of structure-free comentite on workability of cold-rolled mild sheet steel. Kuz. -shlam, proizy, 8 no. 12 15-18 D 166.

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DEFICIENCY DISEASES

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Distribution of deformations during drawing of large forgings, V. I. Zalesskii and others, Kuz. -shtam, protzv. 8 no. 12:1-4 D 166.

Effect of deformation rate on structural changes in tita-num. V. P. Severdenko. M. L. Kalachey, P. P. Ankut. Dokl. AN BSSR 10 no. 12:511-941 D 166.

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Effect of plastic deformation on crystal lattice defects, A.G. Kozlov, A.K. Shokevich, Dokl. AN BSSR 10 no. 10:735-738 O '85.

Flattening of hollow cylinder under concentrated loads L.S Burshtein Zap LGI 30 no 3:29-38 '61

Geometric parameters of the seat of deformation in continuous pipe for ming. P. I. Polukhin, IU, IA, Vathin, V. A. Rymov Izv. vys. ucheb. zav., chern, met. 9 no 12:01-95 '66.

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Interaction of kinematic and force parameters in the seat of deformation. V. N. Vydi in, L. M. Ageev. 1 vys. ucheb, zav. ,chern nut. 9 no. 12:96-101 '86.

Plastic torsion. L.M. Sedokov. Izv. vys. ucheh. rav.; chem met. 9 no. 12:81-84 '66,

Possible determination of motion parameters of a deformed body. I.T. Selezov, R. Piikl, mekh. 2 no. 11:97-102 '66. R. A. Gudymenko.

Residual bending deformations arising during welding and hard facing of flat parts. L.N. Kopetman. Trudy LIVT no. 82 71-80 *65

Study of effect of composition of polyesters on resistance to light of polyester resins V. N. Arkdzhovskii. O. E. Pflaumer Shor trud VNIINSM no 7:110-120 '66.

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Degas, Hilaire Germain Edgar. [Degas, 1834-1917] Dega, 1834-1917. Moskva, Sov.khudozhnik [1905] 36 p. illus. (Mastera mirovogo iskusstva)

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The mal-degradation of epoxide polymers of di-[{2-gly-cidexymaphthyl] amides of dicarboxylic acids—I. V. I itvinenko, B. M. Kovarskier, K. A. Korney Khim prom. Uki. no 8-22-21 N-D 466

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Deuterons and weak interactions. L I Smirnov = I\d, fi = 4 no 5 1016-1020 N $^{+}66$

DEXTRAN

Effect of polygluon on the morphological composition of the peripheral blood in patients with cancer of the stomach, large intestine and lineast, I L Goldman, N. A Messineva, A A From Vop onk 9 no 3 69-71

DIABETES

Changes in the functional state of the stomach in diabetes manges in the functional state of the stomach in dimonical file in the interest of insulin treatment, N A Kalimina Sov med 29 no 13 22-26 D '66

Content of cholester of and legithin in the blood in diabetes mcllitus N B Cumbator, Azerb, med zhur 40 no.1; 50-64 Ap 163.

[Diabetes mellitus and discases of the eyes] Sakharnyl diabet i zabolevaniła glaz. [By] M. G. Margolis i dt. Moskva, Meditsina, 1966. 172 p. (Diblioteka prakticheskogo vracha) (DNLM)

Distribution of sympathomizetic amines after introduction of advenating into the tissues of healthy rate and into animals with allovan diabetes. A M Bain. Probl. crdol i goi m 9 no.1-12-18 Ja-r '63

Sure golds as a solution of diaboles mellitus with subminimide preputations and causes of their ineffectiveness A A Lobanov, G V Bright Problemdok; gorm 9 no 151-79 Ju-T (6)

DIABETES—COMPLICATIONS AND SEQUELAE

Diabeles in Illius and its complications, T. 1, they, Azerb med thur no 8 52-55 Ag 162

Diagnosis of some diseases of the stomach by means of transillumination on the operating table. A.V Grigotian, L.V Lutsevich. Khirurgila 42 no 11 41-17 N (6)

State of bacteriological diagnosis in our country N. A. Krave unro Lab.delo no.1,61-62 '67.

DIAGNOSIS, CYTOLOGIC

Comparative cytologic analysis of the influence of the virus on the cell S IA Zalkind Frudy Wosk mach - issl instvirus prop no 3-218-224 %5

Methodology for postnoitem extedge examination of vishings of the thorier, duct in malignant abdominal tumors V A Biblio v Eksper khir i amest 0 no 6: 17-10 N-II 63

Possibilities of cytological evamination in the diagnosis of breast tumors under the conditions of a polyclinic, K Agamova, I.M Charloy, Vop. onk, 12 no. 12 p-10 166.

DIAGNOSE, DIFFERENTIAL

Comparative evaluation of cuido- and Isparoscopic methods in the diagnosis of cancer of female genitalia D. V. Nikolaeva Vop onk 12 no. 11-78-80 '66,

Differential diagnosis and the treatment of acute gastric hemorrhages F.G. Uglov, S.S Sokolov Trudy Inst. im N V. Sklif 7 62-56 163,

Differential diagnosis of inflammations and tumors of adness uteri V. P. Aizenberg Vop. onk. 12 no. 11-84-88 '88

Differential diagnosis of pulsating formations in the neck, G L, Rainer, A, A, Fokin Khitungiia 39 no. 2:142-143

Dirois in the diagnosis of nodulm goiter. A.P.Kalimin, S.B Pinskii, Probl.endok.i gorm. 9 no.1:109-110 Ja-F '63.

Gastrointestinal hemorrhages of nonulcorous etiology. B.A.Petrov, E.I.Gallperin, Trudy Inst. im. N.V. Sklif. 7 33-38 '63

Significance or local (topographic) leucocytosis in the differential diagnosis of some acute intestinal infections M. M. Budzhe, L. I. Izrailet Sov. med 26 no 3-118-124

Significance of rectoromanoscopy in the examination of gynecological patients A.S.Ol'shanetskii. Vop onk, 12 no.11:81-93 '66.

Some clinical and X-ray characteristics of duodenal diverticula S I Nazarov Trudy Novokuz GIDUVa 32-100-104 465

Spinal echnicoccoula - N.V. Sukharfun - Trudy Scotter - GDUVn - P 417-120 265

Study of the behavior of cultures of Pasteurell (persitor tuber culo do isolated in Leningrad on a differential median supported by the Irlands Institute A.P. Andreever and others. Trudy Gos irrarch stod printless chum first 16 105 -108 150

DIAGNOSIS, RADIOSCOPIC

Comparative evaluation of bronches and angiographic 157 in the diagno (brot tuber culoria - N/V Sukharha) - 177 (Novola - GDUVa - 32/12/16 - 465)

Novolu (IDU) a 22 12 (0 m) Dilachenko, V.A. [X-1ay diagnosis of diseases of the Litonal organs; manual for doctors and students] Rentgenodlagnostika zabolovanil vanteemikh organos rukovodstvo dia vinchel I studentov 2 1zd (do). Mo skva, Meditaina, 1960, 504 p (DNLM)

Diagnostic significance of radiofiotopic scrining of the liver in some endocrine and other diseases. Trust of go MML 13 lo5-170, 655

go many (1707) to the bit of diseases of the bit of 1, D Lustykeeskaid Linds Novoluz GDDVa 1217

Diverticula and diverticulative protructions of the dusther I bulb | S. I. No. neo. | Lendy Novokuz | GIDEVa | 12-12-1465

l valuation of tomographic arctions in the diagnostic of pulmonary diseases. N.V. Sakhatina. Trudy Novelse, GIDHVa. 42,47-40, 55. I for one dysplash of the bones with preferable lesself of those in the shall to K. Wolokova. Truds Novoles

tion in the shall -17 K Molokova GIDUVa 32:411:413 %b

Guided at rial pulmonary roentgenography with turner of the patient fine various phasm of recept atom as method for a more precine diagnosts of affice discountries. It is Molokova. Trudy Novokuz GIDUVA 12:53-56. Jan.

Malignant degene) atlon of onteodynti ophia deform us r Pageth disease M.K. Klimova Vesticulii al no 3:15-50 My-je 462

Makaumov, D. N., and I. A. Agzambhedzhaev. [X-119]
diagnosts of diseases of the billary tracif Rent, anddiagnostha zabolevanii zbelchnyki, putet. Tushkent,
Meditsina, 1066. 115 p. illus.
(DNLM)

Myeloradiometry in diseases of the splinal cord, V 1.6, Trease !! Med rad I so, 8:11-16 Ag 26.

Problem of the so-called a steady esteomary L.G. I quarter Vest rent find of no differs; My-Je 162

Problem of Norway hyperdiagnosis of the onic goal fiest V.IA. Unit. Frudy Novokus GIDIVA 32311-97 her

Radiofentope diagnosts of mallgannt lumora of accessingly of the none V. S. Khudobebs, Klin out. smusca of the none no 1/25-217 165.

Role of the partetegraphy method in the diagnosis of gustric cuncer - V-15, Antonovich - Vest rent from no 3 21-27 - My-Je - 160,

Role of an opensia in the N-ray diagnostic of greater and duodenal discount. 1. D. Lantekovskatta, 1.8. Methods. Trudy Novokov GIDHVA, 32-98-91, 965.

Significance of duode nagraphy during a ratate of artifict 4 hypotension in the diagnosis of duodenni divertical; Let Dobyellin – Frady Novokaz GiDUVa (32)6, 90 for

Solodeva, V.D., and Z.I. Krugilkova. [Clinical X-128] diagnosis of pulmonary leating in respiratory infection in children [Kibniko-rentgemologichesianta diagnosis). legochnykh porazhenti pri respiratornykh infektaliski u detel Moskva, Meditaha, 1986, 177 p. detei (DNLM)

Some problems of the differential X-ray diagnosts of gastric cancer [1, A, Shekhter Vent rent 1 rad | no 3/14-20 My-Je | 62.

Specification of diagnosis of arygos lobe of the sensors pure P. D. Bogatina - Frudy Novokaz (iIDHVa 3245 bg Fr

Two cases of dissecting outcomhonia of the falocina al joint corrobor and by 1 owntgenography in the third (oblique) grajaction 1 5, tolubkaya Trudy Varakas GDUVA 12:125-126 ta5

X say detected antonical forms of cancer of the stan p of the resected stumach 1. C. Fridman Vest. rest 1 1 ad 37 no. 3:34-39 My-de 62

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X-ray diagnosts of leatons of the talectural joint in the third (oblique) projection 1° S. Golubkova Taudy Novokuz GIDUVa 32:121-124 '69

DIALECTICAL MATERIALISM

Dialectics of scientific discoveries, B. M. Kedley, Vop. filos. 20 no. 12,28-37 466

vop. 1109. 20 no. 12.20-31 100

Rostovskii-na-Dona gosudarstvomyi pedagogicinskii
insikut, Kafedra filosofii, [Problems in historical and
dalectical materialism] Voprosy dialekticheskogo i
istoricheskogo materialisma, [Rostov-na-Dona] Rostovskoe kni/hme Ld-vo, 1906. 214 p.
v. I. Lenin's patiosophical notebooks, A. Kasynizhanov.
Kommunist 43 no 2:35-44 b 197

DIAMINE OXIDASI:

Histomine-histominase system in Eacher felific coli endo-toxin intoxication K.A.Korovnikov. Pat.firiol.fcksp terap. no.3:11-14 [61].

DIAMONDS see subdivision under Yakutia

DIAMONDS-CONGRESSES

Second conference on the geology of diamond deposits. I S. Rozhkov, B I Prokopchuk Geol tud, mestorozh 5 no 6 115-118 N-D 166

DIAMONDS, INDUSTRIAL

Birin, B., and N. Dobrzhinskii. [Diamond abrasive tools in the machinery industry] Almazno-abrazivnyi instrument v mashinostroenii. Riga, Latvilskii respubl. intruuchno-tekin informatsii i propagandy, 1966. 58 p.

DIAPHRAGM

Examination of the endothelium of the lymphatic capillaries and vessels of the rabbit disphragm (4 G. Ar high anatoright tember 11 no 3 81-90 Mb G. G. Aminova

Boys' diarres, R Granina Nat, obr no 12:57-60 D '66

DIATHERMY

Early use of disthermy in the treatment of radial frac-forces in the typical location | I., Talrova Travmainlogita no. 1 328-339 (6).

DIATOMACE OUS EARTH | see subdivision under | Armenia

DIATOMS, FOSSIL see subdivision under Kamchatka

Nechanism of polymerization of aliphatic diazo com-pounds. M. G. Ki akoviak, E. V. Amiti icva, S. S. Skorokho-dov Vysotom soed 8 no 10:1681-1685 O 166.

DIBENZOCYC LOHEPTENEPROPY LAMINE -- THERA-

PEUTC USE
Climent (est of damlien (amitryptilent), I.N. Mikhalenko,
IU. L. Muller, Zhur, nevr. 1 psikh, 67 no. 1431-135 167.

Effect of adicinatine and dibenamine on the blood pressure in animals irradiated with V rays. A V, Lazovskaio, Vop. radiobloi. $\pm 486-92$ ± 61

DIBORANE—S PECTRA

Calculation and interpretation of vibrational spectra of diborane compounds. Part 1. V. N. Kapshtall, L. M. Sverdiov. Zhur fiz. khim. 40 no. 11,2818-28 22

DICKITE see subdivision under Kafan District

DICKSON ISLAND-GEOPHYSICAL RESEARCH

Geophysical work under the program of the International Geophysical Year at the Dickson Island observatory IA.I. Fel'dishtem, T. S. Gol'm Probl. Arkt. no. 7.131-

DICTATORSHIP OF THE PROLETARIAT

Chirkin, V.E. [Forms of the state in the phase of transition to socialism] Formy gosudarstva, perchodnogo k sotsfalisticheskomu tipu. Moskva, IUrid, lit-ra, 1966. 222 p.

DIE CASTING

Calibrating graphs for the rate of compression in die casting machines — A K. Belopukhov and others — Ltt. profest — no 12:16 — D -166

Quality of pistons cast into a chili A. M. Osokin. Lit proizv no 11;4-10 N *63

DIE CASTING-EQUIPMENT AND SUPPLIES

Unified molds for die casting, N. I. Domrachev and others, Lit protzy no 12 33-34 D '66,

DIELECTRIC CONSTANT

Effect of some statistical factors on scattering characterfsties of finite cylinder V, V, Tamolkin Lz vys welch.znv , radiofiz 0 no 6-1124-1133 '66 Measuring refractive index of NaCl and CsCl type crystals 1', M, Dianov, N, A Irisova Fiz tver tels 8 no 7;3265-

2266 J1 *66

DIELECTRIC LOSS

Mobility of polyhalostyrene macromolecules, Part l' Study of the forms of molecular motion of poly-2-fluoro-5-methylstyrene by the dielectric losses and polarization methods, G.P. Mikhalivy, T I Portsova, Vysokom, socd, 4 no. ll:1732-1738 N '62.

DIELECTRICS

Device for measuring £ and ig f of dielectrics. L. N. Chugunov Ezv vys uchob. zav ; alektromekh 8 no 16,1162-1161 '66

Electric strength and electric conductivity of liquid dielectries containing water. M. V. Kuriin, A. A. Spirin, IA. M. Frankfurt. Khim. i tekh. topl. i masel II no. 12:40-50 D 486.

Preparation of sodium-bismuth molybdate and tunstate-M. V. Mokhosoev, S. M. Aleikina. 12v. AN SSSR, Neorg mat. 2 no.11;2084-2086 N '66.

Studying accordary emission from porous emitters, intensified by electric field. N. L. IAsnopol'skii and others. Izv. AN SSSR, Ser. fiz. 30 no. 12:1882-1887 D '65.

DIELECTRICS-MAGNETIC PROPERTIES

Magnetic properties of catalysts-ferrodielectrics. Part 6, V.D.Korlov, V.B.Evdokimov. Zhur,fiz. khim. 40 no.11:2876-2881 N 166.

DICLECTRICS-MEASUREMENT

Method for automating the incasus ement of the frequency characteristics of the parameters of dislectives. Arsh. L.A. Krasin - Actometria no. 5-32-36 bb

DIENE SYNTHESIS

a, β-Unsaturated thiol acetates, Part 2: Virilthiol acetate in diene condensation N P. Petukhov, E. N Pride haceva Zhur org, Jhim 2 no H 1951-1961 N 466

Diene synthesis in proparation of odorous substances Report No. 2 Syntheses on the basis of alliphatic tempore high occasions N. I. Skyot (50%), G. V. McLeshkina-Lossiuk, A. V. Gurevich - Trudy VNHSNDV no. 7-32-35-65

DIES (METALWORKING)

Comparing output in drawing with combined and grooved dies. P. F. Ivanushkin, B. S. Kargin, P. P. Andrushenko, Kuz, -shtam, proizy, 8 no. 12/10-14 D 46.

DIESEL ENGINES

Effect of the dynamics of the motion of the needle of an atomizer on the unjection process of a high-speed diesel engine. I V Astakhov. Phergomashmostrocine. 8 no 8 13 - 16 Ag '62

Heating diesel engines before starting V N Popov and others. Trakt 1 selPhozmash no 12 H-13 D 166,

Improving the technical and economic indices of diesel and gas engines, seminar—Interm buil, VDNMH no 8.7-8. Ag 162

Selecting the size of adjusting clearance in the valve mechanism of chosel engines, B K Balmk, B 5 Erromenko, Trakt i selikhozmash, no 12 m-9 D 166

DIESEL ENGINES-FUEL SYSTEMS

Per mskil sel'skokhorialstvennyl institut. Per for mance of the fuel system of a tractor diesel engine | O rabochem proteesse toplivnoi sistemy trakto mogo dizelta [Perm'] Permskoe knizhnoe izd-vo [1966] 58 p (Its Trudy. Oldel'nyi vypusk)

[MICROFILM]

Photoelectric apparatus for according the instant consumption of fuel and the movement of the rack B. A. Tazenkov, D. S. Grishin Zap. LSKIII 96-124-128 65

DIESEL ENGINES -- MAINTENANCE AND REPAIR DIESEL ENGINES—MAINTENANCE AND REPAIR
Minskil molornyi avod. [D-50 and D-502 dieset engines,
handbook on operation and maintenance] Dizel'nye dvigatell D-50 L tukovodstvo po eksplaatatsit i
ukhode. Ird.2., lepr.; dop. Minsk, Urozhai, 1966,
135 p. diagrs. (insert)

DIESEL ENGINES-TESTING

Methods for determining the average indicated pressure of a diesel engine. N.S Zhdanovskii, P.P.Vysheslavtsev, Zap.LSKHI 96:150-157 '65.

DIESEL FUELS

Neutralizing capacity of the AzNII-7 multifunctional additive, V, V Vasifieva, Azsib neff, khoz. 42 no. 3, 39-40 Mi. 163.

School of progressive experience in the economy of diesel fuel. I G. Murzin. Flek i tepl. tiaga 10 no 10 27 0 166

DIESEL LOCOMOTIVES

(see also subdivision under Great Britain)

Development of diesel locomotive traction during the five year plan, 1906-1970. S.N. Surzhin Elek i tept tiaga 10 no 10 9-11 O 166

DIESEL LOCOMOTIVES-ELECTRIC EQUIPMENT

Flectrical network of the TGMZA dessel switch engine.
V. A. Pozdniskov, J. V. Borlsovi. Elek, i tepl, baga 10 no. to 28-31 O 166

Pailure of the S contactor of the TEM! diesel locomotive, 1U. T. Kiselev Pick i tepl tiaga 10 no, 10: 31-35 O 166,

DIESEL LOCOMOTIVES-HYDRAULIC DRIVING

Prospects for using mainline diesel locomotives with hydraulic transmission. N. A. Fufrianskil and others. Zhef dor, transp. 18 no, 10:47-51 O 486,

DIESEL LOCOMOTIVES-MAINTENANCE AND REPAIR Frenkel', E.B., V.G.Komolov, and S.I. Falb. [Repair of the electrical machinery of electric-rolling stock and diesel locomotives] Remont elektricheskilch mashin elekti opodvizimogo sostava i teplovozov. Moskva, Transport, 1966. 451 p.

Industrial system of repairing locomotives, IU.1A. Fishbein, Zhel, dor, trensp. 48 no. 10;40-44 O 66 Work practices at the Politava diesel locomotive repair plant T. V. Gaevol, A. S. Timosbenko, Flek i tepl. tiaga 10 no 10 1-7 O 166

DIESEL LOCOMOTIVES-TESTING

Rheostatic tests of TEI0 diesei locomotives M. F. Kuzen-ko, B. D. Ogionko, A. A. Alekseev Fluk, 1 tepl. tiaga 10 no 10 21-23 O *66.

DIESTERWEG, FRIEDRICH ADOLPH, 1780-1866

Diesterweg's views on the development of the creative ability of students. D. Zholduev. Vech. ered. shkola 9 no.6:85-87 N-D 166.

DIETHYLENE GLYCOL

Tavicity of LZ-5. IU. P. Sanina, T. A. Kochotkova. Toks. nov. prom. khim. veshch. no. 9:136-147 '66.

DIFFERENCE EQUATIONS

Stability of difference equations, L V. Maslovskaia, Dif. uray 2 no 24176-1183 5 466

Stability of difference stochastic systems in the case of continuous petturbations. T Akhmetkulky Dif urav 2 no.9,161-1169 5 '65

DIFFERENCE EQUATIONS—BOUNDARY VALUE PROBLEMS

Numer ical solution of some mixed boundary value problems for Poisson's equation for strip I M Velikoiva-nenko, I I Mashko Vych mat [kiev | no 2:166-178 %6

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DIFFERENTIAL-DIFFERENCE EQUATIONS

Operational method for solving linear differential-differ ence equations with constant coefficients. O. A Dyahin. Du.may 2 no 9,1193-1200 S '66.

DIFFERENTIAL EQUATIONS

Algebraic solutions and limiting cycles of a certain differential equation M G, Khudai-Verenov, 1º AN Turk SSR bei fiz -tekh , Phim i geol nauk no. 5 3-8

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Behavior in the large of phase trajectories of quasi-linear differential equations with delayed arguments III 2.
Neimark, I. Z. Fishman - I/v vys ucheb - ev , radioi/r - 9 no 6 1210-1216 - 66

Classification of non-oscillation cases for the equation if p(t) + q(t)x | O where q(t) is of constant sign | A. Iti. Levin, | DoFI, AN SSSR | 171 no | 5 1037-1040 | D | 166

Correctness of the Cauchy problem and analytic solutions to an evolutional equation, S.G. Krein, Dokt, AN SSSR 171, no. 5 1033-1036, D. 166,

Derivation of a nearly exact stationary asymptotic solution to a quast-linear system P M Senyk, S H Senyk Dop AN URSR no 11:1402-1406 '66

Difference schemes of numerical calculation for four thorder differential equation with specially selected net A. K. Hodarchuk. Vych mat [Klev] no 2,33-65 [66]

Direct and inverse problems of V A. Markov in complex action. Part II V.D. Koromyslichenko. Uhr. mat. zhuz, 18 no. 6 12-25 166.

Higher approximations in Bogoliubov - Krylov's averaging method. P. P. Zahreiko, I. B. Ledevskala - Doki AN 555R 171 no.2.282-265 N 166.

Limit cycles of an autonomous system. L. A. Cherkas. Doki AN HSSR 6 no 6:347-350 Je 162,

Method of electronic simulation of differential equations II ID, Pukhov Dop AN URSE no II-1410-1411 '66

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Problems involving eigenvalues for second-order differen-tial equations in Banach and Hilbert spaces G I Laptev Diffuray, 2 no.9:1151-1160 S '66.

Reducibility of system of ordinary differential equations near smooth integral manifold A.M. Samotlenko, Ukr. mat. /hur 18 no. 6.41-64 '66,

Solutions to a boundary value problem for stochastic dif-ferential equations, Han' Chrhan-taman' (Kan Chang-ch-'Um) | Dop 'N URSR no il 1421-1425 [62.

Some aspects of summary representation method G N Polorhit Vych mat [Kiev] no 2:31-52 '66 Stability of stationary solutions to one mixed problem. T 1. Zeleniak. Dokl AN SSSR 171 no 2-268-268 N '66.

Strong solubility of Tricomi problem. N.G. Sorokina. Uki mat, zhut. 18 no 6.65-77 '66.

Study on method of triangular Relations, V.N. Laptin-skii, Dovi AN BSSR 10 no. 10 732-731 O 166.

Theorem of existence and uniqueness for ordinary differential equations [A.H.Hai. Dop. AN URSR no. 1]

A theorem on the existence of quasi-periodic solutions to a differential equation with small parameters in Banach space. K Emzhalov, M.U. Tulegenov. Vest. AN Kazakh, 59R 22 no. 10:12-14 O *66.

Theory of invariant surfaces, V.A Pliss, Dif.urav. 2 no.9:1039-1050 S '66.

Various forms of equations of motion for nonholonomic systems in holonomic coordinates. L. H. Lobas. Dop. AN URSR no. 11 1436-1440 62.

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The Almansi-Michell problem for a homogeneous anisotropic cylind, ical beam. G.M Khatiashvill, Trudy Vych tsentra AN Gruz SSR 3-141-184 [62]

Convergence of small parameter method in solution of problem of bending nonorthothopic clamped plates, V.S. Sarkasian, Izv. AN Arm, SSR, Mekh, 10 no. 2:20-30 66

Determining interval of applicability of Chaplygin's theorem, V.S.Bozdomnikov, IV.V.Komlenko, Dif, urav. 2 no.9:1170-1175 S *66.

Difference method for solving some boundary value problems involving coefficients B, M, Budak, A, D, Iskenderov, Dokl, AN SSSR 171 no. 5:1054-1057 D '65.

Dirichlet problem for strongly connected elliptic systems. Nguyen Thua Hop Doki, AN SSSR 171 no. 2:292-295 N *56.

DIFFERENTIAL EQUATIONS-BOUNDARY VALUE PROBLEMS (Continued)

- In the note in the nitron of sign of Green's function in text the best first salar problems for the equation $(0) \cdot n_0(0) \cdot 1$. Inducents on Dokt is Book 10 to $(0) \cdot n_0(0) \cdot n_0(0)$.
- Generation of General Properties of the MA Mileston Product to the terms W. Gods SSR 3 3-21
- Margally an equality to industry. The problems for system of times countries? I is involved in quantities A in him is a Burn 1 A is Seek 171 no 2 254-261 27 466
- the inequality on transitions in one cannot close and for boundary who percolains with strong day normation on the least law consisting of a curve said a point. IU D Solai one. Difference 2 no fill-1227 to 160 Renails on one class out or make an amount representations. A Secretagaths, G., Polozhi, Avel mat [kit.] 10 2 144-153 166
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- Some problems or rigid dynamics and their application to the crost crusters Int I severor Zap I GI 39 no 3 f7-74 bl
- A specific problem for a mixed type equation. N.W. Vakhanna. Trudy V ch tsentia AVGr in 55R 3 69-80
- S'abilit, or transter sally factionic circular plates. A. P. Melleman, A. A. Klaratrian Izy, AN Arm, SSR, McJb, 19-1,0-2-31-39 bb
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DIFFERENTIAL EQUATIONS, ELLIPTIC-BOUNDARY VALUE PROBLEMS

Problems concerning eigenvalues with parameter in boundary conditions for elliptic equations degenerate in part of domain boundary, A.N. Komaienko Uki, mat zhur. 18 no,63-11 '66

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- Stability and instability of solutions to linear differential equations of n-th order with periodic coefficients. Ukr. mat zhur 18 no 6 117-122 '66

DIFFERENTIAL EQUATIONS, NONLINEAR

- Realization of Newton's method by means of electronic digital computer. V. E Shamanskii. Ukr mai zhur. 18 no # 135-140 '68.
- Some approximate methods for solving nonlinear equations containing unlimited operators A E. Martyniuk, lz: v3s ucheb zav mat no 6 85-91 166

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Cadmium diffusion in indium an aemide N. V. Zolova, A. A. Lebedev, D. N. Nasledov - Fiz tvei - tela - 8 no 7 2074-2076 31 '60

- Calculating diffusion in a two-phase medium with a me ing phase boundary, V. I. Mal hnenko Avtom, svar. 10 no 12:1-5 N [1 e D] '66,
- Diffusion-controlled electrochemical processes in the case of diffusion coefficient depending on concentration, 5,1 Krichmar. Electrochimita 2 no 11 1315-1347 N 166.
- Diffusion of impurity atoms in liquid Ga and Sn. II. I. Onopi nenko, P. P. Kur'menko, IE. I Khar'kov Uki 112 zhan il no ll 1264-1265 N '06,
- Effect of diffusion on Mosabhuer spectrum of impurity complexes in crystals M.O Kryvohlaz, S.P Repetel-kvi Ukr fiz zhur II no. Il 1215-1221 N '66,
- Effect of extradisfusion inhibition on the process in porcus catalyst V G Levich, IU I Kharkats, L M Fishmen Dokl AN SSSR 171 no 2 406-409 N 166
- Electro-transference of sulfur in titanium. I, F, Kononiuk, M. M. Pavl mchenko Dokl AN BSSR 6 no. 6:373-375
- High-temperature mobility of atoms, components of the system motybdenum tangsten, D. F. Kalinovich, I.I. Kovenskii, M. D. Smolin, Porosh, met. 6 no 1157-61 N '66.
- Role of distinction processes in scattering of slow neutrons in liquids. OK Ivanov. Zhur eskp i teor fiz. 51 no 4*1120*1126 O $^{1}66$
- Temperature dependence of stationary distribution in the electrodiffusion in K-Na alloys T N. Sergeeva, S.I Drakin Trudy MKH11 no. 11 89-90 '63

DIFFUSION COATINGS

Certain characteristics of carbon diffusion in molybdenum carbide A V. Shovensin, G. V. Shoherbedinskii, A. N. Minkovich Porosh met 6 no. 11:48-51 N 186.

DIGESTION

Data on the physiology of membrane (contact) digestion.

Report No. 4: Starch splitting in the freq vascular system. A M. Ugolev, V V. Chernousova. Biul.elsp.biol. i med 55 no.5;25-28 My 63

Review of L. I. Dvinianinov's book "Research on physics logy and pathology of digestion performed in I. P. Pavlovs laboratory "E.N Speranskala, A.N. Ugolev, Fiziol, zhut 48 no. 10 1285-1286 O 482,

DIGESTION-CONGRESSES

Latest data on the physiology and pathology of digestion (results of the conference in L. 1909). I. T. Ruilsin, S.S. Poltyrev. Vest, AMN SSSR 15 no. 12 83-87 '60.

DIGESTIVE ORGANS

Morphological data on the experimental study of digestive processes [U, P Antypchuk, Dop. AN URSR no. Il 1511-1513 '62

DIGESTIVE ORGANS-DISEASES

DIGESTIVE ORGANS—DEEASES

[Multivolume manual on pathological physiology] Mnogotomoe rukovodstvo po patologichoskof fiziologii,

Otv.red. N. N. Sirotin. Moskva, Meditsina,

Vol. 4. Leites, S.N., and S. M. Pavlenko, eds.

[Pathological physiology of the digestive system,

liver, endocrine and nervous systems] Patological

cheskala fiziologila pishchovaritolinoi sistemy,

nothent, endokrimut i nervonal sistem, 1908. pecheni, endokrinnoi i nervnoi sistem. 1986, 548 p. (DNLM)

DIGESTIVE ORGANS—FISHES
Microscopic anatomy of digestive tract in young salmon
(Salmo salar L.) O. IU. Kudinskii. Trudy MMBI no 12; 112-119 466.

DIGITAL INFORMATION TRANSMISSION

Characteristic of recommendations of the International Consultative Committee on Telephony and Telegraphy G.A.Shigin Elektrosviaz! 20 no 12 61-69 D 166.

DIKES (ENGINEERING)

Cofferdamming of the gap of a high-pressure dike. V. M. Tavrizov Gidr stroi 33 no.8:H-12 Ag '63

DIKSON ISLAND ace Dickson Island

DILATOMETRY

Studying solid phase reactions with help of a micrometric dilatometer. A. F. Bessonov, G. A. Taksis, IU. N. Semavin. Porosh. met. 6 ao. 11:72-76 N 186.

DIMENSIONAL ANALYSIS

Geometric characteristics of nonsymmetric H-beams in similitude criteria, L. M. Belen⁴kii. Trudy Kal tekh inst, ryb. prom. 15 19-31 482,

DIMETHOATE

Practice in the use of traiene and dimethoate in controlling warble flies G. I. Getta Sbor, nauch rab, SibNIVI no. R 191-194 462

DIMORPHISM (ANIMALS)

Dimoi phism of Papilio machaon kamtachadalas Alphoi ak (1887) (Lepidoptera, Papilionidae) III P Nekrutenko Dop AN URSR no 11-15-06-15-09 | 58

DINARA, Queen of Georgia-Art

The tale of Queen Dinata in Russian fine art Ovchimikova Trudy ODRL 22 222-2 48 466

TISe point diodes G. A. Akhundov, G. B. Abdullaev. Dokl AN Azerb SSR 18 no 4:11-13 '62

DIODES, SEMICONDUCTOR

Avalanche transit diede, a new semiconductor micro-wave device V M Valid-Perlov, A V. Krastlov, A.S Tager Radiotekh i elektron, 11 no 11 2008 -2023 N 166

Effect of real contact on volt-ampere characteristics of diode. G. M. Avak'ianti, G. Khashinov. Izv. AN Arm. SSR. Fiz. 1 no. 2485-94 466.

Effect of trapping levels on volt-ampere characteristic of semiconductor diode G. M. Avak Lonts, A. U Nakhl mov Lev An Arm SSR, Fiz. 1 no + 164-160 (68

Theory of dynamic characteristics of long diodes. C. M. Avak lants. Sh. Kanifazov, Izv. AN Arm, SSR. Tiz. no. 2;95-101 166.

Volt-ampere characteristics of diode with clamped tenrecontact. G. M. Avak limits, G. Khashimov. 17v AN Arm. SSR Fiz. 1 no 3 170-101 life.

DIODES, SEMICONDUCTOR—OSCILLATIONS

Generation of electric oscillations in semiconductors contring direct current. G. M. Avaktants. Sh. Kantinzov. Izv. AN Arm. SSR, Fig. 1 no. 2:105-110 '66.

DIODES, SEMICONDUCTOR—PHOTOELECTRIC PROPERTIES

Offect of that go exchange of deep impurity levels at electric injection F M Bekoyskii, R S Kesymova 117 tver tela 8 no 7,1905-1989 Jl '66

DIODES, SEMICONDUCTOR—SPECTRA

Tunnel-type and fative recombination in para-junctions A C. Movicho A. H. Ormani. Zhur ekspriteen fiz 51 no 5-1292-1305 N 106.

DIPHENHYDRAMINE

Changes in higher nervous activity in dogs of various nervous system types under the influence of discolori L. K. Dantiova Zhur. vys. nerv. detat. 13 no. 4,873-879

Physiological analysis of the preventive action of dia a . drol in homoheter of canafuston shock K. A. Shatmar danov Biul eksp. biol i med 55 no 5:44-48 Je 4

DIPHENHYDRAMINE-PHYSIOLOGICAL EFFECT

Infectious aller gy. Report No. 3: Effect of desensitizing substances on the course and outcome of infections aller gy caused by diphther to toxino. L. I. P. Ivolova. Zhan nitki obiol . epid i immun 43 no.11:17-20 N '66.

DIPHENY LAMING -- TOXICOLOGY

Comparative toxicity of diphenylaminodiphenylamint and intermediate products of its manufacture, L V Mel'nikova. Toks. nov. prom. khim. veshch. no. 8 126-

DIPHTHERIA

Current viewpoints on the clinical aspects and diagnosts of diphtheria M. E. Sukhareva. Azerb, med zhur. 40 no 2:12-19 F 43

Infectious allergy. Report No. 3: Effect of desensitizing substances on the course and outcome of infectious allergy caused by diphther in textus. L. I. Privaleys. Zhur, mikrobiol., epid. i immun. 43 no. 11:17-20 N '66.

State of hacteriological diagnosis in our country. N. A. Kravchanko. Lab. delo no. 1:61-62 '67.

DIPHTHERIA—MICROBIOLOGY (see also subdivision under Aktyubinsk)

Characteristics of diphther in microbes toolated from patients and carriers during a period of sharp decrease of morbidity. G. A. Sudzhaev. Z immun. 43 no.11:97-101 N '66. Zhur mikrobioi, epid. i

DIPRTHERIA ANTITOXIN

Use of indirect hemagglutination reaction for quantitative determination of diphtheria and totanus antitoxins in serum I. I. Sapozinikovs, M. S. Zakharova, Ziur. mikrobiol., epid t immun. 43 no. 11:48-52 N '58.

Reaction of neuromuscular synapses of irradiated animals to the injection of diplacin. G.N. Malygina, Vep. 1 adiobiol. 4:352-357 101.

DIP LOMACY

Pletney, E.P., cd. [Diplomacy and world aconomy] Di-plomatila i mirovoe khozinistvo. Moskva, IMO, 1986. 229 p.

DIPLOMATIC AND CONSULAR SERVICE

The Soviet Union and the rights of diplomats, I. Blishchenko, A Priadov Mezhdunar zhizni 11 no l ll1-ll9 enko, A Piradov

DIRECT CURRENT ELECTRIC MOTORS see Electric motors, Direct current

DESABILITY EVALUATION (see also subdivision under Altai Territory; Kiev; Rostov Province)

Disseminate among the population the information on the espectuse of the canacity for work. N Training Sots obesp. if no 12-30-31 D '66

Dynamics of morbidity with temporary disability among workers in petroleum processing plants for the years 1951-1961, I.1, Alekpetov Azerb, med. zhur 40 no. 3,62-70 Mi '63.

nvalidity following compressive fractures of the spine. V. I. Zotikova – Traymatologija no. 1-75-80 165.

Medical expertise of the capicity for work in malignant L. V Kornskov Klin onk no 1230-234 65

Middle A expertise of the capacity for work in persons having suffered industrial training to the focumotor apparatus. A C. Riabovskaia, G. V. Bervestinaia, T. A. Birluchinskaia, Trymatologila no. 1.57-62 '65

Some data on invalidity following fractures of long tubular bones IU.1 Khudohin. Traymotologiis no, 1 71-74 165

Whys of reducing the duration of work disability in nationits with burns, S. A. Polishchuk Traymotologiia no 1,81-89 65.

Work capacity in a late period after suturing the nerves of the extremities. V.L.Kachaev. Zhur, nevr i psikh, 63 no.1:61-65 '63.

Degradation of trehalose, kolibiose, nigerose, maltose and isomaltose by liver enzymes. 1.S. Lukomskala. Blochimila 27 no.5:875-881 S-O 162,

DISARMAMENT

Apheker, Herbort. [A symposium; disarmament and the American economy; a study of the ideological, poli-tical, and economic problems of disarmament. Translated from the English! Razoruzhente i ekonomika SShA (materialy simpoziuma), izuchenie ideologicheskikh, politicheskikh i ekonomicheskikh problem razoruzhenila, Moskva, Izd-vo inostr, lit-iy, 1961, 95 p. (NNC)

(NNC)

Hefore a new 1 cand in Geneva, V. Luk'ianov, Nov. vrem,
21 no, 8:22-23 F '67,

An important aspect of disarmament, Mezhdunar
zhtzn' 11 no 1:59-62 '67

Malinin, S.A. [Legal foundation of disarmament] Pravevye osnovy razoruzheniia. [Leningrad] Izd-vo Leningr, univ., 1968. 181 p.

Youth and disarmament, V. Stepanov, Mol. komm. no. 4 61-69 Ap '61

DESCRIPTINE OF CHILDREN

For the home and family Sov. shakht 12 no 4:35-40 Ap '63

From conviction to action. B. Likhachev. Sem'ia i shrola 21 no. 11:26-28 N 166.

DISCONTINUOUS FUNCTIONS ace Functions, DiscontInuous

DISCOVERIES (IN GEOGRAPHY)

100 travelers. G. Bogolavlenskil. V mije knig 6 no. 12: 12 D 466.

DISINFECTION AND DISINFECTANTS

Fffect of humid disinfection using a vacuum cleaner. P. F. Miliavskoia and others Zhur, mikrobiol, epid i immun 33 no 6;122-126 Je '62

Use of vapor-formalin disinfecting chambers in veter-inary: practice, A.G.Nomchenko. Veterinariia 43 no.1:95-97 Ja '67.

DBLOCATIONS IN CRYSTALS
Abstracts of papers on ciching and decoration methods.
A.B Dmitriev and others. Rost, krist. 5:284 '05. - Barreids method of disorientation of subgrains.

G. Badewitz, Rost krist. 5:309-320 '65. Connection between dislocation mobility and mechanical characteristics of crystals in nonhomogeneous deforma-tion E. M Nadgorny, B. I. Smirnov Piz. tvet. tela 8 no 7:2048-2033 Jl '06

Distribution and density of dislocations in bent and annealed gallium arsenide and indium antimonide crystals. E.A. Mallkova, R. L. Petrusevich, E. S. Sollertinskaia, Kristallograffia il no. 6:896-902 N-D 166.

Effect of imputities on the mobility of dislocations in surface layers of Gahs single crystals. M. G. Mil'vid skii, V. B. Cavenskii, L. P. Kholodnyi. Izv. AN SSSR, Neorg. mat. 2 no.11;2667-2089 N 168

Radiative stopping of dislocation loops V. D. Natstk Fiz tver-tels 8 no 7;2244-2246 Jl '66

Fig. tyer. tell 8 no. 1;224-2245 1 '00'
Shifting of Image of dislocations in anomalous penetration
of X rays L. N. Dantlichuk, T. A. Smorodina, Rost,
ariet, 5;321-326 '65.
Slowing down of dislocation resulting from clastic wave
scattoring on impurities A. M. Kosevich, V. D. Natsik.
Zhur-eksp i teor fiz 51 no. 4;1207-1218 O '66

With a theorem on crystals with screw dislocations R. Kalshev, D. Nenov. Boot krist. 5:59-64 165

DISLOCATIONS IN METAIS

Akademiia nauk URSR. [Mechanism of metal failure]
Mekhanism raznushenila metallov. [Kiev, Naukova
dunka, 1966] 121 p. (Respublikanskii mezhvedomstvennyi sboinik, Serila "Aktallotizika")

DISLOCATIONS IN METALS, EFFECT OF TEMPERA-

Effect of hardening from a field and subsequent tempering on mechanical properties of the VT5-1 alloy. B. A. Kolachev, S. M. Fainbron. Trudy MATI no. 66:103-11:

DISMISSAL OF EMPLOYEES see Employees, Dismissal of

DEORDERLY CONDUCT (see also subdivision under Kiev: Kiev Province, Turkmenistan; Ulu aine; White Russia)

The foremost problem facing our courts of justice, O kuzovkin Rad, pravo 29 no. 12:8-12 D 166

How defense counsels should prevent disorderly conduct cases M. Horodys'kyl, 1A, Kapustians'kyl. Rad. pravo 29 no 12:56-58 D 166

In the offices of public prosecutors and the supreme courts of the Union Republics. Sots ration 43 no 12; 78-79 D 166.

A press conference of the Central Television, the Office of the Public Presecutor of the U.S.S R., and the Supreme Court of the U.S.S R. Sots, zakon, no.11; 31-35 N 166.

Roydles should be liable for the damage caused by their action. A. Lugovskaia. Sov. iust. 30 no. 23;10-11 D

DISORDERS OF PERSONALITY see Personality, Disorders of

DISPERSION

Stability of waves in nonlines: dispersive media V. Zakharov Zian skap i teo: fiz 51 no i:No7-ill4 O '06

DISSOCIATION

Pressure of dissociation of stronting (hiproberillate. A V. Novoselova, F. Sh Muratov, L. P. Reshetnikova, Vest, Mosk, un Sez. 2 Khim. 17 no. 5:36-37 S-O '62,

Temperature dependence of the elasticity of Indium phosphide dissociation IA, A, Ugal, L, A, Hitiutshain, L, F, Gurza Iv AN SSSR, Neorg mat 2 no. 11:1844

Thermal decomposition of phosphoryl amide. T.D. Averbukh, N.P. Bakina, I., V. Alpatova, Vysokom soed. 8 no.10:1754-1759 O '66

DISTILLATION

Determination of antioxidents in polyolefins, extraction through distillation in a vacuum S Inskeviciate, JU, A, Shliapatkev, Plast massy no 12:62-63 '86

DISTILLATION, FRACTIONAL

Automatic regulation of temperature of the top of the rotun column. A.K. Eloshkin, M.L. Fedorovskii, A.T. Pivovatov. Khim, i takh topi, i masel 11 no.12-42-43

Kinetics of mass it ansfer in reciffication of multicomponent mixtures. L. N. Chokalov, A. N. Planovskii. Klim prom. 42 no. 12:923-925 D '66.

Possible causes of contradictory results of the studies on rectification under low pressure. IA. D. Zel'venskit, A. A Titov, V. A Shalygin Khim, i tekh, topl. i masel 11 no.12:10-13 D '66.

Technical method of separation of crystalline di-menthal by rectification. N.S.Framkina, N.N.Zelenetskii, Z.E.Grebennikova, Trudy VNIISNDV no.7-109-115 *65

Technology of purification of phenylethyl alcohol by fractionation extraction. E.N. Kiseleva and others VNIBNDV no 7:118-124 *66

DISTILLATION APPARATUS

Absorption of alcohol vapous from the fermentation carbon dioxide on the multiple hubble-cap plate of the alcohol trap. G. M. Talarykov, Spiri, prom. 28 no.4:10-14 '62,

Apparatus for the protection of electrical elements in stills B, N, Barsukov, B, I, Eystaf'ev. Apt. delo 12 no.1:69-70 Ja-F '63

Comparative evaluation of the packing and of the fractionaling capacity of various faboratory columns, A.K. Manovian, D. A. Khachaturova, Khim, 1 tekh. topi.; masel. 11 no. 11:42-47 N 166.

Distribution of some impurities of ethyl alcohol in the columns of beer stills, K. A. Kaluniants. Spirit prom. 26 no.4:7-10 162.

DISTILLATION OF SEAWATER see Seawater, Distilla-

DISTILLERIES

Automatic proportioning of grain and water in distilleries. A. A. Kazatsker, P. P. Kovbastuk, Spirt. prom. 28 po. 4121-28 '62.

DISTILLERIES-EQUIPMENT AND SUPPLIES

Anticorrosion contings for the screens of pneumatic mailing systems. N P Bordun, Split, prom 28 no. 1:39 162

Apparatus for washing and disinfection of fermentation tanks. V N Belovon!, Spirt, prom. 28 no. 1:36 162.

Automation of the system for the disinfection of molasses. P S. Kudytko. Spirt. prom. 28 no 1:28-29 162

DISTILLERY BY-PRODUCTS

Dry substances content of etillage during its partial icturn to the production as water substitute. V B Freme!! Spirt, prom. 28 no. 5,6-7 '62,

For a more efficient utilization of liquid biomycin in the fattening of hogs with stillage. M. F. Gainethnov. Split prom 26 no 5:23-26 162.

Production of fodder yeast on moleanes atlliage with the use of the Candida arborea culture. M IA. Putnynia, M. E. Beker Spirt, prom. 28 no 5 12-13 162.

Racking formentation in the production of biomycin.
M. M. Tokmakova Spirt, prom. 28 no 531 162

DISTILLING INDUSTRIES
(see also subdivision under Kazabistan; Krasnodar
Territory; Lokivitas, Poltava Province; Mektavia)
Combined processing of potaloss, IU. M. Vinokur,
Spirt, prom. 28 no. 5;29-31 162.
New methods for determining sugars in the control of
alcohol and liquent and vodka production. M. I.
Shelt better miletters.

Shotshet and others. Spirt, prom. 28 no.4,11-13 162,

Processing of cob corn. V. L. Podutszbnyt, Spirt. prom. 28 no. 5 31-13 152.

Prospects for the expansion of the distilling, liqueur-vocks, browing and soft drinks industries, V.G. Pyshov Spirt, prom 28 so 5.1-6 '62.

Resolutions of the 22d Congress of the CPSU and of the March Plenum of the Central Committee of the CPSU put into practice Spirt prom. 28 no 4,1-4 '62

DISTILLING INDUSTRIES-EQUIPMENT AND SUPPLIES

Apparatus for molasses dilution, I. A. Kostenko, Spirt, prem. 28 no. 5 33 '62,

Use of abtasive filters. A. E. Polykovskii. Split prom. 28 no. $5(3)^{-1}62$.

DISTILLING INDUSTRIES-LABOR PRODUCTIVITY increase of labor productivity in the warkshops producing baker's yeast. G. V. Shevchak. P. M. Panov. Spirt, prom. 28 no. 5;27-28 '62.

Methodology for calculating labor productivity in the distilling industry. E. V. Zhidkova, Spirt, prom. 28 no 41°0-31 62.

DISTRESS (LAW)

Errors in the distress and attachment of the property of out citizens. V. Chepegin, Sots, zakon, no. 11:59-

DISTRIBUTION (PROBABILITY THEORY)

Rozenfel'd, A.S., and B. I. IAkhinson [Transients and generalized functions] Perekhodnye proteessy 1 obobshchennye funktsit. Moskva, Nauka, 1906—440 p

DISULFIDE—PHYSIOLOGICAL OFFECT

Increase in the number and dimensions of letomyoma K, IA. Zhuravlev Vest. under the influence of antabuse dermat ven 37 no 3:64-65 Mr 463.

DISULFIDE GROUP

Participation of reductases in reducing disulfide compounds in whent flow N. I. Proskuriakov. E. S. Zueva Biokhimiia 28 no 2:316-320 Mr -Ap '63.

DIURETICS AND DIURESIS

Characteristics of the reaction to antidiuretic hormone in phylogeny, V. F. Vasil'eva, A.G. Ginetainskii, M. M. Sekolova. Fizioi. zhur 46 no 10-1240-1245 O '82.

Diaretic action of ACTH, cortisone and produisone in patients with circulatory insufficiency V.K. Serkova Sov mad 26 no 3:131-133 Mr '83

Dinratic effect of progestorone in cardiac insufficiency, G. N. Karapetian, V. S. Khodzhamirova, V. G. Kukos, Trudy 1-go MMI 43 17-23 465.

Significance of competition in the interrelationships between effects of historine, directiol, and anti-diarctic hormone, P. E. Diablova Trudy LPMI no. 32. 39-41 165

DIVING, SUBMARINE

Modern means for deep sea and ocean tesearch. V.P. Zattsev. Trudy Okean kom 14:18-23 '62.

Role of diving in the study of the distribution of algae reserves in the seas of the U.S.S.R. M.S. kircava. Trudy Okean. kom 14:69-72 '62.

Submarine observations in the sublittoral of the Barents Sea, M. V. Propp. Trudy Oscan. kom. 14-73-75 '62,

DIVING, SUBMARINE—EQUIPMENT AND SUPPLIES Meronov, I.V. [Means of conveyance under water] Sred-stva peredvizheniia pod vodol. Meskva, DOSAAF, 1966. 78 p.

DIVISION OF LABOR

Makenko, M.M. [Specialization of the Moldavian S.S.R. within the framework of the all-Union division of labor]
Specializatella Moldavskoi SSR v obshchesoiuznom razdelenii tuda, Kishinev, Kartia Moldoveniaske, 1900, 194 p. (CSt-11)

Some problems in the functional division of workers' labor in an industrial enterprise. A D holobov. Izv. 50 AN 555R no. 9, 5cr obshehesty, mark no. 3:32-37 166.

DIVORCE SUITS

Some problems in the trial of divorce cases, IA E. Pesin Trudy TashGU no 282 108-114 466

DNEPRODZERZHINSK-TRANSPORTATION, AUTO-MOTIVE

Worting achievements of Diaprodzerzhinsk highway transport workers S. Sigalov, M. Hlinskii Avt, transp. 41 no. 12 0-10 D. 166

DNEPHOPETROVSK-COKE INDUSTRY-BY-PRODUCTS Automatic regulation of honzone rectification column. L. 1. Surgal, N.I. Reznik, Kovs i shim, no 12,36-

DNEPROPETROVSK—CONTINUOUS CASTING—EQUIP-MENT AND SUPPLIES

Contact of ingots with mold walls during continuous casting L.S Rudot, N.P. Maior ov 1 T Kushnarev Statt 26 no 12 1083-1095 D 466

DNEPROPETROVSK-GUIDEBOOKS

[Dnepropetrovsk; a brief guldchook] Dnepropetrovsk; kratkli putevoditel'. Dnepropetrovsk, Promin', 1966.

DNEPROPETROVSK—IRON AND STEEL PLANTS— EQUIPMENT AND SUPPLIES

Peculiarities of mineralogical composition and structure of fluxed sinters with high n on content Z. I. Neko asov, A. G. III lianov, G. M. Drozdov. Stall 26 no 12 1073-

DNEPROPETROVSK-TELEVISION STUDIOS

Sidne brightty, blue "searchlight!" G. Simak. Sov. radio 1 tel. 12 no. 5:31-32 My '63

DNEPHOPETROVSK-WOODWORKING MACHINERY

Modernized woodworking machinery, B. A. Drabik, Bum, i der. prom. no. 3:46-48 Ji-S '62.

DNEPROPETROVSK PROVINCE-AGRICULTURE On the hasis of economic analysis, S. Kozharskil, Part, zhizut no.119-21 Ja '67.

DNEPROPETROVSK PROVINCE-FARM PONDS

Protective plantations around ponds A Kin amenok, V Zherebisov, Zemledelle 28 no. 11;61-62 N ¹66

DREPROPETROVSK PROVINCE-INTESTINES DISEASES

Work of the public benith institutions of Deoproper ovak Province, Ukrainian S S R- in the reduction of acute intestinal infections Sh A Hegharbekov Azerb med zhu. 40 no 2.78-76 Γ '63

DNEPROPETROVSK PROVINCE-MANGANESE MINES AND MINING-EQUIPMENT AND SUPPLIES

Assembling the transporter dump bridge of the Shevchenko mine. M R. Dymshita Mont ispets rab visited 25 no 8:0-11 Ag 463.

DIEPROPETROVSK PROVINCE-TRANSPORTER BRIDGES-DESIGN AND CONSTRUCTION

Assembling the transporter-dump bridge of the Shevchenko mine M. R. Dymahits. Mont 1 spets. rob. v stroi 25 no. 610-11 Ag 63

DNIEPER DELTA-REED (BOTANY)

('nulses of the decrease of and measures for raising the yield of reed in the Unioper and Danute Deltos. P. G. Krotkevich. Shot, bud, UkrNIB no. 7,5-45 '66.

DNIEPER-DONETS LOWLAND-GAS, NATURAL-GEOLOGY

Significance of sulfates in prospecting for oil and gas in under in ound water of Duleper-Donets Lowland L. K. Gutsalo, V.A Krivoshela, Sov gool 0 no. 12:110-115 D 166

DNEPER-DONETS LOW LAND-GEOLOGY, STRATI-

Enigenesis of Carboniferous addiments in northwestern part of Dnieper-Donots Lowland, A.E. Lukin Lit. (pol. iskap, no. 6:128-131 N-D 168.

DNESPER-DONETS LOW LAND-GEOLOGY, STRUCTURAL Prospecting for buried Peleozoic structures in the south-castern sector of the Dnieper-Donota Lowland. C. A. Letunovskii and others. Neft. i gaz. prom. no 3;3-6 JI-S '63

DNIEPER-DONETS LOW LAND--OIL RESERVOIR EN-GINEERING

Nature of the initial reservoir pressure in the fields of the Duleper-Donats Lowland. N.I.Ivanets, E.M. Lugovaia. Neft. 1 gaz. prom. no. 1:51-53 Ja-Mi 163.

DNIEPER-DONETS LOW LAND-PETROLEUM --ANALYSIS

Physicochemical features and group hydrocation com-position of oils from the Dnieper-Donets Lowland P.S. Makovetskii Neft i gaz prom. no 1 64-67

DNIEPER-DONETS LOW LAND-PETROLEUM GEOLOGY

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Prospecting for buried Paleozoic structures in the south-castern sector of the Dineper-Donets Lowland G., A Letimowskii and others - Neft i gaz prom - no 3,3-6

Significance of sultates in prospecting for all and gas in underground water of Dmepci-Donets Lowland L K Gutsalo, V A. Krivosheia Sov. geol 9 no 12 110-115 D 166

DNEPER-DONETS LOW LAND-SALT DOMES

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DNIEPER-DONETS LOW LAND-SULFATES

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DMEPER-DONETS LOW LAND-WATER, UNDERGROUND

llydrogeological characteristics of some domelike struc-tures in Drieper-Donets Lowland II M Zakharchenko Dop AN URSR no llu474-1177 466

DNIEPER RIVER-COFFERDAMS

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DNIEDER RIVER-WATER-COMPOSITION

Hydrochemical characteristics of formation of water composition in upper Dateper Rive: A. L. Zimkhovitskaia, A. A. Zamiatkina, K. L. Lukashev. Doki AN BSSR 10 no 9,672-676 5 '66.

DNIEPER VALLEY-BAUXITE

Prospects of bousite potential in northwestern part of Ukrainian Crystalline Shield, S D Gazenko, L I, Shpiliuk Sov.geol 9 no.12,21-28 D 466

DNIEPER VALLEY-INDUSTRIAL EQUIPMENT-MAINTENANCE AND REPAIR

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DNEPER VALLEY-MAN, PREDISTORIC

Remnants of a crematory tomb of the Bronze Age near the village of Vishenki in the Kiev area. I. M Samoi-lovskii, Sov arkheel, 10 no.4 186-187 (66

DNEEPER VALLEY-MOLLUSKS, FOSSIL

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DNIEPER VALLEY-WAGES-STEEL INDUSTRY The five-day workweek; schedules and wages. S. Gersh-gorin and others. Sots, trud 11 no. 12:128-130 D 186.

DNIESTER RIVER-REGULATION

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DNIESTER RIVER-VIMBA

Morphological and ecological characteristics of embryonic development of vumbs in Dinester River M.Z. Vladimirov. Biol. res. vod. Mold. no. 4 51-65 466.

DNIESTER VALLEY-FLINT

Origin of the Senomanian bedded flint in the Dniester Valley. IV. M. Sen'kova'kyl. Dop. AN URSR no. 11'1502-1504 '62.

DNIESTER VALLEY-MAMMALS

Characteristic mammal species in central Dulester Valley M. N. Lozon Ev. AN Mold. SSR no 5:83-88 '66.

DNICSTER VALLEY-MYSIDAE

Volume, distribution, and some ecologic aspects of genus Paramysis (Czern.) in bodies of water in Dnies ter basin, I. I. Dadiu. Biol res. vod. Mold no. 4 50-63

DNIESTER VALLEY-PLANT COMMUNITIES

Vegetation of the upper Dalester Valley bogs, IU.R. Shellah-Sosonko Ukr.bot, zhur, 20 no.1-93-101 163.

DNICSTER VALLEY-REEFS

Characteristics of distribution of reef structures in region of middle Doiester-Prut interfluve A.A Arapov, B.V. Burdenko, IU.K. IAshkin Sov. geol, 9 no. 11:117-120 N 166.

DNIESTER VALLEY-SWAMPS

Vegetation of the upper Dniester Valley bogs IU R. Shelish-Sosonko Uki bot zhun 20 no.1-93-101 ing

DOBRUSH REGION (WHITE RUSSIA)-GEOLOGY, STRATIGRAPHIC

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DOCOSATETRAENOIC ACID

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Minglova and others Zhur, org Phim 2 no Il 1993 2003 N '66,

DOCUMENTARY MOTION PICTURES see Motion pictures, Documentary

DOCUMENTARY TE LEVISION PROGRAMS

Television story. I. Beinev. Sov. radio i tel. 8 no. 3:

DODDER

Dodder, R. Safra, Zashch, rast, 11 no. 11:40-41 166.

DOGS-DISCASES AND PESTS

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Leptospinosis in dogs, 5, A. Hinskii, Veletinariia 43 no. 12 27-28 D '66

DOGWOOD-VARIETIES see subdivision under Caucasus. Northern

DOLINA OIL FIELD-HEAT-TRANSMISSION Temperature observations in injection walls. I. A.

Pitipets. Nefteprom delo no. 11:3-6 466

DOLINA OIL FIELD-OIL FIELD FLOODING

Temperature observations in injection walls. I. A. Pilipets. Nefteprom dele no. 11-3-6 466,

DOLINA OIL FIELD-OIL RESERVOIR ENGINEERING

Preliminaty data on the forward motion of the water-oil contact in the Vygoda pool of the Dolina oil field. V P Vasilechio, Neft. i gaz. prom. no 1:48-51 Ja-M: '63,

DOLINA OIL FIELD-OIL WELL DRILLING

Potentials for increasing the drilling speed and reducing the cost of 1 m of footage in areas of the Dotina oil field region. I V. Dilak. Neft i gaz, prom. no. 1-33-36 Ja-Mt 63,

DOMAIN STRUCTURE

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Diverse destinies, V Karbovskala, Agliator 34 no 23

49-52 D '66

Some suggestions for the amendment of family law. V. Hrytsuniak. Rad, pravo 29 no. 12, 35-37 D 166.

DON DELTA-HISTORICAL GEOGRAPHY

Information supplied by ancient geographers on the Don Delta in the light of recent data A. A. Timoshenko. Vest Mosk un Ser 5; Geog 21 no 6:105-108 N-D '56

DON RIVER WATERSHED

Tertonic basis of the drainage network in the apper Donbasin N. P. Kuznetsov Vest. Mosk un Ser. 5, Geog 21 no 6;113-115 N-D '66

DON VALLEY---ANTIQUITIES

Monuments of the early catacomb type in the upper and central Don Valley, A.D. Priakhin, Vop. ist. slav. no. 2:115-160 '66.

DON VALLEY—HISTORY

Establishment of old Russian settlements in the Don Valley, A. N. Moskalenko, Vop. 1st. slav. no. 2.111-144 *66.

DON VALLEY-REVOLUTION, 1917-1921

Counterrevolutionary contacts between the Central Rada and the White Guard units of the Don Cossacks. T M. Kolisher. Ukr. ist, zhur. 10 no. 12:86-90 D '55

DONETS', MYKHAILO IVANOVYCH

Stefanovych, M. P. Mykhailo Ivanovych Donets'. Kylv, Mysiciatyo, 1965. 39 p. (CaOTU)

DONETS BASIN—CINNABAR

Disporation halo of cinnabar in h₅ coal seam of Sofia dome of Nikitovka mercury deposit O, II, Dvorníkov Dop AN URSH no. 11:1490-1492 ¹66.

DONETS BASIN-COAL

Pilot plant coking of charge mixtures with addition of coal concentrate from "Zapadno-Donbasstaya No. 1" coal mine. IU G Frivovon; and others Koks i khim no. 1950-9 166.

DOVETS BASIN-COAL-CARBONIZATION

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DONETS BASIN-COAL GEOLOGY

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DONETS BASIN-COAL MINES AND MINING

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Second birth of the Donets Basin M Illi 'ev Sov shakht 12 no 4,14 Ap '63

DONETS BASIN-COAL MINES AND MINING-COSTS

Increase in capital yield is essential factor of cost reduction in more building. V.P. Skharov. Shakht strot. 10 no.11.7-7. N. 166

DONETS BASIN-COAL MINES AND MINING-LABOR PRODUCTIVITY

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Mining 80, 112 tons of anthractic in 30 workdays. M.T. Barovkov Ugat! 11 no 12 16-19 D '66,

DONETS BASIN-COAL MINES AND MINING-SAFETY MEASURES

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DONETS BASIN--COAL PREPARATION
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DONETS BASIN-HYDRAULIC MINING-EQUIPMENT AND SUPPLIES

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DONETS BASIN-HYDRAULIC MINING-SAFETY MEASURES

Supporting loading footways of feed hoppers at the No. 1 "Krasnoar melskata" Hydraulte Mine. N M Kordiukov, S I. Kilimov. Shakht strol. 10 no 11,21-23 N '66.

DONETS BASIN-HYDROMICA

Paragonitic livid contens in terrigonous rocks of Greater Donets Basin - G. V. Kurpova - Dokl. AN 958R-171 no. 2,143-443 - N. 466

DONETS BASIN-MINE BUILDINGS-LIGHTING

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DONETS BASIN-SHAFT SINKING

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DONETS BASIN--TITANIUM

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DONETS BASIN-TRANSPORTATION, AUTOMOTIVE-MANAGEMENT

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Donets Basin—Vertebrates, Fossil

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DONETS BASIN-WORLD WAR, 1939-1945

Nationwide participation in the restoration of the Donets Basin during the Great Patriotic Wor. M. F. Khoroshai-lov, Ukr. ist. zhur. 10 no. 11:110-115 N '66.

DONETS BASIN-ZIRCONUM

Placer manifestations of itianium and zirconium in carbonate sediments of southenstein part of Donets Basin, V. A. Ermova. Min. syrle no. 14:155-161 '66.

DONETS RIVER-WATER-POLLUTION

Effect of industrial Sewage on the Northern Donets River, A. N. Smirnova, Vod., kan., gldr. soor, no. 1;21-29 166.

DONETS VALLEY-JOINTS (GEOLOGY)

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DONETS VALLEY-PETROLEUM REFINERIES

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DONETSK-GUIDE BOOKS

Ihmitov, V.M., and A.E.Starochibtsev. [Donetsk] Donets'k. [Donets'k, 'Donbas,' 1963] 1 v.

DONETSK PROVINCE-ASCARIDS AND ASCARIASIS Experience in the execution of some organizational mea-quies in a focus of ascar lasts in Donetsk Province A V Samsonov Med paravi paraz bol 32 no 2-145-146 Mr-Ap '63

DONETSK PROVINCE-COKE INDUSTRY-BY-PRODUCTS

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DORMIDONTOV, NIKOLAI KONSTANTINOVICII, 1801-

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DRAINAGE

ANNAGE (868 also subdivision under Georgia; Krasnodar Ter-ritoty; Leningrad Province; Polosye; Ukraine; Yakutia) Calculating the sector for the cuttlet of water to coast drains 5, K. Ahramov, C. M. Seliuk, Tendy Lab. inch. gidrogeoi, VODG170 no. 4,69-88 162,

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Radevich, T.A. [Drainage of land by pumping machinery; fectures for correspondence students majoring in "Drainage work"] Osushenic zemel' mashinnym vodopod'emom; lektsija dia studeniov-zaochnikov spetsini-nosti "Glidromelioratsia." Pod red. A.D Panadladi. Moskva, Glav.upr.vysshogo i srednego s.-kh.obrazovania, 1986. 35 p.

[MICROFILM]

Problems and methods of studying bog and swampy soils in connection with the development of melforative work in the non-Chernazem zene. 1.S. Lupinovich, I.N. Skrymnkova. Pochvovedenie no. 12:10-17 D '66.

DRAINAGE—ECONOMIC ASPECTS see subdivision under Royno Province; Trubezh Valley

DRAINAGE-ELECTROMECHANICAL ANALOGIES see subdivision under Ukraine

DRAINAGE—HYGIENIC ASPECTS see subdivision under Rechitsa (Mogilev Province)

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DRAKE PASSAGE-HYDROLOGY

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DRAMATIC CRITICISM

For militant theatrical criticism. Tentr 24 no. 7:3-8

Pogodin, N.F. [Scarching, thinking, discovering...; articles, reviews and travel notes, 1953-1963] Iskai', myslit', otkryvat. ; stat'i, retsenzii, putevye zametki (1953-1962) Moskva, Iskusstvo, 1966. 254 p.

DRAWING --- INSTRUCTION

Present status and some means to improve the teaching of drawing in schools for mentally handicapped children I A Groshenkov, Uch zap MGPI no 219,157-172 '61

DRAWING, PSYCHOLOGY OF

Role of drawing in the kindergarten in the preparation of the child's hand for writing T. S. Konariova, Vop. psikhol. 12 no.6;164-171 N-D '65.

Gosudal stvennaja Tiet lakovskaja galereja [Diawings, watercolors] Risunok, akvarel' Moskva, Sovetskit khudozhnik, 1966. 21 p. 146 ilius.

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Technological process of ruther ging parts of sand pumps. N.S. Penkin. Trudy LIVI no. 82 110-116 '65. Using means of hydromechanization for working stumpy peat soits. S.P.Ogorodnikov, A.A.Knickin iz-ucheb. zav., stroi, i arkhit 9 no. 9:72-77 '66,

DREDGING MACHINERY-MAINTENANCE AND RE-

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no 0:16-19 S '66

New reagent for stabilizing clay muds. A. T. Khon-Pak and others Burenie no 12.5-6 '65 Petroleum hydroxy selds as reagents for the chemical

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DROBYSHEVO (OMSK PROVINCE)-MILKING PARLORS Our "carrousel," K. Igoshev. Agitator no. 18:20-28 5 162.

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Kinetics of formation of artificial precipitation from supercooled cumulus clouds using solid carbon diocide M V Buikov, A M Fridman Trudy UkrNIGMI no 53

DRYING APPARATUS

Simple apparatus for drying live plague and tulai entity vaccines. V. N. Sagatovakili, V. K. Kirdeev. Trindy Gosmauch. 1881 protivochum inst. 16:89-95 '39

DRYING APPARATUS-DESIGN AND CONSTRUCTION

Experience in the operation of tubular drivers at the Coal Preparation Plant No. 105 of Karaga d. Basin 1 A. TSutkan, V. F. Popenko, B. V. F. annu Ugoff 41 no. 12,58-61 D '66.

DRYING OILS

Efficient system of heat eveluage in oil existion U. IU. Maukhin, V. P. Myl'tsev, IU. A. Petronko Masi -zhii prom. 28 no.6 36 Jc *62.

Production of flacesed oil for the manufacture of drying oils V P. Myl'tses Masi -zhu prom, 28 no 6

DUBOSSARY RESERVOIR-INFUSORIA

Distribution of bottom infusorians in Dubosany Reservoir. M. F. IAi oshenko, P. P. Chorik Izv. AN Mold. SSR no 5:58-66 '65.

DUBOSSARY RESERVOIR-PARASITES-FISHES

Characteristics of parasites of main commercial fishes in Dubossary Reservoir in relation to Dutester River regulation. N. M. Dsinenko-Marits. Paraz, zhiv i rast no, l 17-25 (65.

DUBOUKA, ULADZIMIR MIKALAEVICH, 1900-

Buhaeu, Dzmitryl, [Uladzimir Dubouka; crifical and biographical sketch] Uladzimir Dubouka, ktytyka-bilagrafichny narys. [Minsk] Belarus' [1605] 183 p. (Cty)

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DUICHEY, IVAN, 1907—BIBLIOGRAPHY see Bib-liography—Duichey, Ivan, 1907-

DUMP TRUCKS-MAINTENANCE AND REPAIR see subdivision under Belgorod

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DUMPING SYNDHOME
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resoction and gestrectomy. A,S Gadzhiev Sov med
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Functional state of the liver in patients with postresection decompensation of digestion (dumping syndrome),
S,P.Markin, R,G Nikitina Khirurgita 42 no.11 4753 N 166.

DUODENUM---DIVERTICULA

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86 '55 Significance of duodenography during a state of artificial hypotension in the diagnosts of duodenal diverticula L. I. Dobychina Trudy Novokuz GIDUVa 32:97-90 '65 Some clinical and X-ray characteristics of duodenal diverticula. S. I. Nazaroy. Trudy Novokuz GIDUVa 32:100-104 '65.

DUODENUM-SURGERY

Our experience in the reversion of the initial segment of the small intestine and dupdenum following resection of the stomach, A, M, Betaneli, Trudy Inst. im. N, V Skiif, 7:191-136 *63. Resection of the stomach in cancer with direct anastomusis of the gastric stump and the duodenum, IU I Illdaev Vop onk 9 no 3-119-123 '63

Reversion of the duodenum following experimental resection of the stomach A S Gadzhiev Trudy Inst. im N. V. Sklit. 7 128-131 [63]

DUODENUM -TUMORS

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DUODENUM-ULCERS

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DURALUMIN

Engineering properties of specimens made of Ak-6 dura-lumin and subjected to upsetting under a pacumatic hammer and a friction press. I. S. Zhelobov. Trudy GPI 15 no 2:39-17 (50)

DURNEY, ANDREI IVANOVICH, 1904-1963

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Cleaning of dust non 100fs of steel found: v shops V Sidenko, W V Petrenko Prom strol 44 no.11 33-34 466

DYES AND DYEING

Growth of alum crystals in presence of direct priceblic dyc. V. N. Portney, Kristallograffia il no 6 916-920 N-D 466

Investigations in the mean of coloring polyestal sheet glass plastic A I Volk, M N Veprinskais, K A, Gruzbarg Shor trud VNINSM no 789-67 '66

New dyes for ethyl fluid and ethylated gasolines. E. I. Zabrianskii and others Khim i tekh, topl, i masei

Plastic grinding of vot and dispersed dyes L. S. Mai, L. M. Golomb Rhim prom Ukr. no 6:13-17 N-D

Putification of sewage resulting from the production of active traine dyes. A.G. Zakhorzhevskala. Vod., kan., gidt. 3001. no 1.37-46 '66

Ricclogical properties of solutions of semicolloid Anticogreat properties of solutions is semicontain acid dyes M.N. Kasimova, E.M. Aleksandrova Trudy MAHT? no 11 38-41 '63 Synthesis of nonsymmetrical indigoid dyes of the series of

thionaphthoneactoacetaryl G.V.Varyaina, B.I Stepanov Trudy MKEHI no 42:53-56 '63

DYES AND DYEING-DACRON

Some kinetic characteristics of the process of doing the polyester filter laysan with indigosol. M. V. Andreeva, P. V. Morganov 12v. vys. ucheh zav "te tekst prom. no 5:98-104 '66. lzv. vys. ucheh zav ,tekh

DYES AND DYEING-LEATHER

Aleksandrov, A. A. [Handbook for colorists in the chrome leather industry] Spravochnik kolorista proizvodstva khronovykh kozh. Moskva, Legkala industrila, 1966.

DYES AND DYEING-RAYON

Effect of the physical and chemical structure of acetate tibers on their dyeing with dispersion dyes N. P. Stepantsova and others, Izv, vys, ucheb zav ,tekk, tekst prom no 5 111-115 '86

DYES AND DYEING-TEXTILE FABRICS

Improved dycing of textile fabrics, M Saskian, A Alvazian, M Kinglova Prem. Arm 9 no 70 '66. 9 по. 10 б9-

Lightfastness of fabrics dyed with procion and active dyes after the treatment with finishing preparations and fixing agents. K N Mochaina. Tekst. prom 26 no 12 49-51 D '66.

DYES AND DYEING-TEXTILE FIBERS, SYNTHETIC

Fourth Scientific and Technical Conference on the Technology and Use of Dyes held in Rubezhnoya Golomb Zhur VKHO II no 6,694-606 '86

Study of the dyeing of tibers made from an acrylonitrile, N.E. Barvinskaia, M.V. Rorchagin, I. A. Shikanova, Iv. vys ucheb, zav. tekh, tekst prom. no 5:116-119

DYES AND DYEING -YARN

Study of the suspension method of yarn dyeing on bobbins with vat dyes, M. I. Artym, V. B. Klenov. Izv. vys. ucheb, zav. tekh. tekst. prom. no 5-105-110 '68

DYMKOVO (KIROV PROVINCE)-TOYS

Nosik, B.M. (A trip after the Dynkovo toys) Puteshe-sivie za dynkovskol igrushkoi, Moskva, Znanie, 1968. 79 p. (Prochti, tovarishch) (MH)

DYNAMICS

Wardons forms of equations of motion for nonholonomic systems in holonomic coordinates. L. H. Lobas. Dop. AN URSR no. 11:1436-1440 162.

DYNAMOMETER

YNAMOMETRA Improvement of the dynamometer of a tractor engine, V. M Sheptovitskii, Zap. LSKII 96 112 146 '65, Results of testing the RRI-5 dynamometer, V.D. Ialet, L.V. I innas Zap LSKIII 96 137-111 '65,

DYNAMOS see Electric generators

DYSCHTERY

Age-velated changes in the sensitivity of mice to dyson tary infection under conditions of the continuous Annals action of longing radiation P A Buzing, Vop Ladiobiol 1:12-18 '61

Data on the study of intestinal microflow m dysenter, m young children Report No 2, author's abstract Kh P Gambechko Zhur mikoobiol, epidwirment 33 no 6 03-91 Je '62

tite growth reaction D. M. Nedopriadko Zhui miki obiol . opil i immun 13 no il 45 ml M 465 13 no ll 05-01 M 46

DYSENTERY—MICROBIOLOGY
(see also subdivision under Russia, Northern)
Circulation and exerction of microbes and antigens in experimental dysentery Z M Androcea Zhur mile obtol , epid i immun 33 no 6:22-27 Jc 162

DYSPERSIA

Development of anicteric and atypical (orms of Botkin's diseas. A G.Vinogradova Azerb, med zhu., 40 no 4,26-32. Ap. 463

Effectiveness of the use of gastric juice. Kh.K.korgtus, M.I. Mutin Veterinaria 13 no 11 62 N '66

Epipieural novocame block in dyspepsia of calves P. A Suladkov Veterinarija 13 no 12-61-65 D '66

Etiology of dyspepsia in newborn calves, V 1. Dul'nev. I.P Lilenkov Vetermarija 43 no 1 65-69 Ja 67

Indices of the metabolism of vitamins A and C and caretone in healthy and dyspeptic calves B M Anorlith Veterina: Ha 43 no. 11:58-59 N '66

Mechanism of the action of salt solutions in dyspeptia of calves AF Kottyshev, A, N. Egorov, EA Ostrov-skata, Veterinariia 43 no 11,60-62 N '66

Pathogenesis and prophylaxis of toric dyspepsia in calves N.F. Khushutdinov, S.D. Vlasov Veterinariia 43 no 1 69-70 Ja *67.

Treating dyspersia in calves, V.G. Muradov, Veterlaarita ... no. 12-58-50 D '66,

Treatment of dyspensia in calves using titrated antibiot ics and nitroful ans. P. E. Kozhin, V I, Solohin Velcinariia 43 no 1 70-73 Ja '67.

DZAGUROV, DMITRII ALEKSEEVICH, 1883-1965 D. A. Dzagurov, an obituary, fzv. Sev. -Oset, nauch -isel. inst. 25:330-333 '66,

DZEGAMCHAY VALLEY—GEOLOGICAL TIME New data on age of volcante sedimentary formation in upper Degamenty Valley (Lesser Caucasus) 1. Ab. Gasonov, 61 Neutmov, 12v AN Azerb, SSR, Ser nauk o zem. no. i 32-37 '66

DZERZHINSKII, FELIKS EDMUNDOVICH, 1877-1926

A life devoted to the revolution III, German, Agiltator no 16,23-25 Ag 162,

DZHAMBUL-FERTILIZER PLANTS-EQUIPMENT AND SUPPLIES

Dismaniling and assembling anhydride refrigerator V. A. Kulakov Mont. I spets 1 ali, v stroi 28 no 12

DZHAMBUL PROVINCE—SOCIALIST COMPETITION Man's honor depends on his labor. I. Amsimov. Sov. profsawzy 22 na. 24 21-22 D '86.

DZHANYBEK REGION (KAZAKHSTAN)—SOLONETZ SOILS

Weier conditions of recinimed soils of the Solonetz complex under forest belts. G.S.B., zykins, Pochvovedenie no 12:64-76 D 166

DZHEZKAZGAN REGION (KAZAKHSTAN)—ALDITITES

Authigenic albitization of enclosing rocks as important of iterion in deciphering genesis of a hodusite miner-alization in Dzhezkazgan type deposits O B Beissey Dokl AN SSSR 171 no 2 139-442 N 166 O B Beiscev.

DZHEZKAZGAN REGION (KAZAKHSTAN)—CORN (MAIZE)

Dynamics of the flowering of corn in the Dzhezkazgan Desert. T. Mynbaev. Vest AN Kazakh SSR 19 no. 1-73-Desert. T. 1 79 Ja '63.

DZHEZKAZGAN REGION (KAZAKHSTAN)-RHODUSITE

Authigenic albitivation of enclosing rocks as important orderion in deciphering genesis of rhodustic mineralization in Dzhezkazgan type deposits O B Heiseev Doki, AN SSSR 171 no. 2-439-442 N '66

DZHEZKAZGAN REGION (KAZAKHSTAN)—STRIP

Stopping landslides by blasting, T.A. Kineev and others. Gor. zhur. no 11.27-28 N '86.

DZHULUKUL! LAKE REGION-BIRDS

Summer conditiological observations in the region of Lake Drhulu-Kull ? A hisov Lzv Alt old Geog ob-va SSSR no 3:61-69 '63

DZUN-KHEMCHIKSKIY DISTRICT---INSCRIPTIONS.

Nastiption on the Khaia-Uzhu rock Z B Atagachi, D. M. Nastiov Uch zap Tuv nauch rissi inst inv., lit i ist no 10:257-263 '63

DZUNGARIAN ALATAU-FOLDS (GEOLOGY)

Methodology of studying pheated shructures by drawings of drag folds. Sh A Burkenev and others. Izv AN Kazakh SSR Scr. geol. 23 no 5 81-82 S-O 468

DZUNGARIAN ALATAU-GEOCHEMISTRY

Primary dispersion halos or Western Tekeli in Dzungarian Alatau Sh A Barkenev and others 12v AN Kazakh 59R.Ser geol 24 no 563-68 S-O 666

DZUNGARIAN ALATAU-GEOLOGY, STRUCTURAL

Methodology of studying plicated structures by drawings of drag folds Sh. A Balkenov and others Izv AN Kazakh SSR Ser. geol 23 no 5 81-82 8-0 '66.

DZUNGARIAN ALATAU-ORE DEPOSITS

Primary dispersion halos of Western Tekeli in Daungarian Alotau Sh A, Balkeney and others Izv AN Kozakh SSR, Ser gool, 23 no 5 63-68 S-O '66

EARTH-FIGURE

Comparing formulas for determining the shape of the carth, M. I. Marych Izv. vys. ucheb, zav. ; geod, i aerof no. 3 69-75 '62

An estimate in the theory of the carth's figure. I. F. Monin, Dop. AN URSR no. 7:879-882 183.

Method for studying the shape of the earth without using a normal field, I.F. Monin 12v vys ucheb, zav.; geod 1 aerof. no. 3 59-68 162

EARTH-ROTATION

li regular variations of earth's velocity of rotation and effect of solar corpuscular streams on trail of on this magnetosphere, V I, Afanasteva Geomag, i act. 6 no 6-1094-1095 N-D '66.

EARTH-SURFACE

Analysis of spatial distribution of magnetic field as method of studying subsurface structure of carth's crust G. Krugliakova. Blub MOIP, Old. geol 41 no 4:146-117 J1-Ag '66.

Recent tectonics as indicator of anomalous thickness of cutth's crust V C Ribiter, I S. Volvovskii Sov gool. 9 no 12 118-123 D '66

Relation between inclinations of the earth's surface and atmospheric pressure. N.N. lonychev. lzv AN Turk SSR. Ser fiz -tekh., khim i geol nauk no. 5 20-25 '62,

Relation between inclinations of the earth's surface. sarthquakes and temperature N.N. lonychev. Izv. AN Turk, SSR, Ser, fiz, -tekh, ,khim i geol, nauk no. 4; 12-

Solution of certain external boundary problems for the earth's surface. V.V.Brovar. Izv. vys. ucheb. zav., good i acrof. no.155-72 163.

Study of structure of earth's crust and upper mentle using "Zemlya" seismic station. I.V. Pomerantseva. Biul. MOIP, Ctd. geol. 41 no.4;149 Jl-Ag '66.

EARTH CURRENTS

Some results of study of natural electric field in sea. V.I. Lopatnikov. Trudy Mor, gidroftz, inst. AN URSR 37-154-162 166.

Determining the density of the ground of hydraulic fift structures V. P. Antipkin Gidr. stroi 33 no 7:22-25

Relation between dislocations and atresses on points of vertical face routact of prism of granular soils. A. K. Bugrov, Izv. vys. ucheb. zav., strol I arkhit, 9 no. 9: 35-43 *66.

EARTH MOVEMENTS (see also subdivision under Voronezh Valley)

Effect of cosmic magnetic field on movements of earth and on elements of terestrial magnetism. N.I. Sigachev Trudy Mor. gidroffz. inst. AN URSR 37:189-198 166. Geodelic methods for studying movements of the earth's crust. A A. Izotov. Izv. vys. ucheb. vav., geod i aerof. no. 1:3-9 '63.

Some opinions on the development of erosion. A.V.
TSygankov, S.I.Nikitin, V.M.Aleshin. Uch.zap.Volg.
gos.ped.inst. no.10:141-148 64.

BARTH TEMPERATURE

(sec also subdivision under Aliai Mountains; Azerbaijan; Caspian Lowland; Caucasus, Northern)

Rusin, N.P. [The heat balance of our planet] Teplovoi balans nashel planety. Moskva, Znanie, 1967. 63 p. (Novoe v zhizni, nauke, tekhnike. XIII sertia: Nauka o

EARTH MOVING MACHINERY

Effect of the size of a cutting ring on the determination of the volumetric weight of soil. O. E. Dobrovinskaia. Trudy Lab, inzh. gidrogeol, VODQEO no, 4:172-175 '62, Machinery for power systems construction. T.L. Ome! - lanento. Energ stroi no 8:55-61 '66.

New machinery, Strol, i dor, mash. 8 no. 6 35-36

New machinery for breaving up frozen soils. B. M. Orlov. Energ. stroi no 6:61-69 '56.

Principles of the organization of consolidated brigades engaged on a business accounting basis in the operation and reput of machinery L. Rh. Goinbehls, G.D. Davydov, A.P. Degtialev — Caerg, strot. no. 8 69-74 166,

EARTHMOVING MACHINERY -- DESIGN AND CONSTRUC-

Determining the height of benches during mining with use of cantilevel waste stockels, I 1Dstroubhov, A R. Gramatunov. Goi zhur no 11-26-27 N 166

EARTHQUAKES see subdivision under Pacific Ocean

RARTHOUAKES AND BUILDING

Calculating and systems for seismic stresses. R.I. Pogurelova, I A Dgorov, Izv. vys ucheb. Zav., strol i arvhit, 9 no. 9 43-18 466.

Cement for earthquakeproof building B.V Volkonskii, N.P.Shtoiert TSement 32 no 6:3-1 N-D '66

New contribution to knowledge of setmic stability in struc-tures T Rashidov, V T, Rasskozovskii Stroi i arkhit Uzb 7 no 11:43-44 N '66

Study of seismic stability of no izontal joints of large-panelbuildings of series 1-467 AS S V. Politskov and others Stroi farkhit Uzb 7 no Hil-4 N '66

Determination of volume of earthwork in construction of foundations for vertical cylindrical steel tanks, Z.O. Liandies. Transp i khran nefti i nefteprod no 10 12-

EARTHWORK-TABLES, CALCULATIONS, ETC.

Nonograms for determining volume of earthwork in vertical planning of territory. IA M Charkin, Promistroi 44 no il 46-40 '66.

EAST (FAR EAST) see Far East

EAST (NEAR EAST) see Near East

EAST (SOVIET FAR EAST) see Soviet Far East

EAST GERMANY see Germany, East

EAST KAZAKHSTAN PROVINCE-STATE FARMS-MANAGEMENT

Specialization of state farms in East Kazakhetan Province B. Turtkarin. Ekon, seltkhoz, 42 no. 11,74-

EAST SIBERIAN SEA-SEA LEVEL

Rhythmicity in nonperiodical variations of level of East Siberian Sca. I. A Diubkin, L. G. Toporkov. Trudy AANII 277,141-146 '86

EASTERN EMPIRE see Byzantine Empire

EASTERN EUROPE see Europe, Eastern EASTERN SIBERIA see Siberia, Eastern

ECHMIADZIN-AGRICULTURE-SAFETY MEASURES

Not to industrial accidents. A. Panchan. Okhr. truda i sots strakh 0 no. 12:8-9 D '66

ECHO VIRUSES

Hemagglutinning properties of anteroviruses ECHO 7. N.R. Gatman, I I Fal'kova Trudy Mosk nauch -issi inst virus.prep no 33M-123 '65

Method of obtaining polyvalent sera against Coxeckie and ECHO viruses. Z. F. Zubova, N. M. Gordienko, T. R. Borutskata Trudy Mosk nauch -isst-inst. virus prep no 3:209-217 '65.

ECHO VIRUSES-CULTURES AND CULTURE MEDIA

Phenomenon of interference of enteroviruses in expert-ments on tissue cultures Report No 2; Use in capacity of interfering agent of noncytopathogenic viruses L. M Mentkevich Trudy Mosk nauch. -issl Inst-virus. prep no 3:145-151 '65

ECLIPSES, LUNAR

Possibility of 22-year cycle in earth penumbra brightness during lumar eclipses. A. Markov. Astron. tsii no. 306:4-7 O 164.

ECLOGITE see subdivision under Ural Mountains

ECONOMIC ASSISTANCE, DOMESTIC

Zlomanov, L.P., and L.S. Rybakov. [What industry does for agriculture] Promyshlomost-sel'skomu khozinist-vu. Moskva, Ekonomika, 1966. 86 p. (Aktual'nye problemy ekonomiki sel'skogo khozinistva)

ECONOMIC ASSISTANCE, RUSSIAN (see also subdivision under Africa)

Doguslavskii, M. M. [Legal problems of U.S.S.R. aid to foreign countries and licensing agreements] Pravovye voprosy pomoshchi SSR inostranoym gosudarstvam i litenzionnye dogovory. Moskva, Izd-vo Akad. nauk SSSR, 1963, 244 p. (NN)

Influence of the building of communism in the U.S.S.R. apon the progress of the human tace M D Solov'ev. Trudy LPI no.261:113-125 '66

ECONOMIC GEOGRAPHY see Geography, Economic

ECONOMIC HISTORY

Capitalist economy in 1966. E. Menzhinskii, Nov. vrem 25 no. 2·9·11 Ja 467

Koltunov, V.M. Development of the social character of the process of production during the period of the general crists of capitalism, methodological technological technological of the higher party schools | Razvitic obschestvennogo kharaktera protsessa proizvodstva v period obshchego krizisa kapitalizma, uchebno-metodicheskoe posobio dlia slushatelei VPSh. Gor'kii, Gor'kovskaia vysshaia partiinala shkola, 1965. 70 p. (CSt-11)

ECONOMIC HISTORY—YEAR BOOKS

[International yearbook: Politics and economics, 1966] Mezhdunarodnyl ezhegodnik: Politika i ekonomika, Vypusk 1966 g. Moskva, Politizad, 1966, 335 p.

ECONOMIC ZONING see subdivision under Uzbekistan

ECONOMICS
(see also subdivision under Ukraine)

The basic economic law and the problem of improving the efficiency of social production. V M Ageev Uch 229, Mord gos, un no 48 222-237 765
The classification of special fields of economic science, A Eromin Kommunist 43 no 18:105-108 D 166.

Economic laws of socialism A. Pashkov Plan khoz, 43 no.1:9-19 Ja *67

Kaganov, E. D. [Socialist reproduction and the market] Socialisticheskoe vosproizvodstvo i rynok, Moskva, Ekonomika, 1966–199 p.

Khodzhaev, A.M., ed. [Political economy; the preso-cialist means of production] Politicheskaia ekonomila, dasotsialisticheskie sposoby poizvodstva, [By] A.M. Khodzhaev i d., Moskva, Vyssiaia shkola, 1968.

Kuleshov, V.V. [Characteristics of the operation of the economic laws of socialism and their use; a lecture economic laws of socialism and their use; a lecture delivered at one-year higher economics courses.] Osobennosti deistvita ekonomicheskikh zakonov socislalizma i ikh ispol'zovanic, lekisila, prochitannala na vysshikh godichnykh ekonomicheskikh kursakh. Shakhty, Vyshide godichnye ekon, kursy rukovodlashchikh rabotnikov ugol'nol promysh., 1966. 35 p.
[MICROFILM]

Livshits, A.L. [Necessary and surplus product under secialism] O neobkhodimom i pribavochnom produkte pri setsializme Moskva, Znanie, 1967. 47 p. (Novoe v Zhizni, nauke, tekbnike. III Serila; Ekonomika, no.1)

V 2012nt, mane, tektonke. It seriat Ekonomias, no. 1]
Once more on noncapitalist development. R. G. Landa.
Nar, Az., i Aft. no. 6: 30-38 1-56.

Pimenoy, A. A. [Cognizance and use of the economic laws of socialism, a lecture delivered for students of higher economics courses] Poznanic i ispol'zovanic ekonomicheskikh zakonov socializma, lokisila, prochitannain dita slushatelei vysslikh ekonomicheskikh kursov.
Novocherkassk, Novocherkasskii politekhn.in-t, 1906.

[MICROFILM]

Plans and the market. V. Starodubrovskii. V mire knlg 6 no 12:5 D '66. Political economy and special fields of economic science. I. 18tn. Kommunist 43 no. 12:100-100 D '66.

1. Ith. Kommuniat 43 no. 12-101-101 p. 48.
Satisfying the needs of the people is an objectively ascertained goal of socialist production 1 Adames Komm. Ukr 11 no 12 27-36 D 106.
The subject of political economy, G. Anisimov, Kommunist 43 no. 18 90-99 D 168

ECONOMICS-BIBLIOGRAPHY see Bibliography-

ECONOMICS-METHODOLOGY

Methodological Council of the Economics Departments of higher party schools. Uch zap, Kaf sov skon Vys partshkoly no. 3 132-133 164.

ECONOMICS-STUDY AND TEACHING

[in step with life; collection of articles on practice in teaching political economy] V negu s zhizn'iu; sbornik statol ob opyte prepodavania politicheskoi ekonomit. Moskva, Vysskaia shkola, 1985. 134 p.

ECONOMICS, MATHEMATICAL

Aggregation in the interbranch belance. N.V. Dlumin, IU.S. Arkhangeliskii. Ekon, i mat. metod, 2 no. 6; 841-847 N-D 166.

Criteria of optimality in the layout of industrial materials for arbitrary shape blanks. IA.I Zabotin, Ekun, i mat. meted. 2 no. 6:863-869 N-D '66.
The Interbranch balance and models of the reproduction of the means of production. A.Kats. Vop. shon. no. 12,52-65 D '66.

no. 12,32-55 D '66. Mathematical formutation of the scheme of operation of the law of value. IU.I. Elkhenval'd. Ekon i mat, metod. 2 no 6:856-82 N-D '66. Method for calculating differentiation in the living standard of families taking into consideration differences in sex and age. V.IA. Raiteln, E.M. Foberezhskata. Ekon. i mat, metod. 2 no. 6:848-855 N-D *66.

ECONOMICS, MATHEMATICAL (Continued)

Nikol'skala, E.V. (Use of mathematical methods in the plauning for printing enterprises). Primemente matematicheskikh metodov v planu ovanii poligraficheskikh predpriatil, uchchnoe posobie. Nauch 1 ed. L.M. Khelets. Moskva, Mosk politickh in-t, 1965—121 p.

Optimal distribution of the production plan among open-put mines and factories P.T.TSerenahehrov Elon 1 mat rocted 2 no 6 920-923 N-D 166

Organication of work in the heating department of a blooming mill 14 krass Ekoner instructed 2 no 5 925-934 N D 460

Production function of the national economy of the U S S R In 1961-1963 B N Mikhale skii, IU P. Solo to Fkon i mat metod 2 no. 6 323-8 10 N.D 660

the of mathematical methods in determining the dependence of callingul-capital assets on the volume of transportation. V.G. Smekhola, Hudy MIII, no 2.48-5%.

ECONOMICS, MATHEMATICAL-CONGRESSES

Mezhdunarodnyl muchnyl seminar po vopi osam optimiza-isti planii ovanila i mezhotu slevogo balamsa, 1965. [Pioblems of optimal planning, materials] Pioblemy optimal nogo planirovaniia, materialy. Pod red. A.N. Etimova. Moskia, Elonomika, 1966. 292 p.

ECZEMA

Electroencophalographic examination. P. M. Leonenko.

Vest, derm, i ven mo. 12 16-21 162
Treatment of exsudative catarrhal diathesis in new born unfinite S N Gerdaro Arerb med thur 40 no 9 66 5 163

EDDY ELECTRIC CURRENTS ace Electric currents,

EDITING

Let us taly about out profession. N. hartsov. Sov. radio 1 tel. 12 no $(-1.2~M_{\rm F})$ 163.

EDUCATION

(see also subdivision under Germany, East; Nigeria; South Asia; Tatar A.S.S.R.; United States: Uzbekistan)

Children of the October Revolution. Al. Millichalov, Semila i shiola 21 no llti N '66.

Lenin's documentary materials relating to public educa-tion, October 1917-January 1923 Sov pedag 30 no 6 109-121 Jc '66

I cross prepare for the 50th anniversary of the October Revolution in a proper way. N. Naumos. Nor obt-no 12.84. D. 466

Transforming science into a direct moducitive force. R I Aleksandrava, Uch, 7ap Mord gos, un no 48 189-201 165

EDUCATION—AIMS AND OBJECTIVES (see also subdivision under Poland)

Contemporary concepts of basic education, S. Mor-zhan. Sov pedig. 30 no. 8 H2 H21 Ag. 166

Education abroad, according to TASS Agency material, Sov pedig 30 no 6 132-135 Je 166 General meeting at the Acidemy of Pedagogical Sciences of the R.S. F.S. R., V. Lebedevi Sov. pedag. 30 no 8 156-158 Ag 166

Lectures on the subject of "V. I. Lenin and education" in Ivano Frankovsk Province, D. S. Kostenhoi. Ukiv. fst. zhur. 10 no. 11:159 N '66,

"Mitrofunushka" plays the trumpet, M. TSentsiper, Semia i shkola 21 no. 12,4-6 D 166,

School and life N 1 Pirogov. Semila i shkola 21 no 12,31-33 D 166

The Sort dist Revolution and the school (1917-1918) Korolev, Z L Havrin Sor pedig 30 no 0:00-102 Ag 166

Some problems in the study of public education. I, 1A. khanbikov Sov, pedag 30 no. 6,83-92 Je 466

Some trends in the development of pedagogical science, N K Goncharov Sov pedag 30 no 6:11-23 Jc 466

The 23d Congress of the CP5U and the lask of raising the Irvel of educational theory 1 A Kalipy Sov pedig, 30 no 8 3 20 Ag 166

We are for education without unnecessary into ship, E.Shatskata, Mai Roman, no. 3:61-61 M1 '61,

What is education? A, V, I unacharskii. Semina i shlola 21 no. 11:17-18 N '66.

Word and deed Nar, obr. no 12:1-5 D '66

SDUCATION-CURRICULA

Recommended program for educating the students of eight-year and secondary schools. I.S. Martenko Sov peday 30 no.6 58-61 Je '66

DUCATION-EXHIBITIONS AND MUSEUMS

Knor and love your country, V Goncharenhko, Nar. obr no.12-68-69 D '66,

DUCATION—EXPERIMENTAL METHODS

Experience confirms V. Kumarin, Nar. obr. no 12: 40-44 D *68.

An experimental system of elementary education. L. Zankov. Nar. obj. no. 12:32-39 D '66

Gratifying results (A. Krotov (Nar. ob)), no 12 45- 40° (D) $^{\circ}$ (6),

EDUCATION-FINANCE

The development of public education and the budget, V Baser Nation for mo 12 well D '60

EDUCATION --- STUDY AND TEACHING are subdivision Ku ghizistan

EDUCATION, COOPERATIVE

It should help then studies, B.I.Kissin, N.N.Tetpliov-skii, Vest vys.shkoly 34 no 12:29-32 D 166

EDUCATION, ELEMENTARY

Gratifying cosults. A Krotov. Hor obs. no 12:45-49 D 166.

EDUCATION, HIGHER (see also subdivision under Averbaijan)

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vest vys enough 21 no 12 16-35 D 165.

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Toward the 50th anniversary of the Great October Revolution. Doshk vosp. 39 no 12 3-6 D 160

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The ways to improve the work of secondary schools of general education. Nar. ob: no 12 6-8 D 166

EDUCATION OF CHILDREN

But mistrova, N. N. [Pedagogical work with the sick child]
Pedagogicheskafa rabota s bol'nym rebenkom, Moskva,
Meditaina, 1964, 157 p.
(DNLM)

EDUCATIONAL ACCELERATION

Psychological premises of accelerated training in evening schools A I. Lupkina. Sov pedag, 30 no. 6'76-82 Je '56.

EDUCATIONAL ANTHROPOLOGY

Man and his education from the standpoint of contempolary bourgeois anthropology, T. F. IArkina, Sov. pedag, 30 no. 12 Hg-131 D '66

EDUCATIONAL PSYCHOLOGY

Active participation of students in classwork in the light of educational psychology S. F. Zuikov, Sov. pedag of educational psychology 30 no 8:68-80 Ag 166,

Krutetskii, V.A., ed. [Problems of the psychology of the abilities of schoolchildren] Voprosy psikhologii spo-sobnostei shkol'nikov. Moskva, Prosveshchenie, 1964.

We are for education without unnecessary tutorship, P. Shatskain, McL. Form, no. 3:61-64 Mr. 161.

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EGYPT-RIGHT OF PROPERTY

Perepelkin, 1U.IA. [Private property in the conception of the Egyptians of the Old Kingdom] Chastnala sobstvennost v predstavlenii egiptian Starogo tsarstva.

Moskva, Nauka, 1966. 125 p. (Palestinskii sbornik,

EHRENBURG, IL'IA GRIGOR'EVICH, 1891-

People, years, life, Book 5 (conclusion) | I. Emenburg. Nov. n ir 39 no. 3:116-139 M1 163,

EIDUS, KHAIM TEVELEVICH, 1896-

Kh. T. Eidus; on his 70th bi) thday. G. I. Podpalova, Nar. A., 1 Att. no. 6:155-156 166

EIDUS, KHAIM TEVE LEVICH, 1896—BIBLIOGRAPHY see Bibliography—Eidus, Khaim Tevelevich, 1896-

DIGENFUNCTIONS

Asymptotic behavior of the eigenvalues and eigenfunctions in a boundary value problem. S.S.Krite'ka Dop. AN URSR no 7:866-871 '63

EIGENVALUES

Asymptotic behavior of the eigenvalues and eigenfunctions in a boundary value problem S.S.Kritska, Dep AN URSR no.7:866-871 *63

Problems concerning eigenvalues with parameter in boundary conditions for elliptic equations degenerate in part of domain boundary, A.N. komarento Ukr. mst. zbut 18 no 6 3-11 166,

Problems involving eigenvalues for second-order difficiential equations in Banach and Hilbert spices. G.I Laptev. Diffuray 2 no 8:1151-1160 S '66.

ELASMOBRANCHII

Phylogeny of Clasmobi anchii N. N. Disler Zool zhur. 45 no 11,1673-1685 '66

ELASTIC PLATES AND SHELLS

Axisymmetric elastoplastic stressed state of shells of revolution, A. I. Borisiuk. Prikl, mekh. 2 no. 11:47-54 160.

Bending of a sectorial plate reinforced by clastic ribs. P.G.Goloskokov. Trudy LIVT no. 81 119-127 165.

Bending of a thin isotropic plate having a hole of general kind considering thermal stresses. E. F. Burmistrov, Konts, napriazh. no. 1.53-58 '65.

Bending of techforced plates V. I. Tul'chii, Konia, naprinzh no. 1-256-262 '65, Calculating shells of revolution with a small hole at the top subjected to symmetric and involvily symmetric lunding. V. I. Krugliakova, Konis, naprinzh, no. 1:153-163 '65.

Calculation of cylindrical shells on an clastic foundation by V.Z. Vlasov's variation method V I Nikolau Trudy SoiuzMorNIIP1 ockt no 9 58-63 '66

Calculation of plates on an elastic foundation and pilings A. Varvak Strol i arkhit II no. 8 33-35 Ag 433.
Concentration of moments around holes caused by the bending of thin plates considering physical nonlinearity. A. V. Stepanov. Konts. napriazh, no. 1:239-250 465.

Considering the conditions of the fastening of cylindrical shells to an elastic foundation VI, Nikolau Trudy SoluzMorNII Prockt no 9:63-71 166.

Convergence of small parameter method in solution of problem of bending nonorthotropic clamped plates, V. S. Sarkseian, Izv. AN Arm, SSR, Mekh. 19 no. 2:20-

V, S. Sarkasian. 12v. An Allander Indonesia.
30 '66.
Critical loads for areas weakened by holes with cracks.
A, A. Kaminskii, Konts. napriazh. no. 1,130-136 '65.
Deter mining elasticity coefficient of conjugation of circular cylindrical shell with end wall L. S Burshtein
Zap LGI 39 no 3;39-45 '61

ELASTIC PLATES AND SHELLS (Continued)

- Determing stress concentration around a hole in a shell (in linear for mulvition) I, I (he myth Konts napriazh no. 1 312-317 '65
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- pressure on inner Contour V N Korhevnikova Zap LGI 39 no 3-46-62 '61
- Influence of concentrated actions on shallor shells
 IU A. Shevliakov, V P Shevehenlo Fonts napriazh,
 no 1 326-337 *65
- ho i faces so concentration around a circular hole in a hyperbolic shell using the photocharle method, IU I Vologzhamnov, V I, Savehenko, M D I enchak, Konts, napriach, no 146-42 165
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- investigating stressed state of spherical shells in case of multiconnected areas, A.N. Guz! Konts napriazing I iii-ii9-165
- Limit equilibrium of a plate weakened by a system of cracks located along a straight line at an angle in the direction of tension. 1, 3 Birezhnitskii i onts nopriazh na, 146-62 %
- limit equilibrium of a plate weakened by internal pointed cuts. A P. Gr. 4900 | konts napriazh no 1404-110 LULS 165,
- Local stability of shells. V. P. Shirshov. Prikl, mekh. 2 no. 11:126-129 '66.
- Ronstendy zero-moment encepage of shells of revolution. R. M. Kinakosian. Izv. AN Ann. SSR. Mekh. 19 no. 2: 57-62 '66.
- One possible case of the loss of stability of a plane-snaped flexure of a rectangular strip. B.D Annin, IU M Volchkov. PMTF no. 3 88-89 My-Je 462.
- Optimum design of a reinforced cylindrical shell unde uniform external pressure A.1. Manevych, Dop AN URSR no. 7:875-878 '63,
- Physically nonlinear clastic plates weakened by an arbitrary hole. I.A. Tsurpal. Konts, naprinzh. no, i; 305-311 165,
- Putting boundary problems in the statics of shallow shells for multiconnected areas V. I. Guliaev, A. I., Sininvskii, Konts. naprach no. (125-129 65
- Sliding zones in the tension of thin plates with rectilinear cuts. P. M. Vitvitskii. Kents napriezh no. 178-85
- Stability of circular cylindrical shells in creep. A. F. Kuznetsov, L. M. Kuzshin PMTF no. 3:66-72 My-Jr '62
- Stability of transversally isotropic chicular plates. A.P. Mckonian, A. A. Kharatrian, Izv. AN Arm. SSR, Mekh 19 no 2:31-39 66.
- Steel distribution in a spherical shell around reinforced curvilinear holes. K. I. Shnerenko, Pikk, mekh. 2 no. 11:55-62 '66,
- Stress concentration around a hole ellipsoidal shell of revolution V. N. Buivel, Konts, napriorh, no. 159-63
- Stress concentration around curvilinear holes in plates and shells G. N. Savin. Konts. napriath no. 15-38
- Stress concentration in anisotropic and laminar shells of revolution. A. P. Mukoed. Prikl, meth. 2 no. ll;
- 37-46 106. hreesed state in a spherical shell weakened by two curvitinear holes. A. N. Guzi, K. I. Shnetenko nopriazh. no. 1,120-124 (65.
- A sufficient condition for the existence of a supplementary load causing zero-to-que condition in the shell. P. I. Kudrik. Konts, napriazh no. 1:174-178 165.
- Kuulik, Konts, napriazh no. 1:174-178 '65, Supercritteal deformation of elastoplastic cylindrical shells. O. M. Palli, Prikl, mekh, 2 no. 11:31-36 '66, Fiormal strosses in thin plates with reintorced edge, U. M. Koliano, Konts, napriazh, no. 1:137-146 '65, Transcritteal deformation energy of thin elastic shells, A. V. Pogorelov, Dokl AN SSSR 171 no. 2 310-312 N '66.

ELASTIC PLATES AND SHELLS-CONGRESSES

Vecsoluznela konferentelia po teorii obolochek i plastinok, 6th, Baku, 1966. [Proceedings of the Sixth All-Union Conference on the Theory of Sholls and Plates] Trudy, Moskva, Nauka, 1986. 1015 p.

ELASTIC PLATES AND SHELLS-VIBRATION

Vibrations of plates in a gas flow. G. A. Marchenko, A. P. Filippov. Prikl, mekh. 2 no. li:133-137 66,

Vibrations of two cylindrical eccentrically arranged shells in inviscid liquid flow B. M. Bulvol. O M. Huz' Dop AN URSR no 11:1412-1415 '66

- Generalization of the Carmith-Sacidion editerior for the case of a nonuniformly clastic solid. V 1 Mossakovskii, M, f Rybka Konts napriizh no. 1,179-187 ha
- Solution of two-dimensional boundary value problems of the states or an amsotropic clashe body. M.O. Bashelershvili. Trudy Vych tsentra MIGGO SSR 3 93-139 162

ELASTIC SOLIDS—THERMAL PROPERTIES

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- Production of GaSe single crystals and determination of their elastic paramitters. Kh. M. Khalilot, K. I. Rzacy Kristallografija. Il. no. 6 429-931. N-D. 166
- Propagation of an elastic wave of expansion in a cylindri-
- reorganics of an elastic wave of expansion in a cylind call amount opic nonhomog neous plate. U.D. Fuhen-c Konts, hapring hand 15:1-173 [155] Propagation of clastic waves along a cylindrical cavit, filled with a conducting fluid [I I Selezov, Konts-napifizh, no.1:225-232 [165].

ELASTIC WAVES -- SCATTERING

- I strome value of differential cross section of clastic scattering G. G. Arushano. Zhur ekspeteor fi. 51 no 5;1102-1404 N '66
- Slowing down of dislocation resulting from elastic wave scattering on impurities A M Kosevich, V D, Natsik Zhur eksp i teor fiz 51 no 1,1207-1219 () '66

ELASTIC WAVES-SPEED

- Electic wave velocity in specimens of exceptive and metamorphic rocks under pressures of up to 1000 kg-wt. E. I. Baiuk. Trudy Inst. ftz. Zem. no 27:16-36, 466.
- Plastic wave velocity under pressures of up to 10,000 kg st per and in chlorite schists of southern Sakhalia M P Volarovach, M F Skotikova, I S Tomashevskala frudy inst fiz, Zem no 37 61-67 168

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- Concerning R. P. Il'in's article "Dynamics of descending and ascending parts of hoisting rope "N P Neronov and ascending parts of hoisting rope Zap LCI 33 no 3,160-110 '61
- Equations of plane problem of different resistivities of modularity theory of elasticity. S. A. Amburtsumian, Izv. AN Arm. 58R. Mckh. 19 no. 2:3-19 '66,
- investigating methods for solving the contact problem in the theory of clasticity. M.S. Krolevets. Prikl. mekh. 2 no. 11:68-82 '66.

ELASTICITY—BOUNDARY VALUE PROBLEMS

- Use or p-analytic functions in solving one problem in axisymmetric theory of clasticity for laminated finite A. A Kapshivvi Vych mal [Kiev] no 2:115-
- tise of summory representation method in numerical solution of mixed boundary volue problem in two-direction-al theory of elasticity V P Gatun Vych met [kiet] no 2486-492 '66

ELASTICITY, EFFECT OF TEMPERATURE ON

Effect of temperature on the elasticity modulus of rocks under high pressure Z.I Stakhovskala Trudy Inst fiz Zem no 37 197-160 466

E LECTIONS

Statovoitov, N.G. [Procedures for organizing and conducting elections to the soviets] Portadok organizats il i provedenila vyborov v Sovety Moskva, IUrid. lit-1a, 1987. 69 p

ELECTRIC ANESTHUSIA

[Electronarcosis in surgery] Elektronarkoz v khirungii. [By] M.I.Kuzin i dr Tashkent, Moditsina, UrSSR, 1986, 182 p. (DNLM)

ELECTRIC APPARATUS AND APPLIANCES

- Mkushenkov, fu.G. [Optical systems in photoelectric in-struments] Opticheskie sistemy fotoelektricheskikh ustroisiv. Moskva, Mashinosirocnio, 1988. 158 p.
- Replacement of copper with aluminum in electric equipment repair operations. S. IA. Bolotin. Prom. energ. 16 no.1.25-26 Ja [6].
- Synchronization of antodyne with automatic amplitude control R Krivickas V Lesauskis Izv.vys ucheb rav; radiofiz 9 no.6;1334-1237 '66

ELECTRIC ARC

- Are erosion of the main contactors of electrical apparatus during commutation of large currents N. skii Elekti ichestvo no 12,35-39 D ¹66. N. N. Nikiforov
- Longitudinal flow of plasma in an electric arc. 0.13.
 Bron, L.K Sushkov. Elektrotekhnika 37 no 12 1-7
- ELECTRIC BATTERIES-MAINTENANCE AND REPAIR Reconditioning positive plates. IU, Babnev, G, Tikhomi-rov Avt, transp. 44 no. 12:85-36 D | 166.
- ELECTRIC BREAKDOWN see Breakdown, Electric
- ELECTRIC BRUSHES see Brushes, Electric

ELECTRIC CABLES

Ozernoi, M. I., and V.G.Sobolev. [Flexible mine cables]
Shakhinye gibkle kabeli. Moskva, Nedia, 1966 255 p.

ELECTRIC CHARGE AND DISTRIBUTION

Area aged equation of motion or charged particle in star-tionary random electromagnetic field. A G Litvak Izv vys scheb zav "radioti". 9 no 6;1229-1231 466

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- Electronic theory of catalysis and the experiment [F.F. Voltkmehtein [Hep.khim.] 35 no 7 1277-129 i Jl 466
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- Studying electroconductivity of polyacciviene 1. G, Melkonian and others 12v AN Arm SSR Pr. 1 no 3 182 - 185 '66

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- Electric conductivity of cruptive rocks of the Kola Penlissula at high temperatures. A T. Bondarenko Trudy Inst fiz Zem no. 37 192-199 566
- Electric conductivity of Kazal istan rocks at high tempor-atures. E. I. Parkhomenko, A.A. Berezutskafa, B. M. Urazacy Trudy Inst. ft. Zem. no. 37,180-191 (68)

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- Prequency converter for regulating an asynchronous notor based on a current inverter with electronic commutation. A V. Natalkin. Its vys. ucheb.zav., elektronickh. 9 no. 101121-1128 *65.
- Mechanical method for studying transients in frequency
- Mechanical method for studying transients in frequency converters in inverter operation 11 Kenter, III, P. Vasil'ev, A. F. Rezelitkov 12v vys whether zav; elektromekh 9 no 10:H36-H41 '66 Method for studying transient processes of circuits containing recitition converters, inductances, and e m f L R Neiman, A V Posse, M. A, Slonim Cloktrichastvo no 12:7-12 D '66
- Modeling of breakdown currents in semiconductor rectificia V. I Stul'nikov, E. V. Kolchev Izv vys ucheb zav., clektromekh. 9 no 10tll47-ll54 '66
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- Analytical method for studying transients and steadystate processes in a three-phase in tage recifier net-work I A.Zhorovskii, A.A.IAnko-Trinitskii Elek-trichestvo no 12:3-6 D 466
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- Network for signaling the quenching of rectifiors of large rectifier systems. A.S. Zasypkin. G. B. Chernikov Lav vys ucheb zav , elektromekh 9 no 10:1132-1135 '86

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- 1 imiting cirrent to rotating disv electrode as depending on concentration of foreign electrolyte VV, Malev, IA V Durdin Elektrokhimina 2 no. 11 1354-1358 Iv 106

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- Special features of strip-type quartz discharge lamps, V P Kirsanov, S V Troshkin Stetotekhnika 13 no 112-15 Ja *67

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- Experimental study of properties of electric discharge in air flow V I Afferov. A.S Bushmin. B V. Kalachev Zhur eksp i teor fiz 51 no 5 1281-1287 N '66
- Kinetics and mechanism of conversion of simplest hydrocarbons in glow discharge at low pressure, Part 2 E. N. Borlsove, E. N. Eremin Zhur, fiz khim, 40 no. 11;2713-2718 N '66,
- Spectroscopic studies of glow discharge through air, M M Bogorodskii, E.N Etemin. Zhur, fiz khim 40 na, 11(2771-2773 N '66,
- Stationary concentrations of nitrous oxide in discharge, Part 7, L M. Krykhtina, A. N. Mail'tsev, E. N. Eremin, Zhur, fiz Frim, 40 no. 11,2784-2788 N 466
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- Effect of some organic substances on situature of double electric layer on platinum, V. E. Kazarinov, G. N. Manaurov Elektrokhimila 2 no. 11:1338-1340 N '66.
- Fifect of serface-active lons on adsorptive and catalytic properties of platinum and palladium. G. D. Zakumbaeva, D. V. Sokol'skii Trudy Inst khim, nauk AN Kazakh SSR 14,9-56 166
- Study of the attucture of double electric layer on gallium by method of electrocapillary curves. A.M. Morozov, N.B. Grigor'ev, I. A. Bagotskaia. Elektrokhimita 2 no. 11:1235-1239 N 166.

ELECTRIC DRIVING

- Calculating electric synchronous drive with a cyclic loading in case of a varying coefficient of the shape of loading curve M A Orudzhiller, M M Rasulov, F I Galbora Zatekh prog 6 no 12 26-28 D 166
- Calculation of mechanical transients of electric drives with varying moment of mertia. Sh Khalas trotekhnika 37 no 12 7-9 D '66
- Equations of the dynamics of an electric drive with a frequency converter I I Epshtein Elektroteklinika
 37 no 12 9-12 D 466
- Institut elektromekhaniki, [Electric drives and control systems] Elektroprived 1 sistemy upravientia. Moskva, Nauka, 1906. 235 p.
- Khamudkhanov, M.Z., ed. [Frequency speed control of a.c. drives with automatic regulation from rectifierconverters Chastotnoe reguli ovanie skorosti elekti o-privodov peremennogo toka s aytomaticheskim upi avleniem of ventil'nykh preobrazovatelei. (Byl M. Z. Kha-mudkhanov i dr. Tashkent, Fan, 1966, 441 p.
- Mugganov I ul. Tasheni, Fan, Foot Tr.,

 Kuznetsov, B. V. [Choice of electric motors for industrial mechanisms] Vybor elektrodvígatelia k proizvodstvennym mekhanizmam. Mínsk, Belaius', 1966, 168 p. (Bibliotechka elektromonicia, 10,17)
- Optimal to ajector ites of transferd processes of electific drives PS Bondarenko, AS Korkhin, Izv vvs uc zav; elektromekh 9 no 10:1065-1091 '65 Selection of optimal parameters of a drive with given response GA Chirelkina Izv vys ucheb zav, elektromekh 9 no 10:1092-1101 '66

ELECTRIC ENGINEERING

- Defense of dissertations for the degree of Candidate of Technical Sciences. P.A. lonkin. Izv. vys. ucheb. 7av radiotekh. 9 no. 6'793-796 N-D '66.
- Lielturks, A. [Theoretical electric and radio engineer-ing] Teoretiska elektrotchnika un radiotebnika. Riga, Zvaigzne, 1966. 295 p. [In Latvian]

ELECTRIC ENGINEERING-DICTIONARIES

[Czech-Russian dictionary on electrical engineering and electronics. Approximately 30, 000 terms] Chesheko-Russkii slovan' po elektrotekhnike i elektronike. Okolo 30 000 terminov. Moskva, Sovetskala Entalklopedija, 1966, 524 D.

ELECTRIC ENGINEERING -- PERIODICALS

- Index of articles published in "Elektrichestvo" for 1966 Elektrichestvo no 12,85-90 D '66.
- Index of articles published in Elektrotekhnika" for 1960 Elektrotekhnika 37 no. 12,61-64 D 166
- Regulations for preparation of articles for publication in "Electrichestvo" Elektrichestvo no 12,93 D '66

ELECTRIC ENGINEERS-REWARDS, PRIZES, ETC.

- Awaiding the A.S. Popov Prize by the Academy of Sciences of the U.S.S R. for 1965 M 5. Netman 177 vys ucheb 2nv; radiotekh 9 no 6:797 N-D '66
- ELECTRIC EQUIPMENT INDUSTRY see subdivision under Kirghizistan
- ELECTRIC EQUIPMENT INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Exivan; Ural Mountain region

ELECTRIC FIELDS

- Calculation of a plane-meridional static field in a non-linear medium O, V Tozoni, Teor, electrotech. no. 1. 128-132 166.
- Effect of internal field on diffusion in somiconductors N. M. Boi dina. A. M. Vasil'ev. D. A. Popov Fig. twentels 8 no 7-2248-2250 Jl '56
- Electrocaloric effect in triglycine sulfate single crystals. B. A. Strukov. Kristallografiia 11 no. 6 892-895 N-D
- Positive column between coaxial cylinders (radial curtent) A.M. Rezikian Izv AN Alm SSR Fiz 1 no 1-222-226 '66.
- Theory of spin-lattice relaxation of conduction electrons in strong electric field V. P. Kalashnikov Fiz tvor tela 8 no 7:2130-2136 Jl '66

ELECTRIC FILTERS

- New principle of the construction of three-phase symmet-rical component filters. O. M. Millakh, A. K. Shydlov-s'kyi. Dop. AN URSR no 11 1464-1466 162,
- Optimal two-channel filter with finite memory. L.N. Lipatov. Aviom.i telem. no 11-158-150 '66. Results of the testing of multipolar electric filters. N.G. Zalogin. I.L. Tarnavskii, G.S. Chekanov. Tepleenergetika 8 no. 2:28-35 F '61.
- Study of a differential FM discriminator with staggored circuits IU, L. Bogoredskii, Trudy VNIIRT no. 1:123-133-164.

ELECTRIC FISHING

Behavior of Black Sea anchovy regarding underwater light sources. E. B. Moisceva, M. F Sapin. Ryb. khoz. 12 no. 11:18-21 '66,

ELECTRIC FURNACES

Device for programmed regulation of temperature in the electric furnaces (UPR-3). Vest. AN SSSR 36 no. 12:

ELECTRIC FURNACES-DESIGN AND CONSTRUC-

- Temperature conditions of the bath in high capacity eventric are steel making farmaces $-V_{\rm e}S$ Rocker and other State 26, no. 12 1100-1104, D 1
- ELECTRIC FURNACES-EQUIPMENT AND SUPPLIES Device for determining the position of the coll pdp. In the contact fowlst of an arc furnace. A. G. 1 chedz', Prom. energ. 16 no. 1(20 Ja 16).

ELECTRIC FUSES

High-speed fuses with liquid cooling, R S, Klanchattek ji Elektrotekhnika 37 no. 12 42-15 D 466

ELECTRIC GENERATORS

- Calculation of nonaymmetrical operation of a three-it vesynchronous generator with permanent magnetic of the solid pole terminals. I. T. Talyahinekii, M. 3. V (p. 17), vys. ucheb. zav. "elaktromekh...» no. Il 1203-121.
- Determination of the forcing coefficient of a matic excitation system V N Brown, V V, Lange, A 5 Centrals Elektrotekhnika 37 no. 19 57-60 D Cen
- Mathematical modeling of electromechanical transmits of a synchronous generator with rectifier load, A.P., Tipikin, Izv. vys. ucheb. zav., slektronicki, 9.1.11 1246-1253 468.
- | Technology of the manufacture of large electrical machines in three parts | Technologia krupmogo elektromashinostroenta v trekh chastiakh. [Dy] D. M. Dilin meskrants i di. Moskva, Energia.

 Pt. 3. Bliumenki ants, D. M. [Heavy matchine s]

 Krupnye mashiny. 1966 305 p

ELECTRIC INDUSTRIES-INDUSTRIAL CAPACITY

- Furacya, V.V. [Capital assets and productive capacities in the electric industry] Osnovnye fondy instance two nyo meshchnosti veloktopromyshlemicati, Red. I.I. Nelidov. Moskva, Mosk, ekon, in-t, 1966, 47 p.
- ELECTRIC INDUSTRY WORKERS-DISCASI S AND HYGIENE see subdivision ander Extran
- ELECTRIC INDUSTRY WORKERS-REWARDS, PRIZET.
- ETC.
 Rewarding of power engineering workers participating at the Exhibition of the Achievements of the National Economy of the U.S. S. R. in 1985. V. N. Dorovitokii Dec. sto. 37 no 11,05-96 N '66,

ELECTRIC INSTRUMENTS

- Analyzing errors in high-speed leating instruments of electric devices, G.S. Akapian, M.G. Tei-Min tire also lzv. AN Arm. SSR Sei, tekh, mark 19, no. 5 35 10 Un.
- Stretchers with a low thermoelectromotive force colliners of with copper, Z. A. Timofeeva, T.G. Petrova 1411 ed with coppts, Z. 3, 1 mm tekh, no. 6 40-42 Je 462.

- ELECTRIC INSULATORS AND INSULATION
 Concerning the article "Choice of insulation for 35 to 220 kv, electric power transmission lines in many with a polluted atmosphere, "O.G. Vekstellmen, O.G. Vekstellman, Prom 16 no. 1:60 Ja '61,
- Electric insulating pyroceyamics on basis of rock minerals. K.S. Kuinteladze, R.D Verula shill Stek i ket. 23 no. 11:24-27 N '66
- High-quartz, low-potassium, finely dispersed psecolain for insulators. B.f. Galdash Stek 4 ker. Of no. 11 33-36 N 106.
- Measuring the insulation parameters of a mine lowvoltage notwork, I., S. Tonkenhkur, L. G. Fainshtein Izv. vys. ucheb. zav. .gor. zhur. 0 no. 5:168-173 163 Prospects for decreasing insulation levels in networks exceeding 500 kg. M. M. Akodis, A. A. Gritaak, V. N. Smetanin. 17v. vys. acheb. zav., energ. is to: 11, 1-8. N. 166.
- Rapid method of air drying of high-voltage insulator parts and blanks. R. N. Krimer. Stek, i ker. 23 no. 11 41-42 N 486.
- Replacement of defective insulators on intermediate sail onchor poles of 500 ky. Hues. V.M. Potukhov. Fire anchor poles of 500 kv. Hnes. sta. 37 no. 11:53-57 N '60,
- Using the method of differential thermographic analysis for studying the thormo-exidative destruction of the films of organosilicon electric insulation larques. A. A. Alent'ev, A. A. Pashelienko, I. I. Kletchenkev Khim, prom. [Ukr.] no. 3:12-15 JI-S 162.

ELECTRIC LAMPS

- Karlakin, N.A. [Illuminating apparatus of the projector and searchlight typos; theory and calculation] System pribory prozhektornogo i proektornogo tipov; teoriln i raschet. Moskva, Vysshala shkola, 1906. 409 p.
- ELECTRIC LAMPS, FLUORESCENT 800 Fluorescent electric lamps

ELECTRIC LAMPS, INCANDESCENT

Incandescent lamps for light signal devices. 1. Belova Rech, transp. 25 no. 12:33-35 '06.

ELECTRIC LIGHTING

Etectric lighting of sewing shops. M. Kh. Teif. Svetotokhnika 13 no. 1,24-28 Ja 187.

ELECTRIC LIGHTING (Continued)

- Nonparametric methods for evaluating the aignificance of results. V. F. Dubenskaa. Systotekhuika 13 no 1. 28-29. Ja. 467
- Through the pages of foreign magazines 3 etotekhnika 13 no 129-30 Ja *87

ELECTRIC LIGHTING, FLUORESCENT see Fluorescent Lighting

ELECTRIC LINES (see also subdivision under Transcaucasia)

- Saying of copper in the electrical departments of mining and metallingical combines. A. V. Shtenger. Prom. charg., 16, no 1923-24, Jr. 961
- ELECTRIC LINES-MAINTENANCE AND REPAIR See subdivision under Talikistan

ELECTRIC LINES—OVERHEAD

- Concerning the article "Choice of insulation for 35 to 220 ky electric posen transmission lines in areas with a polluted atmosphere. O.G Velsellmin Prom. energ. 16 no 160 Ja 61
- Devices for measuring the grounding resistance of power line poles without discouncition of the overhead wire, 5. M Popov. Flet 9ta 37 no 11:68-72 N 186.
- Prospects for decreasing insulation levels in networks exceeding 300 km. M. M. Modia, A. A. Gritsuk, V. N. Smetanin. 128 vys. with Zaw., energ. 9, no 11:1-8, 21, 766.
- Replacement of defective insulators on intermediate and antchor poles of 500 kV, lines V, M Petukhov Elicksta, 47 no 1151-57 N 166.
- Well groundings in districts with permatrost, V. A. Hed Win Fick sta 37 no. 11:57-59 N 166

ELECTRIC LINES .-- POLES AND TOWERS

- Amehoring of 35-220 kv, power line supports in swelled soils. N I Martin Blek sta. 37 no 11 60-62 N 66 Constituction of power transmission lines using kermesite reinforced concrete towers, V. Sh Kalandaze Energ, stret, no 8:42-45 466.
- Mabile timber poles for electric transmission lines in apartipli mining N 5 Tovetkov Gorzhuz no 12,61-65 D '66
- Let's technique for assembling AP-shaped poles. S.I. Ishchuko, S. V. Dem'namako. Transp stroi. 11 no.11 51-51 N. 161.
- Use of reinforced concrete foundations of power line to vers for groundings in rocky solls N.P Kallgrob, Liek, sta 37 no 11:52-64 N 465
- Use of the KLTP-7 tower construction crane in the enerthon of power transmission lines and substations.
 D D Vinogradov Prietg stol no 6 31-42 *66

FIECTRIC LINES-SAFETY MEASURES

Use of SKZ-4 short-circuit counters. G. I. Obocv. Dick. sta. 37 no 11 90-91 N 466.

ELECTRIC LOCOMOTIVES

- (see also subdivision under France; Germany, East; Novocherkassk)
- Breakdown of engine disconnector bays G. I Gavillov, N. S. Kaipikov Fick, I tepl tiag (-10 no. 10, 33-44 O 486
- Experience in the operation of 21-PM-1 electric locomotives. F. M Sterlin Fick i tepl tiaga 10 no, 10 35 36 O 166
- Newsof foreign technology. Zhel, dor, transp. 48 no. 10: 0.2 O 166
- Replies to the inquiries of our readers. Tick i tep! ting 3 10 no. 10.37 O 468
- Using sea iconductors in transportation. Zhel. dor, transp. 48 no 10,79-80 O 166.

ELECTRIC LOCOMOTIVES -- BRAKES

Testing the 13E-1 - 2IE1 industrial electric locomotives with regnerative braking S.D. Levintov, G.V. Polla-lov, G.M. Pogorelov. Izv vys, ucheb zav ;gor zbur 6 no. 5-161-167 '63

E LECTRIC LOCOMOTIVES-MAINTENANCE AND REPAIR

- Changing repair operation cycle of VLS electric locomotives, G.A. Ignatenko, G.G. Ogulenko, I'Z Drapkin Zhel, doi transp 48 no.6:72-73 Je 166
- Kilin, N.T. [Advanced methods of repairing electric locomotives, from experience of the Kurgan Station]
 Percolovye metody remonta elektrovozov, iz opyta Kurganskogo depo. [Cheliabinsk] IUzhno-Ural'skoe knizhmoe izd-vo, 1965. 26 p.
- Success is guaranteed by good organization of work and production. Elek i tepl tinga 10 no 10:19-20 O 166.

 Useful suggestion V A, Baulin Elek, i tepl, tinga 10 no 10:18-19 O 168

ELECTRIC LOCOMOTIVES-RELIABILITY

- Investigating electric locometive reliability, D. A. Kura-sov, Zhei, dor, transp. 48 no. 6; 74-76 Je 166
- ELECTRIC LOCOMOTIVES-TRANSMISSION DEVICES New geared transmissions for electric locomotives, S. I. Proskuriakov. Zhel, dor, transp. 48 no. 7:64-67 11 66

ELECTRIC MACHINERY

- I ormulation of a problem on the calculation of eddy corrects in bodies with random form E.1, Petrushenko Izw vys ucheb zav jelektromekh 9 no li list-1884 166
- Vol'dek, A.I. [Etectrical machinery] Dicktricheskie mashiny. Moskyn, Energila, 1966. 782 p.

ELECTRIC MACHINERY—DIRECT CURRENT

Differential equations of saturation voltages of non-salinct-pole a, c, machines RV Ptilts 170, v,s ucheb zav elektromekh 9 no. 11 1195-1203 166

LLECTRIC MACHINERY-MAINTENANCE AND REPAIR

Malyshev, E.I. [Preparation for storage, storage, and poststorage it catment of the electrical equipment of ships Konservatsifa, khranente i raskonservatsifa sudovego elektrooborudovanila. Moskva, Transport, 1966, 26 p.

ELECTRIC MACHINERY—PRICES

Concerning t 5h Sabitov's article "Methods for determining the wholesale prices of power generating equipment taking into account its efficiency $^{\rm 10}$ Their gomeshinosticents B no 843. Ag $^{\rm 162}$

CLECTRIC MACHINERY—WINDINGS

Device for localing half insulation damage in the excitation windings of salient-pole machines. V. M. Dolgopatov, V. G. Etchov, V. P. Tarabrin. Elek. 4to. 37 no. 1184-90 N. 466

electric machinery, synchronous

- Angular characteristics of salient-pole synchronous machines with per manent magnets. E.A. Tolkachev Izw.vys ucheb zav., clektrowikh. 6 no. 11 1216-1223 lθ6,
- Determination of x reactance dissipation of a stator winding I,E Rodionov, N S Siumiv Izv vys, ucheb zav "elektromekh, 9 no. H 1233-1236 166
- Magnetic field of a stator in the air gap of a synchronous salient-pole machine. N.D. Montushko Lev vys ucheb, zav elektromekh 9 no 11 1237-1245 566
- Methods for practical accounting of steel saturation in determining transverse synchronous reactance, R. V. Oganian Izv. AN Arm SSR, Ser tekh nauk 19 no 5 9-
- Qualitative study of self-rocking synchronous reactive machines E V Konenko, A. L. Kishtsyn, Izv. vys ucheb zav "elektromekh 9 no. 11;1180-1194 *66

ELECTRIC MACHINERY, SYNCHRONOUS-TESTING

Using the method of forced harmonic vibrations in cxperimental determination of frequency characteristics of a synchronous machine. V.I. Saskov, D. S. Melkonian, A. I'. Ab. Izv AN A1m, SSR Set tckh, nauk 19 no. 5 22-27 *66

CLECTRIC MEASUREMENTS

- Calculation of some errors of double transformer measuring hidges. V. P. Karpenko. Avtometrila no. 3 122-125 466
- Design of toroidal transformers with minimum winding constance for bridge chewits. A. L. Grokhol'skii, E. I. Kashchevy, N. P. Shmollov. Autometria no. 5 111-117
- Davice for measuring potentials in high-voltage d o systems V. I. Sharov Eicktrichestvo no 12,78-80 D '66
- Devices for measuring the grounding resistance of power line poles without disconnection of the overhead wire. S M Popov Elek sta. 37 no.11:68-72 N *86.
- Dynamics of a two-channel ferrodynamic autocompana-tor. P. P. Kemeshis, G.M. IAsinevichene. Avtometrila no.5 64-70 '66.
- Electric measurements in the lesting of refrigerator com-pressors I M. Agarev, L. P. Medovar Khol tekh 39 no 3 10-13 My-Je '62
- Flectrodynamic condensor as converter of weak direct currents. V.I Pankratov, I.T. Prilipko, Shor, trud, Uki NHB no. 7 122-133 '66,
- One radiophysical method of measuring small mechanical oscillations V. B. Braginskii, A. B. Monukin Izv vys ucheb zav , radiofiz 9 no 6-1196-1201 '66
- Self-balancing bridge device measuring stator-to-rator clemances in turbomachines, F. B. Grinevich, E. E. Dobrov, V I Nikulin, Avtometrita no. 5:56-59 *66,

ELECTRIC MEASUREMENTS ... CONGRESSES

International conference on problems of electrical measurements of nonelectrical values and automatic control held in Kart-Mary-Stadt. A. M. Mellk-Shakhnazarov. Autometrila no. 3:131-132 *166.

ELECTRIC METAL CUTTING

Akademila rauk SSSR. Nauchnyl sovel po probleme "No-vye protegssy poluchenita i obrabotki metallicheskikh materialov " [Physical basis of electric spark machin-ing of materials] Fizicheskie osnovy elektroiskrovol obrabotki materialov. Moskva, Nauka, 1988. 158 p. Electrochemical drilling of notes in constant magnets, V. M. Mordekhai Vest, mashinostr. 46 no. 12:48-50 D Inc

ELECTRIC METERS

- Plectric measuring instruments for antiseptic work. V.D. Chulkov Mont i spets.rab vistroi 25 no 8 23-24
- Grokhol'skii, A.L. [Q meters] Izmeritali debrotnosti -kumatry, Novosibirsk, Naura, 1966, 258 p.

ELECTRIC METERS -- CLASSIFICATION

Classification of electric measurement equipment A.M. Turichin, 12m tekh no 55-9 Je *62

ELECTRIC MOTORS

- Design of a printed armature winding with a ferromagnetic cone. O. N. Dalakshvili, M. A. Marakvelidze, M. I. Gol'dbaum Izv. vys ucheh zav "elektromekh no. 11 1254-1260 166
- Dynamics of stepping motors with printed windings R. G. Randina | Elektrichestvo no 12, 18-52 D 166
- Start of an electric motor with rolling rotor A.1. Retition, V V Varlet Elektrotekhnika 37 no 12 19-22 D 166.
- Prechaology of the manufacture of large electrical mareaningly of the manufacture of thige electrical machines in three parts] Tekhnologila krupnogo elektromashlnostroentin v trekh chasilakh. [By] D M Bliumenkrants t di. Moskva, Energia

 Pt.3 Bliumenkrants, D M [Heavy machines]

 Krupnye mashiny. 1968 305 p

ELECTRIC MOTORS-STARTING DEVICES

In the factories, Prom, energ, 16 no, 154 Ja '61, Starter clutch attachment to the motors of impact mills

and fans E I Vokova and others Energomashinostroc-nic 3 no 8 35-37 Ag '62

ELECTRIC MOTORS, DIRECT CURRENT

- Eddy current losses in the winding of a smooth armature of ad. c. machine. IU. A Mulatov, Izv vys ucheb. /av., clektromekh 9 no li 1185-1189 *66.
- Difficiency and some optimal parameters of a contactless d c motor I F Ovchinnikov Flektrichestvo no 12; 44-17 D '66
- Electronic speed control of a d c, motor. V.I. Lazarev, A S. Shapho, Trudy VNIRT no. 1:72-82 '61
- Heating of an end-type d.c. motor with printed armature winding, N.V. Astakhov, R.G. Dehamalutdmov Elektrotekhnika 37 no. 12 12-14 D '66.

ELECTRIC MOTORS, INDUCTION

- Asynchronous motor with contensors in the rotor circuit, V V. Peregudov Elektrotekhnika 37 no. 12 17-18 D 166
- Automation of a skip hotst with asynchronous drive and tipping of skips with deceleration dependent control A.L. Vinogradiov. 12v vys ucheb, zav., elektromekh, 9 no. li 1271-1278 *66.
- Calculation of currents and moments of a vibrationless network for connecting induction motors and obtaining creeping speed V 1', Zverevich, G D, Kadeev Izv vys ucheb zav.; eluktromekh 9 no 10:1067-1075 156
- Calculation of unit slot conductance of the magnetic wedge of an induction motor, O. D. Gol'dberg, F. K. Makarov, L. P. Trusova, Elektroteklinika 37 no. 12 14-17 D. 166
- Geometry of the toothed zone of an asynchronous inductor motor E.A.Lukin. Elektrotekhnika 37 no. 17-55-57 D | 166
- St. D '68

 Khamudkhanov, M.Z., ed. [Frequency speed control of a.c. drives with automatic regulation from rectifior-converters] Chastotnoe regulirovante skorosti elektroprivodov poremenogo otoka savtomatichoskim upravieniem ot ventil'nykh preobrazovatelei. [By] M.Z. Khamudkhanov I dr. Tashkent, Fan, 1966. 441 p.

 Study of electromechanteal processes of an asynch onous
- motor in capacitor braking mode S. I. Kilsis. lzv. vys. ucheb zav ; alektromekh. 9 no 10:1076-1084 '66.

ELECTRIC MOTOHS, INDUCTION—COOLING
Schaellvyl, G.G. [Heating of enclosed asynchronous
motors] Nagrevanic zakrylykh asinkhronnykh elektrodvigatelef. Kiev, Naukova dunkn, 1986. 195 p.

ELECTRIC MOTORS, INDUCTION-CURRENT SUPPLY

- Equations of a nonsymmetrical two-phase asynchronous motor with nonsinusoidal and nonsymmetrical voltage ed I. P. Kopylov. Izv. vys.ucheh. zav , elektrome kli. no. 10:1001-1006 '66
- Network for regulating a frequency convertor without a d c. link B. I. Firago lzv vys ucheb zav , energ 0 no. 11:31-36 N 466.
- Study of static characterattics of a.c. transmission for independent units. V. I. Andres: G. V. Novikov. A.D. Stepanov Elektrichestyo no.12:62-66 D '66

ELECTRIC MOTORS, INDUCTION-TESTING

Testing a leading ATD-8000-2 Induction motor. O.V. Livanova, V.D. Klimovitskii, Elok, sta. 37 no. 11; 40-44 N 166,

ELECTRIC MOTORS, SYNCHRONOUS

Determination of the acceleration time of a synchronous motor with reactor storting, P.S. Tiegul'skii, Prom. energ. 16 no.1:16-19 Ja '61.

ELECTRIC MOTORS, SYNCHRONOUS (Continued)

Exitation control law of lattic synchronous motors with sharply varying loads, I V Noredina, I M Scryt, A V, lanko-Trimitskii 12v vys uchrbitaty leiktrometh. 9 no il 1224-1232 366

ELECTRIC NETWORK ANALYZERS

Method for calculating inductance coils for simulating distribution networks or open pit mines. A. B. Muss, R. K. Smiting. 12v. vsa ucheb sav., energ. 9 no 11 25, 30 N. 466.

Models of an electrical system with conjugate impedances V. G. Kadelshvill – Picktrichested no 12 77 D 166

ELECTRIC NETWORKS

Analysis of an iterative algorithm for adjusting a discrete corrector without feedback. V A kise! Tear, elektrotekh no. 1 108-117 166

Analysis of composite electromechanical transducers A.S Ph. lo. Teor elektrotekh, no 1 59-66 166

Analytical calculation of direct and reverse relayeffect with directis with thermistors. L. M. Rogalia, Teor. cleviants in no 1:102-107 (66

Analytical method for calculating and studying electromagnetic translents in circuits with rectifier $\sim 1.~\lambda$. Therewere, A. I. Anto-Trinitskii Teor, alektrotekh, no.1,77-83 166

Approximation and properties of the voltampere characteristic of a thermistor 1 M Rogalia Teor. elevtroteckh no 1-95-101 '66

Calculation of minors by means of graphs. B.1, Blazh-kevich Teor, elektrotesh no 1 44-49 '66

Change in the control network for a generator and the contactors of the GMP-100/2500 condenser system, G. A. Kolkanov Prom energ, 16 no. 1.20-28 Jn '61.

Concerning the calculation of a low-voltage cable network for mines with consideration of starting conditions, V. P. Muravicy, Prom. cnerg. 16 no. 1:47-51 Ji '61.

Construction of electronic models of electrical network, V G Vasiliev Teor electrotekh, no. 1,10-25 186 Feedback in electrical networks. A, A, Rizkin. Teor, electrotekh no. 1,33-38 186

Network synthesis by given time duration of action and response. 1.V kitsul Teor elektrotekh, no. 1 20-

One form of a solid symmetrical 12-terminal network L.G. Dorfman Elektrosviazt 20 no 12 73-77 D 166.

Operation of a phase deterior circuit with square input voltage IU V Popov Izv vys ucheb zav ; radiotekh a no 5.790 N-D '65

Principles of the design of dynamic circuits G. C. Pukhov, B. A Borkovskii, Teor elektrotekh. no. 1; 5-16 '66

Study of linear systems using a topological method, B f, Blazhhevich. Teor elektrotekh, no. $1\cdot37\cdot43$ '66, Use of methematical sets in the analysis and calculation of complex networks = N G. Makstmovich = Teor. electrotech, no 1:50-58 '66,

ELECTRIC NETWORKS-MCASUREMENT

Automatic electronic phase meter for measuring phasefrequency characteristics of four-terminal networks V.P. Kashley. Autometria no. 3 47-52 468.

Grokhol'skli, A.L. [Q meters] Izmeriteli dobrotnosti kumetry, Novesibirsk, Nauka, 1966, 258 p.

Measurement of the parameters of an N-terminal network. E. V Zeliakh, V A Kisch Aytometrita no. 3 3-10 166

ELECTRIC OIL WELL DRILLING see Oil well thilling, Electric

ELECTRIC OIL WELL LOGGING see Oil well logging,

ELECTRIC OSCILLATORS see Oscillators, Electric

ELECTRIC POWER

Comparison of unit expenditures of electric power and gas in heating processes. A. S. Nekrasov, IU. V. Siniak, Prom. energ. 16 no. 1:4-9 Ja '61.

Concerning the objectives of the magazine "Promyshlennaia Energetike" in 1981. Prom. energ. 16 no. 1:1-3 Ja '61.

Determining electric energy loss in friction of string of rods and tubing in crooked wells A. G. Mistrande Azerb neft khoz 45 no 9:29-30 S 566

[Electric power production and utilization in foreign countries; supplement to the periodical "Electricheskie stantsii"] Energekhoz, za rub. no.6 N-D '66.

Problems concerning the saving of electric power in electric steel smelling. L.Z. khmel'nitskii. Prom. energ. 16 no. 1:55-57 Ja '61.

ELECTRIC POWER DISTRIBUTION

Chernobrovov, N.V. [Relay protection] Relainata zashchita, Izd. 3., peror. i dop. Moskva, Euergita, 1968, 760 p.

Concerning the transformation of systems 5, M. Rozhavskii. Izv vys ucheb, zav ; energ 9 no 11:03-95 N 160

Concerning the use of 20 ky potentials V. A Kozlot Plekt telebayo no 12.72-71 D F6

Determination of loss to the national economy due to interruption of power Supply and power defict in a distribution system. M.N. Rosenov, A.V. Missattov Trudy VIIIE no. 22 39-58 465.

Experimental study of laws governing changes in upper harmonics of currents and voltage during traction loads. D. V. Timofoev - Trudy VNIIC no 22 231-246 165

Fridkin, I.A. [Operation of distribution sites and transformer substations] Eksploatats is raspredelitelinykh punktov i transformatornykh podstantsii. Moskva, Energiia, 1966. 76 p. (Biblioteka elektromontera, no. 207)

Method for analyzing networks compensating reverse sequence currents in a three-phase load. A k Shydlovs kyr. O D Muzychneko. Dop AN URSR no li 1447-1450 cc.

Overloads and power losses in condensers in presence of upper harmonics S.K Medwedev Elektrotellinika 37 no.12 15-48 D '66.

Power parameters of a three-phase condense system at non-symmetric potentials. V.G. Avvakumov. I/V. vys. ucheb. 2au., energ. 9. no. 11.99-101. N. 166.

Probability characteristics of power deflett in an electic power system. N.A Kartvellshvill, Trudy VNIIE 10,22 20-31 465

Problem concerning the choice of efficient voltages for industrial power distribution networks, B.I. Gol'denblat, Prom. energ 16 no 1:57-58 Ja '61.

Prospects for balancing the operation of electrical systems with single-phase traction loads D.V. Timofeev. Trudy VNIE no. 22:185-205 165

Quantitative evaluation of voltage quality and optimal mode for the regulation of the voltage of electric power distribution networks. F. F. Karpov. Trudy VNIIE no. 22: 266-221 '65.

Reliability characteristics of individual units necessary for the selection of active power reserve in electric power systems. B P. Sharnopol'stil Trudy VNIII; no 22 32-38 '65.

"Seasonal" coefficients for groundings A, 14 IAkobs,
WB Alimamedo, Diektrichestvo no 12,15-20 D '66

Selection of voltage loss compensator systems, N.K. Archipov Trady VNIII no 22 225-233 465

Seventy-fifth anniversary of three-phase transmission systems O N Vesetovskii | Dickirichestyo no 12-80-83 D 486

Simplification of complex electric systems for the analysis of transport processes. N.D. Abdullacy. Zaitek. prog. 6 no. 12 23-26 D 166

Statistical probability methods for evaluating losses in the conduits of industrial electrical networks. B.S. Meshell Elektrichestvo. no. 12 13-15. D. 166

Transporso-longitudinal regulation of power flow, I.F. Maksimonto Elek sta, 37 no. 11:82-83 N 166.

Use of a matrix method in studying the operation of electrical networks. N. A. Mel'alkov. Trudy VNIIC no. 22:168-181 '65.

ELECTRIC POWER DISTRIBUTION—ALTERNATING CORRENT

Effect of generator parameters on the efficiency of series compensation in a c power transmission systems G E Pospelov Izv vys ucheb, zav, energ 9 no 10-11 N '66

ELECTRIC POWER DISTRIBUTION—COMMUNICATION SYSTEMS

High-frequency communication channels on 750 kv. power transmission line routes, 1, 1A. Mel'zak, V. B. Sokolov, Elek. sta. 37 no. 12:64-68 N 166.

ELECTRIC POWER DISTRIBUTION SYSTEM-RE-LIABILITY

Methods for determining optimal reservation in electric power systems M.N. Rozsnov, Trudy VNHE no. 22 5-13 '05.

ELECTRIC POWER DETRIBUTION—SAFETY MEASURES

System for signaling short-circuits to ground in sectionalized 6-10 kv lines. A V Isaenko Izv vys ucheb zav , energ 9 no. 11 86-90 N '66,

ELECTRIC POWER PLANTS (see also subdivision under Germany, West; Kamchatka)

Dynamic structure of a high-temperature gas-vapor block operating according to the TskTI-LPI system S. A Kantor and others lav vys ucheb zav , energ 9 no 11:37-13 N 466

Piffect of throttling of live steam in steampipes on optional distribution of loads N P Virkovskii, A N Gerasimovich Izv vys ucheh zav ; energ 9 no 11 44-51 N '66.

Features of using fuels with a high content of free calcium oxide in the ash in electric power plants. N. G. Zalogin. Elek. sta. 37 no. 11,2-6 N. 466.

Heat insulation work by the State Trust For Power Machinery Installation, V.O Lurie, Energ strot, no. 8:11-13 168,

Installation of heat insulation in a 200 Mw. block of the Moldava State Regional Electric Power Plant. I. M. IArmoliuskii. Energ. strol. no. 6;7-11 '66.

Networks for the mechanization of fuel supply operations of small electric power plants and industrial boiled systems. N.I. Spiridonov, Promencing, 16 no. 129-38 Jul 161

Possibilities for increasing the efficiency of thermal electric power plants with reducing and cooling 35-tems. B A Milovidov | Dick sta | 17 no | 11 83-d4 | N | 466

ELECTRIC POWER PLANTS-DESIGN AND CONSTRUCTION

Concerning V.G. Grebenkin's article "Some problems of the design and construction of the mal electric power plants" A A Dubinto Elek, sta 37 no 11 73-81 N '66

ELECTRIC POWER PLANTS-EQUIPMENT AND SUPPLIES

Concerning F Sh Subitor's article "Methods for determining the wholesale prices of power generating equipment taking into account its efficiency." Energomasium structure 8 no 8 13 Ag. '62

ELECTRIC POWER PLANTS-FOUNDATIONS

Perfecting assembly of precast foundations under colures of main building of thermal electric power station VI Plokhish, Izv. vys ucheb. zav., strof i arkhit 9 no. 984-90 186

ELECTRIC POWER PLANTS-LOAD

Letter to the edition. V. M. Gornahtein. Teploenergeilth 8 no. 2:95-96 F '61.

ELECTRIC POWER PLANTS—MANAGEMENT see subdidivison under Polotsk

ELECTRIC POWER PLANTS-PERIODICALS

Conference of the readers of "Diektrichestic Stanish," Diek, sta. 37 no 11:94-93 N '66,

ELECTRIC POWER PLANTS-RELIABILITY

Optimal reservation of units supplying self-needs in block power plants N. A. Kazak, M. N. Rozanov, Trudy VNIII: no. 22 59-68 165

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Electric profiling with borehole feeding electroice G, 5 Magalashvili Razv I okhr nedi 20 no. 3:50-52 Mi '63

High-frequency diolectric logging of wells, G.1A. Cherniak, Trudy Lab inch gidrogent, VODGEOI no 1154-159 '62.

Integral method for tellurogram processing, G,N, Anishchenko, V.V.Golubkov, Izv. AN Turk, 85R, Ser, fiz -tekh, , khim i geol, nauk no. 6;29-35 '62

Reliability of botchole logging in the Lyov-Voltar coal bosin S. I. Vosanchuk, V. A. Kushnhuk, N. I. IAkubetska ata Nauch zop LPI no 80:21-29 '62

Station PEEF-3 for search and prospecting for quartz voins in underground mine workings. M P. Volarovich and others. Trudy Inst. flz. Zem. no 37 227-231 466.

Studying the piezoelectric field of quartz bodies by models as applicable to piezoelectric methods of prespecting G. A. Sobolev, A. B. Uspenskaia, E. I. Par khomenko Trudy Inst. fiz. Zem. no. 37 213-252 168.

Theory of electric logging probes S. I. Vosanchuk, Nauch zap LPI no 80:3-20 '62

Theory of multiple alectrode systems IA S. Sapuzirak Nauch zep LPI no 80;117-124 '62 Transformation of curves of electric problem IA S.

Transformation of curves of electric probing IA Sapuzhak Nauch zap LPI no 80:125-128 '62

ELECTRIC PROTECTION

High-speed fuses with Ilquid cooling, R.S. Khmel'nitaksi Elektrotekhnika 37 no. 12:42-45 D 186. Signaling network with central signal removal and

Signaling network with central signal removal and repeated action. IU.N, Chekhovoi, Prom. energ. 16 no. 1;21-22 Ja '61.

Some causes of the failures of large-scale fault signaling systems, V. V. Volkov, V. M. Elgenbrot, Elex. sta 37 no. 11:86-87 N 188.

ELECTRIC PUMPING MACHINERY see Pumping machinery, Electric

ELECTRIC RAILROADS

Twenty-five thousand kilometers of electrified lines. Zhel,dor,transp. 48 no. 10 3-4 O 466.

ELECTRIC RAILROADS-COLD WEATHER OPERATION

Special features of the cold weather operation of electric trains N h Egotov Fick (tep), tlaga 10 no 10 17-18 O *66

ELECTRIC RAILROADS—CURRENT SUPPLY

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Prospects for balancing the operation of electrical systems with single-phase traction loads D.V. limofeev. Trudy VNIII no. 22 185-205 '65.

ELECTRIC HAILROADS-ROLLING STOCK

Frenkel', E.B., V.G. Komolov, and S.1, Falb. [Reput of the electrical machinery of electric-rolling stock and diesel locomotives] Remont cickly icheskikh mashin elektropodvizhnogo sostava i teplovozov – Moskva, Transport, 1966 – 451 p

ELECTRIC RAILHOADS-WIRES AND WIRING

Guaranteeing electric current takeoff during high-speed traffic, L.A. Beltaev, V. A. Vologdin, B. G. Ruptsov, Zhel.don, transp. 48 no. 7 62-64 Jl 166,

RIECTRIC REACTORS

Regulated current limiting reactor, V. M. Prima. izv. vys.uchcb.zav., therg. 9 no.11.82-86 N. 166

ELECTRIC RELAYS

Chemobrovov, N.V. [Relay protection] Releinata zashchita. Izd. 3., perer. i dop. Moskva, Energita, 1966. 760 p.

In the factories. Prom. energ. 16 no. 1:51 Ja '61.

ELECTRIC RELAYS -TESTING

bevice for automatic measurement of the efficiency of electromagnetic relays, R.G Martynov, F.A.Sorokin, V.D.Dmitriev Izm tekh, no 8 34-35 Je †62

ELECTRIC RELAYS-VIBRATION

Decreasing vibration of electromagnetic current relays during nonsinusoidal currents. A D Drozdov, V V Mikhaitov, IU.1 Ivankov. Elivista, 37 no. 11:87-88 N 66,

ELECTRIC RESISTANCE, EFFECT OF TEMPERATURE

Studying electric resistance of basic, ultrabasic, and alkalt rocks and minerals under high pressures and at high temperatures. M. P. Volatorich, F. I. Parkhomenko, A. i. Bondarenko. Trudy inst. fiz. Zem. no. 37 168-170

ELECTRIC SUBSTATIONS

ELECTRIC SUBSTATIONS

Consideration of impulse corona in the calculation of lightning protection of substations using digital compaters. V. S. Shatin, V. V. Brantkin. 12v. v. s. ucheb zov., energ. 9 no. 11 20-25. N. '66.

Fridkin, I.A., [Operation of distribution sites and transformer substations]. Ekspluatatsila 1aspredolitel'nykh punktov i transformationykh podstantsil. Moskva, Energia, 1906. 76 p. (Biblioteka elektromontera, no. 207)

Placement of power distribution equipment in electric substations. D. A. Mystin, Electric, 37 no. 11:51-53 N 166.

ELECTRIC SWITCHGEAR

Damage of the entrance of a 220 kv. oil switch. T.P. Musatov, P. A. Kamkov. Elek. sta. 37 no. 11:91 N N 186.

N '86. High-speed three-phase current motor drive for oil switches M D Galkin, N A , O IA. Noukov Izv vys uchth zuv , cneig, 9 no il 15-19 N '66 Use of SKZ-4 shoil-circuit counters, G.I, Oboev, Elek. sta. 37 no 11:90-91 N '66.

ELECTRIC TRANSFORMERS (see also subdivision under United States)

Calculation of a complex transfer constant of the network of a thin-film frequency divider. M. I. Kudriashov. Avtometrila no. 3.26-31 166.

Design of toroidal transformers with minimum winding resistance for bridge circuits. A. L. Grokhol'skit, E. L. Kashcherv, N. F. Shmollov. Aviometria no. 5:114-117 465.

ELECTRIC TRANSFORMERS—WINDINGS

Initial and terminal wave process potentials in a multi-spiral winding R. P Doltuk Izv. vys. ucheb. zav. ; elektromekh 9 no 10;1158-1161 '00

ELECTRIC WELDING

[Welding and building-up operations in streetcar maintenance] Svarochno-naplayochnyc raboty v tramvainom khozlaistve, [By] V.S. Naumenko i dr. Moskva, Stroitadat, 1966. 202 p.

[Welding in carbon dioxide] Svarka v uglekislom gaze, Izd, 2., perer, i dop. [By] I.I. Zaruba i dr. Kiev, [Tekhnika] 1966, 290 p.

ELECTRIC WELDING-EQUIPMENT AND SUPPLIES

Certain peculiarities of titanium welding by nonconsumable electrodes with use of fluxes. S.M.Gu.evich, V.h.Zamkov, Aviom. svar. 19 no. 12:13-16 N [f. e. D]

Experience in using A-825 hose-type semisutomatic machines in shipbuilding. M.I. Fukel'man, N.K. Tetelis. Autom svar. 19 no 12:58-59 N [1.c.D]

Influence of the conditions of vide-layer hard facing upon dimensions of deposited liver. M. L. Razikov. Ntom. avai. 19 no. 12 37-12 N fi.e DI 166.

Mastering pipe production on 72-219 electric pipe veiding machines IU M Matricev and other s Stat' 26 no 12 III6-II'90 D '66.

Studying the shape of electrode profiles during spot welding of aluminum alloys. A.1. Pugathev. Avtom. svar. 19 no. 12 31 33 N [1, e, D] '66.

Use of welding in carbon dioxide in the U.S.S.R. A.G. Potaplevskii, V.I. Troitskii, P.F. Kharchenko, Avtom. bvar. 19 no. 12:67-72 N [i.e. D] '66

ELECTRIC WIRING

(see also subdivision under Novostbirsk)

Designing and installing electric witing in steel pipes N.S. Movsesov. Mont i spets, tab v strol 21-24 S 163.

Raising the level of the industrialization of the installation of electric wiring in steel places. G.1. Curevich. Mont.: spels.rab.vstroi. 25 no 9:18-20 S 163.

ELECTRIC WIRING-SAFETY MEASURES

Problems concerning the electric equipment of explosion hazardous autdoor systems, I.I.Rakovich, Prom. energ. 16 no. 1'37-38 Ja '61.

ELECTRIC WIRING, INTERIOR

Concerning the choice of certain types of equipment for explosion inzerdous departments with consideration of the characteristics of the surrounding medium. 1 I. Rakovich, Prom. energ. 16 no. 1-81-62 Ja '61,

PURCURICUTY

Byt'ko, N.D. [Physics] Fizika, Moskva, Vysshaia

ts 3/4 [Electricity Optics and atomic struc-ture] Elekh ichestvo, Optika i stroenic atoma Izd 2. 1965. 316 p Pin 3/4

ELECTRICITY-EFFECT ON PLANTS ace Plants, Effect of electricity on

ELECTRIC TTY—PHYSIOLOGICAL EFFECT

Interaction of the galvante skin reaction and conditioned response in man during the process of formation of a system of conditioned motor response U.P Stan Zhan vya.nerv delat 13 no 4,619-625 JI-Ag ⁶3

ELECTRICITY-SAFETY MEASURES

Grinberg, E.N. [Electrical safety] Elektrobezopasnost'. Tashkent, "Uzbekistan, "1966. 110 p.

ELECTRICITY, INJURIES FROM (see also subdivision under United States)

Grinberg, E.N. [Electrical safety] Elekti obezopasnost'. Tashkeni, "Uzbekistan, "1968, 110 p.

Haw to avoid injuries from a current in the case of an exeavator bucket touching a contact with V.P. Komley Bezop, trada v prom. 7 nn. 5,26-27 My '63 Use of Indirect cardiac massage in fatal electric injury under experimental conditions N.S Bekursunova Sov med 26 no 3:12-16 Mr '63

ELECTRICITY IN AGRICULTURE (see also subdivision under Kazakhstan; White Russia)

Electricity in improvement of saline soils. A.V. Vadiunins. Vest Mosk un. Ser 8: Biol , pochv 21 no. 4.89-100 Jl-Ag *66

Preregulaties for the use of electrical slimulation methods in positry raising Z.1, Goginshvill, Trudy GRUZNIIMFSKIIa 8 no 2 137-149 '62

ELECTRICITY IN MINING

Measuring the insulation parameters of a mine lowvoltage network. L. S. Tonkoshkur, E. G. Tainshtein. Izv. vys. ucheb. zav. ,gor zhur. 6 no. 5-166-173 '63

Method for calculating inductance coils for simulating distribution nelworks of open pit mines K B Muss. N. K. Smitrnov. Izv. vys. ucheb. zuv., onerg 9 no 11 26-30 N '66

A method of determining losses sustained by interruptions A method of determining losses sustained by interruptions in electric supply of mining equipment in openations. S. A. Volotkowskii. V. M. Lipin. IA. S. Gerbunov Ger. zhur no 12:13-15 D '66

Ozernol, M. I., and V. G. Sobolev. [Flexible mine cables]

Shakhtnye gibkie kabeli. Moskva, Nedra, 1966. 255 p.

Propagation of high-frequency electromagnetic energy in a triple sheathed cable A. V. Chibrikov. Izv. vysucheb zav. ,gor. zhur. 6 no 5;189-192 163.

ELECTRICITY IN MINING-EQUIPMENT AND SUPPLIES Using phase inverters and bridge circuits for batancing the input bridges of tensemetric amplifiers. A. E. Trop, V. M. Shkol'nik lzv. vys. ucheb. zav., gor zhur. 6 no. 5,192-198 +63,

ELECTRICITY IN MINING—SAFETY MEASURES

Electrical safety in strip mining operations, G. K. TSverava, Bezop, truda v prom. 8 no. 5 27-28 My '62.

Now to avoid injuries from a current in the case of an execution bucket touching a contact wire. V. P. Komil Bezop truda v prom. 7 no 5 26-27 M3 163

Increasing the spark-proof operation of magnetic amplifier systems intended for use in gaseous coal miner M 5 Bilogolovin Dop AN URSE no H 1132-1437

Protection against single-phase short-circuits to ground in open-pit mine actives by N. F. Kalin and others. Gorzhut no 12:50-51 D '66

Sparkproof properties and compensation of the leakage

currents in mme section cable networks. A G Baz-denezhnykh, V. S Komstov. Bezop trada v prom no 5 26-27. My 162.

DLECTRICITY ON SHIPS

Characteristics of working up initial statistical data on the reliability of a ship's means of automation and electric eq ipment S.A.Popov, IU.A.Svetlikov, Trudi LIVT no 82 28-39 465

Loginov, V.A. [Electric equipment of marine refrige-rating units; maintenance and care] Elektrooberudevanie sudevykh kholodil nykh ustanovek, obsluzitivanie i ukhod. Pod red. G.M. Nikilina. Moskva, Transport, 1966. 47 p.

Possibility of increasing the capacity of the ships electric power plant by means of current limiting reactors. L. N. Tokaren, A. 14. Kotovshchikov, M. A. Luzhkov. Sudostrosnic 56 no. 11.36-11.766

Reingol'dt, [U. A., ed. [Electric equipment of ships and ship repairing yards] Elektrochou dovanie sudov i sudo: emontnykh zavodov. [By] IU. A. Reingol'dt i dr. Moskva, Transport, 1986, 350 p.

Studying the characteristics of the numbers of failures of the ship's means of automation and electric equipment IU, A. Svetlikov. Trudy LIVT no. 82 40-46

ELECTRIFICATION (see also subdivision under Kirghizistan) Power Industry Day | Elektrichestyo no 12:1-2 D '66

ELECTROCAPILLARY PHENOMENA

Effect of temperature on potentials of zero charges of some metals infused lithium and potassium chlorides. f.N. Prisekina, V. A Kuznetsov, N. P Maliutina, Elevitothimila 2 no. 11;1307-1311 N 166.

Study of the structure of double clockic layer on gallium by method of electrocapillary curves. A. M. Morozov, N. B. Grigoriev, I. A. Bagotskaia. Electrocklimita 2 no. 11 1235-1239 N. 668.

Thermadynamics of electrokinetic phenomena, Part 3, Electrokinetic phenomena in capillaries, I Diarmaty, 1A Shandor Roll, 2hur. 28 no. 5, 114-836 N-D 160.

ELECTROCARDIOGRAPHY

Changes in the electrocal diagram in pheachromocytoma. I.S Kun and others, Trudy 1-go MMI 13-127-140 '65

Clinical and carding sphical changes in patients with myocardial infarct following singlest intervention. B. M. Kogan, K. M. Lorie Trudy Inst. im. N V Skiif. 7 109-202 403

Dynamics of changes in the electron artilogram in the protoxicosts treated with radioactive fodine. M. V. Spiridonova. Med. rad. 7 no. 6:22-20 Ag '62.

Electrocardiogram in tertian malaria treated with oninoline N.A. Tiburskola, O.S. Viublevskala, G.E. Goz-odova. Med paraz, i paraz, bol. 31 no 5:575-581 S-O 62.

O '62.

Mechanism of changes in the sensitivity of organs to physiologically active substances as 1 clated to various hot mone concentrations in the organism. IA, I Azhipa, A, N, Mal'kov. Dokl, AN SSSR 171 no. 5 1234-1236 D '66.

Shamsiev, S.Sh. [Clinical electrocardiography in chil-dren] Kinicheskaia elektrokardiografiia u detel. Tash-kent, Meditsina, 1966. 217 p. kent, Meo... (DNLM)

Some characteristics of the excitability of the myocar-dium during distole, V.A.Frolov, A.A.Abinder, E.A Demurov, Trudy 1-go MMI 43:54-59 '65.

Symptomatology of the interpal oxysmal period of their matic fever in comparison with the symptomatology of other phases of the disease B. G. Mirlin Sev med 26 no 3,91-98 Mi '63

Technique of binetocardiogram registration in animals under the onic experimental conditions. L.E. Oranskii. A. A. Sukhanov. Binl. eksp biol i med. 55 no. 6:113-118 Je 163

ELECTROCHEMISTRY

Diffusion-controlled electrochemical processes in the case of diffusion coefficient depending on concentration. S.I.Krichmar. Elektrochimis 2 no. 11-1345-1347

Effect of light on kinetics of conjugated electrochemical reactions in the process of silicon self-dissolution in HF + HNO₃ mixture. Part 2: Regularities in the change of self-dissolution rate of silicon with potential in the dark and understeady illumination. F. F. Red ro, S. O. Izidinov. Elektrokhimila 2 no. 11:1282-1290 N *66.

Electrochemical properties of molybdenum and tungston. E.F. Speranskaia, V.E. Merisalova, I.I. Kulev. Usp. kbim. 35 no.12:2129-2150 D 166

LLECTROCHEMISTRY (Continued)

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- the many all unities in the case of solid electrolyte S V Kar achie V T Fili- Electrocomina 2) : 11,1320-1332 , 156 ZRS-2 electrodes, G M. Piolenkovskii, F,S Rezolchenko,
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- Kirkt es at the another addation of copper motochloride m. r. m. - dveins 5: 4 Zoto., S V Gorbache. Trul. MEHII ro 41 3--65 '63.
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- tiface tension in assurement of solid electrodes as de, ending out pointlel. A IA Gortsoten. Elektrophi-mit. 2 no 11 1318-1426 a var

ELECTRODES -- CONGRESSES

- All-Union contenence on electrode production V.E. Marchenko Vetom. s. ar 19 no 12/73-71 N [1, e.D]
- ELECTRODES, CARBON see subdivision under Mumiltogorsk

ELECTRODES, GLASS

Method for the preparation or glass electrodes from cation-sensitive types or glass of various compositions II Belium Biofizika 8 no mello-23 '63

ELECTRODES, MERCURY

- Comparison of theoretical and experimental values of patients to fitte the versible anode toom on more truly film electrode. A C Stromberg L F Trushina Electrockimia 2 no 11 1363-1366 V 166.
- Differential espacity curves of mercury electrode in antitre solutions S. L. Diatrina, B. B. Damaskin antitre solutions | S. L. Diatrina, B. B. Damis Filtro-himita 2 no 11 1340-1343 N | 66.

ELECTRODES, OXIDE

Cathodic reduction of mercut, oxide electrole. E. A. Minishmins it v 9 Bagots in Elektrokhimita 2 no. 11 131-71317 v 66

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ELECTRODYNAMICS

- Llectrod, namics of intermediate state of superconductors
 A. T. Andrew Zhur eksp. i teor fiz 51 no 5:1510-
- Quadratic correlations in electrodynamics of moving media I A Deryugin, V I Vorontsov Izv vys ucheb zav , radiofiz 9 no 6:1155-1163 '66
- Vekshlein, E.G. [Collection of problems on electrodyna-mics] Spornik zadach po elektrodinamike. Moskva, Vysskala shkola, 1966. 287 p.

ELECTROENCEPHALOGRAPHY

- Analysis of the characteristics of the electrical activity of the corchral cortex after section of the brain stem (by the Bromer technique) in dogs at different age periods 1.1, Gokhaltic, IA Kornenko Biul eksp biol i med 55 no 5,14-19 Je '63
- Analysis of the frequency spectrum of human electroen-cephalograms in focal changes in the cerebral cortex O. M. Grindel¹ Zhur, vys nerv defat 13 no 4 577-581 Jl-Ag '63.
- Analysis of the generalised reactions in the electrogram of the cortex of the anterior brain in lizards, V. I. Gusel'mkov, I. I. Poletseva Fiziol, zhur. 48 no 10: 1195-1202 O 162.
- Bicelectric activity of the brain in progressive muscular dystrophy. S.A. Mol'nikov and others. Zhur, nevr i psikh. 63 no.1:9-13 '83.

- Bioelectrical activity of some sections of the brain in formation and settin tion of the food procuring reflex L G Voronn B I Kothar, Zhur, vys nerv defat, 12 no 3 517-554 My-Je *62
- Characteristics of trace conditioned motor -defensive detat 13 no 1,686-601 JI-Ag '63
- Cholinergic mechanism of the cortical activation, G. D. Smirnor, R III Witchenok Fiziol than 46 no 10 H41-H45 O '62
- Clinical and electroencephalographic characteristics of the h-pothalomus syndroms of toxic genesis. In N Rythroa, D. V. Ginzburg. Zhui nevi I prikh. 66 no 12 1776-1782-166
- Combination of conditioned response methodologies and electroencephalography in examination of patients with manic-diplessive psychosis N. N. Zakharova Zhan nevi i pathi ob no 12 1846-1841 166
- Correlation between a prolonged depression of hasic electrical brain waves and the latent period of moror reaction M.P. Ivanova. Zhur vys nerv, defat. 12 no 3 437-442 My-Jt. 162
- Correlation between the costral portion of the reticular for reation and the small intestine O. P Debromy slova. A A Zubko Bulleksp biol 1 med. 55 no 543-16 Мy
- Diagnosis of cathology of the vertebral artery by means of rheococcephalography. Kh. Kh. IArullin, V. M. Sulakina. Zhur nevi.i psikh. 67 no.1:50-59 167
- Distribution of the potentials of the "recruiting reaction," V. V Fanardzhian Dokl, AN Arm, SSR 35 no. 2 89-95
- Dynamics of changes in evoked potentials during the course of an orienting reflex | Fiziol thur, | 18 no, 10 H63-H69 O | 62
- l ffect of functional elimination of the afferent visual reves on the electrical activity of the codex and reticular formation of the rabbit brain L 4 Novikovn, V.I. Beliaev Zhut vys nerv driat 13 no 1716-726
- Effect of the cerebral cortex on the rostral segment of the reticular formation of the brain stem, A. M. Marita Pizzol zhur 48 no 10 1146-1153 Q 162
- Fifect of the five-pistil hawtion (crategus pentazyna) on the bioelectric artivity of the cerebral cortex D. IA Guseinov. Azerb med zhur. no 3/16-23 Mr. 162
- Electric potentials of the brain in gastric and duodenal ulcors. E.S. Lokshina. Trudy Inst. Im. N. V. Sklif 7 42-53 163
- Electrical activity of the cerebral cortex in rabbits during pairing the action of sound with rhythmic light G. Apo-stol. L. G. Voronin Zhm. vys nerv deint 13 no t-699-704 Jl-Ag '63
- the princial indices of the dynamics of neural processes in the princial zones of the costex during the "non-active" phase of the trace conditioned response B Kh Curevich Zinu vys nerv deiat 13 no 4 658-665 Jl-Ag
- Electroencephalogi aphic changes dui ing anaphylactic shock in rabbits Kh M Markov Zhur.vys.nerv detat. 13 no 4.748-757 N-Ag '63
- Electroencephalographic characteristics of the functional state of the brain in patients having had insultus. L. K. Makarova. Zhur nevr. 1 psikh. 67 no. 1:62-67 *67.
- Electroencephologiaphic examination, P.M. I conenko. Vest. derm. I ven. no. 12:16-21 462.
- Electrographic manifestation of internal inhibition in the medulla oblongata, mesencenphalon and cerebral cortex of dogs to sound stimuli of various intensities. T.S. Naumova Zhur, vys. nerv. doiat. 12 no 3:189-
- Evaluation of the functional significance of the electrical responses of the auditory system responses to exponentially increasing broad-band noises and tones G. V. Gershunt, N. V. Zaboeva Fiziol. zhur 48 no 10 1176-1188 O '62
- Livanov, M. N., and V. M. Anan'ev, [Electroencephalograpy] Elektroentsefaloskopiia, Moskva, Modglz, 1959. 106 p. illus. (ICJ)
- Methodology for electroencephalographic recording in newborn infants A.N Shepoyallaikov Zhur, vys. nerv. deiat. 12 no. 3 563-566 My-Je 162.
- New data on electro-neephalographic study of comatose states in insulin shock therapy of psychoses. A.E. Lichko, V.L. Deglin. Zhui, nevi. i psikh, 67 no. hillo-123 167.
- Recent data on the characteristics of the specificity of ascending activations P.K. Anothin Zhur vys nerv. deiat, 12 no 3:379-390 My-Je '62,
- Reciprocal forms of bilateral disorders of bioelectric activity in focal cerebral lesions D.G. Shmel'kin Zhur nevr i psikh 66 no 12:1763-1766 166
- Selective ascending activation of the anterior segments of the cerebral cortex as a functional basis of alimentary reflexes. K V. Sudakov, RJ. V. Uryvaev. Fiziol. zhur. 48 no.10-1170 0 102.
- Sensitivity of the relicular formation of the brain stem to hypercapula in ontogenesis. E. L. Golubeva, Fiziol zhur 48 no 10 1154-1162 O '62.
- Spattal analysis of the bioclectrical activity of the brain. M. N. Livanov Zhur, vys nerv. deiat. 12 no. 3:399-409 My-Je '62.

- States of stress and fatigue under conditions of fred ate. from external strend. L.D. Gorbov, V.I. Micsaille. V.I. Izzdovsku. Zhur vys nerv dafut. 13 no. 1 595-5-2 л - Ад 163
- Use of multiple electroics implanted in the national Elecstructures of the larmon brain for the treatment of hyperkinesis. N.P. Bekklereva and others. Zhor treat i pikh. 63 no. 1:3-8 '64

ELECTROUNCEPHALOGRAPHY-QUIPMENT AND SUPPLIES

Computer to the analysis of the choose obligation of the periodogram method [1,1A] Voithuskii and others. Biothelia [8] no 5-626-8 [6].

ELECTROFORMING

The mophysical conditions of copper and branze der the tion on steel by plasma jets. A. P. Valnerman, M. E. Shorshorov, IV. I. Krasulin, Avton. svar. 10 no. 13 18-51 N (1. c.D) 166.

E LECTROKY MOGRAPHY

Methodology of the hymographic recording of presence in the right hem twentricle in rabbitu and cate. I. P. Cherkasskii Blul eksp blul i med | 55 no 6,116-117

ELECTROLUMINESCENCE

- Dependence of electroluminescence parameters of 6,457 based lasers on angle between face of pera-junction of resonator miniors 10 A Gol'dberg, D N Noshdu., B, V TSaronkev 14/2 tver tela 8 no 7 2441-223
- Electroluminoscence of ZuS--Cu, Al-phosphor due to pulse excitation. A.K Kozhevidkov, V.A.P(IIIpovleb. Dokl AN BSSR 6 no 0:400-401 Ag (62). High-frequency electroluminoscence of somiconducter
- Crystals IA A, Okaman, V N, Sinfanov 147 (ver 4.1) 8 no 7 2001-2010 Jl 66
- Time-dependent lawn governing inter nal electrolungueses center of AuS-Cu. Al phosphors A. M. Honele-Brewith A. V. Burlakov. Fiz tver teln 0 no 7:2062-2017 11 5

ELECTROLYSIS

- Electrolyzer for a ternary alloy, N.1, Pontkon and others. Prom. energ. 16 no. 1:15 Jul 161.
- Repairing electroly corn using blasts: 5, U. Vlasky, H k Sidel'nikov. Mont i apota 1 ab. v atroi: 25, no 1122

ELECTROLYTI: METAROLISM

- Changes in the concentration of some electrolytes in the blood during thyrotoxiconis, 1, V. Khanmanaclova, Trudy 1-go MMI 43,118-151 466.
- Changes in the glycocorticoid function of the adrenal cortex and electrolyte equilibrium depending on the state of the kidneys during surgical interventions (2.1). Wdim, I.IA, Usyatova, G.S. Samoflava. Trudy 1-4c MMI 43 07-94 668,

ELECTROLYTE SOLUTIONS

- Aqueous solutions of strong electrolyten. Part 3. A. Stotonkin, M. D. Lagunov, V.I. Belokoskov. Zhan, H. khim. 40. no. 11 2791-2791 N. 160.
- Structure of solutions and radii of electrolyte ions. 11,5, Krasnov, Rost, krist, 5:173-170 165.

ELECTROLYTE SOLUTIONS-TESTING

Physicochemical studies of solutions for the electrode. position of iron Sh 1 Chalaganidze Trudy GRUZ NHMESKHa 8 no 2-107-113 '62'

ELECTROLYTES

- Effect of electrolytes on the aggregation stability of polystyrene latoxes with various stabilizer contents, L. A. Shits, E. M. Aleksandiova, I. H. Krivopalova, Trudy MKH11 no 41,42-45 183.
- Diffect of the composition of gyrophosphate electrolytes and conditions of electrolleposition on magacite preprintes of nickel-it on ulloys. B. IA Kaznachti and other treat VNIIRT no. 1,168-179 164.

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- Formation of electrolyte compounds from nonelectrolytes in systems consisting of allylisolitios quinte and online phenois. S. P. Miskidzh'ian, A. S. Moloz. Zhur, iz. khim. 40 no. 11:2743-2748 N 166.
- Use of scintillation radiometry for the study of the adsorption of electrolytes on cellulosic materials. T. E. Kiu ipunova, V. I. IUI lay, Trudy VNIIB no. 51: 85-90 JG5.

ELECTROLYTES—TESTING

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ELECTROLYTIC CELIA

- Distributed losses of voltage on conductors of primary horizontal mercury cells. B. A. IAlovenko. Khim premprom. Ukr. no. 6:44-46 N-D 160.
- Effect of electrode polarization on current distribution in a special cell V. T. Ivanov. The kirakhimita 2 no. 11,1335–1338 N $^460^\circ$

ELECTROLYTIC CELLS (Continued)

- Electrolytic cell with an automatic control of the pH of electrolyte for electroreduction and electro-oxidation V. V. Skorniakov, N. E. Khomutov Trudy MKHTI no 4) 54-57 163
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ELECTROLYTIC POLISHING

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ELECTROLYTIC REDUCTION see Reduction, Electrolytic

ELECTROMAGNETIC FIELDS

- Averaged equation of motion of charged particle in sta-
- tionary landom electromagnetic field A. G. Litval-lay systucheb zav, radiofiz 9 no 6;1229-1231 '66.

 Classical evamination of induced electron radiation in mutually opposed fields IU G Pavlenko, D. V. Galtisov Lev vystucheb zav, ladiofiz 9 no 6;1232-1233 '66
- Fifect of a variable electromagnetic field on the stability of comentite in white cast iron I, P, Fominykh, P, I, Sorokin, V, N, Riazantseva Lit, proizv no ll 30-39
- Flectromagnetic radiation in absorbing medium. A I Alekseev. V V.IAkimets. Zhur ekspriteor fiz 51 no 5/1569-1574 N '66
- Grigot 'ev, V.I., and G.IA. Miakishev. [Forces in nature] Sily v prinode. Ed.2, dop Moskva, Nauki, 1966 400 p.
- 1 ow-frequency electromagnetic leakage current field from a spheroid surface D. B. Guivich, D. A. Sviado-sheh: Izv vys ucheb zav ; elektromekh 9 no 10:1052-1060 168
- Quadratic correlations in electrodynamics of moving media I A Doryugin, V I Vorontsov zav ; radiofiz. 9 no 6;1155-1163 '66
- Resonance parametric interaction of strong optical frequency fields L. G. Gurevich, IU, G. Kin enopule Zhur ekspitee: fiz 51 no 5:1499-1509 N '66
- Use of Galerkin's method in the electromagnetic field theory M G. Kogan [zv. vys, ucheb zav , energ. 9 no 11 95-98 N | b6,

ELECTROMAGNETIC PROSPECTING

- Calculation of an electromagnetic field on the axis of a bor ehole in a bed of limited thickness A. A. Kaufman Gool i geofiz no 11114-150 '63
- Recent development in the investigation of telluric currents M.N. Berdichevskii, J. A. IAkovlev Razvijoklu nedr 29 no 3:32-37 Mr '63
- Some characteristics of geomagnetic bays in mean latitudes—L. L. Von'lan, F. P. Kharin—Geol i geoffz. no.9
 125-128 463

ELECTROMAGNETIC PROSPECTING-GRAPHIC

Matveev, B.K. [Graphic plotting of curves of electro-magnetic probing] Graficheskoe postroonic krivykh elektromagniinykh zondh ovanii Moskva, Nedra, 1966. 80 p.

[Album of cumulative set of curves and anound of the monature set of curves and namegrams for graphic plotting of curves of electromagnetic probing] Albom svodaykh paletek i nomogramm dila graficheskogo posti oenila krivykh elektromagnit-nykh zondirovanii. 53 diagrs. (in portfo-lio)

ELECTHOMAGNETIC WAVES

- Combination processes in distributed traveling wave systems G. L. Gurevich, IV A. Otmakhov Izv vy ucheb zzv ; radiofiz 9 no 8,1164-1174 '66
 - Degree of radio signal polarization. A. P. Rodimov. Radiotekh i elektron ll no.11:1967-1973 N '66
- Electromagnetic excition of a finite metal cone. D. M. Sazonov, i.G.IAkushkin Radiotekh.i clektron h no. B 1974-1996 N '86.
- Electromagnetic oscillations in resonance medium. V. M. Aruttunian, Izv. AN Arm. SSR, Fiz. 1 no. 2; 111-120 '66.
- For m factors and multipoles in electromagnetic inter-actions V. M. Dubovik. A. A. Cheshkov Zhur. eksp i scilons V. M. Dubovik, A. A. Cheshkov teor fiz 51 no 5;1369-1373 N 166
- Interaction between electromagnetic and spin waves in helicoidal magnetic structures V. G. Bar'lakhtar, M. A. Savchenko, K. N. Stepanov Fiz. tver. tela 8 no 7:2168-2172 Jl '66.
- Mathad of geometrical optics in theory of electromagnetic
- wave propagation in gyrotropic medium. IU. IA. Anetic zv. vys ucheb zav ; radiofiz 9 no 6;1108-1116 '66 Moskovskii inzhenerno-fizicheskii institut. [Interaction between radiation and matter] Vzalmodeistvie izluche-nita s veshchestvom; sborntk statel. Pod red. A. I Alekseeva. Moskva, Atomizdat, 1968 175 p.
- One mechanism of absorption of low-frequency electro-magnetic oscillations by localized states in crystals. M. A. Krivoglaz. I. P Pinkevich Ziur. eksp i teor fiz 51 no 4:1151-1162 O '66.

- One possibility of detecting short-range electromagnetic vibrations of "internal" origin G.A. Fonarcy Geomagian, 6 no 6 1128 N-D 166
- Passage of plane electromagnetic viaves through bigyro-tropic plate. O. S. Eritsian. Izv AN Arm, SSR, I Iz. I no. 2:121-124 '66.
- Propagation of wave packets and spice-time self-focusing in nonlinear medium: I A Ostrovskii Ziuu ekspiteor fiz 51 no 4/1189-1194 O '66
- Radiation of charge in medium with convective instability III V Chaganov Izv.vys wheb zav ; radiofiz 9 no 6,451-154 '66
- shift and splitting of atomic levels by field of electromag-notic wave V.I. Hitus Zhun cksp i teor fiz 51 no 5: 1514-1519 N '66
- Two recent physical demonstrations, A.N Kozlova, 10 A Khvorov Uap fiz, nauk 20 no 3.515-517
- Velocity of electromagnetic radiation in quantum elec-trodynamics, M. I. Shirokov IAd, fiz. 4 no 5 1077-1078 N 186

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- l'ifect of some statistical factor 9 on scattering charac-teristics of finite cylinder VV Famoikin Izv vys ucheb zav , radiofiz 9 no 6-1121-1133 '66
- Electi omagnetic wave emission by infinite packet of impedance half-planes VV Martsafer Izs vys ucheb zav , radiofiz 9 no 8:146-1150 '66

FLECTROMAGNETS

Calculation of the inter linkage of an electromagnet cir-cuit using analog computes M. E. Sinel'inkova. Lev. vys ucheb.rav.; elektromekh 9 no.10/165-1166 '66. Optimal current diagram in the circuit of an impulse electi omagnet with large power rating A. A. Denisov, IV. Shalygin Izv vys ucheb zav ; elektromekh 9 no 10:1102-1114 '96

ELECTROMETALLURGY

- Kabanov, B.N. [Electrochemistry of metals and adsorption] Elektrochimita metallov i adsorbisita. Moskva. Nauka, 1966. 221 p.
- New developments in research. V V Dobradin and others Stal' 26 no 12 1104 D '68

ELECTROMETER

Flectrometric determination of cholinester are activity with automatic registration V. I. Rozengari, V. G. Shmeleva, I. G. Shcherbak Biokhimiia 31 no 6 illi-1116 N-D '66

ELECTROMOTIVE FORCE

- Equilibrium fluctuations in the steady state. B.M.Gra-fov Elektrokhimita 2 no 11 1249-1251 N 466
- Estimation of the energy characteristics of current carriers in metals by the temperature dependence of the thermal electromotive force. M.D.Smolin Dop, AN URSR no 7:893-805 '63,

E LECTROMYOGR APHY

- Clinical aspects and pathophysiology of disorders of muscular tonus in cerebral insultus. D K Lunev Zhur nevr i psikh 66 no 12:1751-1758 466
- Effect of sensitization on proprioceptive reflexes of the skoletal muscle. G.A.D.zina Pat,fiziol.i eksp.terap no 3:95-40 '64.
- Electrophysiological analysis of the myasthenic reaction, D. A. Matkov, B. IA. Villaer, V. I. Savich. Hoki AN BSSR 6 no. 9:601-604 S *62.
- Laws of search and control in the respiratory act. L. A. Tenenbaum, Aviom, i telem, no. 11:127-137 '66.
- Orocerite treatment in humbosacral radiculitis with electromy ographic control M. Z. Kalikaev. Zhur nevr i psikh 63 no 1:14-10 ''63
- Physiological mechanisms of chemical thermoregulation. K.P. Ivanov. Fiziol, zhur. 48 np. 10-1225-1233 O 162 Sent ch activity of a muscle during its contraction using artificial feedback. L. M. Zakharova. Avtom. I telem. no. 11:115-126 166.
- Synchronization of electromyograms and cyclograms in studying human movement, I.M. Kozlov, Teor. 1 prak, fiz kult. 29 no. 11:70-72 N *66.

ELECTRON BEAMS

- Calculation of the reduction factor of the space charge field of electron beams moving in periodic electrostatic field O.F Meshkov Radiotekh i elektron, il no. 12: 2176-2185 D '66.
- Process of deposition of tin and silicon films from their organic compounds under the effect of election ray, B.A. Vishniakov, K.A. Osipov, P.P. Otopkov, Izv AN SSSR, Neorg, mat. 2 no. 12-2234-2236 D 106.
- Quasi-linear theory of two-beam instability. A.V. Shut'-ko. Dokl. AN SSSR 171 no. 5 1076-1079 D '66.
- Thermalization of electrons in short are plasma in cesium vapors, N,D, Morhulis, D,IA, Dudko, Ukr, fiz, zhur 11 no 11 1267-1269 N '66.

ELECTRON BEAMS-SCATTERING

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- Election diffraction study of structure of thin films of low-temperature perographics A V Kurdannov, A.N. Pfliankevich, G. G. Gaesin Kristallografita II no 6° 800-870 N-D 166
- Electron diffraction study of thin semiconductor gallium phosphide films V P Klochkov and others. Ukr fiz. zhun ili no li 1260-1263 N 466,

ELECTRON GAS-THERMAL PROPERTIES

Thermal conductivity of nondegene atc electron gas at inclastic election scattering on optical phonons. I V Hvozdovstyi, V A Shenderovstyi, Uki fiz zhut no 11 1247-1218 N 466

ELECTRON MICROSCOPE

Drift of electron microscope stage and possible ways for its elimination P. A. Stoumov, L. M. AN 558R Ser, fiz. 30 no.121950-1953 D 166.

ELECTRON MICROSCOPY

- Akadomila nauk URSR, Institut problem IIt'ia, [Fractography, hardenability, and proporties of alloys] Fraktograftia, prokalivaemost' i svoistva aplavov. [By] M.P. Braun i dr. Kiev, Naukova dumka, 1066, 310 p. Electron microscope examination of the vaccualizing virus SV. 6 in grivet monkey kidney tr. II tissue culture and in viral suspensions, N.M. Shestopalava, and others, Vup, virus, B. no. 4:166-170, Ji-Ag. 163.
- Electron microscope study of crystallization of nonferrous metallurgs at slage with some additions. N M Pavlushkin, S V Petrov, M. D. Beus Lzv AN SSSR Neorg, met 2 no 12 2221-2228 D 568
- Diecti on microscope study of films of polyethylene to epitholate by means of oxygen ctching technique. R.Z. Guma galieva and others. Vysokom socd. 3 no 10:1742-1741 () Jos.
- Election microscopic observations of the flagella of actife neid bacteria M. 5. Louislanskala, S. B. Stefanov Mika obiologiia 31 no 2;281-267 Mr -Ap '62
- Electron microscopic study of cell contacts in socitic and solid hepatomas. III, 5, Chentsov, L. V. Olishavskain, TSitologiia 8 no. 5:504-609 S-O '66.
- Electron microscope study of the crystallization of synthetic zeolite of the 4A type, S. A. Levina, N. I. Pliushchevskii, N. F. Ermolenko, Dokt AN BSSR 6 no. 6 500-502 Ag '62
- Electron microscopic study of Micromonospora vulgaris spores N.S. Agre. Miki obtologita 31 no 2:275-276 Mr-Ap '62
- Diectron-microscopic study of structure and mechanism of formation of lead suffide microcrystils S.A. Darlusina, G.I.Distler. Rost krist. 5:228-237 465. Electron microscopic study of the effect of antibacterial
- proparations on tuber culosis mycobacteria T N Chaiking, II A Krasnikov, Mikrobiol zbur 20 na 6:62-68 | 66,
- Pleetron microscopic study of the liver in experimental burns. V.B. Vilorin Eksperakhit i anest 43 N-D 63.
- Formation of super molecular polymer structures during polymerization of some crystalline monomers N. A. Plate and others Vysokom soud 8 no 10,1777-1732
- Internal stresses and microstructure of reinforced polyester coatings, M. R. Kiselev, L. A. Sukhareva, P. I. Zubov, Koll. zhun 28 no. 6 840 -842 N-D 166.
- Simple device for changing the specimens without break-ing the vacuum in electron inderescope FM-5. 1.1, Gel'dner. Lab.delo no 1:55-56 '67.
- Some data on the electron microscopy of nerve tissues; a review of literature. I.I.Glezer. Zhur.nevr i psikh 63 no.1:144-154 463.
- 63 no. 1194-194 '63.
 Some fluctuation processes observed in field-engission microscope in adsorption of copput phthalocyanine molecules. Ch. Kleint. Izv. AN SSSR, Ser. fiz. 30 no. 12 1037-1965 D '66.
- Study of the electron microscopic structure of cells of the hemopoletic tissue Report No 1 Electron microscopic picture of hemopoletic elements in healthy people. If I, Terentieva, T.G. Krastoshevskala, Probl. gemat. 1 per el. krovi 8 no. 3 3-10 Mr. 163.
- Studying adsorption of gold on tungsten in field emission microscope. L. L. Sokoliskaia, IU. V. Zubenko. Izv. AN SSSR, Ser. fiz. 30 no. 12/1921-1926 D '66.
- Ultrastructure of transplantable hepatomas of CallA mice. Report No. 2: Electron microscopic study of actitic hepatoma 22 and hepatoma 48. E. I. Pyldvere, V. M. Breslei, Tsitologiia 8 no 5;597-603 S-O '66
- Ultrathin structure of the bine-green algae Lyngbya eryptovaginata Schkorb. Mikrobiologiia 31 no 5:603-868 S-O 102.
- Using field emission microscope in studying germanium surface. V.G. Ivanov. Izv. AN SSSR, Ser, fiz. 30 no. 12.1054-1956 D '66.

ELECTRON MICROSCOPY—CONGRESSES

Fourth International Congress on Electron Microscopy, E. I. Skalinskii, Voterinarita 43 no. 12 97-98 D 466,

ELECTRON OPTICS

Calculation of current density in the representation of cathode lenses. IU. V. Kulikov. Radiotekh. i elektron 11 no. 12,2186-2189 D '66.

ELECTRON OPTICS (Continued)

- Described with the form of the stands of the standard of the s
- Pute and relative model, and leather such as O(M) . Art such as S(N) Kanada, Reduction well-known in the 22 21an-2500 (D) that
- Paidation using of electrons to management thermating common out, is P. I. Stebathor that fix where it no il 12.9-1224 (5.97).

ELECTROY PARAMAGNETIC RESONANCE

- Effect of anothing and renorming in the nimber of paramater contents in vertain glasses. S. M. Brekharskith T. V. Stein V. V. Triffkin, Stein Feer. 23 no 12 II-12 D. Inc.
- 12 D to "The Ciffeet of any parameter profits of any parameter profits of algorithms and a parameter profits to the arts of B Lation A I Liushing Root start 5, 151-177, 195 ing initias on optical and palamagnatic proper-
- Section 1997 the Constraint of the Section of the Section of Calculation of the Section 1997 the Section of the
- I be to an paramagnatic resonance method of studying the effect of \$9000 \(\tilde{\ell}_{\pha}\) = rediction on widon-exchange resine. If A Forgushire and without Zhan fig. shim 40 \(\ell_{\pha}\) > 11.264-2533 \(\ell_{\pha}\), \(\frac{15}{16}\)
- Electron paramagnetic resonance of lamphlack. G S. Galery and others. Zhur fiz klam. 40 no 11 2814-2817 % 165
- 2817 N. No.
 Electron paramagnetic resonance of Via (V) to hole
 complex. I. N. Marton and others. Dol:1 All SSSR
 171 no. 2,365-368 N. 166
 Flectron paramagnetic resonance spectra of some irradiated two-component glasses. T. A. Stdoro. N. 1 Timipin. Izv. ANN SSR, Neorg. mct. 2, no. 11;2033-2036
 N. 166
- Localization of the paramagnetic center of protein irradiated with gammarays M. K. Pulatova Biolizika B po 5 832-4 63
- The nature of the electron paramagnetic resonance spectra of sorter a ids and proteins order the instinence of ultraviolet light O V Azizo a Biofizika 8 no 5 556
- Preparation and study of complexes of Schill bases. E M Resking and of these Electrockhimida 2 no 11 1332-1335 N 066
- Radical pairs in photolytic decomposition of anobisiso-Lutyronitrile studied by electron pai amagnetic resented in the manual properties of the control of the control
- Semiguinoid free radicals in respiration and phosphoryla-tion processes in mitochondria L M Raikhman, L V Biumerrel'd Biothimita 31 no 6 127-134 N-D '66
- Studies on the electron paramagnetic resonance of aromatto amino acids and porphyring in the triplet state Z P Gribova and others Riofizika 8 no 5-550-5 '63
- Sidorov, V. A Tiall'roy, Izv A SSSP, Nearg mat 2 no 11 309-2044 N '66
- Study of stepped complex-forming reactions by means of electron paramagnetic resonance. I N Majov and others. Zhut reorg thim. II no N 2443-2455 N 166
- Superfine structure of electron paramagnetic resonance spectra of beterocyclic analogs of dipherylpycrinchydra-zvi IU M Rythomato, and others Doki, AN SSSR 171 no. 5 M26-M22 D % to
- Use of electron paramagnetic resonance method in studying charge compensation in CaF2 civilals L.D. Livano a Rost krist, \$ 357-360 163

ELECTRON PARAMAGNETIC RESONANCE—SPECTRA

- Effect of strong exchange interaction in CuCl₂ 21t₂O cr, stal on electron poromagnetic resonance line winening. S. M. Ryahchenko, L. A. Shullman. Fiz. tyer tela 8 no 7:2213-2217 Ji '66
- Errarognetic resonance and spin-fattice relaxation of Er3t in CaT₂ and their relation to optical spectrum. IU. A Hobrovniko., G M Zvetec. A I Smirno, Fiz tver tela 8 no 7 2205-2212 Jl '68
- Spin-lattice relaxation and resonance absorption of ultrasound in crystals containing paramagnetic ions with singlet electron level R M Mineeva Fiz tver tela 8 no 7:2222-2227 Jl '66

ELECTRON-TUBE AMPLIFIERS see Amplifiers, Electron-tube

ELECTRON TUBES

Problems affecting the design of plane frame grids for radio tubes V. N. Avdeev, V. R. Aleksandrov, G. I. 'Efremov. Dok! AN BSSR 10 m 3:655-657 S '66

ELECTRON TUBES—DESIGN AND CONSTRUCTION

Design of electron tube components and mechanization of their essembly. V. N. Avdeev, V. K. Aleksandrov. A. M. Hellaev. Doki. AN BESH 10 no 12:980-953 D 166.

CLECTRONIC ANALOG COMPUTERS

Petrov, G.M. [Summary of lectures in the course "Theory, calculation and design of electronic analog computers" [Konspekt lektsil po kursu "Teortia, raschet i proektir ovanie elektronnykh analogovykh vychislitel nykh maghin Moskva, Mosk avlatstonnyl in-t lm Sergo Ordahamkidze

Pt 1 Rakhmanov, V.F., ed [Linear blocks and compute devices for solving ordinary differen-tial equations] Lineinye blok i ustroisiva vychi-siitel'nykh mashin dila reshenila obyknovenykh differentsial'nykh aravnenti 1965, 123 p [MICROFILM]

ELECTRONIC APPARATUS AND APPLIANCES

- Design method for combined electronic devices with plane-pmailed electrode systems. V. N. Avdeev, M. A. ventonova, V. N. Aleksandrov. Dokt AN BSSR 10 no. 10:748-751 O 466.
- Island affect in plations S.G. Afanasov, I IA Ashbelt III E Krasil'nikov Izv vvs ucheb zav , radioliz 2 va 6 1190-1145 '66
- We taked about electronic accelerators. I. P. Chuchalin, Vest vys. shkoly 21 no. 12 19-50 D *66.

ELECTRONIC APPARATUS AND APPLIANCES-

[Electronics and its applications] Ref. zhur. · Elek. 1 eo prim. no. 1 Ja '67.

ELECTRONIC APPARATUS AND APPLIANCES... RELIABILITY

- Berdichevskii, B.E. [Evaluation of the reliability of automatic control equipment; methods for evaluating reliability during development] Otsenka nadezhnosti appar atury avtomatiki, metody otsenki nadezhnosti v protsesse razrabotki. Moskva, Mashinostroenie, protsesse raz 1966. 275 p.
- Koziov, B.A., and I.A. Ushakov. [Concise handbook on reliability calculations of radioelectronic apparatus] Kratkii spravochnik po raschetu naderlmosti radioelektronnol apparatury Moskva, Sov radio, 1966.
- Luiskii, V.A. [Calculation of reliability and efficiency of radio electronic apparatus] Raschet nadezhnost i effektivnosti radioelektronnot apparatury, spravochnik. 2., dop.i perer. izd. Kicy, Naukova dunka, 1966. 207 p.
- Theoretical premise of the exponential law of equipment reliability in the initial period of its operation Zh B Linkovskii [22, vys. ucheb 2av , radiotekh ? no 5 681-662 S-O 166

ELECTRONIC CALCULATING MACHINES

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ELECTRONIC CIRCUITS

- Calculation of transients in electronic circuits with thermistors A A Bokrunsfata, V D Stashuk I.v., vys ucheb zav., radiciekh 9 no 5 638-648 S-O 166
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- Short-ter m excitation of a resonant stage by a har monto voltage V G Trilis Lev vys ucheb zov.; radiotekh. 9 no.5.776-779 N-D '66

ELECTRONIC COMPUTERS

- ELECTRONIC COMPUTERS

 Construction of the algorithm of a self-organizing system of measuring met meets. A V. Vershinskit. Avtometria no. 5,22-26 '66

 Evreinov, E.V., and IU. G. Kosarev. [Similar universal computer systems with high productive capacity] Odnorodnye universal'nye vychislitel'nye sistemy vysokol protzvoditel'nosti, Novosibirsk, Nauka, 1996, 309 p.
- Institute aytomatiki i telemekhaniki (tekhnicheskoi kiber-netiki). [Problems of engineering cyben netics | Vopi osy tekhnicheskoi kibernetiki. Moskva, Nauka, 1996. 133 p. New ispe of electronic computers, V. L. Arlazarov, A.S. Kronrod, Dokl. AN SSSR 171 no 2:299-301 N 166

ELECTRONIC COMPUTERS—ABSTRACTS

[Journal of abstracts: Cybernetics] Ref. zhur. : Kib. no. 1 Ja '67,

- ELECTRONIC COMPUTERS—CIRCUITS

 Algorithm for the synthesis of a threshold element,

 E. A. Butarov, Kibernetika no 6-21-26 N-D 166, Blavial transistor circuits. V.I. Kuznetsov. Prom. Bel. 9 no 12 62 D 186
- Calculating the operation of a parameter using induct-Calculating the operation of a parameter using induct-ances with two-step current dependencis. F. A. Grigorian, T. P. Asati ian. Izv. AN Aim. SSR, Ser. tekh, nauk 19 no. 5 15-21 166. Dynamic errors of analog-to-digital converters with circuits clamping the level of the measured voltage, V. A. Alekseev, A. N. Kosperovich, N. V. Litvinov. Autometria no. 5,107-11 166.
- Evaluation of logical network equipment, 1A. A. Khetagurov, V V Pervov, Kibernetika no 6-27-33 N-D 168,
- Fluctuations of the amplitude and phase of a capacitive parametron operating under steady conditions, N. P. Russkikh. Izv. AN Arm. SSR. Ser. tekh. nauk 18 no. 5:

Method for constructing a functional converter with accoeraj outputs A 1 Kulakovskii Aviona, 1 fefi ja no. 11 146-153 166.

ELECTRONIC COMPUTERS-DESIGN AND CONSTRIX .

Tunk
Fadeey, N. I. [Technology of the manufacture of the treeTe computer assemblied Technologila problem is a
uxtov elektromykh vychislitel nykh mashin. Mosta,
Mashinostroenic, 1967. 310 p.

ELECTRONIC COMPUTERS-MEMORY SYSTI MI

- Analysis of a cryotron memory network with many gent be states. L.D. Voltovych, IA.S. Kan, V.A. Rathal r. m., Avtomatyka. H. no. 6.65-60.066.
- Kosarov, A.A. [Pulsed remagnetization of complet her-tites] Impulsance per emagnethende sylaz markh ferri-tov. Novosibirsk, Nauka, 1986, 65 p., Use of passive electric chemia in developing memo-vices v v Petrov Don AN IMSR no Patterini

ELECTRONIC CONTROL

Solovisov, V. K. | Control and measuring instruments | | Kontrol'no-lameritel'nye pulmay, 2. 18d., peres (| dop. Moskva, Vysshafa shkola, 1066, 201 p.

ELECTRONIC DATA PROCESSING

- Algorithm for sorting by means of magnette typer 1.1 Miritin, 1, I, Sholmov. Albernetika no 6.78 at 5. D. 466
- Device for graphic placing of information from West; electronic digital computer on electronic as the committee of the Novikov, D. P. Rodersteh, Smit and AANI 271 F8-161 166.
 Proceeding information in letter and analytical form
- using digital commuters. J. R. Akir Prod., L. E. Brief Kibarnetika, no b 15-20, N-D, 168

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ELECTRONIC DATA PROCESSING-DIFFERENTIAL EQUATIONS

Adam's general method of stepwiss integration A 5. Stukelo Vych mat [Kiev] no 2:80-95 %6

ELECTRONIC DATA PROCESSING-ELECTRE POWER DISTRIBUTION

- Account for power looses in networks using ANRAL-IV and EKRAN-4 analog devices. IA. G. Makunikis, R. B. Kuzactsov, ID. A. Vikhorov. 12ck, 8th. 17 no. 11, 40-34 N. 166.
- Accounting for power losses innotworks using specialized compating devices, V.M. Sinkay and others Edge, sts. 37 no. 12(34-)5 N. 166.
- Algorithm for recording stage currents in complex electrical systems G. T. Adontu, R. A. Amiriklan Phys. trichestra no 12;21-28 D 166.
- Concerning on article by V. M. Sin'sov and other a "Accounting for power losses in a network uning oper at 120d compatting equipment, "N.D. Knynetsov, IA, II Makushkin, 121es, sta. 37 no. 11,78-37 N 4.6.
- Decreasing the time of the calculation of nodal voltages using Zeidel's method. Dick, etc. 37 no 11:37-10
- Decreasing the time of the calculation of nodal voltages using Zeidel's method. N. A. Kuchanova. 17lnk. nt. 37 no. 11:77-40 N 186.
- Discrete structural modeling of processes in electric power systems using digital computers. Q 11, Fuguer Elektric hestvo no 12:29-35 D '66
- Planning of optimal reservation of electric power systems by means of dynamic programming. 12. V. I System Trudy VNIIE no. 22,07-90 195.

ELECTRONIC DATA PROCESSING—ELECTRIC POWFE

Determination of economical characteristics of heter-turbine block using digital computers. E. K. I otheria Trudy VNIID no. 22:129-145 465.

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FACTURE
Calculating glass ribbon cooling in chambers beneath continuous glass drawing machines
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Stek, i ker. 23 no. 11:2-5 N 166.

ELECTRONIC DATA PROCESSING—HYDROELECTRE POWER STATIONS

Algorithm for the antimization of seasonal operating modes of hydroclectric power stations. 12, V. Therefore, Trudy VNIII no. 22:112-128 (65.

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Automatization of recoding synolate summaries using electronic digital computers. T. P. Bortankov, P. S. Mednikova, Trudy JANII 277-64-67-466

Characteristics of statistical structure of decade pres-Sure at some stations of Northern Hemisphere I / Dunbkin, L IU Ry hakov Trudy VANII 277 34-13

Control of data or temperature sounding of atmosphere using electronic digital computer. N.V. Makurin Trudy AANII 277 68-71 106

Graphic representation of information using two-coordinated electron self-terorder V N Smirnova Trudy AA xII 277 81-92 466

Method of calculation of some hydrologic elements of surface layer of sea in autumn period. RI P Doronin, A V Smetaniakova. Truds AANH 277 108-127 166

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ELECTRONIC DATA PROCESSING-LAYING OUT (MACHINE SHOP PRACTICE)

Using electronic computers in optimum laying out of metal under conductions of piece and small for production F. V Babaev. Vest mathingstr. 46 no. 12 13-16

ELECTRONIC DATA PROCESSING-MACHINERY IN-

Using dynamic programming for the optimization of technologic d processes in lot production of machines. G. I Sheine, Vest, mashinosti 46 no 12 68-70 D 466.

ELECTRONIC DATA PROCESSING --- MAGNETIC PROSPECTING

Mathematical programming ingeophysics S. V. Shalaev. Zap LGI 50 no 2:53-68 '66

ELECTRONIC DATA PROCESSING-MERCHANT MARINE

Use of electronic digital computers in working out schedports IL M Gas Pov, K, N, Demsov, Trudy Solar Mor-MIP: ocki no 7 17-22 '65,

ELECTRONIC DATA PROCESSING-METAL CUTTING Using electronic computers in determining optimus conditions for metal cutting N.I.Re.nikov Vermashinosti. 46 no. 12:59-61 D 466

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ELECTRONIC DATA PROCESSING-MINE RAILROADS

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ELECTRONIC DATA PROCESSING-MINING ENGINEER-ING

Akademita nauk Kazakhskoi SSR. Institut gornogo dela. [Cybernettes in mining engineering] Kibernettka y gornom dele. Alma-Ata, Nauka, 1966, 165 p.

ELECTRONIC DATA PROCESSING-NAVAL ARCHITEC-

Calculation and analysis of the characteristics of random processes on the "Minek-I" electronic digital computer as applied to problems concerning the strength of ship structures, F.G. Kandel', Trudy LIVT no 81 89-104

ELECTRONIC DATA PROCESSING-NAVIGATION

Computing device for determining ship angles in the process of directed trawling at various depths, P.A. Starovoitov. Trudy PINRO no. 13 32-50 162.

ELECTRONIC DATA PROCESSING-NEUROLOGY

Use of electionic apparatus in neurophysiology; conference in Ivanovo. P. S. Geller. Vest, AN SSSR 36 no. 12:89-D0 D *66.

ELECTRONIC DATA PROCESSING-OCEANOGRAPHY

Decoding oceanographic information using electronic digital computer. R. B. Dubma, IU. V Nikolaev Trudy AANII 277;128-131 166

ELECTRONIC DATA PROCESSING-OIL RESERVOIR ENGINEERING

Using the method of lattices and the electronic digital computer in solving the problem of natural exhaustion of a closed oil field. B. A. Azimov, G. Sh. Gadzhibalaev. Za tekh. prog. 6 no. 12 14-16, 47 D '66.

ELECTRONIC DATA PROCESSING-PAVEMENTS

Algorithm and program (or the selection of opinum structure of a pavement brying a given strongth B Form NV dor 29 no 12:4-6 D 66

ELECTRONIC DATA PROCESSING-PETROCHEMICAL

Use of digital control computers in the petroleum refin ing industry in the U.S.A. B.IU Mandrovskyi-Sokolov, H.O.Sigov. Avtomatyka il no 6 53-64 466.

ELECTRONIC DATA PROCESSING-RAILROADS MANAGEMENT

Automation of transportation processes with help of computer technology K.M. Dobrosellskii, Zhel, dor, transp. 16, no. 6.40-15, Jc. [66].

ELECTRONIC DATA PROCESSING-RAILROADS-ROLLING STOCK

Prerequisites for the efficient use of electronic computers in economic calculations, as exemplified by locomotive and railroad car repair plants. T I Villianova Frudy

ELECTRONIC DATA PROCESSING—RAILROADS— STATIONS—MANAGEMENT

Astomating station operation A S. Sochivko, A.I. Rostovskii, V A. Butanov. Zhel doi transp. 48 no. ll·7-ll N '65.

ELECTRONIC DATA PROCESSING-ROAD CONSTRUC-TION

Computing equipment in design R IA TSygonov, Avi. doi: 20 no 11 21-22 N '66

ELECTRONIC DATA PROCESSING—SCHEDULING (MANAGE MENT)

(MANAGI METT)

Vasil'ev, V., A. N. Klepikova, and A. G. Timoshenko.

[Solution of problems in optimum planning using analog computers] Reshenic zadach optimal'nogo planhovanila na elektromykh modeliakh. Kiev, Naukova dunka, 1966, 163 p.

ELECTRONIC DATA PROCESSING—STATISTICAL WEATHER FORECASTING

Statistical structure of some characteristics of atmospheric circulation. F.V. Altykia, I.A. Diubkin. Trudy AANII 377 20-33 166.

ELECTRONIC DATA PROCESSING—TRACTOR IN-DUSTRY see subdivision under Minsk

ELECTRONIC DATA PROCESSING—TRIANGULATION [Adjustment of triangulation of lower classes by approvinations) Uravnivanie zapolnialusichei triangullatsii priblizhenliami, [By] P.A. Gaidaev i dr. Moskva, Nodra, 1966. 58 p.

ELECTRONIC DATA PROCESSING-TURNING

Levilskii, M.IA., und V.P. Sittompel'. [Using electronic digital computers in determining cutting conditions in turning] Opredefente na elektronoykh tsifrovykh vychistilef nykh mashinakh rezhimov rezamita pri tochenii. Kiev, Tekhnika, 1966. 82 p. diagr. (insert)

ELECTRONIC DATA PROCESSING-WELDING-METAL-LURGY

Certain phenomena occurring at grain boundaries in well-affected zones. IV. A. Sterenbegen. Avtom. svar. 19 no.12:6-8 N [i.e.D] '66.

ELECTRONIC DIGITAL COMPUTERS

(see also subdivision under Czechoslovakia;

(see also substitute of the control of the control of the control of "rigid" and inici oprogramming principles for control ling electronic digital computers G.D. Smirnov, V.IA. Pykhtin, G.G. Vesselovskii 17vwys ucheb zav., elektromekh 9 na 10-1045-1051 '66

Device of control register for "Ural-2" electronic digital computer E, N Vlassova, Z K, Shalaeva Trudy AANH 277-185-167 '66

Studying characteristics of localization of gold deposits using electronic digital computers A P Kuklin Dokl, AN S55R 171 no 2 420-130 N 166

Using reading devices from nuncled cards in combination with "01 a1-2" electronic digital computer N F Bychkov, V D Ivanov. Trudy AANI 277 162-164 '66.

ELECTRONIC DIGITAL COMPUTERS-PROGRAMMING

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ELECTRONIC INDUSTRIES see subdivision under

ELECTRONIC INSTRUMENTS

Functional analysis of errors of instruments with large increments of element parameters. V. I. Pampuro. Aviometrijia no. 5.3-12 '60

increasing dynamic range and sensitivity of null indicators with LC converters. G A. Altzade, A. D. Mamedov. Za tekh, prog. 6 no. 124-7 D 166 Siructural redundancy of a block of measuring converters in automatic control systems. V. G. Starosetets. Aviometriin no. 5:13-21 166.

ELECTRONIC MEASUREMENTS

Analysis of block diagrams of tadiolatope instruments, K.S.Klempaer, I.M. Cheradnichenko, N. N. Shumilovskii. Autometriia no. 385-100 '66.

Analysis of the error of linear approximation in statistical treatment of measurement results. A Parman Automotrius, no. 3.76-81.486

Automatic measurement of delay in distributed systems with noise V.P. Zhivoghadov, V.Kh. Kaipov. Autometrita no. 5-37-48-466

Automation of input devices measuring the voltage of ordinary impulses, Z. V. Magrachev, Aviometrika no. 3.56-65-466 Construction of a measuring system with an analog computer for the acterismation of the time constant of first-order systems. V. P. Budanov. Aviometric no. 5-66-97-408.

97 lib.
Construction of the algorithm of a self-organizing system of measuring instruments. V V. Verslunskii. Avtometricum ano. 5-22-28 *68.
Determination of the frequency characteristics of a

neasuring system by means of excitation and response functions. A.IA Voloda skii, Autometria no.5 49-55 '166.

55 '166. Effect of translent processes on the accuracy of a single-channel differential detector. IU A Skripms. Automotrila no 3:66-75 '66.

Evaluation of the mean coefficient of the compression National of the ment confidence in the compression of first ument data with adaptive discretization by I egendre-type algorithms. V A Vittikh Aviometriin no 5 27-36 '66.

Grundulis, Ansis, and Harijs Stanke. [Radio-electronic mrasurements] Radioelektroniskie merijumi. Riga, Liesma, 1986. 438 p. [In Latvian]

Instrument for panoramic measurements. A.M. Prokho-io. Vest viazi 26 no 11 3-4 N 166

Measuring circuit of a double digital d. c. bridge. V. P. Kotellnikov. Avtometrita no. 3 16-18 186.

Measuring circuit of an automatic digital a.c. bridge, F.B. Grinevich, A.V. Chebotarev, Avtometrita no. 3 11-15 156

Novoprahemyt, G.N., and P.V.Novitskit. [Electronic measuring instruments] Elektromyc izmeritel'nye pribory. Moskva, Energiia, 1906. 268 p.

Optimal averaging intervals in measurement of statistical characteristics of a nonstationary process using one realization V f. (Ushin Aytemetrifa no 3 113-121 166

121 166
Polar correlator as a distribution law measuring device, S. M. Poptavskii Axtometrila no. 5:76-80 166.
Poluliakli, K.S. [Electronic measuring instruments; anatog and digital] Elektronice izmeritelinje pribory; analogovye i tsifrovye. Moskva, Vysshata shkola, 1966.

Solovisov, V.K. [Control and measuring instrumenta] Kontrol no-lzmeritel nye pribory. 2. izd., perer.i dop. Moskva, Vysshaia shkola, 1966. 203 p.

Spectrum of 18 IR conversion electrons in region above 750 Kes V. A. Agreev and other S. I. v. AN SSSR, Ser. ti. 30 no. 12 2017-7039 D 166

Avalanche bi cakdown tunnel diodes and their application in superhigh frequency technology, A S. Tager Usp. fiz. nauk 80 no 4 631-656 D 166.

ELECTRONICS.--ABSTRACTS

[Electronics and its applications] Ref. " ur.; Dick. | ee prim. no.1 Ja '67

ELECTRONICS-CONGRESSES

International symposium on radio engineer ing electronics, and communication held in Varna IA K Trokhimenko Ivv vys ucheb zav , radiotekh 9 no 6:798-801 N-D '66

ELECTRONICS-PERIODICALS

Authors index of vol. 21 of "Radiotekhnika 1 elektronika" for 1986. Radiotekh, i elektron. 11 no.12 2289-2292 D '88.

Contents of vol. 21 of 'Radiotekhnika i elektronika," for 1966. Radiotekh i elektron 11 no.12 2274-2288 D

ELECTRONICS IN BIOLOGY

Effect of inhibitors on election transfer chain in purpurbacter is as related to molecular aitrogen fixation I. D. Ivanov, N.S. Demina Mikachiologija 35 no.5:780-783 S-O 106

ELECTRONICS IN BIOLOGY-CONGRESSES

Second All-Union Conference on the Use of Electronics in Blology and Medicine. IU.B. Mendel'tavalg, Med. rad. 7 no.6 106-101 Ag '62

ELECTRONICS IN BUILDING

Rubento, G.D. [Dispatcher requency] Dispetcher -radiovolna. Leningrad, Strolizdat, 1966, 58 p. (Nauchno-populiarnaia serita)

ELECTRONICS IN MILITARY ENGINEERING see subdivision under United States

ELECTRONS

Applying perturbation theory in studying electron energy spectrum in semiconductor compounds with chalcopyri lattice G. F. Karavaev, A S. Poplavnoi Fiz.tver tota 8 no 7:2143-2148 Jl '66

LLECTRONS (Continued)

- Promation of stable electronic configurations and some physical properties of carbides and nitrides of transition metals in the region of their homogeneity. A IN Kuchma, G. V. Sancsonov. 10. AN SSSR Record mat. 2 38' M 4701-07(1:11 on
- New regularities in lowest e cited electron levels and electronic transitions in spectra of polymedear atomatic hydrocarbons. Lin Chimewan, V. M. Tatevskii. Vest. Mosk, un Ser. 2; Khim. 1, no. 5,40-91. 5-0. 162.
- Planetary variability distribution of maximal election unnutry of F2 layer. N I Potapova Geomay 1 act no. t 1025-1031 N-D 166
- Role of transverse hunching in klystron with extensive electron stream. A A Shaposhniko. Izv vys ucheb was rradiofiz 9 no 6 1175-1169 '66

ELECTRONS-CAPTURE

- Calculation of effective cross-sections of proton charge exchange in collisions with many electron atoms V 5 Nikolaev Zhur eksp i teor (nr. 51 no 4 1263-1280
- Effect of trapping levels on volt-ampere characteristic of semiconductor drode | G M Avakhants | A U.Rakhamov | 1-v | An Arm | SSR | Fiz | 1 | no 3 | 164-169 | 166

ELECTRONS-EMISSION

- Classical examination of induced electron radiation in mutually opposed fields II G Pavlenko, DV Gallisos Lvv vys ucheb zst , radiofiz 9 no 6:1232-1233 '66
- "Cramir effect" in rubber, aluminum and copper A A Durgarian, A A. Karagezian, K O Movsesian 1/4 AN Arm, SSR, Fiz I no 1 264-266 '06
- Study of cattlets of catalysts by means of expelection emission. Part 7. I. V. Krylova. O. G. Lupento Zhui, fiz. khim. 40 no 1112918-2920 N 165 Study of catalyst hearers by means of expelection emission. Part 4 1U P. Stiontic and others Zhur fiz. khim. 40 no 11-2860-2851 N 166.
- Studying excelectron emission from metallic surfaces, G. N. Rostovtsov, Trudy MATI no. 06:166-172 '66.
- Studying phase and structural transformations in metals and alloys with help of a collectron emission. G.N. Rostovisev, V.D. Makarov. Trudy MATI no. 66:174-182 '60.
- With function of covered surface, 1, 1, Sokol'eknia, 12, AN SSGR, Set. fiz. 30 no. 12 1986-1973 D '66.

ELECTRONS—SCATTERING

- Filective cross section of electron scattering in helium and a room plasmas with admixture of notassium vapor and in pure potassium. I. M. Polushkin, D. IA Dudko. Uki fiz zhur. Il no, il 1269-1270 N. 166.
- Bler is on escape in magnetic fields and volt-ampere characteristics L.B.Levinson Fig. tver tele 8 no 7-2077-2083 Ji '66,
- Nonlinear plasms motions with arbitrary velocit, distribu-tion of electrons I. A. Akhitezer, A. C. Borovik Zhur ekspiteon fiz 51 no 4:1227-1235 O '66
- Scattering of fast electrons on Life nucleus and nucleon
- cluster model. IU A. Ruderarov, Ru. F. Smirnov, M. A. Chebotarev. IM. F. Smirnov, M. A. Chebotarev. IAd. fiz. 4 no. 5 1046-1051 N '66.

 Theory of spin-lattice relaxation of conduction electrons in strong electric field V. P. Kalashnikov Fiz trei tela B no 7:2130-2136 Jl '66.
- Thermal conductivity of nandegenerate electron gas at inclustic electron scattering on optical phonons. I. V. Hvozdovs'kyi. V. A. Shenderovs'kyi. Ukr. fiz. 7hur. Il no. Il 1247-1248. N. 166.

ELECTRONS --- SPECTRA

Width and density of highly excited atomic levels in gases M. A. Kozhushner Zhur eksp i teor fiz 51 no 5-1457-

ELECTRO-OPTICAL DEFECTS

- Dispersion characteristics of linear electro-optical effect in quartz crystals O.H Vlokh Ukr. fiz. zhur. Il no. Il 1884-1880 N 168
- Structural mechanism underlying the electro-optical and their mooptical effects in thermoelects is crystals of the triglycine sulfate type, N. R. Iyanov, L. A. Shuvalov, L. D. Kislovskii, Doki, AN SSSR 171 no. 5 1092-1095

ELECTROPHORESIS

- Electrophoretic examinations of donaturation processes of serum proteins in cancer of the stomach. Z.B. Notkins. Lab.delo no.1:48-49 '67.
- Electrophoretic picture of the secum proteins of herakul sheep. N.Kh. Mekhilov, Veterinarita 43 no. 12:65-68 D 466.
- Heat electrophoretic homogenization of blood proteins. V. I. Okulov. G. V. Troitskii. Biokhimija 28 no 2:277-284 Mi -Ap '63.
- High-voltage electrophoretic separation of amino acids and papidos. O. I., Polienovskii, Vop. med. khim. 12 no. 6,581-586 N-D '66
- Purification of gonadetropic hormone preparation by tonexchange chromatography on diethylaminochyl celiulose and zonel electrophoresis on starch. A.I. Minkins. Blokhimita 27 no.5:805-813 S-O 162.

ELECTROPHYSIOLOGY

- Action potentials of crayiish muscle fabers following pro-
- longed exposure to solutions containing Be ions II A Liber man. L. L. Voronin Brotzerka 8 no 5,570-87 63 Changes in SH group and RNA content in motoncurons of spiral cord of cat following stimulation of posterior rootlet by electric current pulse of different frequency A Didenkin, O S Merkulova Dokt AN SSSR 171 no 2 407-405 A 58
- Changes in the amplitude of the action potential of grass cab active fibers during the spreading of impulses of safed to ce from the point of stimulation GA Monhaeva, I I Marakhova Bioficika 8 no 5-no 6-11 [63]
- Changes in the electrical characteristics of muscle fibers due to increased potentium concentrations in the environment V 4 Maishri Biofizzha 8 no 5 588~96 '63
- Pffect of bitef and prolonged hypothalamic stimulation on fice and bound blood cholester of IU N Bordiushkov L Kh Garkavi Biul eksp biol i med 55 no 6,61-65
- Effect of reciprocal changes in the concentration of pol-sium and chloride ions on the magnitude of resting po-tentials in isolated skeletal muscle fibers of the frog Lian Zy-tium' [Liang Tz'u-t'un], G. A. Kurella Biofizika 8 no 5 597-605 '63
- Flectic potentials of isolated nerve as affected by totanus to in S. A. Kuznetsov, M. G. Moglan, 17v AN Mold SSR no 5:13-49 '65
- Clock feal activity of the muscles of the anterior abdominal wall in A V Vishneyskii's lumbar novocaine block A V. Livshits Eyeper kith i agest 8 no. 5:57-59 N -D '63
- Electrical potentials of the degenerating doreal spinal cord root in cats T.M Mamoneta, Fizial shur 48 no. 10 1270-1276 O '62
- Electrographic data on the work of "biological clock" in the human brain. L.G. Voronin, V.F. Konovalov. Vop. pathhol. 12 no. 6:87-94 N-D '66.
- Electrophysiological data concerning the connections of the pullbdum with other sections of the central nervous system in man. Report No. 2. Connection of the pallidum with the spinal conditenters and autonomic trunk for mations I M. Cill'man and others. Biul eksp biol i med. 55 no 5.9-13 My '63.
- Piectrophysiological methods in studying the main Characteristics of the human nervous system V Nobylitsyn Sov pedag. 30 no 8 35-44 Ag 166.
- Electrophysiological studies on the formation of temporary connections V S Rusinov Zhui vys, nerv desat 12 no 3 410-417 My-Je '62
- Experimental model for the study of the interiolations of the cerebial contex and subcortical formations. A. M. Klochkov. Biul. cksp biol 1 med. 55 no.5:115-117 My
- Methodology for the implantation of multiple electrodes in various areas of the cerebral cortex in cats N.N. Trachenko. Fiziol, thur 48 no 10 1279-1282 O '62 Nature of connections of acoustic hemispheric center in pigcon and their effect on induced potentials. V Illichev Vest. Mosk, un Ser 6; Biol., pochv 21 no 4 21-25 Ji-Ag 166
- Refractoriness of long a.ons of cortical neurons. S. A. Kuznetsov. 17v. AN Mold SSR no. 5:37-42 '65 Some data on bicelectrical studies of interoceptive re-
- flex reactions in dogs. N.I Guska Ezv. AN Mold.SSR po. 5.30-36 185.
- no.3,30-36 "Some methodological characteristics of microelectro-physiological studies under "radiation exposure" K Sh Nadareishvali, Radiobiologiia 6 no 5:693-696 (66,
- Summation and accommodation instimulation of the confical motor region in adult and newborn animals D. P. Matushkin Biul-eksp. biol 1 med. 55 no.6:3-8 Ja 63.

ELECTROPHYSIOLOGY OF PLANTS

- Bioelectric characteristics of the state of a plant leaf in light and in darkness O. O. Lialin Biofizika 8 light and in darkness no 5:612-618 '63.
- Ionic and structural changes in excited plant cells. A.M. Smiukbin, I. A. Ozotma Trady Un. druzh, nar. 14, Sell-khoz, nauki no. 1 186-214 166.
- Movement of Mitella flexilis protoplasm as affected by local and spreading potentials. L. N. Vorob'ev. I A. Vorob'eva Blofizika 8 no 5:575-9 '63

ELECTROPLATING

Dvoikin, M.I. [Automatic electrodeposition of wear-realstant coatings in ship repair] Avtomatizatsiia nanesentia iznoseotokkik gal'vanopokryii v sudo-remente, [Moskva] Transport, 1986, 45 p.

ELECTROPLATING-QUALITY CONTROL

Application of molecular spectral analysis for the control of the composition of electroplating baths, V.S. Burakov and others. Dokl. AN ESSR 6 no. 6:370-372 Je 162

ELECTROSTATIC PRECIPITATION

- Effect of the committermity of flow on the operational efficiency of multisectional filters. L. A. Rishter. IU G. Koztov. Elek. sts. 37 no. 11:20-23 N '66,
- ELECTROSTATIC SPRAY PAINTING See Spray painting, Electrostatic

ELECTROSTATICS

Discrite phenomenona during the deterioration of vara-guiding machine parts P. T. Basko, Izv 13s which zav tekh leg prom no 3 162-167 466

ELECTROSURGERY

Treatment of intraopithelial cancer of the cervis worl with diathermie excision as an outpatient service, P. N. Zel'dovich, I. I. Odnol'ko, Vop. onk. 12 no. 11.75-75

ELECTROSURGERY-EQUIPMENT AND SUPPLIES

Improved type of electropolypotome. I. M. Mamada, Vop. onk 12 no. 12.73-75 166,

ELECTROTHERAPEUTICS

- Phenomenon of suppression of the automatism of relification in complete at loyentricular block maker the influence of rhythmic electric impluses. Rt.1.Broil.1s. I G.Kostenko. Pat fiziol i cksp.terap no 3 25-29 '64
- Technical problems of using electrical stimulation of the heart in clinical practice DB Babskii, L, S, Ullianta skii Eksper khii 1 anest 8 no 6,6-11 N-D '63
- Use of multiple electrodes implanted in the subcortical structures of the human brain for the treatment of hyperkinesis. N P.Bekhtereve and others. Zhurgaver i paikh. 63 no.1,3-8 '63.

ELEKTROSTAL' (MOSCOW PROVINCE)-LIBRARIFS

- Our city is a contemporary of the October Revolution E. Smirnova. Bibliotekar! 44 no 1 32-33 Ja 407
- ELEMENTARY EDUCATION see Education, Elementar,

ELEPHANTIASIS

Pathogenesis and treatment of elephantiasis S.Z.Gcr-shkov Sov med, 29 no.12;31-35 D '66

ELEPHANTS, FOSSIL see subdivision under Walte Russia

ELEVATORS

Modernization of S-147 construction elevators. Stroi. dor mash 8 no 6.16 Je 163

ELEVATORS, PRIVATE RESIDENCE

Ol'khova, A.P. [Elevators in highrise apartment houses, selecting the type of elevator and delet mining their quantity] Lifty v zhilykh domakh povyshennot etazhousti, vybor tipov liftov i opredelenie ikh kolichestva, Moskva, Nauchno-isel, in-t teolii, istoril i pei speklivnykh problem sovetskol arkhitektuty, 1960, 13 p.
[MICROFILM]

ELIMINATION

Generalizing the schemes of Gauss and Kholetskii, A.P. Tishchenko Izv. vys. ucheb. zav. ,good, 1 acrof, no. 3;53-58 | 62,

Processing tellur ograms using the method of true ellipses G, N, Tkachev. Gool i geofiz. no 11:114-121 '63

ELLIPTIC DIFFERENTIAL EQUATIONS see Differential equations, Elliptic

ELM—DISEASES AND PESTS (see also subdivision under Rostoy Province)

Elm bucculatrix, Bucculatrix almicola Kaznetz, sp. n. (Lepidoptera, Bucculairigidae) a pest of elms of Trans-caucasia and Central Asia, V.I. Kuznetsov Dokl AN Arm, SSR 35 no. 2-81-83 '62.

EMASCULATION see Castration

EMBOLISM

- Diagnosis of fatty embolism of corebral vessels in multiple fractures accompanied by ci anial ti auma A. E. Kucherenko. Travantologita no. 1:130-132 '65.

 Treatment of embolisms and thromboses of the pulmonary artery N. M. Rzaev. Khirurgila 42 no. 11 109-114 N '66.
- Venous thrombosis and embolism of the nuimonary artery as complications in fractures. N. I. Bgantsev Trudy Inst. im. N. V Sklif. 7,389-392 163.

EMBRYOLOGY-FISHES

- Inorganic or thophosphate and phosphoproteins in the embryonal development of the bond loach (Misgurnus fossilis L.). K.A. Kafiani, M.IA. Timofeeva. Biokhimiia 27 no 5-938-942 S-O '62,
- Morphological and ecological characteristics of embry. onic development of vimba in Daiester River M. Z. Vladimitov Bjol. res. vod. Mold no. 4:54-85 '86.
- Phylogeny of Elasmobranchii N. N. Disler. Zool zhai 45 no il;1673-1685 '86.
- Relationship between spermatogenesis and growth rate in fishes. A M Zolanin, I.F., Kubrak, Biol. res. vod Moid. no. 4;75-21 '86,

EMBRYOLOGY, HUMAN

Development of heart innervation in luman embryos. L.I. Novikov Dokl. AN BSSR 10 no. 12;998-1080 D '66.

EMERGENCY MEDICAL SERVICES

Perforating gastric and duodenal ulcers in the clinic of emergency surgery S V Lobachev, O.1 Vinogradova Trudy Inst. im N V Sklif. 7 17-25 '63

EMIGRATION AND IMMIGRATION

Basic character latter of recent international migrations of population in the capitalist world AF Sluba Vest Mosk un Ser 5: Geog 21 no 6:3-10 N-D 466

EMPLOYEE VACATIONS see Vacations, Employee

EMPLOYEES, DISMISSAL OF (see also subdivision under Vologda Province)

The right of discharged employees to their annual leaves W. Gil man. Sots zakon. 43 no 12:58 D *66.

EMPLOYEES, TRAINING OF

Our experience in the training of apecialists A. S. Sill-chenko. Tum prom 37 no 117-19 Ap 462

EMPLOYEES' BUILDINGS AND FACILITIES

Employee welfare services at industrial enterprises
[N. Sherman Promistrol 44 no 11 11-13 466

Stock buildings for assembly workers, L S Lifshits, Mont i spets rab v stroi 28 no 1219-22 D '66

EMPLOYERS' LIABILITY

Controversial problems of hability for injuries to the minors' health, I. Maidanik, Suts, 'avon' no 11; 42-45 N '86

Determining the amount of carnings lost by migred persons. N. Malem. Sov. inst. 30 no. 23:12 D 168. New legislative enacticents relating to liability for accidents resulting in the death of the provider, K. V. Sh'alenkova, Pravornavstvo no. 170-77 165

EMULSIONS

New amulaifier and filtration water reducer for clay muds.

N A. Lutsenko and others. Neft i gaz prom. no 3:1721 J1-S '63

Process of dispersion of emulsion of earns of "water-oil" type. C I. Pashinina, D.V Shevlingina, L.B. Sherman Trudy VNISNDV no 7133-140 '65

Synthesis of demulsifier on the basis of polyakylben encs.

A. A. Ashimov and others Azerb neft khoz 45 no 12 38-40 D 166.

Using acid studge from the purification of transformer distillates to obtain demulsifiers N 1A. Rudakova, S.A. Polishchuk, M R Orazova, Neft i gaz prom. no. 1:56-58 Ja-Mi 163

Water sol formation in hydrocarbon medium at low temperatures. K.O. Averbakh and others. Koll. Lhur 28, no. 6, 777-780, N.-D. 166.

EMULSIONS-ELECTRIC PROPERTIES

Particle charge of the disperse phase of model emulsions of the water-off type. V P.Mardanenko, V G Emerytonchenko, V, G. Ben'kovskii. Vest. AN Kazakh. SSR 22 no. 10:62-88 O '66

ENAMEL AND ENAMELING

Phoaphate enample for aluminum alloys high in addition elements. A.S. Migonadzhiev Stek. 1 ker 23 no 12 15-17 D 466.

ENCEPHALITIS
(see also subdivision under White Russia)

Z. M. Comstose form of hemorrhagic encephalitis Z. M. Salasva. Azorb.med /hm. 40 no.0(32-36 S 163

Dynamics of serological indices of immunity in animals immunized with vaccines against tick-horne encephalitis. D.K.Livov, V.A.Zakilinskala, K.V.Fokina. Vop. virus. 8 no.4 420-427 Ji-Ag '83.

Dynamics of serotogical indices of immunity in human subjects after vaccination with tissue culture vaccine against tick-horne encephalitis. D.K. Livov, V. A. Zeviluskafo, M. P. Chumakov, Vop. virus 8 no. 4. 427-435 Ji-Ag '63,

Experimental production and control of cultured vaccine against tick-borne encephalitis. M. P. Chumakov and others. Vop. virus. 8 no. 4.415-420 Ji-Ag '63.

Study of the cyldemiological effectiveness of different types of vaccine for the prevention of tick-borne encephalitis. B.F.Semenov and others. Vop virus, 8 no.4:436-410 Ji-Ag '63.

ENCEPHALITIS, EPIDEMIC

Scheme of epizootiological and epidemiological analysis of materials of hospital observations in a focus of the borne encephalitis, L. V. Babenko, L. P. Nikiforov, E. I. Fastovskaia, Med. paraz i paraz, bol 31 no. 5:584-586 S-O '62

Stability of tick-borne encephalitis tissue vaccine P.S. Karaseva. B F. Semenov Trudy Mosk nauch -tast inst virus prep no 3.92-95 '65

ENCEPHALITIS, EPIDEMIC-MICROBIOLOGY

Nonspecific inhibitors of hemagglutinins in humans and animal blood and their elimination A.I Rezepova Trudy Mosk nauch. isel inst.virus prep no 3:101-105 [85.

ENCEPHALITIS VIRUSES (see also subdivision under Kemerovo region)

Characteristics of reproduction of individual tick-borne incorbalitis viruses with various degrees of neuroviinterpolarities with users with various degrees of neithovi-judince in tomor cells in vitro and in vivo. G. I. Ser-geera, F. N. Levkovich. Vop. virus. 11 no. 5.639-545 S-O. 166

Comparative evaluation of different methods for isolating minimal doses of tick-borne encephalitis viruses P Karaseva, B F Semenova Trudy Mosk nauch -issl inst virus prep no 3:74-74 '65

Dvaluation of the stability of tick-borne encephalitis virus noninfectious antigen prepared with the use of different methods B F. Semenov. A I Rezepova Trudy Mosk nauch -isel inst virus prep no 3:96-100 '65

Plaque method in viruees of tick-borne encephalitis complex. G D Zasukhina Vop virus. 11 no 5 617-613 S-O '66

Use of kinetic hemagglutination inhibition reaction in studying tick-borne encephalitis virus strains BT. Semenov. G M Stepanov Vop virus H no 6:717-721 99, U-N

Use of smean -imptint technique in immunofluorescent detection of tick-borne encephalitis virus in white mouse hain T I Dzhivanian, A, I Iskoviev Vop virus II no 6:746-748 N-D '66

ENCEPHALITIS VIRUSES-CULTURES AND CULTURE

MEDIA
Characteristics of the homogeneticating properties of the
Japanese encephalitis virus growing in chief fibroblast
culture Duan Suan-Myon, S.IA Galdamovich, Vop.
virus, 8 no. 1,100-103 Jf-Ag '63.

Methods of titration of tick-borne encephalitis antibodies and viruses in tissue culture L K Kin anova True Mosk nauch -issi inst virus prep no 3:80-91 '65

Plaques forming in swine embryo kidney cell culture infected with tick-home cacephalitis virus RNA R G Desintakova, O. G. Andzhaparidze Voji virus 8 no. 4,398-399 JI-Ag '63

Results of production of virus -containing liquid in a culture of reant opithellum of awine only to for prepara-tion of tissue vact ine against tick-borne excephalitis P.S. Karaseva, B.F. Semenov, Trudy Mosk nauch -leal inst vitus prep no 3:60-73 '65

Use of methods based on interference between lick-borne encephalitla and poliomyelitis viruses in human embryo lissue culture for secological surveys of human sub-jects. A.D.Al'tehtein and others. Vop. virus. 8 no. 1392-397 JI-Ag '63.

ENCEPHALOMYELITIS

Dynamics of changes in nonspecific phosphatases in central nervous system of white mice infected with human acute encephalomychitis via as K. A. Yanag V. V. Malinovskaia, E. K. Bychkova Vop, vir us il no. 5 564-570 S-O 106

Effect of "proper-mil" preparation on course of experimental allergic encephatomyelitis A. L. Leonovich, G. S. Uverova Doki AN BSSR 10 no 9:707-709 S 166.

Etiology of "demyelinating encephalomyelitis" of animals, R.A. Kantorovich, G.V Konovai Veteri-natila 13 no. 12;16-18 D 66

Influence of various factors on the course of experimental allergic encephalomyelitis. D.A. Markov, A.L. Leonovich, G.A. Uvarova. Dokl. AN BSSR 6 no. 6:386-398

ENCEPHALOMYELITIS, EQUINE-MICROBIOLOGY

Stimulating effect of L-glutamine on reproduction of Venezuelan encephalomyetitis virus A. I. L'vova and others Vop virus II no. 5 509-600 S-O 186

ENDOCRINE GLANDS-DISEASES

ENDOCRINE GLANIS—DISEASES

[Multivolume manual on pathological physiology] Mnogotomnoe rukovodstvo po patologicheskof fiziologii.

Otv. red. N.N.Strotin. Moskva, Meditsina,
Vol. 4. Leites, S.M., and S.M. Pavlenko, eds.
[Pathological physiology of the digestive system,
liver, endocrine and nervous systems] Patologichoskula fiziologiia pishchevaritel'noi sistemy,
pechenti, endokrinnoi i nervool sistem. 1986.
548 p.
(DNLM) (DNLM)

ENDOCRINOLOGY

[Multivolume manual on internal diseases] Mnogotomnoe rukovodstvo po vautrennim bolezniam. [Leningrad] Meditsina.

Vol.7. <u>Baranoy, V.G., ed.</u> [Diseases of the endo-crine system] Bolezni endokrinnoi sistemy. 1960. 675 p. (DNLM)

Oncological aspects of immunological endocrinology, V. M. Dil'man, B. N. Sofronov, Vop. onk. 12 no. 11:109-

ENDOMETRIUM—DISEASES

Decidual transformation of the uterine mucosa in a patient with breast cancer as a manifestation of general hormonal disorders, A.K.Agesv. Vop. onk 9 no. 3: 116-118 '63,

ENDOMYCES-CULTURES AND CULTURE MEDIA

Effect of \mathbf{B}_1 hyper- and avitaminosis on structural and ultimestructural recordination in Endomyces magnification T. M. Volkova Miki obiologija 35 no 5 817-823 5-O '66

ENDOSCOPY

Convices to the diagnosis of pictumerstates and initial careinomes of the entry uter. F. V. Kolhanevich Klin onk, no 1 188-194 165,

Method of injecting foreign endosperio, N. V. Scholev, Short trud asperimel nauch soft VIR no 2 321-327 161.

ENDOTHELIUM

Examination of the endoth linn of the hymphatic apilleries and vessels of the rabbit disphages G. G. Aminova high anatogistic mbr. 11 no 381-90 Mr. 163

Mor phology and histochemistry of the endothelium of semibiological vasculat prostheses A B, Shekhter. A, M, Khillish. M I Klibaner Prudy 1-go MMI 49-308-317 Vos

ENERGY METABOLISM

Biological oxidation in microbiology. V. N. Shaposhnikov, Izv. AN SSSR. Ser biol no 3:348-365 My-1c '63.

Characteristics of oxidative metabolism in nationals in 1 telepticial intoxication L. P. Zubok BioFhiming 20 no 2*265-271 M:-Ap *63 Biothimin 28

ENGELS, FRIEDRICH, 1820-1805

Engels' youth. S Prodes. V mite knig a no. 12.8

ENGINEERING—STUDY AND TEACHING

Ingineers should be ble to use checking and measuring tools. A K Krishtafovich, Vest.vys sheety 24 no. 12 74-75 D 166.

ENGINEERING GEOLOGY (see also subdivision under Poschanyy Island)

Platonov, N.Kh., and R.A. Tikhomirov. [Practical handbook for a course on the "Fundamentals of enginesing geology"] Prakticheskoe posoble po kursu "Osnovy inzhenernoi geologii," Pod red, I. F. Golubeva, Moskva, Nedra, 1965. 79 p.

ENGINEERING MODELS

Three-dimensional designing of industrial enterprises,
G O Tatevos'ian Plast massy no D1-3 162

ENGINEERING STANDARDS see Standards, Engineering

ENGINEERS

The role of engineers under capitalism and socialism. F Motel'skii Mol komin no 4 70-76 Ap 161

ENGINES-FULL CONSUMPTION

Calculating the consumption of liquid during the operation of an engine carburetor under unsteady vorking conditions. P. M. Belov, V. I. Smirnov, Zap. I SKHI conditions, P 90:33-38 '65.

ENGLISH BEAN see Broad bean

ENGLISH LANGUAGE-PRONUNCIATION BY FOREIGN-

Lukniiskii, I.A. [Preventing student's miskates in English pronunchtion, a manual for the teacher] Preduptezhdente eshibok uchashchikhsia v angliiskom proiznoshchii; posobje dlia uchitelia. Izd. 2., perer. Moskva, Prosveshchente, 1966. Ill p.

ENGLISH LANGUAGE—SEMANTICS

influence of context on the functions of the definite article and demonstrative pronoun in their anaphoric use in modern English. K. G. Sereding. Uch, 2np. GGPI no. 65, 128-141 165,

ENGLISH VISITORS see Visitors, English

ENSILAGE age Silage

ENTEROBACTERIACEA

Etiological structure of bacterial intestinal infections A. IA. Veselov. Zhur mikrobiol., epid. i immun no 1:95-97 N '66

Lysogenicity and colinogenicity in enter obacter in P. L. Emel'ianov Zhu: mile obiol , epid-1 immun 43 no.11-91-95 N '66

ENTOMOLOGICAL RESEARCH see subdivision under

ENTROPY

Main thermodynamic regularities in studying the energy of mineralization N. I. Safronov Zap. LGI 50 no 2:17-

ENVIRONMENTAL ENGINEERING

Economics and aesthetics. N.N. Erman. Prom. Bel. 9 no. 12:14-15 D 166

ENZYMES

Atlosseric regulation of enzyme activity S.A. Neuralh Trad. LPMI no 32 103-116 '65

Bakhadyrov, K.B. [Clunical significance of enzymatic indices of the Intestine in some of its discases] Klinicheskor ynachenne fer mentnykh pokazutelet kishechnika pri nichotorykh ego zabolevanilakh. Pod red, E.I. Atakh mova. Tashkent, Meditsina, 1966. 118 p. (DNL3f)

Characteristics of englines of Bacillus mesentericus strain PB A. V. IUlius O kh Timalota Pril-1 bid-him i mil robiol 2 no 6 570-674 N-D '66

Degradation of trebalose, to jibiose, nigerose, mallose and isomaliose by liver enzymes 1 S. Lukomskala. Biochimila 27 no, 5 875-881 S-O '62,

Effect of 3.4-dimitrophenol on the resynthesis of phosphocrestine and glycogen in the muscles during the period of rest after vork N.R Chagovets Fiziol thui 48 ro 10 1250-1264 O '62

Histochemical study of changes in oxidation-reduction Raikhlin, F A Smyrnova, F I I sikina Vop vitus II no 6 711-717 N-D '66

Integral ph. aiological method of studying ency matre ("search" biological) seatems and some elements of it geteral theoretical roundation OS, Krivoshoev Izv. NV Mold SSR no 5.18-28-65

respective procedure for obtaining emitched preparations of aminoac I-tRYA-synthetages from baker's yeast MiN Chapter I S Nanda-Hichiev Biokhimus 31 no 6 1121-1126 N-D '66

Purification of enzymatic extracts from Chlorella, V.R. Shardov, Z.G Erstignesva, V L. Kictovich Pr Einshirm i mikrobiol 2 no. 6 667-669 N-D '66

Specificity of the enzyme system catalyzing the amination of pyruvic acid and its coenzymes. N ; Biokhimita 27 no. 5 889-893 S-O '62 N Berezovskaja.

Thermophilic bacteria, producing active cellulolytic enzymes L. G. Loginova, R. S. Golovacheva, M. A. Shcherbakov Mikrobiologila 35 no 5,796-804 S-

Willization of L-fucose by kidney enzymes. O. M. Kostlukovskafa, E. L. Rozenfeffd. Biokhimita 27 no. 5 912-915 S-O *62.

ENZYMES-THE RAPEUTIC USE

Effect of enzymes on malignant tumors. 1.1 Oleinik, Vop. oak 12 no 11 104-109 '66

Differential diagnostic significance of cosmopenia in my ocal dial infanct and stenocurdia L B, Shel'deshova Sov med 26 no 3:17-20 Mi '63

EOSINOPHILIC GRANULOMA

Noniniectious reticulorindotheliosis, xanthomatosis and eosinophilic granuloms A Ozols, Z IA Khwostantseva Trud. Novokuz GIDUVa 32 107-110 165

EPERYTHROZOON

Study of energth ozoonosis in sheep. L. P. D'iakonov. Veterinariia 43 no. 11 45-50 N *66

Discussion on the project for "The dictionary commentary on the 'Lry of the Host of Igor' " M 4, Salmina.

Trudy ODRL 18 594-595 '62.

Highly: "Hiscovery of the manuscript "Lay of the destruction of the Russian land," IU.K Begunov Trudy ODRL 18,28 , 8 '62,

N. M. Karamzin and the "Lay of the host of Igor". L. A. Dmitricy Trudy ODRL 18:38-49 '62

EPIC POETRY, ESTONIAN

Annist, August, comp. [Marl, singer of folk songs; heroic poetry from the time of seridom] Lauluema Mari, kangelaslugu wanast orjaajast. Rahwaparimustest poimi-nud August Annist. Tallinn, Eesti Raamat, 1986. 84 p. in Estorain

EPIDEMIC ENCEPHALITIS see Encephalitis, Epidemic

EPIDEMICS IN ANIMALS see Communicable diseases in animals

EPIDEMIOLOGICAL RESEARCH see subdivision under Azerbaijan

EPIDEMIOLOGY

Characteristics of whooping cough epidemiology under conditions of mass vaccination M. I. Khazunov and others Zhur. mikrobiol , epid i immun 43 no.11 62-68 N '66

Epidemiological characteristics of texoplasmosis S. L. Konovaloya Zhur mila obiol , epid i immun 43 no liil41-l43 N '66 Epidemiology of collenieritis. IU, M. Krinkov Zhur. milarobiol , epid i immun, 43 no.11:128-131 N '66.

Voroshilova, M.K. [Immunology, epidemiology and pre-vention of poliomyelitis and analogous diseases] Immunologija, epidemiologija i profilaktika poliomielita i skodonykh s nim zabolevanii. Moskva, Mediisina, 1966. 438 p. (DNLM)

EPIDEMIOLOGY—CLASSIFICATION

Experience in the systematization of categories and laws of epidemiology. Report No 1; Categories of epidemiology A, A, Chasovnikov Zhu mikrobiol, epid i immun 43 no 11:109-114 N 166

Effect of epidote and chlorite schasts as fertilizers on farm crops O A Kominar, Pochy ust, i effect udob, no. 1145-155 %.

EPIFANII, Monk, 15th cent,

Some representations of Epifanii the Wise and their literary sources O 1 Belobrova Trudy ODRL 22 Or-100 %

"The veaving of words" and the woven ornament of the end of the 14th century OF Konovalova. Trudy OPRL 22.101-111 '65

EPIGRAMS, ITALIAN

Taking a stroll through Rome lookstores. A. Glakhov V mire laig 6 no 10.18 O 166.

Epiphysiolysis of the distal end of the radius and its treatment, F! Balich Traymatologita no. 1-278-280 '65.

EPITHELIUM-CANCER

Interdependence between precancer metaplasia, intra-epithelial cancer and microrarcinoma of the relyix utcii 4, A Kuklini Klin onk no. 1/161-167 185.

EPOVA, NINA AFANAS'EVNA, 1903-1960

In memory of Nina Afanas'evna Poova - Izv Vost -Sib otd Geog ob -va SSSR 60 155-160 - 62

EPOXY COMPOUNDS

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Studying the vesistance of epoxy compounds to vibration loads. Rt. V. Gorshtein. Trudy LIVT no. 82:96-100 IGS.

Thermal degradation of epoxide polymers of di-[(2-givcidoxynaphthyi)] similes of dicarboxylic acids: 1. V Litvinenko, B. M. Kovaiskain, K. A. Koinev Khim prom Ukr. no 6 22-24 N-D 166

EPOXY RESINS

Heat-caned opoxy-novolak compositions and the effective-ness of their utilization A, F Nikolaev and others Plast massy no 12 13-16 '66

Internal stresses in epoty resin films, S. A. Shreiner, P.1 Zubov, T.A. Volkova Vysokom socil, 1 no 11, 1711-1717 N '62,

Structure of cured openy resins studied from equilibithm swelling and conversion of epoxide groups, M.M. Tathorutskii, M.1 Tikhonenko, koll. 2hui, 28 no 6-818-880 N-D 166.

Synthesis of epoxy resins with increased thermal resistance L. K Solov'ev and others Trudy MKHTI no 42: 110-113 '63

EPOXY RESINS-TOXICOLOGY

Toxicity of brand E-181 spoxy resin N. I. Shumskaia. M S. Tolgskaia. Toks nov. prom. khim veshch no B:111-126 *66

EQUATION OF STATES

Equation of state of rest gas and liquid in approximation of modified self-consistent field, 1 P. Bazar Zhur, fiz, khim. 40 no. 11:2749-2752 N 186,

EQUATIONS

Use of asymptotic second-order polynomials for approximate solution of differential and integral equations, I. Eterman. Izv vys, ucheb zav .mat. no. 6:161-169

ERBIUM ISOTOPES

Ob'ethmennyi institut ladernykh issiedovanii. Laboratoriis neitronnoi fiziki. [Neuti on resonances of ei blum isotopes] Neitromye rezonansy izotopov erbita. [By] E.N.Karzhavina, A.B.Popov, IU.S.Mzvitskii. Dubna, 1987. 33 p.

ERGOCALCIFEROL

Relationship between ergocalefferol (vitamin D₂) and oxyhemoglobin and cytochrome c N V. Bluzheevich, V. B. Spirichev. Biokhimita 31 no 6:1100-1106 N-D '66

ERGOMETER see Dynamometer

ERGOSTEROL

Ergosterol production by fedder yeast. E. M. Dikanskais, and others. Prikl, blokhim i mskrobiol. 2 po. 6:635-639 N-D 466.

ERIONITE—ADSORPTIVE PROPERTIES

Ion-exchange and sorptive properties of synthetic entontie. L. P. Shirinskain and others. Dokl. AN BSSR 10 no. 12; 961-964 D 186

ERIVAN-ELECTRIC EQUIPMENT INDUSTRY-TECHNOLOGICAL INNOVATIONS

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ERIVAN-ELECTRIC INDUSTRY WORKERS-DEEASES AND HYGIENE

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"Svan," G. Matyeeva, Sov. torg. 40 no. 1:21-25 t. 4:1

ERIVAN-ROAD CONSTRUCTION Road has been shortened by 6 km S. Matoian Avt doi 29 no 12:30 D 566

ERIVAN-RUBBER, SYNTHETIC-TECHNOLOGICAL INNOVATIONS

Movement toward a target G. Bograzian Pion Alma

9 no 10 14-16 *66 ERIVAN-RUBBER INDUSTRY-MANAGEMENT

Problems in the eclentific organization of labor, A Grigorian Prom Arm 9 no 10 23-24 466

ERIVAN-TELEVISION AND CHILDREN Our successes. O. Melik-Vrianesian. Sov. (adio 11:1 8 no, 3:11 '59,

EROSION

(see also subdivision under Akshtyrak Vallay; Diya Valley; Chumysh Valley)

Some opinions on the dovelopment of erorion, A.V. TSygankov, S.I. Nikitin, V.M. Aleshin, tich zop Voly, gos.ped.inst. no.18 (141-140 '64.

ERRORS, THEORY OF

Accuracy in the solution of normal equations, V.1, Sale nikov, Izv. vys ucheb, zav "geod i acrof, no 3-4+ 52

oz Analysis of measuring errots with ISM-3 apparains A.B. Lomakin - Metod i tekh razved - no 5° 20 po 185.

Generalizing the achemos of Gauss and Khaletskii, A.P., Tishchenko, 12v. vys. ucheb. 2av., good. 1 nerof, no. 3:53-58 102.

Illavord University, Computation Laboratory, [Tables of the error function and of its first Eventy derivatives] Tablitay funktsit oshibat i ee pervysh dvadtaatt professodnyth, Moskva, Vychishitelivaji tsentr AN 8581, 1968, xvi, 276 p. (Biblioteka matematicheskikh tablita, 1973) (NIC)

Traverse nets and the effect of the errors in them. It by Pavloy - Izv. vys ucheb, zav ; geod, lact of no 125-30 463

ERYTHREMIA Comparative activity of external photograductive agents III. I. Gubarawa and others. Vont darm (ven. 77 $_{\rm I}$, $\chi_{\rm I}$ 62-63 Mr 1 63.

ERYTHROBLASTOSIS FETALIS

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Amn SSSR 17 no 10-48-52 202

Use of low-molecular polyvinylpyrolidone in a compart treatment of cryth oblastods fetalla. L. G. Dankan, V. A. Tabolin, A. A. From. Probl. gernat. Upra 1, kt. .; 8 no. 748-52 Mt. (6)

ERYTHROCYTES

Amount of hemoglobin and crythrocytes in young main of various ages in a hatchery and after its planting in a liver. I. N. Ostroumova. Trudy MMHI no.12476-ins. ^រពិច

Changes in anythrocyte composition of the blead inhumana during prolonged complete dictury stavetion (without limitation of water) and subsequent feeding. II. 1 Shapiro Biul eksp biol 1 med: 55 no 5:10 14 M. ' 9

Changes in phosphorus and carbohydrate metabolism of erythrocytes in healthy i abbite under the influence of contisone B. S. Ber ezovskii Problemiok i got we no 1:7-12 Ja-F 463

Character and mechanism of qualitative or vibraryte change in aller gy O.M. Preger, C.S. Golorov, Pat. fiziol.i eksp.terap no.3:30-35 '64.

Constants of the rate of crythrocyte lysis by the a term of Clostyfdium porfr ingens type A in various minude. N. D. Sinadskii, I. G. Polozova, Zhar mikrobiol, apid immun 33 no 6:lib-ll? Jo '62.

Effect of radioactive water pollution on red blocd in embryos and larvae of salman (Salmo salar I.) Neustroov Trudy MMBI no 12:189-191 [66]

Effect of whole body K-ray tradiction on home blosynthesis in vitro by hemolysales of chick crylinochira T.V. Kazueva. Radiobiologita 6 no 64817-818 '68

Modifying effect of serum proteins on desage relationship in radiation injury of erythrocytes I.V. Orlova, H.S. Trincher Radiablologila 0 no. 6:815-916 '86

Octanol method of proparation and catalytic properties of acetylcholinesterase from crytla ceytes of warm-blooket animals. A. P. Brestkin, D. L. Pevzner Hicklainia H no.6:1174-1180 N-D '66

Once more on the problem of the interrelation between polychromatophilla, basophil granulos and granules filamentous structures of erythrocytes (a reply to Piafeasor E. H. Zakrzhevskii and L. G. Vasil'eva). D. l Gol'dberg, E. D. Gol'dberg, K. G. Potakhin, Probl. gemat, i perel, krovi 8 no. 2123-28 F 163.

ERYTHROCYTES (Continued)

- Use of animal secum for the determination of human erythrocyte groups by the ABO system M. Lout. Probl genet, i perel krovi 8 no 2 34-36 F 16 i
- Vac of pregnant maio's aerum and crythrocyte mass in sterility of rows 1, L, lAkimchuk Vetermariin 13 no 179-80 Ja '67.
- Use of adioactive chromium in the study of the adaptation of eighthrocytes in transfused blood G A Guseinov and others. Azerb med zhur. 40 no 9:21-26 5 '63

PRYTHROMYCIN

Fryth omycin treatment of pm ulent diseases of the skin and subcutaneous tissue V S Denisenko Vest der m iven 37 no 3,26-31 Mt '63

ERYTHROPOIESIS

- Effect of blood-stimulating plasma substances on elythro-polesis in experimental radiation sickness 1, N (Amshchikova, Vop. radiobiol, 4:400-105 61,
- Regeneration of the blood in donors in repeated blood ex-tractions during a reticulocytic crisis Z N Babit Probl gemat 1 perel, knovi 8 no. 3, 16-18 Mr 103

ESCHERICHIA COLI

- Consumption of Bacillus coli by water flea Daphnia pules De Geer R. I. Levina, N. M. Kriuchkova, V. G. Kond-ratink, Dokl. AN BSSR 10 no 12:982-984 D ¹66.
- Data for the improvement of bacteriological diagnosis of that to the improvement of bacteriological diagnosis of collenterities Report Not Increased growth of enter-capathogenic Eschetichia coll bacilli after the preliminary accumulation in the bouillon at 43-44°C. T. V. Smit nova, A. S. Ivanova. Zhun miki obiol. epid i imman. 33 no 6.63-65. Je. 162
- Data on collecteritis morbidity in Zaporozh'ye Kh 1 Baranova Zhur, mikrobiol, epid i immun 33 no 6-60-63 Je '62
- Effect of hypovitaminosis C on the comes of experimental intestinal infections in monkeys Z. K. Stasilevich Biul eksp biol i med 55 no 6;52-55 Je '63
- Flict of posions on the development of Bac, acetoethylicus and Bact coli M. B Kupletskaia, I. T. Nette.
 Milo oblologita 31 no 2:227-232 Mt -Ap '62
 Experience with phage typing of the sea otype OM1 Bi of Eschei telta coli. M. D. Krylova Zhun milo obiol, epid 1 immun. 33 no 6:65-60 Je '62.
- Genetic recombinations in intestinal bacteria. Report No 1, Hybridization between Escherichia coli and Shigeila Heynet i A. P. Pekhov. A. A. Abidov. Biul eksp biol i med. 55 no 5 86-90 My '63
- Histomine -histominase system in Escherichia coli endoto in intoxication K A. Konovnikov. Pat.fiziol.i eksp. terap. no.3:11-14 '64.
- Outbreak of acute intestinal disease caused by Pscherichia cell of the Ole ser type E. N. Kulikova, E. I. Valaman, M. I. Kavalerchik Zhur mikrobiol , epid i immun 43 no. 6:69-73 Je '62
- Pathogenic Escherichia coli and their role in the etiology of intestinal diseases in children in Smolenek V A, Kareva and others Zhur mikrobiol repid i immun 33 no 6:73-77 Je '62.
- Rele of amino and carboxyl groups of Eschei ichia coli C cell walls in adsorption of plage \$\phi\$ X171 N.V. Timakova Mikrobiologija 35 no 5,861-967 S-O \(^166\)
- Serological reactions with tissue entigens in intended and vaccinated unimals. N. N. Klemparshata, N. V. Racya Zhan mila obiol , epid i immun 33 no 6 107-111 Je 162
- Some criter is for the detection of correlations between bacter in and viruses Report No.1, Bacter is of the Eschetichta colf group as absorbents of enter cylruses A. F. Essol', K. G. Medyinskata, I. I. Noznanskata Zin mikrobiol , epid i immun 43 no 11:69-73 N '66
- Spheroplests of Escherichla coli obtained by means of phage "ghosts". D. M. Gol'dfarb, A.V. Avdreva, N. B. Bolisova. Mikrobiologija 31 no 5:868-879 S-O '62

ESENIN, SERGEI ALEKSANDROVICH, 1805-1925

For the adminers of a poet. A.Klitko. V mire knig 6 no. 11:31 N '66.

ŁSIPOVA-VOSKRESENSKAIA, ALEKSANDRA IL'-

NICHNA, d. 1966

A.I. Esipova-Voskresenskala; an obituary Sov. pedag.
30 no 6 158 Je 466

ESOPHAGUS.—BLOOD SUPPLY
Distribution and anastomoses of the arteries of the esophagus in dogs V. L. Zeliak. Dop AN URSR no. 7:959-961 163

ESOPHAGUS-CANCER

- Complications related to the use of a permanent catheter in operations on cancer of the upper portion of the stomach and esophagus L.G. Kharitonov, A. V. Bogdanov, A. Zh. Vemian. Khirungiia 42 no. 11 36-38 N 166.
- Our experience in surgical treatment of cancer of the esophagus. A.A. Rusanov Khirurgita 12 no. 11.23-27 N 166.
- Some problems of preoperative care of patients with can-cer of the cardia and esophagus IV. E. Berezov, P. M leakhanov, M. D. Lapin. Ekeper. khir. i anest 8 no.6: 30-82 N-D '63.

ESOPHAGUS—FOREIGN BODIES

"Air arrow" symptom in the diagnosis of injurice of the mucous membrane of the curvical segment of the coophagus IA A Fastoyalin B N Nevaku Sov mrd 26 no 3-69-71 Mn '63

ESOPHAGUS—NECROSE

Causes and prevention of necrosis of the transplant in plastic surgery on the esophagus VI Popov and others. Khirurgila 42 no. 11.30-35 N. (6).

ESOPHAGUS-RADIOGRAPHY

"Air arrow" symptom in the diagnosis or injuries or the nucous merbrane of the control segment of the esophagus IA \, Fastorskii, B, N, Nevskii Soy incd 26 no 3 69-71 \text{ Mr. 163}

ESOPHAGUS-SURGERY

- Causes and pre-critism of necrosts of the transplant in plastic survey, on the cophagus—VI Popov and others—khiturgita 12 no 11 30-15 N 166 Changes in some functions of the organism following antelion acie esophagoplasty with the small intestine E. A. Pachetnikova, L. C. Selezneva—khiturgita—39 no 2.119-124 F '63
- Lype innertal basis and clinical use of a new neethed for per forming esuphagointestinal anastomosis K N TSatsanidi Eksper khir i nest 8 no 6,19-23 N-D
- Experimental study of gastrossophageal reflux and methods of its surgical elimination. N.N Kanshin Sov med 29 no, 12 92-95 D 166
- Free transplantation of the small infestine with subsequent vascular enastomosis for esophagoplasty V.I Popov, V.I. Filin Eksper khu i anest 8 no 6 23-25 N-D
- Our experience in surgical treatment of cancer of the esophagus. A A Rusanov. Khirungita 12 no 11 24-27 N 166
- Peptic ulcers of the large intestine in coopingoplasty B A, Petrov. P. P. Sytnik Khirurgija 30 no 2,107-112 F '63
- Segmental intestinal plastic surgery of the convical section of the coopingual V. I. Popov, V. I. Filin Khirurgita 39 no.2413-118 F 463.

ESOPHAGUS—TUMORS

- Neurogenic tumors of the esophagus. A. A. Ol'shanetsku, D. Sh. Bentashvill, Khirurgua 42 no 11 27-30 N '66
- Rare case of esophageal ribroma, A.P Dotsenko, Khiturgata 12 no 11 130-132 N 166,
- X-ray diagnosis of benign esophageal tumors V. I Koledinov, G. V. Panenshin, G. I. Kudrina Trudy Novokuz, GIDIIVA | 32,76-79 | 765

A double trap (to be continued). V. M. Zavalishina, M. O. Smicsinov. Ukr. ist. zhui. 10 no. 11/128-135 N 'G6,

ESPIONAGE, GREEK

- Aksel'rod, G.S. [Payment for fear] Plata za strakh. Moskva, Voenizdat, 1965. 93 p.
- ESPIONAGE, RUSSIAN see subdivision under France; Japan

ESSENCES AND ESSENTIAL OILS

- New varieties of essential oil-bearing plants and the conomic efficiency of their growing Z G Makhenko, V. N. Shahimov Masi, -zhir prom 28 no 5 23-27
- Our experience in the receiving of and payment for essential oil-bearing law materials by the essential oil content. A. M. Smolinov, I. N. Kozlov, V. N. Shalimov Masi-zhit prom. 28 no 6 27-20 Je 162
 Shups and essential oils as conligents of liquid daugs. A. I. Tentsova Apt. delo 12 no 1:21-26 Ja-F 163
- Study of essential oil during the production and storage of black tea V. T. Gogila Blokhimila 28 no 2:300-311 Mr-Ap 163
- Studying sesquiterpone compounds of essential oils from the fruits of the wild carrot Dancus carots L. growing in the Northern Coucasus G. V. Pigulevskii V. I. Kovaleva Rast 108 2 no 4:527-531 166
- Ways for decreasing the loss of essential oil in harvesting and pacessing the "Prilukskaja-5" mint F. S.
 Tanasienko, N. N. Kasimovskaja Rastues, 2 no 4: 524-527 166

ESTERIFICATION

- Characteristics of polycarbonates obtained with the method of reesterification. 1 P Losey, O. V. Smirnova, E V. Smurova Plast massy no. 3 10-13 462
- Suiphoester ification of high aliphatic secondary alcohols. I, I, Tokarskoin, A, S, Nekrasov, A, N, Bashkirov Noftekhimita 3 no.5:758-763 S-O 163
- Vapor-phase esterification of acctic acid with ethanol. A.M. Chashchin. Gidroliv. 1 lesokhim prom. 15 no. 4,1-7 '62

Decomposition of pyrimidyl-4-malonic esters, IU. P. Shvachkin and others. Vest, Mosk un. Ser. 2: Khim. 17 no. 5:75-78 S-O '62,

- Determination of ester number of sterically hindered diallylmalonic esters and a-alk, i-substituted macro-cyclic factories S.G. Polinkova A.B. Skyortsova. Taudy VNIISNDV no 7186-190 '65
- Infrared spectra of esters of phthalic and 3-nitrophthalic acids with ethyline glycol and the determination of molecular mass of polyesters 1.1 Shabalin, E 3. Kiva, Zhar, fiz. khim, 40 no 11 2774-2778 N 66.
- Proper aton and study of some bullur-containing copolymers of oligorater accylates A 1 Berlin and others Visokom some 8 no 10:1733-1736 O 166
- Seminici omicliods for determination of esters and com-bonyl compounds D N Novikova, I V Levina Trudy VNIISNDV no 1492-494 465
- VNIBNOV no 175-16. Ob 5-nthetic additives of the dilitophosphoric acid ester type P. L.Saniin, E. S.Shepeleva, V. V. Sher Neftekhimita 3 no 5/781-791 S-O 63

ESTONIA -- A GRICHLAMRE

Our strength is in collective leader ship; experience of collective and state farm party organizations] Kollek-tilvses juhtimises politub joud, sochooside ja kolhooside partelorganisatsioonide tookogemust. Tallinn, Eesti Raamat, 1966. 68 p. [In Estonian]

estonia—City planning

Estonian S. S. R. Riklik Ehituse- ja Arfhitektuuri Komitet. [Problems of the economics of city planning in the Estonian S. S. R.] Von osy ekonomiki gradostrollel'stva v Estonskoi SSR, sbornik statet Tallinn, Valgus, 1966 50 p.

ESTONIA—COLLECTIVE FARMS—ACCOUNTING Compute the expenditure of labor in man rous K Makh-roy Fkon sell-hoz 42 no 12,99-101 D 66

ESTONIA-COMMUNIST EDUCATION

<u>Uuskula, Hans.</u> [Propagandists and the palaces of politi-cal education] Propagandist ja politiku idusmaja. Tal-linn, Eosti Raamat, 1960. 127 p. [In Estonian]

ESTONIA-COMMUNIST PARTY

ESTONIA—COMMUNIST PARITY

Leede, Valdar, and August Pusia. [Communist Party of
Estonia during the Great Pati lotic War of the Soviet
Union, 1941-1945; chapter 15 of "Essays on the history
of the Estonian Communist Party" Kommunisticheska ia partifa Estonit v period Velliko Olechestvennol
voiny Sovetskogo Soluza (1941-1945 gg), XV glava
"Ocherkov istorii Kommunisticheskoi partii Estonii,"

Tallim Parti Pagamet 1968 124 n Talliun, Eesti Raamat, 1966 124 p.

ESTONIA-COMMUNIST PARTY OF THE SOVIET UNION

- Pank-seev, A.K. [At the turning point; the work of the Estonian Communist Party in 1944-1945] V perelomnoe viemla, o delately-noyal Kompatii Estonii v 1944-1945 godakh. Talliun, Eesti Raamat, 1960. 76 p.
- ESTONIA-COMMUNIST PARTY OF THE SOVIET UNION-PARTY WORK
- Cour strength is in collective leader ship; experience of collective and state farm party organizations] Kollek-titives jubilinises petitub joud, sowhooside ja kollecoside partetorganistatisioonide tookogemusi. Tallinn, Eesti Raamat, 1966. 68 p [In Estonian]

ESTONIA-CRIMINAL PROCEDURE

Estonian S.S.R. Laws, statutes, etc. [Criminal procedure code of the Estonian S.S.R. Supplemented with a commontary] Eesti NSV kriminandproteessi kooleks, Kommenteen tud valjaanne. Talliun, Eesti Raamat, 1965. 503 p. [In Estonian]

ESTONIA---DAIRY CATTLE

Molder, Adolf. [Raising Estonian Red cattle] Lesti punase velseioù aretus. Tallinn, Valgus, 1988. 249 p. [In Estonain] (DNAL)

ESTONIA-FINANCE

Volt. Vello. [Setting up norms of working capital in in-dustrial enterprises] Toostusetlevolete kalbevahendite normeerimine. Tallinn, Eesti Raamat, 1966. 93 p. [In Estonian]

ESTONIA-HISTORY

Eesti NSV Teadusic Akadeemia, [Formal meeting of the Academy of Sciences of the Estonian S. S. R. dedicated Actually of Sciences of the Estonian S. S. R. accurated to the 25th amiversary of the Estonian S. S. R., June 16, 1965] Torzhestvennoe sobranie Akademii nauk Estonskoi SSR, posvishe hennoe 25-leitiu Estonskoi Sovetskoi Sotsialistichoskoi Respubliki 16 ilunia 1965 goda. Tallin, Eesti Raamat, 1966 84 p.

ESTONIA-HISTORY-STUDY AND TEACHING

Kalk, Juhan, Hillar Palamets, and Sulev Vahire. [History of the Estonain S.S.R.; addiational material for the 7th-8th grades taking courses in the history of the Estonain S.S.R.] Eesti NSV ajaloost; lisa materjali VII-VIII klassi NSV Liidu ajaloo kursuse juurde. Tallinn, Valgus, 1967. 110 p. [in Estonain]

FSTONIA-ENDUSTRIES

ESTOVIA—PROUSTRIES

Eesti NSV Teaduste Aladcenua, [Forma] meeting of the Academy of Sciences of the Estonian S.S.R. dedicated to the 25th anniversary of the Estonian S.S.R., June 16 1965 | Torzhe sivennor sobrame Arademi rauk Estonskoi SSR, posviashchennoe 25-letinu Estonsi ol Sovetskoi Sotsialisticheskoi Respublik 18 liunia 1965 goda. Tailinn, Eesti Raamat, 1966 84 p

ESIONIA-DITERNATIONALISM

Work of the Estadian Communist Party in the intername at administration of material A.P., Vader Vop 1st KPoS II no 1 4-16 Ja 167

ESTONIA-JUVENILE DE LINQUENCY

[Juvenile delinquency and its prevention] Alacaliste kuritegevusest ja selle araholdmisest mat, 1966 251 p [in Estonian] Tallinn, Eesti Raa-

ESTONIA-LABOR LAWS AND LEGISLATION

Estonian S.S.R. Lavs, stitutes, etc. Labor laws, a col-lection of present-day normalise acts Tooscadusandlus, behin ate normalis altide kogumik. Tallinn, Eesti Raamat, 1984. 179 p. [in Estonian]

Estonian S.S.R. Laws, statutes, etc. [Labor laws; a collection of present-day normative acts] Toossadusand-lus, kehtivate normatiivaktide kogumik 2, talendatud valpanne Tallinn, Eesti Raamat, 1906 562 p. [In Estonian]

ESTONIA-MOTION PICTURES

Rozen ranius, 1., and V. Tobio, [Cinema art of Soviet Fstonia] Kino-iskusstvo Sovetskof Estonia, Moskva, Soluz kinematografisto, SSSR. Biuro propagandy soy, kino iskusstva, 1965. 43 p. illus.

ESTONIA-OIL SHALE INDUSTRY

[50th anniversar; of the shale-mining industry of the Estonian S.S. R.] 50 let slantsedobyvatushchel promyshlemosti Estonskoi SSR, Tallinn, Valgus, 1968 405 p

ESTONIA-PLANT QUARANTINE

Estonian inspection L. Trofimova Zasneh rast. II no. 11 49-50 166.

ESTONIA-PLANTS, PROTECTION OF

In Estoma E. Kreineanu. Zashch rast, 11 no.11.7-10

ESTONIA-PLUM-DISEASES AND PESTS

The plum sawily Hoplocampo flava L. IA Nutt. Zashch. rast. Il no. ll 39-40 166.

ESTONIA-POLITICS AND GOVERNMENT

ESTONAN—POLITICS AND GOVERNMENT

ESTONAN S.R. Utemnoukogu [Meetings of the Sixth

Supreme Soviet of the Estonian S.S.R., ninth session,

Stytember 14-15, 1966 Verbairn report] Ecsti NSV

Utemnoukogu kuuenda koosselsu uheksas istungjark

14-15 septembril 1966. Stenogramm Tallinn, Eesti

Raamat, 1966 139 p. [In Estonian]

ESTONIA—SCIENTIFIC LIBRARIES

Cataloging of foreign periodicals in the Central Library of the Academy of Sciences of the Estoman S S R L Libits Operral bibliot sinestrate no 4 24-28 61

ESTONIA—SWINE BREEDING [Handbook for swine breeders] Scakasvatāja teatmik, Tallinn, Valgus, 1966 204 p [in Estonian] (DNAL)

estonia—stock and stockbreeding

Pung, Aarne. [Livestock raising] Pollumajandusloomade aretus. Tallinn, Valgus, 1966. 442 p. [in Estonian] (DNAL)

estonia—stock and stockbreeding—equipment AND SUPPLIES

Kolde, Oskar, comp. (Machines for the mechanization of livestock farms; a handbook) Loomafarmide seadmed; kastraamat. Tallinn, Valgus, 1986—213 p. (DNA).

ESTONIA-THEATER

Pai, Venda. [I would rather lose sleep] Enne ma une unustan. Tallinn, Eesti Raamat, 1986. 93 p. illus. [In Estonian]

EST ONIA -- VIEWS

Estima Kommunistik partei, Keskkomiice Propa-Estima Kommunistik partei, Keskkomiice Propa-ganda- ja Agitaisiooniosakond. (Soviet Estonia in 1959-1985) Noukogude Eesti aastal 1959-1985 Tallina, Eesti Riiklik Kirjastua 1959 40 1. (chiefly illus)

ESTONIA-WORLD WAR, 1939-1945-PERSONAL

Meisaois, Karl. [War veterans are telling their stories]
Sojaveteranid pajatavad Tallinn, Eesti Raamat. 1966
73 y. [In Estonian]

ESTONIAN EPIC POETRY see Epic poetry, Estonian

ESTONIAN LITERATURE—HISTORY AND CRITICISM Kaarl, K., and H. Peep. [On the literature of Soviet Estonia. Translated from the Estonian] O literature Sovetskoi Estonii. Tallian, Eesti Raamat, 1965. 47 p.

ESTRIOL

Biosynthesis of estrict. K.S.Sharoukhova, N.L.Man astatua. Vop med.khim 12 no 6;563-568 N-D 168.

Using plastics for mat-making for etchings. V K, Gindlin, \, I Petruk Paligi proizv. no. 9 23-24 S '63

Polycondensation of p-plenylenediamine with tetrabromo-chane 14. M Paushkin, V A, Aleksandrova, Vysokom, soci 8 no 101669-1672 O '68 Two-photon sensibilization of C-I bond brenking in ethyl lydd, in the presence of aromatic compounds V, V Rythov, V E Kholmogorov, Zhur, fiz, khim, 40 no, 11 2000-2002 N 166.

ETHANES-PHYSIOLOGICAL CFFECT

Cardiac at hythmia in fluethene anesthesia in children B N. Semenov. IU. L. Stepan'kov Eksper Fhit i anest. b no 8:68-73 N-D '63

Experimental study of the partitional accessor resulting from the production of 1-fn-antrophenyl-2-acceylamino-ethanol 7. L. Shrotbatova, P. S. Kratzman. Vod., Pan., gld1, 3007. no 147-57 '66

Hypersensitizing of extra-fine grained nuclear emulsions with triethanolamine NR Novikova, VI Zakharov Zhur nauch i prikl fot i km 7 no. 2 86-99 Mr-An

ETHANETHIOL

Radiop: otactive effect of cystoamine following ionizing irradiation of loach sperm E IA Greevskii. Z N Falceva. N K Floroza Radiobiologiis 6 no 6-886-

ETHAPERAZINE

Use of athaper szine in the treatment of achizophrenia. V.E. Galenko, O.N. Kuznetsov Zhur, nevi i peikh 63 no 1.80-86 %3.

ether (anesthetic)—physiological effect Resistance of white mice to inhalation nar cotics in different per fods of postnatal development V M, Rozhkov. Prudy LPMI no 32 136-139 '65

Kulikova, N. N. [Content and criterion of moral progress; a study in the field of philosophy and ethics] Soder anante i kriterii nravstvennogo progressa, opyta filosofsko-eticheskogo issledovanila problemy. Moskva, Myst',

ETHNOLOGY see subdivision under Asia, Southeastern; Ukraine; Volga Valley

ETHNOLOGY—BIBLIOGRAPHY see Bibliography— Ethnology

ETHYL ALCOHOL

Distribution of some impurities of ethyl alcohol in the columns of beer sittle. K. A Kaluntants. Spirt, prom. 28 no 4:7-10 '62,

ETHYLANINE

Effect of cystamine on changes in white blood of dogs following sublethal Y-ray irradiation. O K. Makhalova A. S. Mozzhukhin, V. I. Bertash Hadiobiologiia 6 no 6: 883-885 '86.

ETHYLAMING-THERAPEUTIC USE

Preventive action of cystomics and some of its derivatives in experimental toxic pulmonary eduma in laboratory salimals. IU B.Sirel'nikov. Pat fiziol i eksp terap, no.3:64-66 64.

ETHYLENE

Decommic problems involved in the production of ethylene and propylene, V. P. Davydov, Trudy 101 18:18)-194 162.

Kinetics and mechanism of conversion of simplest hydrocarbons in glow discharge at low pressure. Part 2. E.N. Borisova, E.N. Eremin. Zhur, Nz. khim. 40 no. 11:2713-2718 N '66.

Kinetics of the polymerization of ethylene on oxide chro-mium and oxide molybdenum catalysis in the gas phase M. A Landau, V V. Shchekin, Neftekhimita 3 no 5:713-

Production of citylene and propylene from casing-head gases. A. L. Rabkina, V. I. Kuz'min, Trudy Idi 18; 195-200 182,

Simultaneous polymerization of ethylene with vinyl nectate, R. A. Terterian. A. I. Dintses, M. V. Rysakov. Nestekhi-mita 3 no 5;719-724 S-O '93.

ethylene—spectra

Vibrational spectra and potential energy constants of halosthylenes. Monochlorosthylene, I, I-dichlorosthylene, and their douter lum-substituted derivatives. ylene, and their deute) non-substitutes vertyative V.S. Kukina, L. M. Sverdiov. Zhui, fiz, khim. 40 no. 11 2837-2840 N '86.

ETHYLENE GLYCOL

ETHYLENE GLECOL.

Determination of purity of monochylene glycol and
trichylene glycol by gas chromatography. E. M.

Pereplatchikova, A.IA. Lazaris Zhur anal, Khim 21
no. 10 1280-1281 166.

Infrared spectra of estera of phthalic and 1-ultrephi suacids with ethylene glycol and the determination of molecular mass of polyesters, 1.1, Shaballa, P. J. Ki., Zhar, ft., khim., 40 no. 11, 2774-2776 N. 366

ETHYLENE OXIDE

Acid catalysis and autocatalysis in the reaction (1 eth., long oxide with antilue M. M. Smil novae N. N. 1 eth., Trudy MKHTI no. 12:84-08 %3

Analyzing the reaction of othylene oxide with curron, Pacids K. A. Gus'kov, N. N. Lebedev. Trudy MERRI no 42:57-64 63

Capacity of reaction of phenola in their ranction with otherworkles V. I. Shweta, N. N. Lehedev Trail, MKHTI no. 42:79-83 %3.

Condensation of naphthenic acids and naphthenic at: tells with chylene oxide N. M. Romantov, A. N. Riffarov, Lv. AN Turk, SSR. Ser. Hz., tekh., khim. I good mark no. 5, 34, 39, 462.

Effect of the nature of the base in the cutalytic 1 and of ethylene oxide with a cetic acid and glycol mantale K. A. Gus'kov. N. N. Lebedev Prudy Main 1 no 42:65 -71 163.

Kineties and machanism of the reaction of ethylene only with miliandies and phenoin. V. F. Shweta, N. E. 1-to dev. Trudy MKIFFI no. 42:72-76 43.

Studying the mechanism of the reaction of ethylers activities and the reactive capacity of arother to the acid catalysis of the process in nonagarous sciulity at M M, Smirnova, N. N, Lobedov, Trusty MKHH 1 no 44; 88-93 '63

ETHYLENE POLYMERS

Copolymer isotion of othylene with vinylene confirm to.

R. A. Terter ion and others. Vysokom. acad. (1 no in-1721-1726 O '66

Low-temperature copolymerization. N. D. Zavorokhin, P. P. Markowskii, Vest, AN Razakh, SSR 22 no 13-26 ii D 166

Reaction of a coloring with Ziegler-type goluble colube colube catalysts and the Initiation mechanism of classical polymerization. A.E. Shilov, A.E. Shilova, ft M. Bubkov, Vysokout, sock. 4 no. it 1600-1005 to Man.

ETHYLENEDIAMINA

Innor-aghero reactions of ollylenediamine in Weiner (8) plex (~)-[PiEn]Ct, I.I. Cheminev, N. Sh (Hadkata O.N. Adrianova Zhar neorg, khlm, 11 no. II 7440 7407 N 166.

Products of Interaction of antia of cis-big-directionly Cammided inquocobalt with ammenta and Chyburch duty A.V. Ablov, O. A. Bologa, N. M. Samust Zhar acceptaint, 11 no 11;2632-2637 N '06.

ETHYLENEMINE

Articles and the Articles of the Articles of the Articles of Articles no. 5.812-816 S-O 10s.

ETHYLENEMINE—THERAPEUTIC USE

Combined use of preparations of the ethylenimius green in cancer of the ovaries. N. V. Festuk - Kitin cuk no, 1 111-116 165,

ETHYLENEMINE -- TOXICOLOGY

Evaluation of toxicity of ethylenimine in acute and anhacute action, G. N. Zaeva and others. Toke, no., prom. khim. veshch. no. 8 41-60 166.

ETROUETTE

Gorbovskii, A. A. [Man to man] Cholovok chotoveku [Moskya, Molodaia gyardiia, 1995] 143 p. (NIC)

etiquette for children and youth

At home and on a visit, A. Dorokhov, Somin i shkola 21 no. 12-50-52 D 168,

EUCHLAENA see Teusinte

Eucommia as a decorative species, V.F. Denchik, Illul Glav. bot, sada no. 63-16-10 166. EUDIOMETER

Piping manifold of SC(1-2v2h combustible gases warning unit in gas drilling. G. S. Gazarian, A. A. Kiselev, K. M. Khachaturova. Mash, i neft. obor. no. 0:10-11 4:5

EUDIOMETER-TESTING

Calibration and check of endiometers for the detertion of bendene vapors in air. D.K. Kollerov. Izm. tekh. no. 6:46-51 Ja 162.

EUGENOL

Separation of p-eugenoi from a mixture of isomers &-tained by C'-allylation of guaincol. N. N. Zetenetskit and others, Trudy VNIISNDV no. 7:118-119 '45.

EULER, LEONARD, 1707-1783

Contribution of Culer's biography I. IA, Dopman, Uch. 2ap Ped inst. Gorts 260:121-125 '65

EUROPE-HISTORIOGRAPHY

Hoskovskii gosudarstvonnyi universitet, Kafedra nevel i novelskei istorii. [Historicgraphy of the modern history of the countries of Europe and America] Istoricgrafiis novogo vremeni stran Evropy i Ameriki. [Moskva] Izd-yo Mosk. univ., 1987. 669 p.

EUROPE-HISTORY

Abmoirs of a diplomat. K. Maidanik. Nov. mir 39

no. 3-273-276 Mi 63

<u>Eak, L.A.</u> [Monarchs against the peoples, diplomatic struggle on the ruins of Napoleon's Empire] Monarkhi protiv narodov, diplomaticheskaia bor'ba na nazvalinakh napoleonovskoi imperii. Moskva, Mezhdunan.otnoshentia, 1966. 375 p.

EUROPE-POLITICS

Our comments. Nov. viem. 25 no.4:1-2 Ja 167.

EUROPE . EASTERN-BIBLIOGRAPHY

[New literature on the general problems of the European socialist countries] Nov lit po obshch. probl. evrop sots stran nos. 11 12 '66

EUROPE, EASTERN-COMMERCE-RUSSIA

Improving the structure of foreign trade. N. Zotova. Plan khoz 43 no 1 66-70 Ja 107

EUROPE, EASTERN-CONSTRUCTION INDUSTRY

Constituction news abroad. Ekon, stroi. 8 no. 12:66-67

EUROPE, EASTERN-COTTON MANUFACTURE

Production capacities of the cotton industry and their use in the member countries of the Motual Leonomic Assistance Council V.I.Naumova, Izv vys.ucheb zav , tekh tekst prom no 5:8-12 '66

EUROPE, EASTERN-DEMOGRAPHY-CONGRESSES

Demography is an active factor in the socialist reorganization of society, V. IAgodrin, Vop. ekon. no. 12:147-150 D 166.

EUROPE, EASTERN-ECONOMIC CONDITIONS

Pomazanov, S.I. [Comprehensive development of the national economy in socialist countries Kompleksnoe razvitie na odnogo khozialstva v stranakh sotsializma. Moskva, Mysl', 1966—230 p.

EUROPE, EASTERN-ECONOMIC POLICY

Morhdunarodnyi nauchnyi seminar po voprosam optimiza-tsil planti ovanifa I mezhotraslevogo balansa, 1965. [Problems of optimal planning; materials] Problemy optimat nogo planirovanila; materialy. Pod ted. A.N. Efimova. Moskva, Ekonomika, 1966. 292 p.

EUROPE, EASTERN-FOREIGN ECONOMIC RELATIONS

Pomazanov, S.I. [Comprehensive development of the national economy in socialist countries] Kompleksmee razvitte narednege khoziaistva v stranakh sotsializma. Moskva, Myst', 1966–230 p

EUROPE, EASTERN-FOREIGN ECONOMIC RELATIONS-RUSSIA

Helping one another in a fraternal way. N. Babin, Agitato: 31 no. 1:10-13 Ja 167.

EUROPE, EASTERN-INCENTIVES IN INDUSTRY

Economic levers of economic development in the Comecon countries 5. Riumin. Fin. SSSR 40 no. 11:81-85

EUROPE, EASTERN-LAND TENURE

[Yearbook on the agrarian history of Eastern Europe for 1964] Ezhegodnik po agrarnot istoril Vostochnof Evropy, 1964 god. Kishinev, Kartia Moldoveniaske, 1966 786 n.

EUROPE, EASTERN-PRICES

Technological progress and prices, N. Mitrofanova. Plan. khoz 43 no.1:70-73 Ja 167.

EUROPE, EASTERN-STATISTICS

Joint statistical studies in the countries participating in the Comecon. A. Leshchev. Vest stat. no.12-71-75 '66.

EUROPE, EASTERN-TECHNOLOGY

1 echnological progress and prices, N. Mitrofanova, Plan, khoz 43 no 1 70-73 Ja 467

EUROPE, WESTERN-MUSIC-PHILOSOPHY AND AESTHETICS

Shesiakov, V.P., comp. [Musical aesthetics of the West European Middle Ages and the Renaissance] Muzykal'-naia estetika zapadnoevropeiskogo srednevdov'ia i Vozrozhdenia. Moskva, Muzyka, 1966. 571 p. (Pa-miatniki muzykal'no-esteticheskoi mysli)

EUROPEAN WAR, 1914-1918

(see also subdivision under Germany) The role of the Russian Army in the military entents, 1915-1918. A. O. Aruitunian. Vest. obshchestv. nauk AN Az zn SSR no. 5:52-63 My '66.

EURYTOMIDAE see subdivision under Adzharistan

RUTECTICS

Formation of paeudoprimary crystals in entectic alloys. V. V. Nikonova, Rost, krist. 5:114-117 65.

EVANGELICALISM

Crists of Evangelical cibics, V. M. Boriskin, Vop. nauch, ateix, no. 1;88-118 '66,

EVAPORATING APPLIANCES

Effect of steam take off and chaust of noncondensating gases on the productive capacity of a multistage evaporating system E I Taubman, M L Malitsey, R M Fainkith I've vys ucheb zav , energ 9 no 11 lbs-122 N 166

Primer regulation in the automation of evaporating apparatus and plants. R. IA. I idies. | Khim. prom [Uki...] no 3 45-48 JI-S 162

EVAPORATION

Determination of the coefficient characterizing the rate of evaporation of an element and its diffusion in an are discharge plasma. G.V. Oyechkin, Sh. Bakhtovarshoev Dokl. AN BSSR 10 no 9 617-651 S. '66

Evaporation rate of thallium selenide (Tl Se), L. Kh. Genov, A. N. Nesmeianov, IU. A Priselkov, Vest Mosk un Ser 2: Khim. 17 no 5:34-35 S-O '62

Study of evaporation of microcomponents from salt mixtures in alternating current six by means of radioactive isotopes. B.O. Filonov. M. M. Paviluchenko. Dokl. AN BSSR 10 no 12:057-060 D '66

Use of radioactive tracer method in studying evaporation of bacum odde from various backings. V. P. Vasil'ev, I. M. Lutsenko. Izv AN SSSR. Ser. fiz., 30 no 12 1030-1934 D 466.

EVAPORATION CONTROL

Using reflecting disks as efficient means in controlling evaporation losses of petroleum products, S.P. Rusakov, N.M. Fatkhiev, I.S. Bronshtein Transp i khran nefti, i nefteprod no 10 31-32 *65

EVENING AND CONTINUATION SCHOOLS

Individual as signment in physics. G. I. Kentsman. Veclisied shiple 9 no 6:34-36 N-D 166

Methodological recommendations for the mathematics teachers of the 5th-8th grades. J. M. Bogdenov, G. D. Gleizer, S. M. Shakim Vech-sted shkola p no.6:51-56 N-D 68.

Psychological premises of accelerated training in evening schools. A I, Lipkina, Sov. pedag. 30 no. 6 76-82 Je 466

Recommended planning of educational material in history classes of the 5th-8th and 8th-1lth grades in the second half of the 1966/87 school year V.S. Gribov. M. L. Falvishovskaia Vech. sred. shkola 9 no. 6: 43-50

Results of a discussion of the relationship between school and life. Vech. sied. shkola 9 no. 6:88-91 N-

EVENKI LANGUAGE-SYNTAX

Kolesnikova, V.D. [Syntax of the Evenki language] Sintaksis evenkiliskogo lazyka. Moskva, Nauka, 1986. 246 p.

EVIDENCE, CRIMINAL

Tape recording as a form of evidence, O. Bilets'kyl and others Rud pravo 20 no. 12 78-70 D 166.

EVIDENCE, EXPERT

How defense counsels evaluate the findings of expert witnesses in the pretrial investigation and courtroom examination of criminal cases. S lAstrubets kyl. Rad. prave 28 no.12:56-58 D '66.

EVOLUTION

Problem of evolution; A.A. [Modern problems of the theory of evolution] Sovremennye problemy evolutisionnod teorii, Moskva, Znanie, 1967 31 p. (Novoe v zhizni, nauke, tekhnike. VIII Seriis: Biologiia, no. 1)
Problem of evolution and the chemical form of motion, R.S. Karpinskaia, V.P. Vizgin, Vest, Mosk. un. Ser. 8;
Filos. 21 no. 3;35-45 My-Je *165.

Role of need in the evolutionary process. N. A. Mo Vest, Mosk un. Ser. 8; Filos. 21 no 3;10-53 My-N. A. Mosolova. le 66.

EXCAVATING MACHINERY

(see also subdivision under Tashkent; Ural Mountain

Efficient flow sheets for waste stacking and parameters of mining systems during the operation of hauling and stacking machine complex M.G. Novozbilov and others, Izv. vys. ucheb, zay., gor. zhur. 8 no. 5:29-38 '83,

Narel, G. B. (Intensitying the performance of wheel-type lib excavators) Intensitikats its raboty reterrish strelevysh okskavatorov. Moskva, Nilntormatsitstreleorkonnunmash, 1965. 60 p. (Serlia 1: Streltol'nye i dorozbnye mashiny)

Studying the walking machanism of ESh-25/100 excavators. I. Je '63. I. M. Gomozov, Stroi, i dor, mash. 8 no. 6:6-7

EXCAVATING MACHINERY-DESIGN AND CONSTRUC-TION

Manufacture of excavating machinery and economic as pects of strip mining. IU. A. Cherengov, V. A. Baronenkov Gor.zhur. no.12;7-il. D. '66

EXCAVATING MACHINERY-MAINTENANCE AND RE-PAIR

Increase reliability and service life of medium-capacity open-pit excavators. P.N.Kostenko. Ugol! 41 no. 12; 35-38 D '66.

EXCAVATING MACHINERY-PARTS

Borisov, S. M. [Clutches and brakes of single-bucket excavators] Mufty I tormoza odnokovshovykh ekskavato-lov. Moskva, Miinformalslistroidolkommunmash 1985 58 p. (Seria 1 Streilel'nye i dolozbuye mashloy)

Reisi, A.K. [Increasing the durability of parts of the rüming units of excavators, a survey] Uvellehende sto-kov shuzihiy detalel khodovykh ushtoistv ekskavatorov, obzol. Moskva, NIINFSDKM, 1985. 73 p. (Serifa l. Strottel nye i dorozhnye mashiny)

Wear resistant surfacing of parts of excavator bucket chains, C.I. Lemachuk, A.T. Grabchak, Avtom, svar. 19 no. 12:62-61 N [1 e.D] '66.

EXCAVATIONS (ARCHAEOLOGY) see subdivision under Bulgaria; Shakhristan region (Tajikistan)

EXCITATION (PHYSIOLOGY)

Age-related mobility of human basic nervous processes. A.E. Khillchenko, L.N. Kurkchi, N.P. Kurkchi Vop. psikhol, 12 no 6:123-128 N-D 466.

Effect of the cerebral cortex on the roastral against of the reticular formation of the brain stem. A M Marits Fiziol that 48 no 10:1146-1153 O 162
Experimental voscular sparm in hind limbs caused by a chronic it illation of the lumban sympathetic ganglia M. P Villanskii. IU M. Gallperin flysper khir i amest. 8 no 6,55-56 N-D 163

EXCITON THEORY

Absorption and dispersion of light in the formation of molecular excitons A S Davydov, E. N. Mirsnikov Dokl. AN SSSR 171 no. 5 1069-1071 D '66,

Exciton-type excitation in gases, A. P. Kazantsev, Plst, v red, Zhan, eksper, itcort, fiz. 5 no. 1,13-16 Ja '67

Theory of stim flated Raman scattering of light on excitons. IU. A TSvirko Ukr fiz. thur II to U-1248-1250 N *66.

EXERCISE THERAPY

Exercise therapy in diaphysial fractures of the forearm following treatment with intraossuous metal rod fixation, L.N Naumova Trudy Inst im.N.V. Sklif. 7 360-367

EXHAUST SYSTEMS

Optimum form of the diffuser of a turbine evaluat pipe. D.1 Morozo, Liv vys ucheb zav., oneig 9 no 11- 107-110 N '68

EXISTENCE THEOREMS

Existence theorems for nonlinear boundary value prob-lems G, N Zhevlakov, IU V Komlenko, E L Tonkov Dokl AN HSSR 10 no 9,626-628 S '66.

EXISTENTIALISM

Existentialism, Article l. D.IU.Solov'ev. Vop.filos. 20 no.12,76-88 166

EXOSTOSIS

Solitary asteocartilaginous exosioses. A.G. Sadykhov. Azerb, med zhur. 40 no.3:3-11 Mr 163.

EXPERT EVIDENCE see Evidence, Expert

EXPLOSIONS

Directed propulsion of bodies by the explosion products. G.M. Linkhov, PMTF no. 3:44-52 My-Je 162,

Effect of explosion on matter Tepography of Impact compression of alkali metal nitrates. S. S. Batsanuv and others Fiz.gor. 1 vzrvva no 3-110-118 '66

Experimental study of a directed explosion in the soll. V. M. kuznetsov, E. N. Sher. PMTF no. 3:53-58 My-Je 162.

Exploding charges for priming low-sensitivity explosives, IU.S Mets, I T. Kolesnichenko, Gor. zhur. no.11-47-40 N '66,

Explosion on the surface of a plate, V M. Kuznetsov, FMTF no. 3:10-43 My-Je *162

Ignition of condensed explosives with conductive heat transfer from media with post thermal conductivity V. N. Vilyunov, A. K. Kolchin Fiz gor i vzryva no 3: 101-109 '66.

Theory of thermal propagation of chemical reaction front B. I. Khairin A. G. Merzhanov Fiz gor i vzryva no 3: 36-46 166

EXPLOSIVE FORMING

Explosion haldening of high-mangen steel A. A. Deribas. F. I. Matveenkov, T. M. Sobolenko Fiz. gor i vzryva no-3:97-94 '66

EXPLOSIVES

Brenkdown of layer-by-layer burning of gas-permeable porous systems A. F. Beliaev. A. I. Korotkov. A. A. Sultmov Fiz gor. i vzryva no 3:47-58 '08.

Concentration region of explosibility of hydrogen-oxygen mixtures at pressures above atmospheric. S. A. IAntovskii, M. V. Chernisk. Zhur, fiz, khim. 40 no. 11;2209-2006 N '66.

Detonation damping in liquid explosive mixtures of tetranitromethano with ethyl todide V. S. Solov'ev. V. A Letiagin Fiz gor vzryva no. 3,31-35 '66

Detonation of condensed explosives by laser radiation A A Brisk and others. Fiz ger iveryvs no.3:132-133 '66.

EXPLOSIVES (Continued)

- Explosive properties of organic peroxides. V.1. Antonoyskii and others Khim prom. 42 no. 12 897-900 I) '6b.
- Methodology or determining the relative power of virious explosives in model studies of evolution in S. Q. V. Brikomitios and others. Vest As Kazakh SSR 22, no 12,45–48. D 166.
- Stability of iterion of butning of porous charge with appointaneous penetration of combustion products into its pores. N. D. Margolin, S. V. Charleo. Fir got 1 23 (Va. no 3419-124. %6.
- Svetlov, B.IA., and N.E. IArcmenko. [Theory and pro-perties of industrial explosives] Teorita I svoistva promyshlennykh vztyvchatykh veshchestv. Izd. 2., dop. i perer. Moskva, Nedra, 1966. 231 p.

EXPLOSIVES -- ANALYSIS

Pstablishing standards for the personnus gas contents in explesion products. B.D. Rosai. Bezop truck v. prom. 6, no. 5,22-24. My 162.

EXTRACTION (CHEMISTRY)

- Extraction-photometric determination of silver impurity in pure selemum and tellurium by means of 1, 3-di-(β-naphthyl)thiocarbazone V.G. Tiptsova, A.M. Andrei-chul, L.A. Bazhanova. Zhur anal khim. 21 no.10 1176-
- Liquid-liquid extraction with mixing. H. K. Honeharenko, A. P. Hottins'ka, A. A. Akhtvis'ka, Khim prom [Uki] no. 3 15-17. JI-S. 162

EXTRACTION APPARATUS (see also subdivision under France)

- Characteristics of the Office extraction system N P Kovalenko, V E Ovcharenko, Masfrahii prom 28 no 6 32-36 Je 182
- Some regularifies of mass transfer in a box extractor. N.I.Gelfperin and others Khim, prom. 12 no. 12. 919-923 D '66.

Gas exchange in class animals collowing introduction of the pituitary preparation adiposin NA, Isichenko Problemiok i gorm 9 no 139-44 Ja-F '63

EXTREMETIES (ANATOMY)-BLOOD SUPPLY

State of the histohematic harrier of the extremetry during the first hours following its replantation 1. M Saburova G S Lipovetskii Trudy 1-go MMI 49:233-

EXTREMPTIES (ANATOMY)-FRACTURE

- Results of surgical treatment of fractures of bones of the extremities I.A Bellavina Trudy Inst. m N V. Sklif 7 308-372 '63
- Treatment of open fractures of the extremities. M.l. Byshitskii, I F.Zogoruiko, Traymatologila no 1; 118-123 '65,

EXTREMITIES (ANATOMY)-TRANSPLANTATION

- Changes in the function of the liver and kidneys in dogs following replantation of extremities, preliminary open A A Seid-Gusseinov, G S LipovetsFit, L M Saburova Trudy 1-go MM 49-207-215 '66
- Changes in the protein-electrolyte equilibrium in dogs following replantation of extremit, preserved during 24 hours under t. +2 +4°C L M Saburova. G L Lipovetskii Trudy 1-go MMI 49-186-198 -68
- Clinical replantation of an amputated extremity IU II Gritsman, G S Lipovetskii, S A, Mushegian Trudy 1-go MMI 49:240-245 '66
- Dynamics of the charges in the content of histamine in the blood and cerebrospinal fluid in dogs following replantation of extremities IL Voisfel'd and others Trudy 1-go MMI 40:197-206 '66.
- Indispensibility of perfusion of the vescular system of an amputated extremity prior to its replantation G.S. Lipovetskii and others Trudy 1-go MMI 49:220-226
- Morphological changes in the muscles and skin of a replanted extremity depending on ischemia and denerva-tion M I Shashi ina. G.S Lipovetskii. Trudy t-go MMI 49:227-232 '66
- Some problems in the clinical course of the syndrome of extremity replantation GS Lipovetskii and others Trudy 1-go MMI 49:171-177 '66
- Some problems of the pathogenesis of the syndi ome of extremity reptantation; preliminary report G. S. Lipovetskii. Trudy 1-go MMI 49:178-185 '66
- State of the histohematic barrier of the extremity during the first hours following its replantation. L. M. Sabutova. 100. [66] Lipovetskii Trudy 1-go MMI 49:233-230 [66]
- 239 '06
 Vascular disorders in the kidneys following replantation of extremities under the conditions of acute experiment; preliminary report B, S Svadkovskii, G S, Lipovota-kii, Trudy 1-go MMI 49;217-218 '66
- EXTREMITIES (ANATOMY)-WOUNDS AND INJURIES Surgical interventions as a remimation component in severe traumas to the extremities. M.M. Rozhinskii, V. G. Pilinoga Travmatologlia no. 1:124-129 65.

Work capacity in a late period after saturing the nerves of the estimatics V.L. Kachaev Zhur nevi i paikh

EXTRUSION (METALS)

Selecting basic parameters of mechanical presses for cold c truston I M. Podrabinnik, E M Rodov [Nauch trudy] INIKMASha no 14 68-78 '66

EXTRUSION (PLASTICS)
Studying the effect of the charging conditions on the operating capacity of extrusion machinery G V Sagalaev
B A Object F Z Bokareva Plast massy no 0 15-

EXTRUSION PROCESS

Munifacturing electrodes by cold ettrusion. B. A. Naura-chee, A. Sh. Murasce, I. I. Karpilles, Kuz, -shtum, proizy. 6 no. 1245-46 D '66.

- Feelogical and morphological characteristics of the visual analyzer in some mammals M, F, Nikitenko Dokl AN BSSR 6 no 1605-607 S 162,
- Tyo Leactions in epidemic hepatitis. M.D. Alemik, I.N Khizhutakova Vop virus 8 no 4-502-505 Ji-Ag 161

EYE—ACCOMMODATION AND REFRACTION

- Changes of the vision and ocular refraction in the process of near-accommodation paralysis in myopia, 5, G Muradalieva Azerb med zhur 40 no 3:23-28
- l'Hoot of attopinization en refraction in myopic children. N A Kazleva. Azerb. med. zhur. 10 no 3:18-23
- Expanimental clinical study of the effect of some ganglion blocking and vegetative preparations on the dynamics of the notion UKh Musabelli, K. A Adigezalova-Polchueva Azerb med zhur no 3:11-16 Mir '62

EYE-DISEASES AND DEFECTS (see also subdivision under Iraq)

- Changes in the blood vessels of the eye in theureatic tevet I I TSuker shtcin, M IA Samulevich Sov med. 26 no 3:106-108 Mi 163
- [Diabetes mellitus and diseases of the eyes] Sakharnyi diabet i zabolevaniia glaz, [By] M.G. Margolis i dt., Meskva, Meditsina, 1966, 172 p. (Biblioteka prakticheskogo vracha) (DNLM)

EYE—FOREIGN BODIES

- Our experience in V-1sy detection of foreign bodies in the eve B. G. Butorine. Trudy Novokuz GIDUVa 32:13-
- Rationalization of calculations in X-ray localization of intraocular fragments by D. IA Bogatin's method A Koz'min Trudy Novokuz GIDUVa 32:16-20 '65
- X-ray localization of "man ginel" foreign bodies in the eve A A Koz'min Trudy Novokuz GIDUVa 32:0-12 '65

EYE-RADIOGRAPHY

- Our experience in X-ray detection of foreign bodies in the eye B, G Butorina Trudy Novokuz GIDUVn 32-13-15-165
- Rationalization of raiculations in X-ray localization of intraocular fragments by D. IA. Bogatin's method. A. A. Koz'min Trudy Novokuz GIDUVA 32:16-20 '65
- Y-ray localization of "marginat" foreign bodies in the eye A A. Koz'min Trudy Novekuz GIDUVa 32-9eşo . 12 '65

EYE-TENSION see Intraocular pressure

EYE-WOUNDS AND INJURIES

Tartakovskaia, A.I. Prevention of eye lesions Pro-filaktika povrezhdenii glaz. Moskva, Znanie, 1967. 28 p. (Narodnyi universitet: Fakul'tet zdorov'ia, no. 2)

Consolidated casting and assembly of reinforced concrete panels for outside surfacing of buildings at construction of Moscow television station V. IU: kin Zhit stroi no 12:27 -28 '66 .

FAÇADES-MAINTENANCE AND REPAIR

Protection of facades of totally prefabileated buildings against rain water, K. Kashkarov, K. Skorduff, Na stroi, Ros. 4 no. 10:27-28 O '63.

FACIAL NERVE --- DISEASES

Pethogenesis and treatment of primary neuritis of the facial nerve. V.S.Lobzin. Zhur, nevr i psikh. 63 no.1;19-52 '63.

FACTORIAL EXPERIMENT DESIGNS

Quantitative determination of cis-isomor in a mixture of cis- and trans-\$\textit{\textit{\textit{a}}}\text{-(a-aminocyclohevy!)} propionic acids in the infrared. Report No. 2. Experiment design in the estimation of errors due to instability of conditions under which analysis was conducted. 1.A. Titova, IU.I. Volodarskaia. Zhur, anai, khim. 21 no. 11:1363-1366 [166].

FACTORIES-DESIGN AND CONSTRUCTION

First plant architects of Sibrila. M. A. IUdin 12. v,s ucheb zav , stron i a khit 9 no. 9 120-127 i. Problems of an chitectural organization of space in co-

veyer assembly line shops. V. Nikolaeva. Akht. 999R no. 11:30-33 '66.

Quality of design to: the reconstruction of plants we lygn v firstsov, V Morsecuko Strof farkhit H no 8,29-30 Ag '64

FACTORIES-HEATING AND VENTILATION

For clean air Okhr, truda i sots strakh, 4 no 12

FACTORY INSPECTION

Regulation on the technical inspector of trade unions. Orbit trada 1 sots strable 0 no 12 26-28 D 166

FACTORY MANAGEMENT

Tushunov, IU.A. [Fronomics of the use of equipment]
Ekonomika ispol'zovanila oborudovanila [Moskva]
Mosk.raborhii, 1966 63 p

FACTORY SANITATION

Composition of exhaust air in paraffin oxidation to an LE N Paylikova and others. Khim prom Uki. α_0 § 53-55 $N\!-\!D^{-1}66$

FALLOWING

(see also subdivision under Zapor ozh'ye Province) I allows with buffer strips N I Follmer Zemleich, 28 no 10 44-36 O 366

FAMILY see subdivision under Turkmenistan

FAMILY LIFE EDUCATION

Seven colors of the "Rainbow," C. Skorokhotov, Sov, radio 1 tel 12 no 6:14-15 Je 163

FANS (MACHINERY)

- Analyzing the work of a radial-flow contilator with enlarged discharge channels. N. K. Vasil'ev, N. S. Efimov. Zap. I.SKIII 96-220-223 '65,
- Rody form of a radial-flow ventilator, N. P. Steinger, Zap. I SKHI 96:232-237 '65,
- Rostovskii Promett ointiproekt, [Dynamic loads caused by crushing and milling, drafting and blasting machine, and centrifuges, handbook for designers] Dhamlcheski and centrifugos, handbook for designers; unamiche nagruzki of drobil'no-razmol'nykh, fiagoduf'cykh mashin i tsentrifug, posoble dlia procktitovshchiko, Rostov-na-Donu, 1986. 47 p. [MICROFILM]

Surging in mine fans. A. A. Dzidziguri, T. I Maikashelli Izv. vys. ucheb. zav. .gor. .zhur 6 no 5:138-145 163
Theory of a radial-flow ventilator, V. G. Turbin, N. P. Sychugov, Zop. LSKIII 80:243-253 165.

FAR EAST-BIRDS-MIGRATION

Hibernation of birds in Far Eastern seas and nothers part of Pacific Ocean V, P Shuntov Zool thu 45 no 11,1698-1711 '66

FAR EAST, SOVIET see Soviet Far East

FAR EASTERN ECONOMIC REGION-MAPS

Program of integrated mapping of the territory of the large Far Eastern Economic Region D.S. Vishnevskii Dokl. Inst. geog Sib i Dall Vost no 8 53-59 165.

FARADAY, MICHAEL, 1791-1867

The first analysis V Azernikov, Prom Arm 9 no.10 77-78 66

FARADAY EFFECT

Optical rectifiers based on Faraday effect A.L.Miles lian and others Radiotekh, i elektron il no 12 2240 2241 D '66

(see also subdivision under Sverdlovsk Province) Elements made of mesh-reinforced concrete, Sell-stroi, 16 no. 11.30 N '61.

FARM BUILDINGS-DESIGN AND CONSTRUCTION (see also subdivision under Virgin Territory)

Roslov, N.N. [Efficiency of design details for industrial farm buildings] Effektivnosi' konstruktivnykk reshenii industrial'nykh sel'skokhoziatstvennykh zdanii. Moskvs, Strolizdat, 1966. 95 p.

FARM CORPORATIONS see subdivision under Poland

FARM EQUIPMENT

The new civil code of the Ukrainian 5, S, R, and the organization of the procure ment of agricultural supplies V. A. Almaz. Pravoznavstvo no. 1:43-49 '65.

FARM EQUIPMENT-FINANCE

Dynamics and changes in the structure of capital assis in connection with the intensification of agriculture 1, Pozdalskov. Trudy Irk, un. 40:19-15 '85

FARM LIFE

Your own village. N. Sergeev. V mire knig 6 no. 11 19 N 166.

FARM MANAGEMENT

(see also subdivision under Kalach District; Kurgan Province)

Adjust agronomic calculations N.P. Safronov, P.1. Vozniuł Zimledelie 28 no 10 51-51 O '66

Control the quality of work A A, Kalmov, Zemledelie 28 no. 10 16-57 O 466

Problems of the scientific organization of management on collective and state tarms. G Loza. Ekon selfahoz 42 no 12:21-30 D 66

FARM MECHANIZATION

Let's mechanise our stock farming. N. Manukovskii, Agitatoi no 2 30-33 Ja 162

FARM PONDS see subdivision under Deepropehovsk Province

FARM PRODUCE

Develop the technical foundations for the processing of farmor oduce | Rhol tekh | 39 no 31-1 My-Je '62,

FARM PRODUCE --- TRANSPORTATION

Automotive transportation workers organized the hautage of crops Art transp il no 7 1-5 II '63, Highways and the development of agricultural production. G B Podlubnyi Art do: 29 no 11 7-8 N '66

FARMERS

Work only conscientiously Agitator no. 18:3-6 S 162,

FARMS-VALUATION

(see also subdivision under Armenia; Kominter-novskoye District; Mondovia)

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FASCISM Bee subdivision under Germany, West

FASTENINGS see subdivision under. Khehizistan

FASTENINGS-STANDARDS

Reduce the number of fastening types for motor vehicles, K. Kostin Avt. transp 41 no 12:40-11 D 166

Determining fat content in herring under commercial conditions L. P. Minder, L. I. Konstantinova Trudy PINRO no. 13*63-76 '62

FAT TISSUE see Adipose tissues

States of stress and fatigue under conditions of isolation rom external etimuit. F. D Gorbov, V. I Miasnikov. V. I. Izadovskii. Zhu. vys nerv dejat. 13 no 4:585-592 Jl-Ag '83.

FATIGUE, MENTAL

Changes in higher nervous activity in students of junior classes of boarding schools during the day and the effect of active rest in form of lively play and physical exercise. A.A. Guzhalovskii Zhun, vys., nerv. delat 12 no. 3 465-471 My-Je ¹⁶²

FATTY ACID METABOLISM

Biosynthesis of cholester of and fatty acids from $2 - C^{14}$ -Accelete in vanious organs and tiesues in rats V.F. Morkslova, V.A. Tatslevskii. Vop. med khim. 12 no. 6:646-647 N-D '66.

FATTY ACIDS see Acids, Faity

FAULTS (GEOLOGY)

Deep faults as a factor conducive to the detection of kimberlites in the Russian Platform, V.O. Ruzhitskii, Trudy VGU 63:7-15 65.

FAWTER, ROBERT, 1885-1966

Robert Fawtier; an obituary Sred, veka no, 28:324-325

FAYALITE

Thermodynamics of equilibrium of fayalite Fe₂ SlO₁ with hydrogen. I. D. Berliner, R. D. Shapovalova. Zhur, fiz. khim. 40 no 11,2005-2807 N ¹⁸⁶.

FECES-ANALYSIS

Counting devices for coprological examinations, A.M. Muzykovskii, Med.paraz.i paraz.bol. 32 no.2;224-225 M: -Ap '63.

Substitution of the conservant agent with scienite medium concentration in examination of excrements for Shigelia and Salmonella. IU.I. Litinskii and others. Lab. delo no.1:38-40 '67.

FEDERAL GOVERNMENT

The views of foreign communist parties on the unitary and federal form of the state. B. L. Manelis, Trudy TashGU no. 282:5-21 166.

FEDIN, KONSTANTIN ALEKSANDROVICH, 1892-

Akadomila nauk SSSR. Institut mirovol literatury.

[Works of Konstantin Fedin; articles, reports, documentary materials, meetings, with Fedin, bibliography]

Tvorchestvo Konstantina Fedina; stat'i, soobshchentia, dokumental'nye materialy, vatrechi s Fedinym, bibliograftia. Moskva, Nauka, 1986. 628 p.

FEDOROV, ALEKSANDR ALEKSANDROVICH, 1906-

Aleksand: Aleksand: ovich Fedor ov (his 60th birtiday and 10 years of scientific activity) A A Nikitin Rost res 2 no 4 581-585 '66

FEDULOV, STEPAN PETROVICH

Stepan Fedulov's verse, 14. Belitstil. V mite ting 6 no. 10 42-43 O 466.

FEED GRINDERS

Energetic study of the working process of grinding stally feeds in multipurpose grinders. S. V. Mclinikov, K. Tursunov. Zap. LSKIII 96:272-274 *65.

Experimental determining of the expenditure of power m grinding feeds in multipur pose grinders. K. Tursunov. Zap. LSKHI 96 286-287 '65.

TEED INDUSTRY

Urgent tasks of the ma ed feed industry A. Baum Muk -elev prom 32 no 11-19-21 N 466

FEED INDUSTRY-TECHNOLOGICAL INNOVATIONS

Search and proposals of efficiency promoters,
M kvetnyi Muk -elev prom 32 no ll 14-18 N 466

FUED MECHANISMS

Calculating the cross sliding of a jaw feed carriage. C. I. Medakh. (Nauch trudy) ENEKMASha no 11 16-19 466 industrial testing of electrovibrating feeders with a torsional elasticity system. L. A. Golddin, M. IU. Falans. Obog 11d 11 no 3,37-38 66.

FEED MILLS

High capacity feed grinder. Inform.biul.VDNKH no.8° 21 Ag '62.

FEEDBACK (ELECTRONICS)

Peedback in electrical networks. A. A. Rizkin. Teat. elektrotekh. no. 1:33-36 466.

FEEDBACK CONTROL SYSTEMS

Regularization of longitudinal instabilities in atolage devices by means of feedback system | E. A. Zhill'Fov. A.N. Lehadev | Atom energ | 21 no 6 505-506 | D | 66.

FEEDING-EQUIPMENT AND SUPPLIES

Makarov, A. P. [Mechanization of the preparation and distribution of feeds on farms] Mckhanizatsila prigotovienija i razdachi kormov na fermakh. Moskva, Kolos, 1966, 389 p. (DNAL)

FEEDING-TABLES, CALCULATIONS, ETC.

Lemesh, V. F., A. P. Shpakov, and V. K. Nazarov [Feed norms and tables] Koi movye normy I lablitsy. Minsk, Urozhat, 1966, 385 p. (DNAL)

FEEDS

(see also subdivision under Kazakhstan; Siberia, Western; Ukraine; Ul'yanovka District)

New methodological Instructions. I. P. Kondrakhin, Veterinarila 13 no. 12,92 D *66

Thanks of a collective farm. A.N. Zhukovskii. Veterinarila 13 no 12;10-11 D *66.

FEEDS-ANALYSIS

Residual hexachloran in feeds. M.G. Bondarenko, R.F. Grechanala, Veterinarita 43 no 12:81-92 D 66

FEEDWATER REGULATION

Automatic control system of the feed of water in steam bollers, V. N. Kototkevich, V. V. Biriuk, Bezop, truda v prom 6 no. 5·30-31 My '82.

FEFILOV, BORIS VLADIMIROVICH, 1895-1962

Boris Viadimirovich Fefilov; oblivary. Izv. vys. ucheb. zav., geod. i aerof. no. 1147-148 163

Bakumenko, I.T. [Regular quartz-feldspar intergrowths in pegmatites and their genesis] Zakonomernye kvarts-polevoshpatovye siastanila v pegmatitakh i ikh genezis Moskva, Nauka, 1068. 171 p

Behavior of feldspars in sintering with lime. G.R. Borovik, K.P. Kaleeva. Min. syr e no. 13:70-82 '86.

Morphological changes in the caput femoris in nonuning of medial fractures and pseudurthrosis of the femoral neck, A.M. Berman, V.M. Lirtsman Trudy inst. im. N.V.Skiif. 7:523-325 63

FEMUR-FRACTURE

Anesthesis in the surgical treatment of fractures of the femoral neck in elderly and senile patients. B.V. Chetverushkin. Trudy Inst. im. N. V. Sklif. 7 325-330

Content of litanium, vanadium and allicon in the callus in fracture of the femur in fregs. A. M. Belous, A. P. Skoblin. Travrantologita no. 1;149-152 **05.

Fractures of femoral condyle and of tible and their treatment, A.I. Surzhik, Travmatologila no. 1:198-206 '65.

mediate and late results of surgical treatment of medial fractures of the femoral nack with three-binded metal natl. L. N. l. Akunina, E I. Roitburt. Travmatologiia no. 1:164-186 +65.

Intrameduliary osteosynthesis with the use of shifted autotransplants. F. M. Bakulin - Traymatologiia no. 1 158-151 - 65

Late results of intraosseous fixation of finetures of the diaphysis of the fermer N,1 Gurgenidzi . Frudy Inst im N V Sklu. 7 303-305 $^{163}\,$

Late results of surgical osteosynthesis with a metallic sciew in medial fractures of the femoral neck, 1 Kacm. Trudy last im. N. V. 5klif. 7 316-323 163

Late results of surgical treatment of fractures of the diaphysis of the femus by intraosscous figation with a metallic rod L. I Tajrova Trudy Inst. un N. V Skilf 7 306-311 '63

late results of surgical treatment of trechantene fractures of the femur P. N. Petrov. Trudy Inst. im N.V. SPHF 1 311-310 163.

Results of surgical treatment of medial fractures of femoral neck, E A Savfel'd Traymatologila no 1. 193-196 '65,

Some data on the incidence of finctures of the femoral neck and their age-related localization, E.P. Pod-rushniak Traymatologia no. 1/190-192 465

Technique of closed introduction of the nail in medial fractures of the femoral neck, VI. Rozentsvit, Travmatologila no 1:187-189 '65

Treatment of fractures of the femoral neck and its late results. M.S. Novik, Travmatologita no 1:113-183 '65.

FEMUR—SURGERY

Surgical treatment of tuberculous trechenteritis Royinskii Soy med 26 no 3:52-54 Mr '53

FEMUR-TUBERCULOSIS

Surgical treatment of tuberculous trochanteritis M S Rovinskii Sov med 26 no 3,52-54 Mt 463

FENCING

Measuring speed and precision of forcing movements, Teor.; prak, fiz, kulit. 20 no 11:40-41 N 466.

FERGANA-GRAPES-VARIETIES

Grape varieties of the Fergana Valley, I. K. Akramov, Shor trud asp I mol much, son VIR no 2:229-232

FERGANA PROVINCE-TETRACORALLA, FOSSIL

New Visean Rugora from southern Ferguna | G 5 Kropacheva Pairont zhur no. 141-16 166

FERGANA VALLEY—GAS, NATURAL—GEOLOGY

Prospecting trends in Fergana Valley in the vents 1966-1970 P. K. Aztmov, V. I. Fgorov, I. A. Shmiley, Gool nefti i gaza 10 no 11:53-50 N 166.

FERGANA VALLEY—OIL FIELDS—EQUIPMENT AND SHIPPLIES

Experience in oil field automation of "Forgananeftegar"
Trust. G. A. Alidzbanov, S. A. Alekhin, Mash, i neft. obor. no, 9:36-40 466.

FERGANA VALLEY—PETROLEUM GEOLOGY

Prospecting trends in Forgona Volley in the years 1966-1970 P. K. Azimov, V. L. Egolov, I. A. Shmelev Gool-neft! i gaza 10 no 11;53-56 N '66.

FERGANA VALLEY-REMOTE CONTROL

Experience in oil field automation of "Forgananeftegaz"
Trust, G. A. Alidzhanov, S. A. Alekhin Mash, i neft. obor. no. 9:36-40 h6.

FERMENTATION

Experience in the fermentation of the intermediate products of beet-sugar production, A. I. Matchenko, F. B. Krishtul, A I. Skirstymonskii, Spirt, prom. 28 no.4:

FERM: ENRICO, 1901-1954

Latti, Pierre de, [Enrico Fermi, Translated from the French] Enriko Fermi, Moskya, Atomizdat, 1965. 146 p. ill (CU)

FERNS

Effect of X rays on spore germination and gametophyte development in fern (Pteris longifolia L.). I. N. Ver-khovskaia, A. I. Nefedova Radiobiologija 6 no. 5:741-718 66

FERNS---- GRAFTING

Vegetative propagation of two species of shield forms, IU.A. Kotukhov, Biul, Glav, bot, sada no 63,95-100 166,

FERRATES see Ferrites (Magnetic materials)

FERRIES

Results of an analysis of the ice-breaking capacity of ferrios. D.E Tamberg, Trudy LIVT no. 81 128-134

FERRITE CRYSTALS-GROWTH

Use of Verneuil's method in growing ferrite crystals in NIO - Fe₂O system S Sh Gendelev Rost krist 6-173-180 65³

FERRITES (MAGNETIC MATERIALS)

kosurcy, A.A. [Pulsed remagnetization of coupled fer-rules] Impulsance peremagnichenic strazannykh ferri-tus, Mo.osibirsł, Nauka, 1966. 65 p.

n. 24 the meaning 1900, 60 p.

1. mark the meaning the eight of ferromognetic resenting lim in ferrifer. E. E. Rulto, V. K. Illin. Let unlich zuv. radiotekh. 2 no. 3 610-615

Sonstational · delared reconssion of electromagnetic signils to territe with parametric tegeneration. I'l Lisoraku, (1 4 Monoso: Zhur eksp i teor fiz 51 no 5 1288-1291 til '66

Structural vacancies in the component ferrite-spinels B IA Sulliance for B G Alapin, B I Assertiod Data M 555R 171 no 2 359-362 N 566

FERRITES (MAGNETIC MATERIALS)—THERMAL PROPERTIES

The mal conductivity of territe-spinels in 300°-1000° K range . If I vishnet skif, w. h. Shrippik. The twen tela a no 7,2252-2254. 31. '64,

FERRICES (MAGNETIC MATERIALS)-THERMO-DYNAMICS

High temperature enthalm of nickel and cobalt for ites I. A Landin and others L.v M SSAR Neorg mat. 2 no 11 2050-2037 N '66

FERRITIN

Electron interoscopic method of studying viruses with help of foreith-labeled globulms— Isolation and characteristics of ferritin—IA G. Kishko, E. G. Mikhodov, N. 5 Pavitus—Vop virus—II no 5 565-598 S-O 666

FERROELECTRIC CRYSTALS

Crystallo-optical characteristics of some pronoclinic ferroelectric crystals, N R Ivanov, V.F. Zotov Kristallografita il no 6 924-926 N-D 166.

FERROELECTRIC SUBSTANCES

Automatic thermal stabilization effect in ferrites and Reignotoelectric substances GR Bogdanov 12v.

Collective excitations near points of second-bind phase transitions V G Vaks. V M Galifakii. A I Larbin Zhur eksp i teor fiz 51 no 5 1592-1609 N '66

Semiconductor characteristics of ferroelectric substances. G. M. Guro, I.I. Ivanchik, N.F. Kottoniuk. Pist wired. Zhut chapter iteoret for 5 no 19-12 Ja 167

FERROMAGNETIC RESONANCE

Ferromagnetic resonance in cobalt single crystals 1A S Shur. O 1 Shirineva Zhur eksp i teor fir 51 no 4: 1001-1008 O '68

Ferromagnetic resonance in presence of domain structure V I Dudlin, A I Pil'shchikov Fiz tver tela 8 no 7, 2182-2188 Jl '66

Nonstationary delayed reemission of electromagnetic signal by ferrite with parametric regeneration FV Lisovskii, IA & Moneso. Zhur ekspiteer fiz 51 no 5:1288-1291 N '86

FERROMAGNETISM

Automatic shift of magnetization curves and hysteresis loops. V A. Kadkin Avtometrila no. 3 53-55 '66.

Temperature behavior of impurity spins in ferromagnetic matrix IU A Iziumo, M V Medvedev Fiz tver tela 8 no 7 2117-2123 Jl 466

FEHROMANGANESE see subdivision under Kazakhatan

ferrosilicon—electrometallurgy

Making of 45% ferrositicon with briquetted charge. S.I. Khittili and others, Stal' 26 no. 12 1108-1109 D '66

Selecting oplimum composition of charges for making calcium-silicide G.S.Beliaev, B I Baliamov R.M. Fridianskii Stal' 26 no 12:1105-1107 D '66

FERTILIZATION (BIOLOGY)

Characteristics of sevual process in domestic bens. I.E. Novik Trudy Inst gen. no.28:188-175 162.

FERTILIZATION OF PLANTS (see also subdivision under Lenkoran' Lowland)

Quantity of pollen grains needed for the formation of a single seed in vine crops P.F. Kononkov. Trudy Inst. gen no. 26'46-52'62

Some observations on the anatomical and microchemical changes in the style of Gossypium hirsutum L. during fertilization. UV Ktinkvine. Shor trud.asp.i mol.nauch.sofr.VIR no 2 224-227 181

Study of the process of fertilization in various methods of core politication R. N. Shehedrina Trudy Inst. gen no 26 62-57 162.

FERTILIZER INDUSTRY

Emel'ianov, P.E. [This is dictated by life] Eto prodiktovano zhizn'iu. Moskva, Sovetskata Rosetta, 1966. 119 p. (InU)

PERTILIZER PLANTS-EQUIPMENT AND SUPPLIES sce subdivision under Dzhambul

FERTILIZERS AND MANURES

(see also subdivision under Kirghizistan)

Bambergs, K., ed. [Fertilizers] Meslosanns lidzekli. Riga, Liesam, 1986 288 p [In Letvian] (DNAL)

Effect of prolonged fertilization on Boil microfio, a development 17.5 Karpova, Mikrobiologiia 35 no 5 878-861

Preparation and use of peat manure at collective farms in Zhitomir Produce, 14, P boshelev Pochv. usl, 1 affect udob, on 1/165-173 [63].

Rapid electrochemical method for determining moisture in mineral fertilizers, \$1 Krychmat, K F Afendik, Khim, prom [Ukr | no 367-68 J1-5 82

Use of humic fertilizers made from brown coal. N. A. Gerebuk Pochy usl i effek udob, no 1 162-165 163

Use of ion exchangers for the improvement of the by all other test properties of fer thizers and soil V.P. Batuh, K. V.Denjsova Khim prom [Uki] no. 3 11-44 Ji-5 162.

Ways for increasing the fertility of Chernozem soils and the efficient use of fertilizers E I Shkonde Agrokhi-mia no 12 144-148 D tob

FERTILIZERS AND MANURES-CRUSHING AND GRIND-

Crusher for mineral fer filizers of a drum-toothed type E.I. Dondze, A G.Checherashvili "Dudy GHUZNIMI" - SKHa 8 no 2 89-98 '62

FERTILIZERS AND MANURES-HANDLING

Effectiveness of the methods of delivery and placement of fertilizers N T Konjaev, A, I, Cherkasskii Zamledelic 28 no 11;38~42 N '56

FERTILIZERS AND MANURES-PRESERVATION AND STORAGE

Study of resistance of concrete and reinforced concrete structural elements of mineral fertilizer storage bins. A P. Chekhov, V.P. Mitrokhin, Izv. vys. ucheb. 7av., stroi. I arkhit, 9 no. 9:67-71 '86.

FERTILIZERS AND MANURES—RESEARCH

Conference on programs and methods of the participants of the Geographical Network of Experiments with Fertildrers (1866) A K Sclavit Agrochimita no. 12 141-144 D 186.

FERTILIZERS AND MANURES-TRANSPORTATION

Transportation service for mineral fertilizer plants, K.F. Druzhinin and others, Zhel, dor transp. 48 no. 10 73-76 O 166.

FETAL MEMBRANES

Management of pregnancy in disturbed integrity of the fetal sec L V Poz Sov med 26 no 3:61-65 Mr '63

FETUS

Bodiazhina, V.I., ed. [Essays on the physiology of the fetus and the newborn infant] Ocherki po fiziologii ploda i novoi ozhdennogo. Moskva, Meditsina, 1966. 310 p. (DNLM)

Transplacental (passive) transfer of plague untibodies to the progeny of greater gerbils M. I. Levi. IU. G. Suchkov Bhil eksp biol i med. 55 no.6;88-91 Je '63.

FETUS-DISEASES

Virological study of the importance of respiratory virus infections in mothers for the pathology of fetus and newborn child V V. Ritova and others. Vop virus II no 5:630-664 N-D '66

FETUS, DEATH OF

Embryonal moriality, W. Baier, Veterinariia 43 no. 12:69-71 D *65.

FETUS, EFFECT OF RADIATION ON

Transition of Sr90 into the progeny of rais following a single intra-abdominst administration, M. A. Levchenko, IU. D. Partenov. Me . rad. 7 no. 8:74-78 Ag 162

FEUDALISM see subdivision under France: Latvia

Various pathogenetic mechanisms of the pyretic reaction under the effect of streptococcal antigens. V. I. Pytskii. Biul.eksp biol i med. 55 no 5:69-73 My '63.

FEVER THERAPY

Compound treatment of pseriosis with pyrothorapy, auto-hemotherapy and use of taked blood. N. N. Ter-Kara-petiants Sov. med. 29 no.12:40-41 D 168

FIBER GLASS BOATS

Analizing the weight indices of fiber glass boats. 1. A. Gunn, V M Tengler, Trudy LiVT no. 82 90-95 185, Kozhushniak, A. I., L.S. Rakhman, and IV. V. Maksimov.

[Construction of plastic boats] Posirolka plastmassovo-

go sudna. Leningrad, Sudostroenie, 1988. 170 p.

FIBER GLASS REINFORCED PLASTICS are Glass reinforced plastics

FIBERBOARD

Decommic effectiveness of the use of particle and fiberboards, 19, 2 Vorolnikov, E. S. Gukhman, Der, prom, 15 no 12 16-17 D '66.

Dependence of X-ray diffraction pattern of fibrous ma-Rezirganian, IU A Rapian - Iv AN Arm 558, ! [... no 3 133-146 166

no 133-140 '00' Preparation of graft copolymers. Part II: Grafting of vinyl monomers into alla and wool. V V Korsh d., k. K. Mozgova, IU V. Egorova. Vytokom, seed. 4 no 14331-1638 N '63.

X-ray diffraction in clongated three-dimensional air actures (fibrous substances), P. A. Bertiganian, Bi. A. Repian - Izy An Arm SSR 142 - 1 no 1237-217 166

FIBRIN—THERAPEUTIC USE

Use of fibrin film with phytoncides in burns, V.M. Korotkov, Travmatologis no. 1-153-157 '65.

FIBRINASE—ANALYSIS

Microdetermination of the mass activity. Zh.N.lh.kaztn-kova, S.S.Khaychev. Lah, delo no.1:26-27 '67

Prophylactic effect of thermostable predicts of fibrinogen resolution during experimental thrombogenesis. B. A. Kudrisshov, I. P. Baskova, T. B. Kovaleva. Vop med. khim. 12 no.6,591-501 N-D '66

Simplified method for the determination of fibringer in the plasma during toyocardial inferest and stenocardia. Azerb, med, yhur — 10—no, 3 43~40—Mr.—183.

FIBROBLASTS

Advanding raphic study of mitotic cycle in normal fibroblast culture of mite, L, V, Er ofeeva. Asitologica no 5:609-016 S-O 166

Methods of obtaining cloud cette from transplantable cultures on primary culture of human embryo fibro blusts 12 Andonov, S Dandarov Vop virus It 110, 5 616-617 S-O 166

(DNAL)

FIELD CROPS (see also subdivision under Kraunodar Territory) Belorusskii nauchno-issledovatel'skii institut zemiodellin.

[Breeding and seed production of field crops] Sciekislis i semenovodatvo polevykh kultur. Minsk, Urozhai, 1905. 377 p.

Morozov, V. K., ed. [Manual on the field testing of field crops in the southenst] Rukovodstvo po aprobatesi polovykh kul'tur na lugo-Vostoke. 5., perer, 17d, Saratov, Privotzhskoc knizimoc 12d-vo, 1966, 214 p. (DNAL)

FIELD CROPS—DRYING

Characteristics of the performance of corn dryers in drying grain and seeds of various crops, V. Ukolov Muk, -elev. prom. 32 no 11 28-29 N *66

FIELD CROPS—FERTILIZERS AND MANURES (see also subdivision under Chavashin; Polesye)

Crop rotations and the increase of the effectiveness of fertilizers. A. F. Danilevskii Zemledelie 28 no 11: 36-37 N 186.

Effect of epidote and chiorite schists as fertilizers on farm crups. O. A. Kominat, Pochy usi, l effek, adob. no. 1;148-165 *63.

PIELD MICE

ee also subdivision under Kirghizistan; Russia, (see a.... Northern)

Some data on tumors in votes of the genus Laguus, E. E. Pogosiants, G. M. Platonova, N. I. Bolonina, Vop. onk, 12 no.12 47-51 '66.

PIELD THEORY

Condition for correct interpolation of generalized uniform random field O. I Ponomarcako Dop. AN URSR no lit 1400-1402 '86.

FIGURE DRAWING

Create for the people! A. Refregier. Inkussive, 39 no. 11:18-19 '66,

FILICHAKOV, PAVEL FEODOS'EVICH, 1916-

Pavel Feedos'evich Fil'chakov; on his 50th birthday, A. IU. Isblinskii and others, Ukr. mat. zhur, 10 no, 6:07-101 166,

FILES AND RASPA

Design of forging rolls for file forging, G. I. Mellakh. [Nauch trudy] ENIKMASha no. 14:11-15 166.

FILLERS (CHEMICAL TECHNOLOGY)

Effect of fillers on properties of polymethylphenyl-stlovane lacquer K-47. V.IA, Kruglitskein, A.A. Pa-shchenko, A.M. Kazanovich, Ukr. khim, 2hur, 32 no. 12:1346-1351 '60.

Interaction of latexes with fillers. Part 1: Effect of the nteraction of tatoxes with filters. Part 1: Effect of the nature of latex protective substance on colloidal-chemical properties of carbon black-latex mixtures. E.A. Aleksandrova, D.M. Sandomirskii, B.A. Dogadkin. Koll. zhur. 28 no. 6,781-786 N-D 186.

FILLERS (CHEMICAL TECHNOLOGY) (Continued)

Malyldenum disulfide and graphite as fillers for polyorganosilovanes. R 1, kobzova and others. khim, I tekh topi, i masel. 11 no. 1150-51 N '66.

Properties of filled polymers Part 2: Combined effect of fillers and softeners on polyisobulylene properties R.I Fel'dman, E.G. Fedosceva, S.I Sokolov, Koll zhur 28 no 6 888-893 N-D '66

FILM ADAPTATIONS

Manevich, I.M. [Motion pictures and literature] Kino i literatura. Moskva, Iskusstvo, 1966. 239 p.

FILM COEFFICIENTS (PHYSICS)

Determining pressure loss during film regime in annular pipes Ch S Guseinov Azerb neft khoz 45 no 9. pipes Ch S 26-29 S '66

FILMS (CHEMISTRY)

Anisoti opy of heat conductivity of oriented polymer films G. L. Slonimskii, T. A. Dikareva, V. I. Pavlov. Vysolom soed 8 no 10:1717-1720 O '66

Nature of figuld films on semi immersed electrodes, IU. A. Chizmadzhev. V S. Markin. Elektrokhimita 2 no. 11:1360-1362 N '66

Process of deposition of tin and silicon films from their organic compounds under the effect of election ray B.A.Vishniakov, K.A.Osipov, P.P.Otopkov. Izv AN SSSR.Neorg mat 2 no.12 2231-2236 D '66

FILMSTRIPS

Movies of the "Diafilim" studio, Agitator 34 no 23-60

FILOFEI

On the history of the origin of the theory "Moscow, the third Rome", concerning N. E. Andreev's article "Filo-fer and his epistle to Ivan Vasil'evich N. N. Maslennikova. Trudy ODRL 18,569-582 162

FILTER THEORY

Optimal filtration of nonlinear functionals from gaussian processes. N. M. Vorob'ev, G. S. Medvedev. Avtom, i telem. no. 11:19-23 466.

Problems of synthesis of one class of optimal nonlinear filters. O N. Kiselev, IU. S Popkov. Avtom, i telem. no. 11:29-36 '66.

Rising of a signal above noise in filtration of elementary radio signals with phase keying, V M Karshin Dick-trosviaz' 20 no.120-14 D '66.

FILTERS AND FILTRATION

Altering the rules for the selection of return filters subjected to pulsation pressure A, P, Voshchinin, M.P. Malyshev. Trudy Gidroproekta no 7:108-115 162

Dewatering from one concentrates by automatic filter-gresses. I.N. Khersonets. E.E. Boguslavskil, B.V. Gishchuk. Obog. aud 11 no. 3:27-30 166.

Increasing the efficiency of filtration of finely crushed magnetite concentrates V. A Chumakov and others Gor zhur no 12:54 D |66

Instrument for determining flow velocities and the permeability of the soils forming the bottom of water reservoirs, natural waters, and rivers (filter-meter). V. M. Nasberg, A. I. Khei kheulidee, Trudy Lab, inzh V. M Nasberg, A I. Kherkheutidze, Tr gidrageot, VODGEO no. 4:132-141 162.

Kuz'min, IU.M. [Gauzes in water-purifying structures; practical recommendations] Setchatye ustanovki v vodoochisinykh sooruzhenilakh; makiteheskie rekomendatsii. Leningrad, Strolizdat, 1966. 130 p. Sand control strainer screens of insertion and tube type.

O. Kh. Guseinov. Nefteprom delo no. 11:23-26 '66. Use of chemically stable fibers for the filtration of suspensions in soda manufacture. A. I. Postoi onko, A. P. Belenko Khim. prom. Ukr. no. 6:57-59 N-D 166.

Use of synthetic fibers as material for bag filters in carbon black factories. M.M. Zaitsev and others. Kauch, 1 rez. 21 no. 6,33-36 Je 162.

FINANCE

(see also subdivision under Estonia; Great Britain; Krasnodar Territory; Moscow; Tatar A.S.S.R.)

Allakhverdian, D.A. [Financial planning in the U.S.S.R.] Financovoe planirovanie v SSSR, Moskva, Finansy, 1966. 213 p.

Economic atimutation and complete business accounting in industry. D. Allashverdian. Fin. SSSR 40 no. 11: 27-39 N *66.

A fuller mobilization of potentialities is a task for every financial organ, V. Dementsev, Fin, SSSR 40 no. 11; 3-10 N 166.

On the threshold of the second year of the five-year plan.
Den. 1 kred. 24 no 12:3-6 D '66
Problems of business accounting in the system of optimal planning. P.G. Bunich. Ekon. 1 mat. metod.
2 no. 6:601-807 N-D '66.
Role of finance in merging of the two forms of socialist property. E. Danielian. Trudy Ekon. fak. Kir. gos, un. no. 1:146-164 '64.

FINANCIAL EMPLOYEES

In the Collegium of the Ministry of Finance of the U.S.S.R. Fin. SSSR 40 no. 11:96-97 N '86.

FINGERS-DISEASES

Splint for the development of movements in finger joints. 10 IU kolontal. Travmatologila no. 1:237-238 '65

FINISHES AND FINISHING

For successful mastery of new finishing materials. V. Dzhogan, L. Zimina. Na Stroi. Ros. 7 no. II-13

FINNO-UGRIC STUDIES

The Second Conference of the History, Economy, Languages, and Literatures of Scandinavian countries and Finland Sied scha no 29 322-323 465

FIRE DEPARTMENTS-EQUIPMENT AND SUPPLIES

[Fire engines and fire-lighting equipment] Pozharnye mashiny i protivopozharnoe oborudovanie. [By] N. B. Kashcheev i dr. Moskva, Stroitzdat, 1966. 310 p.

[Fire engines and fire-fighting equipment] Pozharnye mashiny i protivopozharnoe oborudovanie. [By] N. B. Kashcheev i di Moskva, Strolizdat, 1966. 310 p

FIRE PREVENTION-LAWS AND REGULATIONS

Mikecv, A.K., I.D.Rassadkin, and M.IA, Rolliman. [Manual on the establishing of technical norms] Posobio po normativno-technicheskol rabote, Izd. 2., perer. Moskva, Stroitzdat, 1866. 117 p.

FISH, CANNED

Use of laurel preparations in canned fish production, V G. Ptuidze, N A Kckelidze Ryb, khoz. 42 no. 11. 67-68 186.

Use of polyethylene films for storing frozen herring E Platonova Ryb. khoz 42 no 11 62-63 *66,

Seesoning of salt Atlantic harring, L.P. Minder, M.P. Sedunov, Trudy PINRO no. 13 92-101 '62.

FISIL SMOKED

Carchagenic substances, in particular 3, 4-benzopyrene, in smoved products and measures for their removal, L. M. Shabad. Vest. AMN SSSR 15 no. 12:22-27 160.

Content of 3, 4-benzopyrene in smoked Baltic herring and in the smoke in various methods of smoking. Vop. onk, 9 no 3:53-59 '63,

FISH CULTURE

(see also subdivision under Black Sea; Murmansk Province)

Advanced methods of pend fish culture. Inform. biul. VDNKII no. 8:16-17 Ag '62

FISH INTRODUCTION

(see also subdivision under Siberia)

Introduction of genus Oncor hynchus salmon into Barents and White Sens. L. A Galkina Trudy MMBI no 12,192-202 '66

Use of fish screens at the intakes of irrigation pumping systems A.V. Podlasov, V.S. Kukhtin, O.I. Egorov, Gldr.i mel 18 no. 17 30-35 D 166

FISH TAGGING

Migration of Coregonus automalis Pall, in Lake Balkal according to tagging data K. I. Musharin, N. V. Tiumentsev Izv. Biol. - geog. nauch, -1991, Irk. un. 19 no. 1/2-50-81 '65.

FISH TRAPS

Catching capacity of a trap. V A Ionas, Ryb. khor 42 no. 11:58-59 166.

FISHERIES (see also subdivision under Atlantic Ocean; Labaz, Lake; Sakhalin)

Suchkov, A.I. [Mastering the blue virgin land] Osvoonie goluboi tselfny. Moskva, Pishchevaia promyshl., 1985, 112 p. (WaU)

FISHERIES-BIBLIOGRAPHY see Bibliography-Fisheries

FISHERIES-ECONOMIC ASPECTS

Output, profits and rentability as main indices of industrial production. I D Miazin. Ryb. khoz. 42 no. 11:76-77 '66.

Readiness for the transition to new working conditions, E. A. Odinets, Ryb. khoz. 42 no. 11:69-70 166

FISHERIES-FINANCE

Determine correctly the yield of capital assets. I M Collidman. Ryb. khoz. 42 no. 11:74-75 166.

FISHERIES-MANAGEMEN'T

Malorova, S.A., and N.RSysoev. [Management and plan-ning in the fishing industry of the U.S.S.R.] Upravionie i planirovanie v rybnoi promyshiennosti SSSR. Moskva, Pishchevaia promyshi., 1966. 75 p.

FISHERIES-RESEARCH

Theoretical formula of mass servicing applied to commercial fisheries E P Novozhilov Rub Phoz no 11 82-83 166

What the scientists of the Polar Scientific Research Institute of Fisherics and Oceanography are doing A A Alekseev Ryb khoz 42 no 11 2-3 166

FISHERY LAW AND LEGISLATION

International relations Ryb Phoz 42 no 11-90-91 166,

(see also subdivision under Severnava Sos'va River)

Using Soviet bathy-caphes for the observations of com-moretal fishes ON Kiseley. Trudy Okenn kom 14:123-126 '62,

Viviparous fishes, V 1 Remizov, Priroda 55 no.12-92-91 166

FISHES-BEHAVIOR

Characteristics of the approach of young freshwater fishes to artificial light source II Girso, T S Leshcheva Zool zhur 15 no it:1686-1691 166

FISHES-DISEASES AND PESTS

of C¹⁴. G D. Goncharov, V I Romanenko, V R Mikria-kov. Dokl AN SSSR 171 no 5-1237-1240 D '66

FISHES-EGGS

New wet method of insemination of vimba eggs, E N Smirnova, S S Kuzimina Ryb khoz, 42 no. 11 24-26

FISHES-EMBRYOLOGY see Embryology-Fishes

FISHES-FOOD

(see also subdivision under Ivano-Arakhleyskiy region, Chita Province; Moldavia; Ob' Bay)

Fall and winter feeding habits of migratory whitenshes in Lens River V.V Kurnetsov, E.N Aleksandrova Vest Mosk un Ser, 6. Biol., pochv. 21 no. 4 43-48 Ji-Ag 166

Feeding habits of grayling in Irbutsk Rescreoir. Tugarina, E S. Gomeniuk, Izv. Biol. -geog. nauch. -is4). inst, Irk un 18 no 1/2,70-83 '65.

I certing habits of minnow Phovinus phovinus (L.) in Balkal basin and Irkutsk Reservoir. P. 14. Tugarina, N. L., Antipova, L. A., Rostovtseva, Izv. Biol., geog-nauch -issl, Inst. Irk. un. 18. no. 1/2 64-101 105

Feeding habits of the black Balkal grayling (Thymalius arcticus) in the southern part of Lake Balkal P IA Tugarina Izv Vost. -Sib. old Geog ob-va SSSR 60 101-

Seasonal and age-related characteristics of feeding incluits of roach (Ruttlus utilus lacustris Pall.) in Lake Shaksha, V.N.Kuz'mich. 17v. Biol -geog. nauch. -tssl inst. irk. un. 18 no.1/2 108-117 '65.

FISHES-MIGRATION

Migration of Coregorus autumnatis Pall, in Lave Baikal according to tagging data, K.I. Misharin, N.V. Tiumentsev. [2v, Biol -geog nauch, -issl.lik un, 10 no.1/2:50-61 *65

FISHES-PARASITES see Parasites-Fishes

FISHES-PHYSIOLOGY

Some biochemical characteristics of maturation dynamics of gonads in various fish species L I. Sokolov, M I Shatunuvskii, k V Shust. Vont Mosk un. Ser 6 Biol., pecky. 21 no 4.26-34 Jl-Ag *66

FISHES, DEEP-SEA

Ocean in service of man. D.G. Cushing. Priroda 55 no. 12:28-33 '66.

FISHES, FRESHWATER see subdivision under Kam-

FISHING-EQUIPMENT AND SUPPLIES

Basic methods of determining the economic efficiency of new technology and mechanization in trawling and drift net fishing, L.S. Nikol'skii Trudy PINRO no.13 50-63 162.

Suchkov, A.I. [Mastering the blue virgin land] Osvoenie golubol tselfny, Moskva, Pishchevata promyshl., 1965. goi... 112 p. (WaU)

FISHING BOATS

Put in order business accounting in fishing fleet, A. Igol-kin. Ryb. khoz. 42 no. 11 78-78 168.

FISHING BOATS-EQUIPMENT AND SUPPLIES

Management of serial floating fish factories of "Andrei Zakharov" type. S. G. Luk'ianov Ryb. khoz. 42 no. 11-41-43 | 66,

FISHING BOATS-HYDRODYNAMICS

Effect of basic characteristics of the outline form of fishing ships on resistance, S. N. Krasnopol[†]skil. Trudy Kal, tekh, inst. ryb. prom. | 15:78-105 | *62

FISHING BOATS-MAINTENANCE AND REPAIR

Fishing Boars—Mary I make to the Assessment Butman, B.S. [Organizing the repair of mass-produced fishing boats] Organizatsia remonta serlinykh rybopromyslovykh sudov. Moskva, Pishchevala promyshlennost', 1966, 78 p.

FISHING NETS

Use of synthetic materials in manufacturing drift nets V/I Tolin to help V/I Vinolutor. Rub Phor. 42 no 52-54 $^{1}66$ 49 no 11

FISHPONDS see subdivision under Utraine

Surgical treatment or tisfulo istorm of tuberculo is courts. N.N. Buniato: Aleib med zhui 40 no 4 73-79. Vp. 63

Umbilical iistulas in children S.D. Lemi cranstera Azerb med zhur no 7 37-40 H 162

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Casuistics of a spontaneously formed duodenal-biller, fistula difficult to diagnose R N Ragimo excibing no 7-50-61 Jl 4-2

FISTULA, GASTRIC

Chronic gastric fistula for rats N N Lebedev and others Birl eksp biol i med 55 no 6:111-113 Je '63 Gastric and colonic fistulas N Elanel ii Trudy Inst

im N V Silif 7 76-81 163

Gastroenter ocolie fistula and its surgical freatment D Arapov. N.S Vteshev Khirurgia 39 no 2 124-129

FISTULA, INTESTINAL

Casulatice of a spontaneously formed duodenal-billary fistula difficult to diagnose R. N. Ragimo Vzerb zhur no 7:59-61 J1 '62

Gastric and colonic fistulas N.N. Elanskii. Trudy Inst ım. N V Sklif 7 76-81 '53

Gastro-nierocolic fistula and its surgical treatment. D. A. Arapov. N. S. Viesher Khirurgila. 39 no 2:124-129 F. 163

FLAGELLATA see subdivision under Nakhichevan A.S.S.R.

FLAME

Studying normal flame velocity of methans-an mixtures at high pressures VS Babkin, 1.5 Kozachenko Fiz goi 1 vzryva no 3.77-86 '66

Use of photoelectric method in studying flame turbulence, I L haznetsov and others Dokl INSSSR 171 no 2 327-330 N 166

FLAME HARDENING

Organization of repair of equipment for flame working of metals E L. Zhilin, V E Krivento, Mont i spets rab v stroi 28 no.12 23-24 D 166

FLAME PHOTOMETRY

Absorption flame photometric method for the determination of lithium. IU V Zeliukova, 71 P Nibonova, N S, Poluektov Zhur, anal khim 21 no.12 1409-1413 '66

Policektov Zauranai kimi 21 10.12 Problem 3 00 Elliminating photocell instability in flame photometers, T.E. Sergeeva. Stek i ker 23 no 11 27-28 N '66 Use of phenomena related to the kinetics of ionization of alkair metals in the flame photometric method of analysis. S B. Meshkova, N.S. Poliubitar, M.P. Nikonova, Zhur anal, khim, 21 no 11 1293-1299 166

FLAUBERT, GUSTAVE, 1821-1880

Bibliomaniaes (to be concluded). Gustave Flaubert, V mire knig 6 no 11 44-45 N '66

Bibliomaniaes (conclusion). Gustave Flaubert. V mire knig 6 no 12 38-10 D 166.

FLAVAN

Analysis of a mixture of hydrogenolysis products of 21-hydroxy-2, 4-4, 7,41-pentamethylflavan by means of gas chromatography A S Leshchine, T, A Rudolth, V,I, Lushchik Trady VNIISNDV no 7161-155-155.

Differentiation of flavone glycosides and tannic substances in Tanacetum pseudoachtilea L T Shipilov-skaia, R, L Khazanovich Apt delo 12 no 1:31-33 Ja-F '83

FLAVONOIDS

Glyphold, a new flavonoid glycoside of Glycyrrhiza glabra L V I. Litvinenko Rast res 2 no 4:531-536 '68

Use of solar radiation in fiber flax fields, V. D Baranov, Trudy Un, druzh, nar. 14 Sel'khoz, nauki no. 1.95-104

FLAX—FERTHLIZERS AND MANURES

Effect of the conditions of nutrition on the growth of flax and the yield and quality of its fibers R. V Zaitseva. Shor trud asp, f mol. nauch, sotr VIR no 2,219-224

FLAX-STORAGE

Mechanization of loading and unloading operations and warehouse work in the flax industry. A. A. Mikheev, Z. F. Petrov, Tekst. prom 26 no. 12 56-58 D 166

FLAX-TRANSPORTATION

Mechanization of loading and unloading operations and warehouse work in the flav industry A.A. Mikhaev, Z.F. Petrov. Tekst. prom 26 no. 12:56-58 D 566.

FLAX SPINNING

Deformation of a drawn flav silver in the grio delivery tolls of the draying machine under various pressures
1.1 Felman Liv vys ucheb, zav ,tekh tekst prom
no 547-52 '66

FLAX SPINNING-EQUIPMENT AND SUPPLIES

Kirillov, L.N. [Ring Spinning machines for flay] Kol'tse-vye priadit'nye mashiny dlia 1'na Moskva, Legkaia in-dustrila, 1966 274 p

FLEAS

Accelerated method of parasitological inspection of the holes of redents IV Morozova Printy Gos nauch issi protivochum inst 16:293-295 59 Prudy Gos nauch -

FLEAS-EXTERMINATION

Computative to steely of tome menofluoro-containing angine fitty compounds for first E-V Avideva, N-M Dai elist the Vest Most in Set 6 Brot, pech 21 no 1 19-53 Jl-Ag 46

(see also subdivision under Ashlanbad)

Method of determining the state of the pupae of Musca domestica vicina Macg. L.IA Ilriashenko, E.F. Gudzhei Med paraz i paraz, bol. 31 no 5617-618 5-0 '62.

FLIES-EXTERMINATION

Temperature optimum of the activity of some species of synanthropous flies N.A Tamarina, V.F. Zhelezova, Med. paraz, i paraz bol. 31 no 5 593-509 S-O '62

Use of chlorophos in fly control. D. P. Genis, Med. paraz i paraz bol 31 no. 5 620-622 S-O '62,

FLIES AS CARRIERS OF DISEASE

Rôle of the house fly (Musca domestics L.) in the distribution of the eggs of helminths and the cysts of intestinal protozons V.G. Fedorov. Med paraz i paraz bol. 31 no 5 618-620 S-O '62

FLINT see subdivision under Dniester Valley

FLOATING CRANES see subdivision under Caspian Sea

FLOOD FORECASTING see subdivision under Transcaucasia; West Siberian Plain

FLOOR COVERINGS-SOUNDPROOFING

Calculation of impact-noise insulation of rolled floor coverings. V. Zaborov and others. Zhil, stroi coverings, V.

FLOORS, CONCRETE

Use of multi hollowed sections for flooring with hinged cantilever joining S Kligerman Zhil, stroi, no 10:

Effect of porosity of iton-containing minerals on their floatability, O.S. Rogdanov, N.S. Mikhailova, Obog, and 11 no. 3,19-22 '66.

Plow sheet for the treatment of arsente-containing nickel-cohait ores. I ! Grosman, A. A. Abramov, P. M. Periov. Obog. rud 11 no d;12-15 '66

Introduction of a new reagent in the coal preparation plant of the Kommunarsk Coke and Coal Chemicals Plant, M. IA, Bel'chikov, G. A, Mamchits. Koke i rhim, no. 6,8-10 '62,

Processing flotation results by methods of mathematical statistics. V Z Kozin and others. Obog. rud 11 no. 3;30-33 '66.

Rapid method of determining elementary sulfur content in the solid phase of a flotation pulp from native sulfur ores V A. Kremer, L A Zatuchana, M P. Kolo-diazhnyi Khim, prom Ubr. no. 6 55-57 N-D 166.

Use of oxidized recycle for flotation of carbonates from Chalaktan ores, D I Kogan, Sh. A. Marhmutov, V. A. Rychagov Khim prom. 42 no. 12:913-915 D 166.

FLOTATION-EQUIPMENT AND SUPPLIES

Characteristics of pulp-lifting floiation machines. L.IA. Shestakov. Obog and 11 no 3 25-27 '66

Copper suffice method of separating collective molybdenite-containing concentrates. L. A koneva-Strell-skaia, Ohog, and II no. 3:9-12 '66.

Depressant action of solium silicoliuoride in flointion of nephetine ores, G. F. Susiikov, V. E. Potapenko, Obog. rud 11 no. 3,15-18 '66.

Ultrasonic emulsification of oleic acid, tall off, and ANP-2 in ore-dressing plants A, A, Baishulakov and others Gor zhuu no 12:51-53 D '66.

FLOUR INDUSTRY-HYGIENIC ASPECTS

Galkina, K.A., and A.S.Slutsker. [Occupational hygione in flour mills] Giglena truda na mukomol'nykh pred-prilatitakh. Moskva, Meditsina, 1986 29 p. (Nauch-no-popullarna ia meditsinskala literatura)

FLOUR INDUSTRY—MANAGEMENT see subdivision under Franze

FLOUR INDUSTRY-TECHNOLOGICAL INNOVATIONS Search and proposals of efficiency promoters

M Kvetnyi Muk -electron 32 no 1111-15 2011

FLOUR MILLS see subdivision under Astrakhan. Franze; Kishinev; Moscow; Ossetia, North; Vladimir Province

FLOWERING OF PLANTS see Plants, Flowering of

Efficiency of using the heat of the flue gases of industrial boiler evetems, N. P. Kariagin, Prom. (nerg., 1/no. 1:9-12 Ja '61.

FLUID DYNAMICS

Effect of gravitational and surface forces on the flor 1 to factor of external cylindrical futtings. Z. Lea lieu, 10 A Skobel tsyn Neit, khoz 11 no 0,65-67 S (6.1)

Heal transfer and resistance of checkboard hundles of pipes in a transverse flow. A. A. Zukanakas, A. A. Sliangauskas, Tephoenergetika 6 no 2/12 7/1 | 201

International symposium on processes of the trainles of physical characteristics in fluid and gas flows, V.E. Nikolaevskii, Prikl, mekh, 2 no. 11:142 MJ 366,

Mechanism of the interaction of sollds with vincous fluid under laminar conditions, S, M. Isanki e, A, M. Gusparian. Izv, AN Arm. SSR Ser, tekh mank 19, 100.

Ranque effect at low pressures. V. S. Martsnotolli, A. M. Voitko, Teplornergetika 8 no. 2;80 ff 1 ht.

Using resonance method in measuring shear clanta [t., r] laids and their boundary layers. U. D. Bazeron, H. V. Deriegin, A. V. Bulgadaev. Zhur ekep titem [t., v] no 4 %69-992. O %6.

Vibrations of two cylindrical eccentrically arranged above in inviscid liquid flow. H. M. Bulvol., O. M. Phy. Ch., AN URSR. no 11:1442-1415. %66.

FLUIDIZATION

Pifect of inhomogeneity of fluidired hed on the over all rate of catalytic reactions. O M Todos. Doll Ab-55SR 171 no 2 410-414 N 466

Study of theying of some crystalline adorous substances in a fluidized bed. A. D. Ogarev, T. A. Kranolistra. 3. Krytova. Trudy V NIISNOV. no. 7-124-129. 165.

FLUORESCEIN

Use of isothiocyanaifluorescein for antibody inbellion.
M. M. Ogievetskaia-Piehcherinn and othera. Tec. 45. SSSR Ser, blot, no Jelit-141 My-Je '63,

FLUORESCENCE

Determination of the localization of muscle proteins in isolated myoffbrils with the flurous can authorly net of G. M. Frank and others. Biofizika 8, no 5,569-74, 9,3 Polarization fluorest ence spectra of phycocrythrin 1 4 Chernitskii, S V Koney Biofizika 0 no 5 561 a 5 t

Polarization of the fluorescence of crystals of philipped to derivatives, A.M. Sarzhevskii Dakl, AN 1998 no 9:550-559 S '62,

Spectral and photochemical characteristics of protected aophyll pigments in model nystems, A A, kromes oat M. I. Bystrova. Biokhimita 27 no. 5:056-266 5-62 (6)

Study of the structure of allocatine N-oxides by locates of electron and luminescent spectroscopy V. N. H. (c. covskii, Zh. I. Akselttod, Dokl. AN 555R 17 no. 5 1101-1104 D 56.

FLUORESCENCE MICROSCOPY

Effectiveness of fluorencence and phase content has terressorie diagnosis of theoretics in K. Tsellar for, E. V. Shmalif. Zhar mikrobiol, epid i immun. 33 no 5 lot 107 Jc. 462

Fluorescence microscopy indices of the sensibility critiq of cancer of the cervix utent to it radiation, 1. J., Valler, Vop onk. 12 no 11:67-70 (66,

Fluorescence into oscopy study of the enrity magen of a perimental myocardial infact. V. S. Kondanter, E. Lushnikov Bini okup biol i med 55 no 6:10:110

Phase and fluorescent microscopy of cellular acrepant elements from sections of breast fibroadenon dosts A N. Mel'nik, Klin, onk, no 144-150 185

FLUORESCENT ANTIBODY TECHNIQUE

Discovery of Franciscalla tulm ensis in Don marcintor marginatus Sulz organism by luminascence microscip, method V. G. Patrov. E. V. Ananova. Zool zinn. 45 no. ll;1012-1016. 106

Immunofluorescence mathed for detecting antigen in ther cells of infectious he patitis patients E. Vop visus 11 no 6:075-680 N-D '66-E. S. Kettlarize

Immunofluorescence method for detecting connecte VI virus in smears 6 orn organs of anally infected newler cotton rats N.A Zeitlenck, N.V. Ovstannikova M.M. Goldfan b. Vop. virus, 11 no 5,550-564 S-O 156 M 31

Use of monoreceptor sera in the indirect fluorescent antibody method for the differentiation of Brancia species, M.A. Chernysheva and others. Vetes instituted as no. 11:18-19 N *06.

43 no. 1116-40 r. 100.
Use of smean -imprint technique in immunofinorescent detection of tick-borne encophalitis virus in white n t. 10 brain T I Dzhivanian, A. I. IAkovlev Vop virus H no 8:746-748 N-D '66

FLUORESCENT LAMPS

Rehability of the firing of fluorescent lamps in station-less actions V Rethier Syctoteklinika 13 no 1 4-7 Ja 267

FLUORESCENT LAMPS—RELIABILITY

formulation of a problem in the development of methods to high-speed determination of life of fluorescent Longs EV Ditakonova, F I Mil, N V Rozhkova 5 endekhnika 13 no 18-12 Ja ¹⁶⁷

FLUORESCENT LIGHTING

Small-sized start regulating apparatus for light fixtures for dwellings and public buildings. Syctote/shuka 13 10 1.34 Ja 167

Use of nonscalat values in the design of start regulating apparatus E. I. Afanasieva Svetotekhnika 13 no 1-17-19 Ja 167

FLUORIDES

Flantides with high exidizing capacity and their use in the preparation of organishion inc compounds N.1. Gubkina, S.V. Sokolov, E.I. Krylov Usp Film 35 ro 12 2319-2242 D '66

Fusibility diagrams of busing systems NaF - 11fF₄ and KF - 11ff₄, L. N. Sheiko, V. T. Mal⁽¹⁾sev, G. A. Bukhalova, Uki khim, zhin - 32 no. 12 1292-1295 ¹66.

Quantitative separation of niobium from fluoride solutions, A.I. Ponomarev, IU I Bylovskaia, Zhui anal khim 21 no 12 1427-1439 166.

FLUORINE

Putification of fluorine-containing sewage resulting from the smelting of fluxes, IU S Khailovich, V 17.7 ma-senso Vad., Jan., gith. soot. no. 177-81 166

FLUORINE COMPOUNDS

Pressure of dissociation of strontium fluoroberillate. V.Novoselova, F.Sh Muratov, L.P. Reshetnikova Vest Mosk un, Ser 2 Khim 17 no. 5 36-37 S-O '62

FLUORSPAR see subdivision under Chatkal Range region; Transbaikalia

FLUORSPAR CRYSTALS-OPTICAL PROPERTIES

Physicochemical theory of optical centers in fluorite rystals containing rare-earth elements Rost krist, 5:373 382 65,

FLUORSPAR CRYSTALS-SPECTRA

Cerlum fluoride doped with neodymium as active medium for lasers, 10, K Voroniko and others. Kristallog-rafita 11 no 6 936-938 N-D 166,

FLUX (METALLURGY)

Bisquets as slog forming material in steel smelting, A.M. Bigery, V. N. Letimin, M. M. Strekel westli lzv vvs. ucheb zav., ch. rn. met. 0 no. 12:56-60 166.

FLYSCH

Analytic studies of sediment accumulation in geosyncline busine as revealed by a study of the sedimentation of terrigenous flysch MV Rate 12v vss ucheb 2av, good irazv 6 no.635-14 Je '63

Increasing the efficiency of an inertia accumulator. N.V. Guita, L.L. Gwelestant Vest. mashinostr. 45 no. 12-28-29 D '66.

Possible effectiveness of modification of low clouds (fog), V.S Kozharin - Trudy GGO no 186-164-112 '66

FOLDS (GEOLOGY) see subdivision under Apsheron Peninsula; Dzungarian Alatau; Timan Range; Ural Mountains

FOIR DANCING see subdivision under Daghastan

FOLK DANCING, LATVIAN

Suna, Harijs. [Latvian round dances] Latviesu rotalas un rotaldojas. [Riga] Zinaine [1966] 658 p. [In Latvian]

FOLK SONGS, LITHUANIAN

Reza, L. [Lithuanian folk songs] Lietuviu liaudies
dainos. Vilnius, Vaga. [In Lithuanian]
Vol 2 1984. 391 p

FOLK SONGS, UKRAINIAN

[Ukrainian folk songs] Ukrains'ki narodni pisni. Kyly,

Mystelstvo. No.4, 1965, 282 p.

FOLKLORE

Akademila nauk SSSR. Institut etnografit. [Contemporary Russian folklore] Soviemennyi russkii fol'klor. Mo-skva, Nauka, 1966. 254 p.

FCOD
Correlation between the strength of the nervous system and the dimension of unconditioned food secretory reflexes. L. P. Rudenko Zhur vys perv.deiat. 13 no 4; 695-698 Jl-Ag ³63

FOOD, CANNED-MICROBIOLOGY

Thermophil bacteria - pathogens of spoilage in preserved foods. L. P. Naidenova Mikrobiologija 31 no 5 910-917 S-O '62.

FOOD INDUSTRY

(see also subdivision under Omsk Province, Volgograd Province)

Second year of the five-year plan K. Skoveroda. Sov. tong 40 no.1,2-5 Ja '67

FOOD INDUSTRY-AUDITING AND INSPECTION SCO subdivision under likuisk

FOOD INDUSTRY-MANAGEMENT see subdivision under

FOOD SERVICE-STATISTICS

Public tood service and the growth of national consump-tion U.K Sheddnov Trudy INKH no. 18:51-60 165

FOOD SPOILAGE

Thermophil bacteria - pathogens of spotlage in preserved foods. L. P. Naldenova, Mikrobiologija 31 po 5:910-917 S-O 462

FOOT-DISEASES

Some clinical, diagnostic, therapeutic, and preventive problems of mycoses of the feet. A.M. Arievich. Vest deim I ven. no. 12 15-51 152.

FOOT-AND-MOUTH DISEASE

Carbohydrate metabolism in the culture of swine embryonal Edney epythelium infected with the foot-and -mouth discase virus A.G. Revenkov, D.A. ISuverkalov, L.I., Grumma Veterinarila 43 no 120-24 Ja 487.

Elimination of foot-and-mouth disease in primary focus, A, P Robets and others. Veterinaria 43 no 16-12 Ja

I apinized antigen for diffuse precipitation reaction in foot-and-mouth disease A. P. Prostiskov, A. G. Luboshnikov, A. I. Dudnikov. Veter marita. 43 no.126-.

Murrain of saigas I. Z. Klimchenko, V. M. Fonushkin Trudy Gos nauch riss1 protivochum inst 16:291-292

Problems of the epizootiology of foot-and-mouth disease S.I. Voinov Vetermarita 13 no. 1 17-51 Jul 187

Production of diagnostic fact-and-mouth disease serum for antigens using tabbit tissues M V Zagorodner, V B. Elagina, N. V. Prostakova Vetermarria 13 no i

Sterilization of milk in the focuses of foot-and-mouth disease using dry steam, A. A. Poliakov and others Vetermaria 43 no 189-91 Ja 167

Veterinary hygienic measures as the basis of the prophylaxis of foot-and-mouth disease N. I. Gorbant. Veterinarita 43 no 193-95 Ja *67.

FOOT-AND-MOUTH DISEASE -- COMPLICATIONS AND SEQUELAE

Complications in cows after foot-and-mouth disease. G.F Bondarenko and others Veterina da 13 no 1 t5-47 Ja 167.

Effect of foot-and-mouth disease on the reproductive functions in cows. V.IA. Andr levskii, I. P. Red'kin. Vetermariia 13 no 1 84-86 Ja 167.

I resting mostitis caused by foot-and-mouth disease. A.T. Marchuk, V. A. Fortushnyi Veterinariia 13 no. P86-88 Ja 167.

FOOT-AND-MOUTH DISEASE-MICROBIOLOGY

Age-related sensitivity of kidney cell cultures of swine embryos to foot-and-mouth disease virus MA, Ushenins Vop.virus II no 6:748-750 N-D 166

Identification of epizootic strains of the Ai variant of the (oot-and-mouth disease virus, A. I Sobko and others, Veterinarita 43 no 1 29-31 Ja '67.

FOOT-AND-MOUTH DISEASE --- PREVENTIVE INOCULA-

Foot-and-mouth disease vaccine from the virus cultivated in calf kidney cell suspension N.V. Likhachev and others. Veterinarita 43 no 1,24-25 Ja 167

FORAGE PLANTS see subdivision under Kiev

FORAMINIFERA see subdivision under Mediterranean Sea

FORAMINIFERA, FOSSIL see subdivision under Azerbaijan; Badkhyz region (Turkmenistan); Casplan Sea; Crimea; Kara Kum; Kelyat Range; Voronezh

FORCE AND ENERGY

Grigor'ev, V. I., and G. IA, Miakishev. [Forces in nature] Sily v pi irode. Izd.2, dop. Moskva, Nauka, 1966 400 p.

FOREARM-FRACTURE

Exercise therapy in diaphysial fractures of the forearm following treatment with intraosacous metal 1 od fivation L.N.Naumova. Trudy Inst. int.N.V.Sklift. 7 350-367

Late results of surgical treatment of closed and open fractures of the forearm bones using the method of intraosseous metallic osteosynthesis, O. S. Chakhu-nashvill. Trudy last im. N. V. Skiif 7 342-348 163.

Late results of surgical treatment of nonunited fractures of the diaphysis of the forcarm N, A Popova, Trudy Inst. im N V Sklift, 7 349-351 463

Surgical treatment of diaphysial fractures of the forcarm and their outcomes, A. M. Alimov. Trudy last im N. V. Sklif. 7:331-354 463

FOREIGN BODIES (SURGERY)

Predeter mination of the localization of foreign bodies D IA Bogatin Frudy Novokuz GIDUVa 32:5-8 '65

FOREIGN BOOKS see Books, Foreign

FOREIGN EXCHANGE

Brief information on for eigh exchange and banks abroad, Den 1 kred 21 no 12 85-86 D 466

FOREIGN EXCHANGE PROBLEM

Galt, I.M., [The system of international payment and credit relations of the U.S.S.R. in foreign trade] Sistem a mezhdunarednykh raschetnykh i kreditnykh olnoshehil SSSP po vueshnel torgovie. Kiev, Kievskii in-t nai, khoz., 1965. 40 p. (CSt-H)

FOREIGN STUDENTS see Students, Foreign

FOREIGN TRADE REGULATION

Rozenberg, M.G. [Legal regulation of relations between the all Union corporations of for eigh trade and the Soviet organizations which order imported goods] Pravoviet of gamzations which order imported goods. Pravo-voe regulirovanie otnoshoril mezkdu vsešoluznymi vnoshuctor govymi ob'edinenilami i sovetskimi organiza-tsilami - zakazchikami importnykh tovarov. Moskva, IMO, 1066. 114 p.

FORENSIC CHEMISTRY see Chemistry, Forensic

FORENSIC PSYCHOLOGY see Psychology, Forensic

FOREST ECOLOGY

(see also subdivision under Amur Valley; Kamchatka; Kuybyshev Reservoh)

Absorption by soil of ash elements and nitrogen with the Hite: of woody and berbaceous plants in the basic forest types of the "less na Vorside" oak dominant forest, IU.N.Reshataev and others Pochwovedenle no, 12;31-39 P 166.

Effect of various grass types on growth and development of oak during its first years. G. M. Zozulin. Trudy TSentr. - chern gos zap. no 4.3-36 157.

Water conditions of reclaimed soils of the Solonetz complex under forest betts G S, Barykins.

Por hydredenic no 12 61-56 D 506.

POREST FAUNA

Biologiia lesnykh pilis i zverel. [By] G.G. Doppet'mair i dr. Edd 2, lspi.i dop. [Moskva, Vysshaia shkola, 1960] 402 p.

FOREST INSECTS see subdivision under Soviet Far East

FOREST INSECTS-EXTERMINATION

(see also subdivision under Ukraine)
Forest protection, A. Miniaile and others. Zashch,
1ast. 11 no 11:15-46 *60.

FOREST LITTER

Absorption by soli of ash elements and nitrogen with the Riter of weady and herbaccous plants in the basic forest types of the "Les na Vorske" our dominant forest. IU. N. Neshataev and others. Pochyovenenic no. 12:31-38 D '66.

FOREST MANAGEMENT

Let us improve the management of collective farm forests, K. Kulakov, L. Zaslavskaia, Sov. just. 30

forests, K. Kulakov, L. Zaslavskaia. Sov. inst. 30 no. 23,18 D 166.

Pobedinskii, A.V. [Cleaning the area of cutting in case of trailing frees with crowns] Ochlatka mest rubok pri podvozke stvolov s kronami. Moskva, Vses. Nauchnoissi, in-t lesovokistva i mekhanizatsii lesnogo khozialistva, 1950. 0 p. (OrCS)

TOREST HOADS—DESIGN AND CONSTRUCTION Torgonskii, M.N., V.P. Krolov, and V.S. Bratin. [Construction of logging reads and artificial structures] Stroited view of several stroited view of several properties. Izd. 2., ispr. 1 dop. Moskva, Lesnaia promyshl., 1966. 300 p.

FOREST SOILS

DREST SOILS (see also subdivision under Chuna Valley, Irkutsk Province; Vikhoreva Valley) Effect of farming practices on change in properties of gray forcest soils P.E Soloviev, I K Antipov Vest. Mosk, un. Ser 6.101-107 Jl-Ag '66

FOREST SOILS—RESEARCH

Akademila nauk SSSR, Sibirskoe oldelenie, Institut lesa I drevesiny. [Abstracts of reports for a scientific con-ference on forest soit research, July 15-20, 1995] Tezisy dokladov k nauchnoi konferentsti po lesnomu pochvovedentiu (15-20 itulia 1955 g.). Krasnolarsk, 1905. 215 p.

[MICROFILM]

FORESTRY LAW COD LEGISLATION

- Crim rain a mash has not the unsultance of cutting or the bar of G. L. Friend Sci. 1635, 20 no. 23 24-25 D.
- We shall include printed conformations of the least to the property of the Side Laws in the conformation of the Side Laws in the
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FORESTS AND FORESTRY

(Sec also subdivision under Caucasus, Northern; Latvia, Leuingrad Province, Ul raine)

Gershun, M.S., and T.M. Guzceva. [Chemical method for weed control in forest nurseries and plantations in Central Asial Enfinicheskii metod bor he s sorni d'ami i Icanykh pitomnik iki, i kultur ikh, v uslovilakh Srednei Azilo Moskva, Lesnara promyshlo, 1966. 50 p. (DMAL)

FORESTS AND FORESTRY -- VALUATION

Levin, V. I. [Pinc forests of the European North, structure, growth, and evaluation of stands] Sosnaki Europeistroso Severa, stroetic, rost riaksatsiia drevostov Mushal, Irstani promyshlennosti, 1966—151 p. (DNAL)

Constitute output in drawing with combined and accoved this P. C. I. an shim, B. S. I argin, P. P. Andrius finhs Fus. shim, praix, 8 no 12 10-13 D '60

Determining deformation stresses in Sectional stamping if dieta | F 1 Sermon, S A Skoromino toganicosti | 46 no 12 S1-55 D 666

totalihosti 40° rn 12 51-75 D 66
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Engin ening n opertus of specimens made of Al-6 duralismi and subjected to upsetting under a pneumatic harm of aris incution press. I. S. Zhalohov. Trud, GFI 15 no 2 36-47 59

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Hinciting series heads and wood series having straight and cross slits. A N Gladkikh. Trudy GPI no 2 48and cross slits

Using composite blank methods to study metal floor duing friging. F.N. Merkulov. Kuz. - shtam, proizv. 8 ro 12 13-15 D '66.

FORGEIG MACHINERY-DESIGN AND CONSTRUCTION

Design of forging rolls for the forging G,1 Meilakh Mauch trudyl ENIKMASha no 1411-15 166

Elemen's of the new in press forging machines, I, M, Podrablant, Kuz, -sh'am, proizy, 8 no. 12-30-31 D '66,

Forging accurac; and rigidity of multiple-position automatic machines for cold forging. E.D Biodskii and others. Kuz, shiam, proizv. 8 no. 12-24-28 D [60].

Metholological characteristics for justifying optimum serica of press-forging machines A F Shiriner, V I, Demchuk, S D Shirpel man [Nauch trudy] ENISMASha no 14 50-67 466

Rigidity standards of crank presses for hot forging, V. T. Meshcherin and others [Nauch trudy] ENIKMASha ro. 1-91-119 466

FORGING MACHINERY—PNEUMATIC DRIVING

Possibility of improving pneumatically driven hammers. P.S. Oksenenko [Nauch, trudy] ENIKMASha no. 14 31-43 'Cb.

FORMALDEHYDE

Effect of & naphthol in the inhibited process of oxidizing depolymerization of the copolymer of trioxane with discolance L. A. Nikhina., V. A. Sukhov. A. F. Lukovnibov. Plast mass. no 12 41-43 "66"

Special features of the processing of polyformaldeh de by molding under pressure A.I Lovetskaia V N Gimblat, V V Lapshin Plast massy no 12 34-37 '68

Use of capor-formalin disinfecting chambers in vetermary practice A.G.Nemchenko Veterinariia 43 no 195-97 Ja 167

FORMAMDE

Synthesis of N. N-dimethyl-substituted smides by the intersection of acyl chlorides with dimethylformamide A E Kulikova. E N Zilberman. F A Ekstrin Zhur VKHO II no 6:704-705 '66.

FORMAZANS

Effect of inhibitors on electron transfer chain in purpus bacteria as related to molecular nitrogen fixation. I.D. Ivanov, N.S. Demina, Mikrobjologija 35 no.5,780-783

FORMIC ACID

Divalent rhodium formates. I.1. Cherniaev and others, Zhur, neorg khim It no. H 2575-2582 N '66,

FOSSIL CORALS see Corals, Fossil

FOSSIL MOLLUSKS Sec Mollusks, Fossil

FOSSIL OSTRACODA see Ostracoda, Fossil

FOSSIL POLLEN see Pollen, Possil

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unkint of no. 20-20 Ultikh, S.S., and V.I. Pushov. [Seasonal freezing of solis and their interaction with building foundations] Seconnoc promer zante gruntor fikh vzatmodelstyle s fundamentami "danti [Krasnotarsk] Krasnotarskoc knizhnoc tzd-vo, 1065, 165 p.
[MICROFILM]

We exceed the pions and save materials. V. I ikhachev. Na stroi Ros 4 no 10 18 O '63

FOUNDATIONS-MAINTENANCE AND REPAIR

Restoration of pile foundation of pillar in operating shop IU A Maksimov Prom strot 44 no 11 30-31 466

FOUNDING

Prospects for and the economic effectiveness of the use of natural gas in founding. L. V Semenov, V. M Popov Trudy IGI 18 212-221 IG2.

Techniques for casting pole flanges B. C. Dul'fon Lift. in our v no 11:43 N '63

Using polymer materials in founding. S. Sh. Slepovich and others. Prom. Bel. 9 no 12 10 D 466

We will colchiste in a proper manner the 46th advices sary of the Great October Socialist Revolution Lit proize no 11:1 N '63

FOUNDING-CONGRESSES

(see also subdivision under Latvia)

Conference on chill easting N. P. Dubinin. Lit. profess. no 11(17-48. p 3 of covet N *03.

Latvian Republican Scientific and Technical Conference on progressive technology in founding V N P G Vinnichenko, G K, Petrik Lit proizv 41-42 D !66

Thirty-second International Congress of Foundrymen L. M. Martenbakh, I. A. Onufrice Lit protes no I 40-41 D 106.

FOUNDING-COSTS

Planning foundry shop production expressed in terms of cost M I Orlova, V N. Bushishin Lit proize, no 12 5-6 D 466

FOUNDING-FINANCE

Consultations on methodological problems. Shor. nauch inform. Nauch sov po eff osn fond kap, vlozh, i nov. tekh AN SSSR no. 2:141-143 | 62.

FOUNDRIES-EQUIPMENT AND SUPPLIES

Controlling the moleture content of loose materials. V. G. Pustynnikov, A. M. Proted iskonov. Lit. proizy no. 11;

Department for breaking-off gating system from turbo-drill rotes and stator eastings. D.S. Valnslitein, V. I. Buiukov, P. M. Liashenko. [Nauch, trudy] ENIKMASha no. 14 130-142 66.

Equipment and technology of producing thin-walled non-ferrous metal castings NN Helousov, A.A., Dodonov Lit proizv no 12 10-14 D 160

Exothermic coating for chills V.S. Grabovenko. Lit. proizv no.11:41 N '83.

Horizontally, closed, walking, foundry conveyor, P. F. Parosiuk, Lit proize, no 11,40 N 163

h on melting gas furnace, A.I. Stepanov, Lit. prolzv. no. 12 29 D 166,

no. 12 29 D 166.

Necessary technological conditions for overall mechanization and automatic control in varied small batch production. V. M. Shestopal, E. N. Dolzhanskii Lit, prozv. no. 12 1-4 D 186.

New parting compound. B.B. Gintsburg, V. P. Samsonov. Lit. proize no. 12 34-35 D 166.

Nomograph for calculating gating systems N. I. Mishchen-ko Lit protzy no 11:42 N '63

Some problems in the standardization of founding ma-chines. N. V. Ivashkina. Vest. machinesti 46 no. 12; 72-73 D '66.

Studying, calculating, and developing improved designs of stepped gating systems with intermediate sprues, G, M, Dubitsski, IU, P. Pyshimintsev. 1zv. vys. ucheb. zav., chern. met. 9 no. 12;127-132 '86.

Using internal chill, in the production of methods: P.F. Vasilevskii, G.A. Kuzmitsov - 141 prod., 1997

FOUNDRIES-MANAGEMENT

Planning foundby shop production copies and date in the cost M. I. Orlova, V. N. Hubithin - J.R. prod. no. 12:5-6 D. 466

FOUNDRY LADIES

Ladle for filling molds in preculon ctading (V, A)Kashintsev (Lit process no 19 (9^{-}) ++ D (966)

FOUNDRY SAND see Sund, Loundry

FOURIER SERIES

Convergence of Lowfer agricus in four edimensional per active spherical functions. R. N. Treetful a. a. Doel V. HSSR 10 no 9-621-525 - 5 - 566. Disposition of screen of Lowfer transfermations Leompley plane. V. P. Kat medium. Dokl. Vs. 3R 22 no. 2272-274. N. 166.

Linear methods of summing Fourier series continue, rectangular matrices. Part 2, 1,4,1100 mx, 21x, 212 ucheb sav smat no 6 3-17/166

FOURIER TRANSFORMATIONS

Laser as a source for Finite optical transformation B.K Vainshit in, G.I. Rosourov - Kristallopi at 1 - 11 no 6-921-923 N.D. (bb.

FRACTIONAL DISTILLATION are Distillation, Fractional

FRACTIONS-STUDY AND TEACHING

Sequence of study of common and declaration the rine eight-year schools. S. A. Ganlova - 16th zap 15 f. f. at Gerts - 200 168-176 - 465

FRACTURE OF SOLIDS

Determining critical loads causing the development of enlarged cracks. A.A. Kuningell, Priki, meks. 3 no. 11:63-67 166.

normalizating heiltle fracture of spectacen with the communitations, S. IA IA Count, D. Y. Halych (10) 11 and 138-311 (6)

Propagation of cracks having a scarty circular that V. V. Panasuk. I outs supplied. Both 193 199 265

Theory of equiponderant cracks in an elastic [a..., 3, 3, 4, Ateksandrov, Konta, napriazh, no. 1, 19-45, 5, 5

(see also subdivision under Ukraine)

Characteristics of the reparative processes in close to 1 loose adjoining of the end (of bone fragment), 6, 1, Lavrishcheva, Trudy Inst. in N. V. Sklif. († 107-10)

Dinguosis of fatty ambalians of catcheal vegent in to ittiple fractures accompanied by examini traumo Kucherenko, Travinatologika no. 1:140-141

Effect of burn traumn on the regeneration of bone ties. B.D. Movahev. Pat.fiziol.i okap terap. no. 1847-00 44.

Osteosynthesis using homotransplants in open infected fractures, V 1, Motsecuso - Travinatologila (i.e. l.) 324-327 '65.

Results of surgical treatment in fractures, V A. Gertis-skii. Trudy Inst. im. N. V. Skiif. 1201-303 163

Some data on invalidity following fractures of long tubular bones, 10.4. Khadobin Travmatelogitri 15.4

Surgical treatment of fractures of long tubular loner V.F. Trubnikov, Travmutologija no. 1/110-117 16.,

FRACTURES COMPLICATIONS AND SECULIAE

Pat embolism of pulmonary vessels in fractures, predominantly of the fermoral neck, treated with various methods T.K. Vichtomova Trudy Inst. Int. N. V. 541 f 7:306-402 [63].

Surgical treatment of nonunited fractures and pseud-arthroses, R.IA, IAkubov. Trudy Inst. Int. N. V. vkiii. 7:372-383 [63]

Venous thrombosis and embolism of the pulmo ary artery as complications in fractures. N. I. Hgantaev. Trudy Inst. im. N. V. Sklif. 7:389-302 (63.

FRAMYCETIN

Framycin affect on phytopathogenic bacteria in titro K. H. Bel'dukova, J. B. Korol'ova, V. I. Samodienke, Mikrobiol, zhur. 28 no 6:11-16 166.

Monetary unions of Abrican countries in the system of the franc area, R. Logovinskaia, Den. I krett, 21 no. 12 76-85 D '06.

FRANCE---ARMENIANS

From the history of the antifascist struggle of the Armentan Communists in France. T.S Drawbian Veobshchestv. nauk AN Arm SSR no.5;42-51 My 95.

FRANCE-BIG BUSINESS

Chernikov, C. P. [Financial oligarchy of France] Finan-sovata oligarkhila Frantsii, Moskva, IMO, 1986. 418 p.

FRANCE-BUILDING INSPECTION

Simon" hydraulic inspection device. Pransp strot. II no. II 57 N '61

FRANCE-COLONIES

TSintsadze, Josif. [From the history of Georgian public epinion, the Georgian press and Fronch colonial policy, 1870-1900 Iz istorii gruzinskoi obshchestvennoi nysh; gu uzinskala pi essa i frantsuzskala kolonial'naia politika, 1870-1900 gg. Tbilisi, Metsniereba] 1964 97 p. [in Georgian] (MH)

FRANCE-COMMUNIST PARTY

From the history of the antifascist struggle of the Arrrenian Communists in France T S Drambian V obshehesty nauk AN Arm SSR no 5:42-51 My '66 Ideological vork of the I reach Communist Party, Waldeet Rocket, Kommunist 43 no 2 100-116 P '67

In a Paris suburb, E. Shuliukin, Nov. viem. 25 no. 2; 25-27 Ja '67,

FRANCE-COMMUNIST YOUTH

Why did I become a young Communist? Mol. komm, no 11:112-117 N 61

FRANCE-ELECTIONS

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FRANCE—ESPIONAGE, RUSSIAN
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FRANCE-FEUDALISM

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FRANCE-FOREIGN RELATIONS

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FRANCE-FOREIGN RELATIONS-RUSSIA

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FRANCE-FOREIGN RELATIONS-TURKEY

The policy of England and France in Turkey on the eve of the Second World War. B. Bekiev. Izv. AN Turk. SSR. Ser. obshchestv. nauk. no. 4:3-9 '66.

FRANCE-HISTORY

The clergy and nobility at the States-General of 1302-1306 N.A. Denisova Sted veka no 29 90-113 '66

FRANCE---HISTORY---SOURCES

French statesmen of the 16th-17th centuries; the role of policographical data in the history of governmental administration V. N. Malov. Sred veka no. 29 267-275

Rennaut de Sainte Beuve's account of his expenses during his trip to Lyons, February-March 1313 T.P. Voro-nova, Srod, veka no. 20:260-266 166

FRANCE-INLAND NAVIGATION

Hydraulic construction work in France and the creation of a transcontinental waterway, V. Balanin Rech transp. 25 no. 12 57-59 '66

FRANCE-MANUSCRIPTS, LATIN

History of a Carolingian minuscule of the ninth century from northern France S.S. Neretina, Sred veka no. 29-191-207 *66.

FRANCE-MILITARY INTELLIGENCE

The I reach military intelligence and the threat of fascist aggression against France B. Gusev. L. Bazov Voon-1st.zhur 8 no/1221-31 D '68.

FRANCE-NARCOTICS AND CRIME

Secret of the Ener "France". A. Butlitskii. Sots. zakon. 43 no.12;70-72 D 66.

FRANCE-POLITICS AND GOVERNMENT

Pro-election problems in France. Boris Vesnin. Nov. vrem. 25 no. 8:10-18 F '67.

FRANCE-RAILROADS-TECHNOLOGICAL INNOVA-

Mew ratiroad technology in Prance. V A. Nikanorov. Zhel. dor. transp. 48 no. 11-89-94 N 166.

FRANCE-SOCIALIST PARTY

Vital problems and spiritless solutions. V. Midtsev. Mol. komm., no. 4:111-116 Ap '61,

FRANCE-WINE AND WINE MAKING

A French manuscript of the 14th contury; history of wine making in France, A.V.Konokotin, Sted.veka no 29, 254-259 466,

FRANCE-WRITING, GOTHIC

Gothic writing in France in the 13th and early 14th centurios based on a collection of manuscripts in M. C. Saltykov-Shehedrin Public Library V. L. Romanova Sied veka, no 29 228-253 (66)

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Vital problems and spiritions solutions V Midtsev Mol. Form no. 4 III-116 Ap 161,

FRANKO, IVAN, 1856-1016

Doroshenko, I.I. [Ivan Flanko, literary critic] Ivan Flanko - literaturnyi krytyk. [L'viv] Vyd-vo L'viv-s'koho univ., 1966. 208 p

Kolesnik, P. F. [Ivan Franko, a biographical sketch] Ivan Franko, biograficheskii ocherk, Kiev, Dnipro, 1966. 93 р.

A theoretical conference devoted to the 119th anniversary of L.M. Franko's birth. N. F. Vradii. Ukr. ist, zhur. 10 no. 11:157-158 N '68.

FRANKO, IVAN, 1856-1916-MUSEUMS, RELICS, ETC.

Literaturno-memoi lal'nyl muzei Ivana Franka u L'vovi. Literaturno-memoi lal'nyl muzei Ivana Franka u L'vovi. Ivan Franko Literatu e Memorial Museum in Lviv. L'viv, Kameniar, 1966 1 v illus [In Ukrainian, Russian, and English]

FREEDOM OF THE SEAS

Freedom of the open sea and the legal procedure of air-plans flights N.S. Zhitinskii, I.E. Tai Phanov Moi sbor 40 no 10 26-31 O 160

FREEZE-DRYING

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Modern equipment for the drying of plasma and other blood preparations by the sublimation method, a survey of the literature. M.V. Podol'skii. Probl gemat i perel, krovi 8 no 3 32-41 Mr 163

FREIGHTERS

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FRENCH LANGUAGE—STUDY AND TEACHING

Some problems of teaching a practical mastery of the vocabulary of the French language at the initial stage (in the 5th grade). G.V. Ratinskil. Uch. zap. GGPI no. 65 145-100 '65.

FRENCH LANGUAGE—SYNTAX

One meaning of the combination of the verb "devoir" with an infinitive. G. V. Mittukova. Uch zap. GGPI no. 65

FRENCH MANUSCRIPTS see Manuscripts, French

FRENCH NEWSPAPERS—HEADLINES

Some characteristics of the structure of newspaper head-lines in relation to the history of the Franch newspaper. A.S. Dubovata. Uch. zap. GGP1 no. 65 05-77 *65.

Prospects of the use of Freens in absorption refrigerating plants. I.S. Hadyl'kes Khoi tekh 39 no 3-13-16 My-Je '62,

Study of stabilizing effect of vinyl alcohol and vinylamine copolymer on fixed tables virus in purifying it by freon B. S. Diskina and others. Vop virus. 11 no 6.729.734 N-D '68

FREONS-TOXICOLOGY

Toxicity of dichlorofluor octhane (F-141) in prolonged effect on the body of experimental animals. T.K. Nikitenko. Toks. nov. prom. khim. veshch no. 883-97

FREQUENCY CHANGERS

Capacitive commercial frequency voltage divider with 1800 kv. rating, F.B. Engel'sberg, Etektrotekhnika 37 no.12-38-41 D '66,

Effective damping in a frequency changer operating on the Hall effect, S. Sukhanov, 12v. AN Turk SSR, Ser, fiz. -tekh., khim, i geol, nauk no. 6:3-6 162.

Frequency changers on InSb and InAs Hall oscillators for high-frequency telephone channels, S.Sukhanov, Izv. AN Turk SSR. Ser. fiz. -tekh., khim. i geol, nauk no. 5-15-19 162

Frequency conversion using double modulation of light, V. A. Dianova, E. R. Mustell, A. P. Fishuk. Radiotekh, i elektron. 11 no.11:2082-2085 N 156.

Frequency convertes for regulating an asynchronous motor based on a current inverter with electronic commutation A.V. Natakida. Ev vys.ucheb zav.; elektromekh. 8 no 10;1121-1128 '69

Mechanical method for studying transients in frequency converters in inverter operation. I I Kanter, IU. P Vasil'ev, A. R Rezchikov. Izv.vys ucheb.zav., elektromekh. 9 no.10,1136-1141 '56.

Network for regulating a frequency converter without a d c link, B.I Firago, izv.vys ucheb.zav.; energ. 9 no.11:31-38 N 166

Principal characteristics and special features of autodyne tunnel diode frequency converters V P, Voronenko, Radiotekh, i elektron 11 no 12 2269-2270 D '66,

Rakov, M.A. [Transistorized wideband frequency con-verters] Shirokopolosnye preobrazovateli chastoty na polupi ovodulkovykh ti iodakh Kiev, Naukova dumka, 118 p.

Static frequenc, converter for an electric tool III, II Frolov, L. M. Matsnev Mont ispets rub v stroi 25 no 8,21-23 Ag '63

FREQUENCY MEASUREMENT

Interference protection of electronic counter type frequency meters G.A. Assevich, Aviometritia no. 5-81-85 '66

FREQUENCY REGULATION

Dynamic properties of automatic phase-frequency control systems. L. A Sinitakii. Teor elektroteen. no 1:141-147 '66.

Effect of narrow-band fluctuations on the operation of an automatic phase-frequency control system. Shakhgil'dian Avtom i telem, no. 12:131-145 '66

Simultaneous automatic phase frequency adjustment and synchronization, L.A. Belov and other 4 Radiotekh 1 chiktron II no 12,2135-2141 D 266

FRESHWATER BIOLOGY

Interrelation between the suffer cycle and the production process in bodies of water. IV I Sorokin Vest, AN SSSR 36 no. 12:13-15 D (86,

FRESHWATER FAUNA see subdivision under Varyara Reservoir

FRICTION

Calculation of one-dimensional gas flow in a channel of varying cross section taking friction and heat transfer into account. I.I. Mezhirov. PMTF no. 3:92-95 My-Jc '82.

Conditions for steady drawing of steel wire at high speeds, M. S. Pasechnik, R. B. Krasil'slkhikov, E. A. Chelintsev Stal' 26 no 12 1115-1117 D '66

Stat 26 no 12 113-117 D 46
Determining electric energy loss in friction of shing of
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Azerb neft khoz 45 no 9:23-36 S 466
Experimental study of frictional force in presence of
boundary layer of viscoplastic fluid. I R, Muradov
Azerb neft khoz 45 no 9:19-21 S 466.

Friction anisotropy in cold colling V. P. Severdenko, A, V Stepanenko Doki AN BSSR 10 no 9:652-654 5 '66

Friction anisotropy in open apsetting. V. P. Severdenko, A. V. Stepanenko Dokl, AN BSSR 10 no. 10;741-747

Steady laminar flow of an incompressible fluid in a plane enamel and in a circular cylindrical tube, allowing for the heat of friction and the temperature dependence of the viscosity. S. A. Kaganov. PMTF no. 3:96-99 My-Je

FRIEDEL-CRAFTS REACTION

Determining the gaseous products of the reaction of polystyrene with suffer in the presence of Friedel-Crafts catalysts A. B. Davankov, E. V. Zambrowskofa, A. V. Alferov. Trudy MKHT no.42:174-177 63.

Reaction of polystyrene with sulfur in organic solvents in the presence of Friedel-Crafts entalysts. E.V Zembrov-skala, A B, Davankov. Trudy MKHTI no. 42:167-173

FRISCH, MAX, 1911-

On the political map of art; a letter from Berlin, N.Otten, Nov. vrem. 25 no 1:27-29 Ja 167.

Geographical distribution of Meromyza Mg species (Dipters, Chioropididae) L. I. Fedosogva Zool zhur 45 no 11:1666-1672 '66

Polyphase rhythm of din nat activity of Rana temporaria L. IU. D. Chugunov Zool zhur 45 no. 11:1692-1697 '56

FRONTS (METEOROLOGY) see subdivision under Northern Hemisphere

FROZEN FISH see Fish, Frozen

FROZEN GROUND

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Methods for the motioration of farm lands in areas of permafrost, A.A. Bogushevakii, Gidr. f mel. 18 no. 12; 14-23 D 166.

Soils of syrt uplands in central Tien Shan formed under influence of permafrost phenomena A. M. Mamytov V. A. Makarenko Izv. Kir. fil. Vses. ob-va pochy. no 2; 10-24 '63.

FRUCTOSE PHOSPHATES

Ratio of aldolase activity measured by fructose diphos plinte and fructose monophosphate in various rat organs and tissues. A. A. Pokrovskii, I. I. Musin. Biokhimila 31 no.6:1197-1203 N-D 166.

FRUIT-IRRIGATION see subdivision under Caucasus, Northern; Ukraine

FRUIT-MORPHOLOGY

Modern state of the problems of the evolution and classificution of the fruit of ingrespectus. M.P. Pavloca, Tendy Unitarith part. 14 Seltinos, part. 10, 1159-

FRUIT—PRESERVATION

Reducing lor-es in solid substances of subtrived fruit re-materials MT1-behanke Prom lain 9 no 10 49-51 466

FRUIT CULTURE

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[ABC's of a fruitgrower, in questions and answers] Azbuka sadovoda, v vopiosakh i otvetakh Moskaa, Kolos, (DNAL)

Elb et of -oil moisture on the beginning and end of vegetation in seedlings of fruit plants and oak. IU L Gurbey Trudy Inst. gen. no. 26 103-111 162

Kaptsinel', M.A., ed. [Principles of fruit culture] Osnovy sidovodstva [By] M.A. Kaptsinel' I dr. Moskva, Prosveshchente, 1986, 351 p (DNAL)

Karklins, J. [Fruit culture] Auglkopiba Riga, Zvarg-zne, 1966 671 p map (msert) [In Latvian] (DNAL)

FRUIT CULTURE --- COSIS

Karaman, M. M., R. P. Piskunov, and V. G. Volkova.

[Larger crops, lower costs] Uroziar vyshe—sehestolmost' nizhe. Simfer opol', "Krym," 1966 28 p

FRUIT TRADE ... FINANCE

Give more attention to the vegetable and fruit trade.

P Ostkin, Fin SSSR 40 no.11,16-20 N 466.

FRUIT TREES

Frost resistance of fruit trees. 1.1. Turnanov. 12v. AN SSSR. See blot no 3 409-464 My-Jc 163

FRUNZE, MICHAIL VASIL'EVICH, 1885-1925

His life, an exploit. M. Malliset. Komin, Voorunk, Sil 3 no. 10,88-92 My 163

FRUNZE-FLOUR INDUSTRY-MANAGEMENT Naigaoz, A B [Paths of growth] Puti 10sta. Frunce, "Kyrgyzsian," 1965. 43 p.

FRUNZE-FLOUR MILLS

Loose release of flour at the France Milling Combine, A Naigauz Muk. clay prom 32 no 11/26 N '66

FRUNZE-INSTRUMENT INDUSTRY-ACCOUNTING Significance of a standard accounting method in industrial management N. Fuznetsov, Trudy Lkon, fak, Kir, po. un no.128-34 164.

Utilization of L-fucese by kilney enzymes O.M. Kostlukovskala, E. L. Rozenfel'd, Blokhimita 27 no.51912-015 S-O 162.

Application of linear programming in the planning of fuel engineering L.I Istonin. Trudy IGI 18 149-164 162.

Application of the distribution method of linear programming in the solution of fuel engineering problems. L. I istomin, V. M. Popov, A. K. Shubnikot. Truty 163, 173-178, 162.

Application of the method of resolving factors of linear programming for the solution of fuci engineering problems, L.I. Islamin, V. M. Popov, A R., Shuhnikov, Trady IGI 48,165-173 *62

Application of the methods of linear programming in selecting fiel mixtures. L. I. Istomin, V. M. Popov, A. K. Shibnivov, Trudy 1G1 18:179-183 462.

Features of using fuels with a high content of flee colci-um o ide in the ash in electric power plants N G Zalogin. Dick sta 37 no.11;2-6 N '66.

Fuel is the mainstay of industry V Semenov, A, Shilin, Agitator no 2 H-13 Ja 162,

Networks for the mechanization of fiel supply operations of small electric power plants and industrial boiler systems, N.I. Sphildonov, Prom, energ. 16 no. 1:20-36 Ja 161.

or Ja 'Ei.

Problems of comparing the socially necessary expenditure of labor on the basis of cost in fuel producing branches V.N Minakhova. Trudy INKH no 38:101-118 105.

Power calculation of metallic membranes. D. F. Gui e-vich, Zap. LSKHI 96:158-163 '65.

FULMAR ISLAND, ANTARCTICA-ADÉLIE PENGUIN A record-holding penguin V. M. Kamenev. Inform. biul Sov antark eksp no. 59 81 166.

(see also subdivision under Tatar A.S.S.R.)

Field testing of the smoke from hexachloran pots against mosquitoes in the taiga zone of the West Sibertan Plain. O I.Getta. Sbor. nauch. rab. SibNIVI no. 11 105-198 (62)

FUNCTIONAL ANALYSIS

Approximation of Wil class functions by plecewise polynomial functions. M. Sh. Birman, M. Z. Solomiak, Dokl. AN SSSR 171 no 5:1015-1016 D *86.

Correctness of the Cauchy (toblem and analytic solutions to an evolutional equation, S. G. Lerein, Dall AN SSSR 171 no. 7 1035-1036 B 466

194 ao. 5 1033-3036 19 466
Suddle points of functionals of uniform approximation, S.V. Smirnor, M.K. Portpoy, Dokt AN SSR 171 no 5 1041-1044 D 466
Statistical distributions in media distributed by alien printeles. IU. V. Guilkot. Dokt, AN SSR 171 no 5 1065-1068. It 100

Threshold behavior of partial scattering amplitude in Proissant's N/D method if M. Chennalyth Ukr fiz. zhun Il no. Il 1172-1175 N '66

Uniqueness of polynomial of best approximation in M metric G.14 IAtakhmedov Izv vys uchib zav "mat no 6477-187 466

FUNCTIONAL EQUATIONS

Functional equations of Dirichlet functions, A.F. Larry Dokt ANSSER 171 no 2 278-280 N 460

Approximation of functions using exponential polynomials E.G., Shultmeister – Izv. vys ucheb zav "elektromekh 44 no 11 1173-1160–166.

Calculation of a primitive function F.G TSkhadala. Trudy Vych (Sentra AN Graz SSR 3 40-08 162

Contriction of an incomplete Malmquist system on a real acis, M. M. Dzhrbashian - Dokl, AN Arm. SSR, 35 no 2:55-61 '62

Density of zeroes of Riemann's & -functions and Dirichlet's 1-functions near straight line of = 1 G,S Iglina 12v vys uchch zav mat no b 64-73 '66

Determining the coemcions for power functions using the method of least equates. I. L. Belen'kh, A. IA. Shemin. Mer. shor. 19 no 10: 66-67. O. 66

Distribution of calues of additive arithmetical functions, B V Levin, A S Familelb Dokl AN SSSR 171 no 2 281-284 N 'e6

Evacuation of the derivatives of rational functions, V.N., Rusak, Dokl. AN BSSR 6 no 8-477-479 Ag '62 Purther on Schwarz's formula for n-connected circular region I. O Dunduchenko Dop AN URSR no li-1383-1386 '66 Evaluation of the derivatives of rational functions, V.N.

Harvard University. Computation Laboratory. [Tables of the error function and of its first twenty derivatives] Tablitsy funktsii oshibok i ee pervykh dvadtsati protzvodnykh. Moskva, Vychislitel'nyi tsentr AN SSSR, 1065, xvi, 276 p. (Biblioteka matematicheski^{ph} tablits, no.33) (NIC)

Keldysh-type Tauber ian theorems on Cesar o averages I P Pobyvancts! Dop AN URSR no 11:1394-1399 '6

Markov yee inequality for fractional functions V.N. Rusak, Dokl AN BSSR 10 no.10-725-727 O 166

Micropropi noming of elementary functions represented by expansion in a chain fraction. A. A. Dorodnitsyna Ribernatika, no. 6, 31-10. N-D 266.

One analytic consequence of unitarity condition, O.S. Parasiuk (Iki mat.zhu 18 nu 6:128-129 166

Problems of minimulation of uneven functions. B. Bit zak, B. N. Pelintelmyi. Kibo netika no 6 53-57. Nzak, B D 166

Some properties of quist-members and of operators from quast-numbers into quastinumbers. B A Kushner Dokt AN SSSR 131 to 2 275-277 N 466

FUNCTIONS, ANALYTIC

Approximation of functions by rational fractions A.G. Vitushkin Poki AN SSSR 171 no 5 1023-1026 D 466.

Construction of current lines in the vortex interpretation of the theory of functions of a complex variable for certain analytical functions. Sh. Jonnudov. 12v. AN Turk, SSR, Ser. fiz -telch , khim i geol, nauk no. 4 12-20 '62

Remarks on one class of p-analytical functions connected with arisymmetric problems in the theory of clasticity, G.N. Polozhii. Prikl, mekh. 2 no. ii.123-125 '66,

Some recent results in approximation theory V.V. Ivanov. V. K. Zadiraka Vych mat [Kiev] no 2:3-30 '66 Tauberian theorems on G.T. Volonbi's functional method I.I. Ogiovetskii [Zv. vyc. ucheb. zav., mat no. 6:107-115 'Cc.

use of p-analytic functions in solving one problem in axisymmetric theory of clusticity for laminated finite cylinder. A 1 Kapshivyi Vych mat [Kiev] no 2;lis-

FUNCTIONS, ANALYTIC-BOUNDARY VALUE PROB-TEMS

LEMS
Danilluk, J. I. [Lectures on boundary value problems for analytic functions and on singular integral equations; for students of Novosibirsk State University] Lektsii po knaevym zadacham dila analiticieskikh funktsii i singularnym integral nym uravneniam, dila studentov Novosibirskogo Gosuniversiteta. Novosibirsk, Novosibirskii gos. univ., 1964. 225 p.

FUNCTIONS, BOOLEAN see Boolean functions

FUNCTIONS, CONTINUOUS

Houndary values of Poisson integral and convergence rate of Fourier series of continuous functions. M., Subkhankuley, L. I. Kraineva. Dokl AN Tadzh SSR 9 no. 12:3-6 166.

Connected extremum problem for class of functions representable by Stickhee's integral, V. A. Varlukhin, S. A. Kas'ianiuk, V. G. Finogenova — Izv vys. ucheb zav., mat. no 6:40-49 [66.]

Convergence of cubature processes for absolutely con-tinous and absolutely continuously differentiable functions IU 5 Ramskii Vych mat [Kiev] no 2479-185 466

Rozenfel'd, A.S., and B.J. IAkhinson. [Transients and generalized functions] Per ekhodnye protecssy i obobshchennye funktsii Moskva, Nauka, 1966 440 p

Uniqueness conditions for a certain class of functions V.S Zakharian Dokl AN Arm SSR 35 no 2 40-54

FUNCTIONS, DESCONTINUOUS

Differentiation and quasi-linear operators in a space of functions whose generalized derivatives are the space. A. I Voltpert, Dokt AN SSSR 171 no.5 1027-1029 Double

FUNCTIONS, HYPERGEOMETRIC

Confluent hypergeometric Hora's functions, M.B.Karik-vich, Dir urav 2 no.9-1239-1231 5 166.

Integral representation of generalized hypogeometric function of second order | I P Voybolay | Dop AN URSH no 11/1379-1382 166

FUNCTIONS, MEROMORPHIC
Defective non-symptotic values of meromorphic functions. A, A Goldberg Dokl AN SSSR 171 n + 4 251
257 N 166

FUNCTIONS OF COMPLEX VARIABLES

Construction of current lines in the vortex interorciation of the theory of functions of a complex variable for certain analytical functions Sh formulov Lev AN Turb SSR Ser, fir, -tekh , khim, rgeol, nauk no 4-12-20 '62

Gel'fond, A.O. [Residues and their applications] Vychety i ikh prillozhenita. Moskva, Nauka, 1988. 110 p

FUNGI see subdivision under Armenia

FUNGI, ENTOMOPATHOGENIC-CULTURES AND CHLTURE MEDIA

Mass growing of entoniopathogenic fungi. A, Eviathova, Zashch, rast, Il no, ll 13 '66.

FUNGL PATHOGENIC

Sensitivity of pathogenic actoble tay fung to antiblotics and sulfanilamides IU S Agatunova, 7 G Spicessa Antiblotiki II no II:1039-1044 N 166

FUNGI, PHYTOPATHOGENIC

Reaction of the ecological groups of melons to fungus disease. N G Gordeeva. Shor trad. asp i mal-mauch soft, VIR no. 2 288-293 [6] Survival of the Diplodia fungi of corn and the effect of some soil micro-organisms on them F.E. Nemitcalo, G.V. Grisenko Mikrobiologika 31 no. 5 891 894 8-0

FUNGL PHYTOPATHOGENIC -- CULTURES AND CUL-TURE MEDIA

Method of submerged cultivation of some phytopathogenic fungi I.N. Miusov, III V. Peruanskii Prikl biokhun i mikrobiol, 2 no. 8 699-702 N-D 166.

FUNGICIDES

New dithiocal barnete fungicides for confidling the discusses of growing plants. N. M. Golyshin and others. Khim. v. self khoz., 4, no 12 17-21. D. 166

Study of the fungicidal properties of almond essence strengthening the antifungal action of undecylenic acid Vest, derm, i ven no. 12:61-57 '62.

Systemic fungicides. S. N. Ivanova, N. L. Pornunskala, N. I. Shvetsov-Shilovskii Khim v. seli, khož. 4 no. 12:27-33 D. 156.

Use of rabbit hair in the manufacture of head scarfs.
1.B Frenkel¹. Leh. prom. no 2:28-30 Ap-Jo ¹⁶².

FUR TRADE see subdivision under Omsk Province

FURALDEHYDE

Chemical purification of furfurole-containing sewage waters. Report No. 2. IU. A. TSh lin, V A. Vasil'eva A. A lAsinskain Gidroliz i lesolnim prom. 19 no 8

Colorimetric determination of itu acillin. A, Z, Ukolova. A, A, Semenycheva Apt. delo 12 no 1:72-75 Ja-F '63.

Isolation of furaldehyde from the var residue of vacuum columns G A, Malakhov Gidroliz, i lesekhim prom 15 no 1 22-23 162.

New developments in the cooling system for hydrolyzaics. V. K. Goncharenko. Gidroliz, i lesokhim prom 15 no 4:21 '62.

Studying the formation of furfurole polymers in presence of hexamethyleneteti amine A. L. Peshekhonova and others. Trudy MKHTI no 42:137-142 '63

Third session of the Coordination Council on the Pro-duction of Furaldehyde and Polyhydric Alcohola, Gldtoltz, i lesokhim prom 15 no 4 30-31 162

Preparation of substituted tetrahydrofurans by hydro-genation of 1, 2-dicarboxylic acid anhydrides V M. Dashunin, R.V. Maeva, Trudy VNIISNDV no 7 43-

Structure and odor of some mono- and disubstituted lactones and tetrahydrofurans. V. M. Dashanin and others. Trudy VNHSNDV no. 7 77-85 165.

FURAN (Continued)

Synthesis of some im an analogues of jumpal R. I. Katke-vich, S. P. Korshunov, L. I. Vereshchagin Zhor VKHO It no 6 705-706 '66

Treatment of despensia in calves using the ated antibiotics and introducing P E Kozhin, V I Scrobin Veterinaria 43 no 1 70-73 Ja 167

FURAN-TOXICOLOGY

Toxicity of preparations of the nitrofuran series to animals. V.S Khomenvo Veterinarila 13 no 12 54-55 D 166

FURANPROPIONIC ACID

Transformation of A-ful vipropionic acid esters in hydrogenation on some catalysts. N I Shuikin and others. Dokl AN SSSR 171 no 2 364-365 N 466

FURAZOLIDONE

Rainberga, K.nate, and Inta Petersone [Furazolidone in animal husbandry] Furazolidons lopkopika Riga, Ziratne, 1966. 53 p [In Latvian] (DNAL)

FURNACES

Aerodynamics of the minace of the DIAR 6/19 boiler and its effect on heat exchange during gas fring 5 V Roymskii 17v vys ucheb 7av , energ 9 no 11 102-107 N 166

Chromatographic gas analyzer for continuous combustion control. Zh. I. Gokhberg. Elek sta. 37 no 11 17-19 contra! N '66,

Study of convective heat evchange in vortical heating systems P M. Mikhailov, E N. Sabuto. Izv vys. ucheb zav., energ 9 no H H0-H3 N 266

Using gas-fired heating and heat treatment furnaces instead of electric ones K. A Paviluk. Gaz prom. 11 no. 11: 32-36 466.

Using the method of mathematic modeling in necestigating the dynamics of combined caseades connected automatics ontiol system of an atmospheric tibular furnice 1 °C. Bragimov, A.G. Abilov. Zatickh prog. 5 no 12 11-14 D 168

FURNACES-COMBUSTION

Acrodynamics of the vortex chamber. M. A. Gol'dshtil, A.K. Leont'cv, I.I Paleev, Teploencigetiki 8 no. 2 40-45 F '51.

FURNACES-MODELS

Optical modeling of radiant heat exchange in furnaces, 1.A.Vulla, A.M.-Gurvich, V.G. Klinger. Teploenci-getika B no. 2:67-71 F '61.

FURNACES, HEATING

Organization of work in the heating department of a blooming mill. I.A Krass. Ekon, t mat. m. tod 2 no. 6.925-934 N-D '66

FURNACES, HEATING-DESIGN AND CONSTRUCTION

Determining the optimum length of a holding funnce bottom. N.IU. Taits, A.G. Sabel'aikov. Lzv vys ucheb zav "chern. met, 9 no. 12,136-141 166

Effect of conditions of entrance and exit of the heating flow on act odynamics of vorte—type heating furnaces, P. M. Nikhailov, E. N. Saburov, Kuz, -shiam, proizv, 8 no 12:40-42 D *166.

FURNACES, HEATING-TESTING

Results of industrial testing of an automatically con-trolled furtace for noneddizing metal beating V. Halashov, V. A. Bigomolov, S. P. Ranin 12v vys. ucheb, zav., chem. tuet. 9 no. 12:136-158 466

FURNITURE

(see also subdivision under Ukraine)

Manufacture of furniture, A Shepelev, Sel', stroi, 16 no 11 insertif-7 N '61.

FURNITURE INDUSTRY

(see also subdivision under Kiey; Odessa; Ukraine)

H3 draulic press for bent and glued blocks. Sh I Amzoev. Der. prom. 15 no. 12 24 D 168

Medvedev, M.E., V. F. Pavlov, and T. V. Kolokolova.

[Finishing furniture parts with polyector varnishes and cnamels] Oldelka detalet mebell policinymi ha act i cmaliamt. Moskva, TSentr, nauchno-isal, in-t informatsii i tekhniko-ekon isaledovanii po lesnoi, tselliulozno-bumazhnoi, derevoobrabatyvaiushchel promyshi i lesnowu khoz, 1965—39 p. (Derevoobrabatka)

[MICROTILM]

Semiautomatic line for varnishing and drying furnture panels. V M Nodel man, I, M Mel'nyk, A I khyzhyn Lis. hosp., lis., pap. i der prom no 6.7-8 N-D 166

FUSARIC ACID—EFFECT ON PLANTS see Plants, Effect of fusaric acid on

FUSARIUM

Biochemical activity of mutants of Fusarium moniliforme Sheld, A.A. Implicateskit, O.M. Ulianova, Mikrobiolo-gita 31 no. 5-832-837 S-O 162.

Susceptibility of winter wheat to fusarium infection.
A. F. Shulyridin, Sellthoz, biol. 1 no. 6;851-854

Crystalization of nickel on cathode in the electrolysis of fused chiorides. IU, V. Baimskov, I. V. Tomskikh, Elektrokhimila 2 no. 11;1347-1349 N 166.

Interaction between telravalent uranium and matter chloride - fluoride NaCl-KCl-NaF M V. Smilnov, A P. Fortushin, V. F. Komanov Atom, energ. 21 no 6 176-178 D 166

Oscillugiaphie politioscopy of fluoride-chloride melts continuing soluble compounds of thankir 10, K Definitively, R V Cherno. Uki khim, zhur 32 no 12 1285-1291 166

Structure of fused salts. Part 1: Alkalı metal halides. M. V. Smirnov, O. M. Shabanov, A. P. Khaimenov. Elektro-himila 7 no 11 1740-1348 N. 466.

Surface tension of fused saits, I D Sakolova, N.K. Voskiesenskaia Usp.khum 35 no 7 H86-1203 J1

GABBRO

Gabbie as fertilizer for corn. P.S. Pogrebnial, O.A. Fomina: Pochy usf. reffek, udob no. 1 156-161 *63.

GADOLINIUM BORIDES

Characteristics of vacuum metallurgy for producing and rectain properties of yittium and gaudinium holdes. R.M Mencils and others Porost, met. 5 no. 11 77-81 N 466.

Nature of a new feature in galaxy M 81 B. A. Vonontsov-Veltiaminov Astron zhur. 43 no 6 1318-1319 N-D

GALAXIES-SPECTRA

Thermal radio emission of NGG 595(M 33) and NCC 4258 (Mi06) V N Kuintchik Astron tan, no 308 5-8 N

GALILEI, GALILEO, 1564-1642

Discourse on things that float F Nesteruk. Rech transp. 21 no 7 53-54 Jl 162

GALL GNATS

Injury of apical oak buds by gall midges Arnoldiola quer cus (Binnie) and Dasyneura dryophila (Rbs.) Shutiaev Zool shur 15 no 11 1729-1731 466

GALLBLADDER-DISEASES

Lifect of streptomy can on the exidation-reduction process in angiohepatocholocystitis patients. G A. Abdullabekov Areab med zhu: 40 no 9:53-57 S '63.

Importance of vitamin B12 and of its combination with mission acid in a compound it catment and normalization of oxidation-reduction processes in hepatorbolerys-title B.S. Agacy Azerb med zhut no 8 21-20 Ag 462

Pathogenesis of bilingy per itonitis and cholecystitis caused by the en. ymatte netion of paner eath juice. V.A Troitskais, T.V.Shook Pat, fiziol. i eksp ter sp. no 3: 60-63 '61.

Treatment of complicated for me of cholecystitis by the intra-actic administration of drugs V. A. Ivanov, M. N. Molodenkov Khirargila 39 no 2:129-132 F '63.

GALLBLADDER-INT LAMMATION

Chanokova, E. F. [Anglocholecysitis in children] Anglo-kholeisistiiy u detei. Moskva, Meditsina, 1966, 278 p. (Biblioteka prakticheskogo vracha)

GALLIUM

Behavior of hydrogen peroxide solutions with respect to metallic gaillum and indium, 1.1, Voltaov, B.S Działkevich, Zhur, fiz, Fhim, 40 no. 11 2007-2009

Study of the structure of double electric layer on gallium by method of electrocapillary outwes. A M Motozov, N.B.Grigor'ev, I. A. Bagotskala. Elektrokhumita 2 no 11,1235-1235 N '66.

GALLIUM ANTIMONIDES-ELECTRIC PROPERTIES

Phenomenon of secondary tunneling in GaSb M. F. Badalov, M. A. Rzaev I iz tver tela 8 no 7:2218:2221

GALLIUM ARSENIDE CRYSTALS-GROWTH

Growing epitaxial gallium at senide films Kh. A Magome-dov. N N Sheftal³ Rost kriet 6:388-392 '65

Preferred direction of growth of gallium arsenide crystals V. A. Presnow, V. A. Selivanova, S. S. Khludkov. Rost Prist 6:275-280 '65

Use of sublimation method in producing epitaxial and macrocrystalline gallium as senide films — L. G. Lavi enti-eva. M. D. Vilisova — Rost krist — 6:340-347 - 165.

GALLIUM ARSENIDES

Effect of impurities on the mobility of dislocations in surface layers of GaAs single crystels M. G. Mill'vid-skii. V. B. Osvenskii. L. P. Kholodnyi. Izv. AN SSSR Neorg. mat 2 no 11,2067-2089 N '66

Optical and temperature dependent quenching of radiation recombination in gallium arsenide. A. N. Sevchenko. V. M. Lomako. V. D. Tkachev Dekl AN BSSR 10 no 9: 641-543 S '66

GALLIUM ARSENIDES-SPECTRA

Kinetics of recombination radiation from nonequitibulum current carriers in GaAs p--n-junctions A N, Imenkov and others. Fiz tyer tels 8 no 7:2098-2103 Jl '66

GALLRIM COMPOUNDS

Polarographic study of composition of complex gallium ion in chloride solutions of prioratechol. A.I Zillanskan, I. 1 V. Kukalo. Zhui anal khim 21 no 10 1191-

GALLIUM CRYSTALS-GROWTH

Mechanism underlying growth of gallium crystals from melt G A. Mintsev, D F. Ovsiento, Rost krist. 237-211 165

GALLIUM PHOSPHIDE CRYSTALS-GROWTH

Metallographic study of gallfirm phosphide Crystals grown from gascous phase A V Lishina, S, A, Medvedev Rost ki ist = 6:239-243 | '65

Mcthods for growing gallium phosphide crystals - III L. Il'in. D. A IAs'kov - Rost krist. 5:231-238 - 65

GALLIUM PHOSPHIDES

Determination of impurities in gallium and indum phosphides B.D Brodskara and others. Zhur and khim 21 no 12 1447-1452 '66,

Liffect of certain factors on the process of formation and growth of gallium phosphide ingots III, L II'in, V, S Sorokin, D, A IAs'kor Iv AN SSSR, Neorg mat 2 no.11:1839-1943 N '86

Electron diffraction study of thin semiconductor galli un phosphide films V P. Klothkov and others Uki 112 zhur, 11 no 11 1200-1253 N 166

GALLIUM SELENIDE CRYSTALS-GROWTH

Production of GaSe single crystals and determination of their elastic parameters 14h M. Kaalilov, K.I Rzaev, Kristallografija 11 no 6 029-931 N-D 166

GALLIUM SELENIDES

Some physical properties or bolid solutions Ga_Se_3 - Gagle_3 M. A. Aidzhonov. P. G. Rustamov. Lev. AN SSSR, Neorg. mat. 2 no.11;2082-2033 N '66.

GALLRIM TELLURIDES

Some physical properties of solid colutions Ge₂Se₃ - Co₂Te₃ M. A. Alidzhanov, P. G. Rustamov Ly, AN SSSR, Neorg mat 2 no 11,2082-2083 N '66.

GAMARNIK, IAN BORISOVICH, 1894-1937

The beginning of the road, F. Gamainik, K. Hogomotova - Gunarnik Semila i ahkoli 21 no 12 2-3 D 166

GAME AND GAME BIRDS

(see also subdivision under Russia, Northern)

Density of game animal population, feeding capacity of hunting grounds and dorn up done to forests by game animals A.B. Bubentk Biol. i prom. losin no 2:265-280 '65.

GAME AND GAME BIRDS ... PARASITES see Parasites ... Game and game birds

GAME THEORY

Differential games. C.N.Simakova. Avtom.i telem. no. 11 461-177 *66

Microprogramming of elementary functions represented by expansion in a chain fraction A, A Dorwhitsyna Kibernetika no 6 31-40 N-D 166

Game and its role in the psychic development of the child, I.S. Vygotskil Vop. psikhol. 12 no. 6:82-76 N-D

Organizing the children's activity during their games. M. Igritsknia. Doshk. vosp. 39 no 12 H-13 D *66.

GAMES OF STRATEGY (MATHEMATICS)

Determining correlations between seismic prospecting and boring is a problem in the theory of strategic games

I. G. Klushin. Zap L.G. 50 no 2.74-80 '66

GAMMA GLOBULIN

Fifect of complex compounds of microelements on inten-sity of C¹¹ - glycine inclusion into gamma globulin and atty of C¹¹ - gly cine inclusion into gamma globulin and antibodies of nontractized and tractated ats A I Nikolaev, S. M. Klaitfoev, Kb. B. Mikhommedyhanov Radiobiologita 6 no 8:802-803 fis

Effect of nonspecific gamma globulin and trace elements on reserve akalinity in the blood of raives. M. E. Kondrattev. Voterinartia 43 no. 12:50-60 D 166.

Microglobulin synthesized by complexes of cellulose-fixed reptide chains of yG-globulin and corresponding antibodies R. S. Nezlin, L. M. Kul'pina Biokhimita 31 no 6 1257-1263 N-D '66

Synthesis and properties of morcaptopurine globulins E.D Kaverrneva, V V. Kiseleva Biokhimila 31 no 6; 1204-1208 N·D '66

GAMMA GLOBULIN-THERAPEUTIC USE

Bogdanov, I. L. [Immune gamma globulins in the treatment and prevention of infectious diseases] Immunaye gamma-globuliny v terapii i profilaktike infektsionnykh boleznet, Kiev, Zdorov'ia, 1965, 166 p. (DNLM)

Effectiveness of a reduced dose of gamma globulin (I mt) in the provention of measles G.V. Ignat eve and others Zhui mikrobiol , epid. 3 immun 43 no 15:144-145 N 166.

GAMMA RAYS

- $I=I_{\rm c}$, in other phase constraints of the enembed of $I_{\rm c}$, and in $I_{\rm c}$. It is Pilling a Biomora with $I_{\rm c}$, and
- GAMMIA PAYS-EFFECT ON PLANTS SEE PIRES. Effect of cammer rays on

GAMMA REASSED DESTRIAL APPLICATIONS

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the of the contributery effect of seaticred radia-1 S Ru r Figur 1 for 21 no b

Vereteanth, D.G. [Ways for the automation of determining wood defects by examining them with gamma and X rays.] Puth automatizatish opredeleniin porokon dreveanth, metodom prospectivamia gamma i renigentivami. Kirov [Volgo-Viatskoe knizhnoe (zd-vo.] 1955 81 p

[MICROFILM]

GAMMA RAYS-PHYSIOLOGICAL EFFECT

- learning in the next to exceptioning to discontraction of the next to the continuous chronic color for the resistance of the continuous chronic color for the resistance of the learning transfer of
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- Fig. 8 of ms. Alai pernicability toffosing combined more-bod summo irradiation at 4 humbs. F. P. Stepa-n. A distriction is 0 to 5.776-758 (60)
- I see of proper me and irradiation on anifests of pitting trological of Flatiko F F Romantsev Radio
- Pret pt production in radiol minescence of tryptophan GM Pais rulem A I Modalkin Radiobiologia & ro 5 filt- 74 46
- Frequency of the development of mammary gland tumors u rd _ is related to the dose of external irradiation.
 R & Trirner, Vop. railebiol 4 337-346 '61.
- Invial longing radiation damage of nuclear structures. B Stratterston, V A Struchkov, G 3 Kalendo Raitobiologia 6 no 6 783-789 '66
- fairo de astation as a quantitative criterium of radia-tion danage Report No l. Tire selection for plotting cor.essuscritect E N Isbaro. N. N. Perestoronna. V G Gorbuno a' Radiobiologia 6 no 6 779-782 '68
- Transairs of rautation-induced degradation of DNA macron observes in solutions B P Ivannik, N I Risb-Penko Radiobiologiia 6 no 6-913-915 '66
- *loudying effect of scrum proteins on desage relationship in radiation it, revolventhroughes L. V. Orlova, K. S. Irinder Redictiologia 6 no 5:915-918 '66
- Condition phosphore lation in liver mitochondria of irre-diated rats and tolloling "aging" of interestructures T V Supracola F.F. Homartsey Radiobiologia 6 00 3 578-631 '66
- Palipprotective effect of bacterial nucleic acids and their derivatives following gamma is radiation of laboratory animals. M A Tumanian and others. Radiobiologia 6 ab 5 712-717 766
- Strengthening the blastomogenic action of urethane by alministering it to mice long after the effect of pene-trating radiation. N V Kozlova Vop. radiobiol 4: 372-336 461

GAMMA RAYS—SPECTRA

Delayed y-radiation from Uses fission fragments on slow restricts, L.A. Popeko and others. Izv AN SSSR, Ser.

ЗE

culation in telegamma Vop. onk. 12 Use of gangliolytics in the sungical treatment of nortic conclution N. A. Meshcheriakov and others. Khirurgiia 39 na 2 79-84 F '63

GARDENING

It is good to know. M. Bochenkova. V mite knig 6 10 10:24 O 106

(see also subdivision under Caucasus)

Graving and some properties of ferromagnetic single crystals of Bi_{3-2x}Ca_{2x}Fe_{5-x}V_xO₁₂ gainets. A G Titova, \ P. Erastova, R A Petrov | Izv. AN SSO Neorg mat | 2 no 12 2260-2261 P 166

GARNET CRYSTALS-GROWTH

Characteristics of growth of ytti ium aluminum garnet S Sh Gendeley: A G Fitova Rost hilst 6:78-101-165

GAS, NATURAL

(see also subdivision under Krasnodar Territory; Lacq region, France, Siberia, Western; Tyumen' Province, Uzbekistan)

- Bunning of natural gas in pulverized coal furnaces, A.K. Vrukov and others Teploenergetika 8 no. 2:36-40 F '61.
- Companison of unit expenditures of electric power and gas in heating processes. A.S. Nehlasov, IU.V. Siniak, Prom, energ. 16 no 14-9 Ja '61.
- Production of ethylene and propylene from casing-he gases, A L Rabkins, V I, Kuz'min Trudy IGI 195-200 '62.
- Prospects for and the economic effectiveness of the use of natural gas in founding L V. Semenov, V M. Popov, 1 rudy JGI 18:212-221 169.
- Using reducing capability of natural gas in smelling phosphorous basic pig from PN, Tikhomirov Stal' 25 no 12 1082-1086 D '66

GAS, NATURAL-COOLING
Methods to calculate heat exchange of evaporator for cooling natural gas E. A. Budagian Gaz, prom. 11 no. 11-7-10 166

GAS, NATURAL COSTS

Concerning an aiticle on a method for calculating the cost of oil and gas production M M, Mustafaev A S, Akhundov Azerb neft khoz 42 no 7 4-6 Jl 163,

GAS, NATURAL-GEOLOGY

AS, NATURAL—GEOLOGY
(see also subdivision under Arys' Valley; Basikkiria;
Caucasus, Northern; Crimea; Dnieper-Donets Lowland; Fergana Valley; Komi A.S.S.R., Kura Lowland; Kyzyi Kun; Lvov Province; Orenbug Province;
Shebelinka Gas Field; Sheria, Eastern; Turkmenistan; Ukraine; Volga Valley; West Sherian
Plain; White Russia)

- Akademila nauk URSR. Institut geologil i geokhimil goriuchikh iskopaemyki. Problem of petrofemm and gas origin and the formation of their commercial pools! Problema profskhozhdenim neki i gaza i obi azovanfe ikh promyshlemykh zafezhei Kiev, Naukova dumka, 1966—185 p
- Determining the mean value of parameters of a pool depending upon their variability and the positioning of wells. M. N. Kochetov, Mat. GKZ no. 1.78-90 166.
- Determining direction of condensate gas migration. A. S Velikovskii, IA. D. Savyins Gool nefti i goza 10 no 11-56-59 N ¹05
- increasing oil resources is main object of petroleum production industry in current five-year plan, natorials of geologic conference in Krasmodar. E. A. Shchevik, T V. Podpaskova Neftegaz, geof i grofiz no. 12:29-32
- Institut geologii i razrabotki gorluchikh iskopaemykh.

 [Facies and conditions of formation of oil- and gasproducing series] Fatsii i usloviia formirovanila neftegazoproizvodiashchikh svit. Moskva, Nauka, 1906.
- Necessity of defining more accurately conditions for estimating gas reserves by pressure drop method, V.N. Samartsev. Mat. GKZ no. 4-76-77 166.
- Prospects for fidning new oil and gas fields in central areas of European part of U.S.S.R. A A Bakirov and others. Sov. geol. 9 no. il. 3-9 N 166

GAS, NATURAL—PIPELINES

- Change in control scheme of gas cocks in contribugal supercharger manifold. V. Te, A. M. Smoliak, Gaz prom. 11 no 11,24-25 166
- Determining the duration of the evacuation of gas pipe-lines. M.1. Breshman. Nett. 1 gaz. prom. no. 1:69-72 Ja-Mr '63.
- 12 Ja-Air 63, Use of synthetic materials for gas pipelines. B. I. Losev, M. L. Monina. Trudy IGI 18:237-232 182.

 M. L. Monina. Trudy IGI 18:237-232 182.

 Brekhman, V. V. Gordiolkovskii. Neft. 1 gaz. prom no. 3-73-78 JI-3 163.

GAS, NATURAL-PURIFICATION

Obtaining pure methane from natural gas. At M. Kullev and others Azerb neft khoz. 42 no. 7-41-43 JI 183

GAS, NATURAL-SEPARATION

improving performance of low temperature separator units. A. P. Agishev and others. Gaz, prom. 11 no. 11: прго, units, д.

- Nomest applient that of determining contills into constant coming again in common of determining equilibilities constant in order to calculate conditions of gain acquiration in per-conglemente fields—E. D. Rupearanov—Azorb nett. 11 in 45 no. 0,30+32. S. 766
- GAS, NATURAL-STORAGE see subdivision under Dieralne

GAS AND OIL ENGINES-FILECTROMECHANICAL ANALOG RES

Using the electric modeling method for determining the using the electric modering mention for decembing the temperature field of internal combustion engine in he-ings. I.A. Ko. doba, V. S. Semenov — Intergent of the supports I no 1:47-18 Ja '61.

GAS APPLIANCES

Gradikov, A.A. It spectioned in planning a gas a system for an aptiment house without estimated cost [Opyt pro-ektinovanila gazooborudovanila zhilogo doma bez uract Moskva, Strollzdat, 1966 37 p.

GAS AS FUEL

(see also subdivision under Azerb rijan)

- Intensifying heat exchange in gra-street pig is on amelting furnates. B A Noskov, H I, Politic, Gaz, prom. H no.11:36-38 %
- Using gas-fired heating and heat treatment furnacen instead of electric ones. K. A. Pavliuk. Caz, prom. 11 no. 11.52-36 his

GAS BURNERS—SAFETY MEASURES

Cutoff of goo during nervice follures of burnois. V. D. Semenenko, B.B Nidzvetakii, A.I Gudov. Roka 1 Shim, no 10151-55 466.

GAS CHROMATOGRAPHY

(see also saidlytation under clerning, flast)

- Audists of a mixture of high openolysis products of 25-history-2 (17 figuramethy) flavour by means of gas thromatography A.S. Leshchter, F. A. Rudelfft, V. I. Leshchik, Trudy WRISNIV no 7/16/-105 65
- Analysis of a mixture of 1-undecanol and 2-methyl-1undecanol by govern country and the A. Shutikova Trudy VNIISNOV to 7 155 157 265.
- Analysis of alcohols of 1000 oil by means of gas charged tag only T. A. Rudol'ff and others. "Frudy VERPS, 119, no. 7, 157-161, 165,
- Analysis of amines by means of gas-liquid chrotantsgraphy An. N. Neumetanov, 1. N. Avdoulina, Vrat. Meak an. Ser. 2: Khita: 17 no. 4:36-10, S-O. 162.
- Berezkin, V.G. [Analytical reaction gas chromatography] Analiticheskaŭa reaktsionista pazovala kiu omatografita Moskva, Nauka, 1966 183 μ
- Chemical concentration in gas chromatography for determination of microimpurities V.G. Berrekin, O. I. Gorshunov, Zhur anal.khim, 21 no 12 1401-1400 (co.,
- Chromatographic unalysis of mixtures of gaseous hydroaromatographic internal of internal graces O V carbons with non-hydrocarbon and other graces O V Kaminsika, Khim, prom.[Ohr.] no. 3:82-65-74-5-467
- Comparison of gas-adeotytion and gas-liquid chromatog-raphy of identical mixtures A.V. Kipeley and other c. Zhur, Gz. khim. 10 no. 11;2810-2914 N 466.
- Composition of interempurities in converted #ps and condensates of low temperature aggregatus. G. 5 Beskova, 1.12 Rusha, Ishim, prom. 42 no. 12:004-005 D *06.
- Determination of purity of manocthylone alycol and tricthylene glycol by gas (hiomatography, E. M. Perepletchikova, A. IA, Lazaria, Zhuz anni khiia, 21 no 10 1280-1281 199
- no telegrater on the modulets of the catalytic synthesis of divinyl beneau and styrone 1, K. Lavrovskaja, A. A. Bolandin, G. M. Marukian Neftelbi-mito 3 no. 5:702-705 8-0 63
- Gas chromatographic melliod of determining solubility in volatile liquida, G. A. Ku te bi, A. V. logansen, 2 htt. fiz, khim. 40 no. 11/2928-29 io N /66
- Gas chromatographic separation of hydrogen isotopes, K.L. Sakodyriskii, G. Carloni, A. Pela, Zhur, Az, khim, 40 no. 11:2867-2888 N '66.
- Gas chromatography of inomeric allyhyprocatechola, T. A. Rudol fl. A. S. Leshchiner, V. I. Lashchik, Trady VNIISNIV no. 7:151-151 '95
- Gas chromatography of some bicyclic ketones. A.S. Leshchiner, T. A Rudolffi, Trady VNIISMIN no 7:165. 160 '65.
- Gas-liquid chromatography of C_5 -C7 alkanes. A, N, Korol'. Neftekhimita 1 no.5:845-841 S-O $^{\dagger}63$
- Method of analysis of low molecular weight gases in a combined chromatographic gas analyzer, A.P. Sechenov, N.N. Bunha, V.S. Allishufer, Trudy IGI 18:283-258 62.
- Relation between the effectiveness of packed capillary columns and experiment parameters. V. G. Beerzkin, A. T. Sviatoshenko, L. N. Klement evskala. Zhur. anal. khim. 21 no. II:1307-1374 169.
- Torocheshnikov, N.S., and V.A.Semenova. [Methods of analysis of combustible gas mixtures] Metodika analiza goriuchikh gazovykh smosol. Moskva, Mosk. khimiko-teahnologicheskilin-t, 1965. 27 p. [MICROFILM]

GAS CONDENSATE FIELDS

Determining direction of condensate gas inigilation Veliko skil, IA D Savvina Geol nefti i gaza 10 no 11. 55-59 N 10A

GAS CONDENSATE FIELDS-EQUIPMENT AND SUP-

Amomation block for group units in gas condensate fields. B. 4 Kryzhanovskii, IU P Doroteev Mash i neft thor no. 9:25-31 '66

GAS CONDENSATE OIL WELLS

Somegraphic method of determining equilibrium constant th order to calculate conditions of gos at paration in gos-condensate fields = E F Ramazanov - Azerb nett khoz 45 - go 3:30:32 | S | 166

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Deler maing integral absorption coefficients of an heated
by strong shock waves A I Petrukhin, V A Proskuria
ko. Zhur ekspatuor iiz 51 no 54348-1357 N 466

Vitrations of plates in a gas flow. G. A. Marchento, A. P. Filippov. Prikl, makh. 2 no. 11:133-137 466.

GAS DYNAMICS-ROUNDARY VALUE PROBLEMS

Frankl's problem for Lavrent'ev's equation in infinite region N M. Flaisher liv vys ucheb /av ,met no 6 152-156 /66

GAS FIELD BRINES

Tkhostov, B.A. [Initial reservoir pressures and geohy-drodynamic systems] Nachal'nye plastovye davlentia i geoglidrodinamicheskie sistemy. Moskva, Nauka, 1965. 267 p.

GAS FELD DEVELOPMENT
Flow of gas-flouid mixture through fithological "window," G. P. Guscinov, G. A. Gamidov, Azerb neft khov, 15 ro 12 18-21 D 166,
Gas saturation with water under formation conditions in

gas pool development. V I. Popov. Gaz. prom. 11 ro 1146-17 '66,

GAS FIELD FLOODING

Machanism of flooding gas from porous media. IU, V, Zhaltov, V, N, Martos, A I Frolov. Gaz prom li no, Il-12-16 '66.

GAS FLOW Calculation of heat and mass transfer in gas flow in the presence of chemical reactions. V I, Islomin Khim, prom Ukr. no, 6 29-34 N-D 166.

Calculation of one-dimensional gas flow in a channel of varying cooss section taking friction and heat transfer into account. I. I. Mezhirov. PMTF no. 3:92-95 My-Je 162

I aboratory method of testing the wearability of adsorbents, M V Fedotov, Trudy IGI 18,259-261 '62

GAS INDUSTRY

(see also subdivision under Turkmenistan;

Entering the year of the 50th anniversary of the Great October Revolution Neftianik il no il 1-2 N 166,

Filkin, V.I. [Petroleum, gas, and petrochemical indus-tries and their role in creating the productive forces of communism) Nottiannia, gazovata, notickhimicheskala industrila i ee 101 v sozdanii profezoditel'nykh sil kommunizma. [Greznyi] Checheno-Ingushskoe knizhnoe izd-vo, 1965. 77 p.

Forty-ninth anniversary of October Revolution, Gaz, prom 11 no. 114-2 '66,

Honorary title and honorary diplomas to workers of petroleum production, gas processing, and oil refining undustries. Neftianik II no. 11.9-10 N '66

Scientific and Technical Association of Power Engineering, A. Isserlin. Gaz. prom. 11 no 11:3 of cover 166.

GAS MANUFACTURE AND WORKS-SAFETY MEASURES

Pay unremitting attention to ventilation during the treatment of patroleum and gas. D.D.Nikulin. Bezop truda v prom. 7 no.5:7-8 My '63.

Organizing work of line walkers of city gas mains. V. A. Smirnov. A. IA. Cherkasova Gaz, prom 11 no. 11:26-29 188.

GAS PRODUCERS

Studying the methods of the output control of a free piston gas generator. B.V.Vasil'ev. Teploenergetika 8 no. 2:20-24 F '61,

GAS TURBINE DISKS

Performance study of disks of GT-700-4 turbo-unit under conditions of steady creep. V. D. Dobrokhotov and others. Gaz. prom. 11 no. 11:21-24 466.

GAS TURBINE LOCOMOTIVES

Present status of prospects for developing gas turbine traction E. T. Bartosh. Zhel, dor transp. 48 no. ll-34-40 N '60.

GAS TURBINES

(see also subdivision under Switzerland) Experimental study of the heat to ansfer in the external gland zone of gas turbines, F. I. Sheinin. Friengo-mashinostroeme 7 no. 1/25-27 Ja '61.

I chathwise libbed tubular surfaces for regenerators and water preheaters of gas turbine systems. O.A. Kremey, N.V.Zozulia, A A Khazin Fnergomashinostroenic 7 no 15-8 Ja '61

Thermodynamic study of the indices of high-temperature gas turbine engines under conditions of partial leading N.S. Zhdanovskii, A.I. Kovrigin, V.S. Shkrabak, Zap, LSKII 96-45-53 '65,

GAS TURBINES-COOLING

External steam and evaporation cooling of gas turbine blades, V.A.Zyhin, V.S.Divydov, Energomashinostroenic 7 no.128-30 Ja 161.

Selecting the optimum air temperature behind the air confers of gas-turbine systems. V. A. Shvarts. Encreomashinosti cente 7 no 1 36-38 Ja '61.

GAS TURBINES-TESTING

Studying gas turbine stages with a low D_{CP}/1_p ratio. Kh, L, Babenko, Teploenergetika 8 no. 2 24-28 F 161 Testing the performance of the volded rotor of the experimental FGTU-700 type gas turbine developed by the Central Scientific and Research Institute of Technology and Machinery, A. P. Dinerman, G. N. Mermov, V. A. Toropov, Energomashinostroenie 7 no 131-34 Ja

GAS WELL DRILLING see subdivision under Shebelinka; Ukraine

GAS WELL LOGGING, RADIATION see subdivision under Yakutla

GAS WELDING AND CUTTING

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GAS WELLS-ACIDIZATION see subdivision under Shebelinka Gas Field

GASEOUS PLASMA see Plasma (Ionized gases)

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Milar volumes of niti ogen-hydrogen mixture containing methane, argon, and ammonia. D S TSikits, L.R. Linshits, I.R. Rodkina, Zhur, II., khim 40 no 11 2915-2918 N '66.

GASES-ANALYSIS

Composition of gases obtained in the high-speed pyrolysis of some high molecular weight substances. I. F. Hogdanov, M. L. Mishchenko, I. 1 Faiberov. Trudy IGI 18:29-33 162,

Torocheshnikov, N.S., and V.A.Semenova. [Methods of analysis of combustible gas mixtures] Metodika analiza goriuchikh gazovykh smeset. Moskva, Mosk. khimiko-tekhnologicheskii in-t, 1965. 27 p. [MICROFILM]

GASES --- ADSORPTION AND ADSORPTION

Ramm, V.M. [Absorption of gases] Absorbtsila gazov. Moskva, Khimila, 1966. 767 p.

GASES-COMBUSTION

Effect of solubility of gaseous decomposition products on laws governing combustion of condensed substances O B IAkushova, C. I. Maksimov, A. G. Meizhanov Fiz gor. i vzi yva no 3·125-129 '66

Studying normal fiame velocity of methane-air mixtures. at high pressures. V.S. Babkin. L.S. Kozachenko Fiz gor i vzryva no 3:77-86 '66

GASES-PURIFICATION

Purifying pyrolysis gas of acetylene compounds by amination, L V. Talisman, R. G. Stepanov, N. N Ostankova, khim. i tekh, topt. i masel, 11 no, 11; 13-15 N 166.

Results of the testing of multipolar electric filters, N.G. Zalogin, I. L. Tarnavskii, G. S. Chekanov, Teploenergetika 6 no. 2;29-35 F '61,

GASES—SE PARATION

(see also subdivision under Bitkov Oil Field)

A wider introduction into industry of low temperature separation of gas. IU.N.Ovsiannikov Bezop, truda v prom. 7 no.5:5-7 My '63

GASES-THERMODY NAMICS

Equation of state of real gas and liquid in approximation of modified setf-consistent field. 1, P. Bazarov. Zhur. fiz. khim. 40 no. 11,2749-2752 N '68.

GASES, ASPITYXIATING AND POISONOUS

Pstablishing standards for the poisonous gas contents in explosion products, B. D. Rossi. Berop trada v prom. 6 no 5:22-24 My 162

GASES, COMPRESSED

Measurement of moier volumes of gases in gas mixtures at high pressures. D.S. TSikits, L.R. Linshits, I.B. Rotkina Zhur, fiz khim 10 no. 11 2823-2828 N '66.

Computation of the energy of neon and a gon adsorption by colite NaA P Broter, A, V, Kiseley, A, A Lopati Dokl, AN SSSE 171 no 5 1126-1129 D 466, 1. A Lopatkin.

GASES IN SOILS

Soil respiration as one of indices of its biological activity 1 Sh Galstian Soob Lab agrokhim AN Arm SSR no 1:33-43 '61

GASES IN PLANTS see Plants, Gases in

GASES IN THE BLOOD see Blood, Gases in

GASOLINE

High temperature oxidation of natural gasoline. S. F. Vasit'ev, A M. Mosin. Trudy IGI 18-110-114 '62,

Oudative pyrolysis of low-octane gasolines. S.F. Vasillev, A.M. Mosin, N.A. Lopides. Trudy IGI 18:115-118 '62.

GASOLINE-ANTIKNOCK AND ANTIKNOCK MIXTURES New dyes for ethyl fluid and ethylated gasolines. E.I. Zabrianskii and others. Khim, t tesh, topl, i masel 11 no. 11:52-51 N '66

GASOLINE SERVICE STATIONS see Service stations

GASTRIC FISTULA see Fistula, Gastric

GASTRIC JUICE

Gastric secretion following the chronic action of small concentrations of hydrocarbons G S, Allev Azerb med zhur 40 no 2:21-30 F 463

A simple method for the continuous recording of gastric juice flow. L. V. Itina Dokl. AN BSSR 6 no. 6 389-391 Je '62.

GASTRIC JUICE-THERAPEUTIC USE

Effectiveness of the use of gastric juice. Kh.K.karamov, M.I. Mutin. Veterinarita 43 no. 11.62 N 466.

GASTROENTEROLOGY—CONGRESSES

Constituent Conference of All-Union Society of Gastro-enterologists, June 8 - 10 1986, Minsk K I Shirokova Sov med 29 no 12437-130 D '66

GASTROINTESTINAL HEMORRHAGE

Combination of ulcerous gastrointestinal hemourhages with perforated ulcers C. V Lutshevich Sov. med 26 no 3;32-35 Mn '63

Differential diagnosis and the treatment of acute gastric hemorrhages F.G. Uglov, S.S. Sokolov Trudy Inst im. N. V Sklif 7 62-68 463.

Gastrointestinal hemorrhages of nonulcerous ettology. B. A. Petrov, E. I. Gallperin. Trudy Inst. im. N. V. Sklif 7 33-38 '63

Hemmorhage from gastric and duodenal ulcers, B. Batta-carya Trudy Inst. im, N V Sklif 7 74-76 463. Limits for radicalism in the surgical treatment of perforations and ulcerous hemorrhages, A. Trudy Inst. im. N. V. Sklif. 7 53-58 '63,

Surgeon's tactics in profuse hemorrage of an ulcorous naturo I, K. Pipia, A L. Kurtsikidze. Trudy Inst. im. N. V. Sklif 7:68-74-163.

Surgeon's tactics in ulcerous hemorrhages. B.A. Petrov. I. I. Kuchetenko Trudy Inst. im. N. V. Sklif. 7 26-33

GASTROINTESTINAL MOTILITY

Dynamics and mechanisms of the motor activity of an autotransplanted intestinal sogment V. P. Kulik and others Prudy 1-go MMI 49:159-167 166.

Effect of some pharmacological substances on functional disorders of the gastrointestinal tract in experimental radiation stekness. L.R. Protes, A.M. Russnov, A.A. Dantiin. Vop. radiablof. 4:378-385 '51.

Motor function of the stomach following resection of the cardial position for cancer. V I, Zheleznyi, S, S. Morozov Sov. med 29 no. 12·26-30 D 106.

GASTROPODA, FOSSIL see subdivision under Takhtatau

GATIGES

How much is between the centers, ? Izobr. i rats. no. 12:4 *66.

GAVANKA VALLEY-GEOLOGY, STRUCTURAL Rocent tectonics in the basins of the Avacha, Gavenka, and Nalacheva Rivers S.E Aprelkov Vop.geog Kamch. no 3.75-81 '65

GAVRO, LAIOSH MATVEEVICH, 1894-1937 TSentral'nyl Muzei Vooruzhennykh Sii SSSR. Lalosh Gavro. Moskva, 1966 26 p.

GAY REGION (ORENBURG PROVINCE) -- COPPER MINES AND MINING-SAFETY MEASURES

I stimiting the strongth or pillars in underground mining of Gar copper print deposit B 1 Vol'bhin, A I Mobbo T N Smino a Goi glur no 12 24-27 D '66

GEAR-SHAPING MACHINES

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Arrangement of reductors 11, B. Groman Vest, toachknostr 46 no 12 13-15 D 466

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GEESE-DISEASES AND PESTS

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GENERALIZED IN FEGRALS see Integrals, Generalized

GENERALIZED SPACES see Spaces, Generalized

GENERATIVE ORGANS

Isolation of acrobic vibilos from the sex organs of herd Lulis A V Golikov, N V. Batiuta Veterinarija 43 no 198-99 Ja *67

Some blochemical characteristics of maturation draunics of gonads in various fish species L. I. Sobolo., M. I. Shatunovskii, K. V. Shust. Vest. Mosk-un Ser. 6. Biol., pochv. 21 no 426-34. Jl-Ng. 166

GENERATIVE ORGANS, FEMALE-CANCER

Comparative evaluation of culdo- and laparoaconic methods in the diagnosis of cancer of female genitalia, D, V, Nikolaeva Vop, onto 12 no 11-77-20 (66 Late radiation lesions of the urmary bladder and rec-

tum following combined radiotherapy of femali geni-talia 3. P Koshman Klin onk no 164-68 '65

GENERATIVE ORGANS, FEMALE-DISEASES

Significance of rectoromanoscopy in the examination of gynucological patients, A.S Ol'shanetskii Vop onk, 12 10 11 81-83 166

Treatment of synecological diseases in cows. A.A. Demovo: Veterinarila 43 no 11 74-75 N 156.

GENETIC RESEARCH

Changes in the activity of some enzymes in the blood serum of relatives of children with my opathy L. P. Grinio Vop med khim. 12 no.6,500-603 N-D '68.

Genetic mechanisms in malignant neoplasms and louke-mias. N N Kolosova Vop, onk, 12 no.12 31-39 166. mlas, N N noisova vvq.om, is no. 10. 10 o protein fractions of the blood serum in families of patients with subarachnoidal and intracer chrait hemor rhages. E. F. Davidenkova, N N Kolosova, V V. Grigorieva. Zhur.nevr i paikh, 57 no 1 6-13 767,

Study of the frethods of inhibiting the unsusceptibility to homotranaplants in adult mice in strong and weak genotypical differences of the donor and recipient V I. Govallo Trudy I-go MMI 49:19-26 56

Genetics in the cra of the cosmos. L.Golovanov V mite knig 6 no 11.9 N '66.

Problems of genetics, S Skowion Prinoda 55 no.12-13-21 188

Vavltov, N.I. [Genetics and agriculture] Genetika i sol'skoe khoziaistvo, shornik statet. Moskva, Znante, 1967. 60 p. (Novoe v zhizni, nauke, tekhnike. V Serila: Sel'skoe khoziaistvo, no.1)

GENETICS-CONGRESSES

Work of the Section of Biochemical Genetics at the Fifth International Biochemical Congress. K V.Kosikov. Mikrobiologita 31 no.5-951-952 S-O 182.

GENITOURINARY ORGANS—DISEASES

Clinical aspects and treatment of genitourinary schie-tosomiasis N S, Zal'nova. Med paraz i paraz, bol. 31 no. 5:530-533 S-O '62

Distribution of urogenital schistosomissis (bliharziasis) among children in the Republic of Iraq. N.A. Guseinova, Azerb med, zhur. 40 no 3;55-61 Mr 163

GENOCIDE

Nersisian, M.G., ed. [Genocide of the Armenians in the Ottoman Empire, collection of documents and materials] Genotsid armian v Osmanskoi imperii, sbornik dokumentov i materialov. Zravan, Izd-vo AN Armianskoi SSR, 1966, 560 p.

GEOCHEMICAL PROSPECTING

Beus, A.A. [Studying geochemical specialization of geo-logical complexes for the purposes of regional prog-nosis] Izuchenie geokhimicheskoi spetsializatsii geolo-gicheskikh kompleksov dha tselel regional'nogo prognozirovanija Moskva Gos geol kom. -t SSSR, 1985

(MICROFILM)

Bucs, A.A., and S.V. Grigorian. [Using methods of mathematical statistics in geochemical prospecting] Ispol'zovanie metodov matematicheskoi statistiki pri geokhimicheskikh polskakh. Moskva, Gos. geol, kom-t SSSR, 1965. 72 p.

[MICROFILM]

Drilling tool for recovering core samples with retained gas content V. V. Lágodkín, A. V. Takh, I. I. Toloknov. Mash, i neft obor no 9.3-5 lub.

Glazovskála, M.A. [Practice in studying secondary dispersion halos in geochemical prospecting] Opyt izucaenila vtorichnykh oreolov rasselantia pri geokhimichtekikh polskákh. Moskva, Gos geot Fom-t SSSR, 1965–82 b.

[MICROFILM]

Goleva, G.A. [Hydrochemical method of prospecting for ore deposits] Gidrokhimicheskii metod poiskov rudnykh mestorozhdenii. Moskva, Gos.geol.kom-t SSSR, 1965.

MICROFILM

Grabovskala, L.I. [Biogeochemical prospecting methods]
Biogeokhimicheskie metody polskov. Moskya, Gos.
geol.kom-t SSSR, 1965, 65 p.
[MICROFILM]

IAnishevskii, E. M. [Geochemical prospecting methods based on primary halos] Geokhimicheskie metody poiskov po pervichnymoreolam. Moskva, Gos. geol. kom-t SSSR, 1965. 59 p.

(MICROFILM)

Partial coefficients of correlations in geochemical pros

ratial coefficients of correlations in goochemical pros-pecting 1., M (orbunova, II N Kapkov Zap LGI 50 no 2.117-120 '58 Solovov, A. P. [Methods of geochemical prospecting for ore deposits based on their secondary halos and flows of dispersion] Geokhimicheskie metody poiskov rudnykh mesicrozhdenii po ikh vtorichnym oreolam i potokam rassejanita, Moskva, Gos, geologicheskii kom-t SSSR, 1965 82 p.

[MICROFILM]

Use of lithogeochemical methods for evaluation of com-

plex metal and tin ore mainle station. G F Radyrov Sov. goo: 9 no 12:124-125 D 166 Using the hydrochemical method in prospecting for beryl-lium deposits. A.I Lisitsyn, S L Mormil! Rozv i lium deposits A.I Lisitsyn, S.I. Mormil' oklu nedr 29 no 3,20-23 Mr '63

GEOCHEMISTRY

GEOCHEMETRY
(see also subdivision under Azov Sea region;
Dzungartan Alatau; Kazathetan)
Akademita nauk SSSR, Institut geokhimit i analiticheskot
khimit. Geokemistry of the Van isetan intrusive compiexes of the northern Iten Shan Geokhimita varieskikh
intruzivnykh kompleksov Savernogo Tinn'-Shania.
[By] R. D. Gavrilin i dr. Moskva, Nauka, 1966, 240 p.
Mierations of granites and pogmatites under the influence
of alkali-containing hydrothermal solutions at increased
pressure. V. 5 Baltskit. Dokl AN SSSR 1/1 no 5
[175-1176] D 166.

Geochemistry of germanium as revealed by study of complex metal mineralization, V.V Tikhomirova. Min. syrte no. 14,162-166 '66

Geothemistry of uranium and radium in intf-Padzolic soils of White Russia. G.V. Gurskii, S.A. Tikhonov, Doki, AN BSSR 10 no. 16,763-765 O 166.

Problems of chemistry in studying fluids at great depths. no. 1,81-89 . 7a . 63.

Thermodynamics of geochemical oxidation-reduction processes. N S Skitpchenko, Geol, rud. mestorozh, 8 no. 6 16-30 N-D 166.

GEODESY

(see also subdivision under Novosibirsk)

Accuracy in the solution of normal equations. V.I.Sal' nikov. Izv. vys. ucheb. zav. ;gead. i aerof. no. 3:43-52 '62

Conference in the Moscow Engineering Institute for Geodesy, Aerial Photography, and Cartography, Izv. vys. ucheb zav. ,geod i aerof no. 3:149-152 162

Determining the quadrants for certain basic and auxiliary values in the solution of major geodetic problems. V.A. Romanovskii. Izv. vys. ucheb. zav. ,geod. i aerof. no 3:35-41 162.

Solving geodetic problems using the "reduced azimuth."
V. A. Romanovski Izv. vys ucheb. 2av., good i aerof,
no. 1:41-49 '63

Some remarks on photogrammetric method for distance determination O.S. Makar Dop AN URSR no 11;1495 - 1497 '66

GEOGRAPHICAL RESEARCH (see also subdivision under Kamchatka; Siberiu; Soviet Far East)

Development of applied geography during the period between the Stockholm and London International Geo-graphical Congresses (1980-1994). M. Flipponno Dokt. Inst. geog Sib i Dal'. Yost. no. 9:13-16 '85.

Meeting of the Commission for Applied Acceptable of the International Geographical Union, V. B. Sochare (1944) Inst. geog. Sub. (1944) Vost. (1959) 606-61 (1959)

Practical meaning of geographical research and the suscept of applied geography VIII, for have 10 11 for 1 geog Sib 1 Dall Vost no 9 3 12 465

Significance of applied geography and practical tier tails the research of Moscow prographers. L.V. Louist Dokl Inst. geog. 5tb + D.d. Vost. 110, 947 21 165

GEOGRAPHICAL SOCIETIES

(see also subdivision under Altai Territory) kum-thatia)

Activities of the III. M. Shokal'skil Socitor of Malla part cal Geography and Cartopraphy in 1901. T.R. ke 112. Mat Old mat geograf Fact Geography 2.855ht no 2.22

GEOGRAPHY-ABS PRACTS

[Geography] Ref. zhur. Geog. nos. 1-2 Ja-F '67,

GEOGRAPHY--MISCELLANEA

[The land and the people, geographical calendar for 1967] Zemila i lindi, geograficheskii kalendari 1967, Mo skva, Mysl', 1966. 333 p. map (linerit)

GEOGRAPHY-STUDY AND TEACHING

From work practices in conducting practical work of students on the school geography plot M. Combon A.G. Linkhova. We heap, Vole gor ped, that we in the 18 % of the conduction of the conductio

GEOGRAPHY, COMMERCIAL

Stoutstan of the disposition of the commercial network IS Mattin. Vest Mosk un Sci. 5; Geog. 21 no. (1) 10 N-D 166

GEOGRAPHY, ECONOMIC (see also subdivision Termonic geography) under Siberia, Enstern; Transhalkalla; Victnam, North)

Gildasov, R.A., and others. (Economic map of the world) Politiche-kath ekonomicheskata karts nor i Moskya, Voen. izd-vo, 1981—421 p. maps. (CST-II)

GEOGRAPHY, MATHEMATICAL

Mathematicization and the geographical method, A.A. Amichia Vest Mosk in Ser. 5: Grog. 21 no 525-35.

On mathematical geography M. L. Thetilin. Vent. M. A. un Ser. 5; Geog. 21, no. 6; 36-37, N-13, Juli.

GEOKCHAY VALLEY-ROCKS, SEDIMENTARY Lithology of Akchapyll and ments in the Geokelpy Valte - A.L. Aliev Doll, AN Armb SSR 48 no 4,55-60 kg

GEOLOGICAL MODELING see subdivision under Romashkino Oit Fleid

GEOLOGICAL RESEARCH

(see also subdivision under Palmer Penimula, Antarctica; Turkmonistan)

Geologists in the service of their country. D. A. Chere-mukhin Trudy VGU 64.138-148 465.

GEOLOGICAL SURVEYS

Geological documentation. A. P. Pinkoffey. Mat. 64 . по. 4.24-20 166,

Using paragenetic analysis in geological amicesing. B. M. Ronenson. Min syrte no. 11,65-126 466.

GEOLOGICAL TIME

(see also sundivision under Aliverdi region, Aliminia, Caucasus, Northern; Dzegamehay Valley; Kiznilak Alatan; Turkmentstan; Ural Mountains)

Comparison of the radiometric scale of the confisental Pleistocene with thromological scheme (of sleepswar) sediments and the ray we of noise radiation V A, Zubakov, Dokl. AN SSSR 171 no. 54153-2455 10 (a)

GEOLOGISTS

Geologiais in the service of their country. D. A. Cherremukhin. Trudy VCH 04-138-148 '65.

GEOLOGY

(see also subdivision under Argun Valley; Bel'shay, shora Valley; Carpubitan Mondalas; Caspian Lowin, Chulym-Yenisey Lowland; Chusovaya Valley; Low

Province; Uzbekistan; Uzh Valley)
Development of concepts of geological space as possil in basis for using mathematics in geology III A Kerygla, IU. A Voconin. Inv. AN SSSR, Set gool 31 no 12/11-25

Hypothesia in geology, L.IA. I urman, Trudy Volt 64, 120-131, 165.

Mathematics and geological sciences A. M. Zhuratakii Zap LGI 50 no 2:3-6 '66

GEOLOGY-BIBLIOGRAPHY 500 Bibliography-Gaolagy

GEOLOGY -C LASSIFICATION

Mathematical and logical treatment of geological classicications IU. A. Voronin Geol I geoffe. no. 0:12:-131 cations

GEOLOGY-CONGRESSES

All-Union Conference of Geologists S F Aprelkov Vop geog. Kamch, no. 1134 165

Seventh Traditional Scientific-Spot is Conference of Young Scientists of Republics of Central Asia and Karakhistan with participation of Siberian Branch of Academy of Sciences of U.S.S.R. G.L. Kushev, K.T. Tabyldrev, La. Ali Kazakh, SSR. Ser. gcol. 23, no. 5,95-96. S-O. 66

GEOLOGY—FIELD WORK
(see also subdivision under Novosibirsk)

Shalimov, A.I. [On the threshold of great secrets] Na porogo velikikh tain. Mostva, Mysl', 1966. 294 p. (Puteshestviia, prikliuchenlia, fantastika)

GEOLOGY-MAPS see subdivision under Altai Mountains

GEOLOGY—STUDY AND TEACHING see subdivision under Crimea

GEOLOGY, STRATIGRAPHIC

Gree also subdivision under Caspian Sca region; Caucasus; Caucasus, Northern; Central Chernozem region; Daghestan; Dardzha Peninsula, Dateper region; Daghestan; Dandha Peninsula, Datoper-Donets Lawland; Dobrush neglon, White Russia; India; Kama Valley; Kamchatka; Kara Kum; Kazakistan; Kopetdag; Kugitang, Kunashir Island; Kulitang-Tau; Murgab Oatsi; Murgab Valley, Oka-Don Lowland; Russia, Southern; Russian Platio m; Siberian Platiorm; Tajik Depression; Tatar A.S.S.R.; Tedzhen Valley; Transbatkalla; Turkmenistan; Voronezh Province; Vyatka Valley; West Siberian Platic Witte Russia. Plain; White Russia)

Detailed stratigraphy of sediments of Vetluga series of I ower Triassic based on Ostracoda T., M. Mishina Izv AN SSSR Ser gool 31 no 12:95-112 D '66

More about problem of Rhaetian and upper boundary of Norte stage I I. Tuchkov Izv AN SSSR, Ser geol 31 no 1243-117 D '66

GEOLOGY, STRUCTURAL (see also subdivision under Afghanistan; Altat Monntains; Apsheron Peninsula; Aral Sea region; Avacim Valloy; Azerbaijan; Baikal-Patom Plateau; Bulgaria, Carpathian Mountain region; Caucasus; Dardzha Peninsula; Daleper-Donets Lowland; Dardzha Peninsula; Dnieper-Donets Lowland; Dzungarian Alaiu; Kazakhsian; Kola Peninsula; Krivoy Rog Bastin; Kyurendag; Mongolia; Moscow Bastin; Nalacheva Valley; Okhotsk Sea region; Rus-sian Platform; Saratov Province; Shelikhov Bay; Tajikistan; Taymyr Peninsula; Tien Shan; Trans-batkulla; Transcarpathia; Oral Mountain region; Oral Mountains; Oral Valley; Volga Valley; Volgogi ad Province)

Conference on the problems of structural geology V.S. Zaila-Novotskii, E. I. Antoniuk. Neft i gaz prom no 3:66-67 Jl-S 63.

Recent tectonics as indicator of anomalous thickness of earth's crust V G Rithter, I S Volvovskii Sov geol. 9 no. 12 118-123 D '66

Relation of mud volcanoes to subsurface tectonics, R R. Rachmanov Azerb neft Phoz 12 no 7 10-12 J1 163

Role of tectonic conditions in formation of sedimentary-infiltrated uranium deposits, A. I. Pak, Uzb. gcol. zhur. 10 no.5:52-58 '60.

GEOLOGY, STRUCTURAL-CHARTS, DIAGRAMS, ETC. Theory of constructing intermediate geological documents I. G Klushia Zap LGF 50 no 2 39-48 '66.

GEOLOGY, STRUCTURAL-CONGRESSES

Conference on formation of ferruginous chert and jaspilite of the Piecambrian LA, N, Belevisev, B I Goroshnikov, N, A, Koinilov, Geol ind, mestonozh, 8 no 6:113-115 N-D '66,

Conference on the geomorphology and recent tectonics of Siberia and the Far East, A. E Sviatlovskit Vop. geog. Kamch. no. 3:135 166

Vscsoluznoe vutkanologicheskoe sovoshchanie, 2d, Petro-pavlovsk-Kamchatskii, 1984, [Volcanism and the sub-surface structure of the earth, transactions] Vulkanizm I glubinnoe strocale Zemii, trudy. Moskva, Nauka. Vol. 3. 1966, 118 p.

GEOLOGY, STRUCTURAL-MAPS see subdivision under Transcarpathia

GEOMETRICAL DRAWING

Developing the students drawing and designing skills during modeling classes A. S. Rodionov Uch zap Ped. inst Gerts. 260;302-319 '65

Exercises in geometrical drawing in eight-year schools M. A. Shchukina Uch zap Ped inst Gerts. 260;246-271 '65.

GEOMETRICAL OPTICS see Optics, Geometrical

GEOMETRY-STUDY AND TEACHING

Experience in modeling of circular bodies from plaster, V. P. Dregunas. Uch zap Ped inst Gerts 260;341-366 65.

Laboratory work in geometry in the seventh and eighth grades. A.S. Rodionov Uch zap Ped inst Gerts 260:320-340 '65

Sections of dihedral angles L. P. Kompaniits. Uch zap-Ped. inst. Gerts 260-91-101 '65

The subject of "Like figures" in a geometry course in eight-year schools M M Shidlovskout Uch zap Pcd inst Gerts 260;291-301 '65

GEOMETRY, ANALYTIC

Kostareva, Z.G. [Analytic geometry] Analiticheskala geometrila; uchebnoe posobie. Leningrad, Severo-Zapadnyi zaochnyl politeklin, in-t, 1965. 259 p. (Uchebnce televidenie)

[MICROFILM]

Sheherbakov, R.N., and V.S. Malakhovskii. [Short course in analytic geometry] Kraikii kut s analitiche-skoi geometrii Tomsk, Led-vo Tomskogo univ ,1964.

GEOMETRY, ANALYTIC-PLANE

Ogney, I.IA. [Analytic geometry on a plane; textbook for students of the Faculty of Mechanization of Agriculture of the Novosibirsk Agricultural Institute | Analiticheskala geometitla na ploskosti; uchebnoe posobie dlia studentov fakul teta mekhanizatsii sel'akogo khozulistva NShli Novosibii sk, Zapadno-Sibirskoe knizhuce izd-vo, 1985. 110 p

GEOMETRY, PROJECTIVE

Reciprocal projections P. V. Filippov. Zap. LGI 39 no.3381-94 [61]

Representation of images of multidimensional spaces by orthogonal vector projectories PV, Filippov LGI 39 no J.95-106 '61

GEOMETRY, SOLID-STUDY AND TEACHING

Elementary instruction on solid geometry in eight-year schools Kh B Abugova Uch zap Ped Inst Gerts. 260-272-290 '65

GEOMORPHO LOGY

Gee also subdivision under Altal Mountain region; Mizunka Valley; Salah Range; Svicha Valley; Turk-menistan; Voronezh Province)

Determining the gradient of slopes and the manner of occurrence of tock beds from aerial photographs V. M. Voevoda. Izv. vys. ucheb zav. geod i aerof no 3:115-

GEOPHYSICA L INSTRUMENTS

(see also subdivision under Bashkiria)

1-6 single-spot inclinometer. N. A. Rudenko, Neft. i gaz prom no 1-73-74 Ja-Mr 463,

GEOPHYSICAL RESEARCH see subdivision under Antarette regions; Dickson Island

GEOPHYSICS-ABSTRACTS

[Geophysics] Ref. zhur. Geofiz. nos. 1-2 Ja-F '67.

GEOPHYSICS—C ONGRESSES

Fifth All-Union Technological Conference on Geophysics Geol. I geofiz no ll:151 '63'.

GEORGIA-ATMOSPHERIC TEMPERATURE

Middle-range weather forecasting for mountainous countries as revealed by study mode in western Georgia D. A. Mdinaradze Meteor i gidrot no 12 36-40 D 466

GEORGIA-BOTANY, MEDICAL

Orthosiphon stamineus in subtropies and its use in medicine. N. P. Svadovskaia. Subtrop. kul't no 3: medicine, N. 118-125 '66,

Some characteristics of the formation of injurious fauna to introduced medicinal plants in humid subtropics N.V Svanidze, N.I Ostrovskii Zool zhur 45 no li: 1640-1649 *86

GEORGIA-CHANNELS (HYDRAULIC ENGINEERING)

Georgian highway transport workers in channel construction, L. Vordishvili, Avt. transp. 44 no. 12:13 D | 66.

GEORGIA-COAL MINES AND MINING

High in the mountains. P Barkaia Sov. shakht 12 no.4:20 Ap '63

GEORGIA-DRAINAGE

Effect of mole drainage on the conditions of ground waters, A.A Makharadze, Subtrop, kul't no. 3:126-132 '66

GEORGIA-HISTORY

Akademiia nauk Gruzinskoi SSR. Institut istorii, arkheo-logii i dinografii. [Georgia; a brief historical study] Gruziis; kratkii istoricheskii ocherk. Tbilisi, Motsniereba, 1966. 69 p.

GEORGIA-ICT

Glaze regionalization of Georgia. G. I. Chirakadze Trudy ZakNIGMI no 11:50-66 '63

GEORGIA-IRRIGATION FARMING

Methodology of compiling prognosis of times and norms of watering grain crops for irrigation regions in eastern Georgia V. F. Svanidze Trudy ZakNIGMI no.11:67-78

GEORGIA—JOURNALISM

TSintsadze, losif. [From the history of Georgian public opinion, the Georgian press and French colonial policy 1870-1900. Iz istorii gruzinskol obshchestvennoi mysli, gruzinskati opisensi frantsuzskata kolonial'nata politika, 1870-1900 gg. Tbilisi, Metsniereba] 1984. 97 p. [In Georgian] {MH}

GEORGIA—MEMORIALS

On memorial sites of Shota Rustavell - G Robitashvili Avt doi - 29 no 12:28-29 D 66

GEORGIA-MOTORBUS LINES-PASSENGER TRAFFIC For better service of passengers, V. Koberidze, Avt. transp. 44 no. 12:20-21 D '66

GEORGIA-ORE DEPOSITS

Some characteristics of the formation and distribution of one deposits in volcanic tacks as revealed by the study in southern Georgia V. I. Bachaldin, G. A. Tvalchielidze, [vv. vys ucheb zav. "geol, i razv. 8 no led 20 c. 183. chielidze, [/61-72 Ja '63,

GE ORGIA-PEC AN

For the extensive development of pecan growing in Georgia I L Chodrishwill, Subtrop, kultune, 3 113-117 166

GEORGIA-PERSIMMON

Dialeurodes citri as a pest of subtropical persimmon. A M Sikharulidze, L. E. Tavamatshvili Subtrop kulli no 3:100-105 '66.

GEORGIA-POULTRY HOUSES AND EQUIPMENT

Prerequisites for the use of electrical stimulation methods in poultry raising. Z I Goglashvill. Trudy GRUZNIIMESKIIa 8 no. 2 137-119 '62

GEORGIA-RADIO PLAYS

The image of a people's singer in a radio play. I. Cam-Prelidze. Sov. radio i tel. 8 no. 3;26 '59.

GEORGIA-TANGERINE

Growth, development, and fruiting of tangerine planta-tions as related to the methods for the reclamation of stopes. A I Dahikua. Subtrop.kult no. 3 51-68 466.

GEORGIA-TEA-FERTILIZERS AND MANURES

Comparative effectiveness of various forms of phosphorus for Ulizers in tea plantations O G Oniani Subtrop, kult no 3,18-14 166,

GEORGIA--TEA-VARIETIES

Testing hybrid tea varieties in Anasculi. G.G.Ramish-vili. Subtrop. kult no. 3;13-50 166.

GEORGIA-TILLAGE

Improving the lechnology of tilling soil before sowing in the humid zone of western Georgia M. M. Gugushvili Frudy GRUZNIMFSKHa 3 no 2 3-15 '62'

GEORGIA—TRANSPORTATION, AUTOMOTIVE

Georgian highway transport workers in channel construc-tion 1 Vardishvili, Avt. transp. 44 no. 12:13 D '66.

GEORGIA---TREMATODA

Three cases of true dicrocceliasis in man in Georgia, M. S. Gigitashvili, Med. paraz. i paraz. hol. 31 no. 5; 561-562 S-O 62,

GEORGIA-TUNG THEE-FROST RESISTANCE

Prost resistance of lung trees, A.Sh. Chanukvadze, Subtrop, kulit no. 3:95-99 166.

GEORGIA IN LITERATURE

Orlovskala, N.K. [Georgia in the literature of Western Europe in 17th-18th centuries] Grazlia v literaturakh Zapadnot Evropy XVII-XVIII vekov. Tbilisi, 1965.

GEORGIAN LITERATURE-HISTORY AND CRITICISM

Marr, N.M. [Problems of the Vepkhistkaosant and Vis-ramiant] Voprosy Vepkhistkaosant i Visramiani. Pod-gotovka sbornika k pechati, issledovante, kommentarii i primechanita I.V. Mogi elidzo. Tbilisi, Metsnicrota, 1986. 202 p. [In Russian and Georgian]

Shota Rustaveli, and his poem "The man in the panther's skin, "G.N.Dzibladze, Sov.padag. 30 no. 12:26-33 D '66.

GERANIOL

Identification of exlorous substances. Report No. 3. S. A. Kore, E.I. Shepelinkova, E. M. Chernova. Trudy VNIISNDV no. 7:149-151 '65.

Specific midventral gland in gerbila. V. E. Sokolov. L. N. Skurat Zool. zhur. 45 n o ll:1739-1741 '66.

GERBILS-PARASITES see Parasites-Gerbils

OF PPULS AS CAPPUE BY OF DISEASE

G-BIATRICS

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GERMAN LANGUAGE-OLD HIGH GERMAN-WORD ORDER

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GERMAN LANGUAGE—SYNONYMS AND ANTONYMS

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GERMAN LANGUAGE-SYNTAX

Problem a of the prepositional government of nouns cortelatic with cale inset on material of modern Ger-tion. I. IA Union a. Uch zap. GGPI no 65 38-55 (65

\$ 1 3 compristions with words of the type "not ""tief," "13 5" as a must of expressing the grammatical meaning of the expressing the grammatical meaning of the expression of th

ir tural-spreamer characteristics of some syntactical phase doctains of inches Garman P S Vdovichenko Utilitias GGPI no 65-56-64-465

GERMAN LANGUAGE-TERMS AND PHRASES

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GEFMAN PHILOSOPHY see Philosophy, German

GERMAN BEUNIFICATION QUESTION (1949-)

Nikolaev, P.A. [Policy of the Sovict Union on the Gor-nan question, 1945-1964] Politika Sovetskogo Soluza v germanskom voprose, 1945-1964 Moskva, Nauka, 1958, 397 p

GFRMAN STUDIES

A conference of the students of German culture. E.k. O prine Vest vys shkoty 24 no 12 78 D 456,

GERMANATES

Effect of additions of germanium dioxide and yitruum and read; r ium germanates on polymos phism of zirconium dioxide L A Daxton, E, K, Keler, V, G Glushkova Lt. 4N, SSSR, Nearg mat 2 no II-1998-2002 N '66. Triovilatogermanic acid salts. K. A. Avduevskala, I. V. Tananaev V. S. Mironova Zhur neorg khim il no, il 2828-2631 N '66

GERMANIUM

Geothemistry of germanium as revealed by study of complex metal mireralization. V.V. Tikhomirova. Min syr'e no. 14 162-166 166.

Mechanism of coprecipitation of antimony and germanium in foldle process K. A. Bol'shakov and others. Exv 4N SSSR, Neorg mat 2 no.11:1921-1924 N '65

Sarption properties of brown coal components and accumulation of germanium I.N. Semasneva, I.S. Soffer Lit i pol. iskop no 6.134-136 N-D 86

GERMANIUM—ELECTRIC PROPERTIES

Chabandon—CleCina FROFERIES

Frect of structural defects on some electric characteristics of germanium doped with gold and antimony V. G

Fornin M. G Mil'. (dakii. E V Solov'eva Fiz. tver
tela 8 no 7;2253-2255 Ji '66

GERMANIUM—OPTICAL PROPERTIES

Studying optical absorption in ger manium doped with zine and compensated by antimony VI Sidorov, T I Sushko, A Il Shul'man Fiz tver teld 8 no 7 2022-V I Sidor ov, T E 2024 JI '66

GERMANIUM-SPECTRA

Ridiative impurity recombination in get manuar V P Dobrego, S M R. vkin, I S Shlimak | Fiz twee tola # no 7 2124-2129 Jl 166

Spictrographic determination of germanium in ores, minerals, and coal ash O P Turulina, N. F. Zakha-ria Uki khim thur 32 no 12:1334-1347 66

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GERMANIUM COMPOUNDS--CLECTRIC PROPERTIES

Electric properties and interchardness of some transition metal germandes V S, Neshpor, S M L'vov Dop. \N URSH no. il 1451-1453 '62'

GERMANIUM CRYSTALS

Phenomenon of self-compensation of impurities in germanium E B. Sokolov, V K Prokoffeva, G.G.Glavin Izv AN SSSR Neorg mat 2 no 12 2262 D 166

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Use of method of anomalous penetration of Vinys in studying structure of germanium dendrites I.M. Sukhadieva Rost krist 5.338-343 (65

GERMANIUM CRYSTALS-GROWTH

Factors bearing on homogeneity of specific resistance of germanium ci stala grown from melt PI Baranskii. KG, Marin Rost krist 6 186-192 '66

K G, Marin Rost kijst 6 18b-192 '65 Growing heavily doped ger manium single cijstals û ee from dislocations L V Golubev. V, M. Tuchkevich. IU V Shmartsev Rost krist 6 193-198 '65 Studying cijstallization of molten ger manium between two plane plates A A Davydov and others Rost krist 6-350-354 '65

GERMANIUM CRYSTALS-SPECTRA

Photoconductivity spectra of germanium crystals doped with oxygen and it radiated by fast electrons I P Numchenko, V S Vavilov, A F Plotnikov Fiz tver tela 8 no 7 1981-1984 Jl 166

GERMANIUM DIODES

Study of some alloyed metal-germanium contacts. K F. Komarovskikh, V.I Stafeev, Radiotekh i elektron 11 no 12 2200-2208 D 166,

GERMANIUM-MANGANESE ALLOYS sec Manganosegermanium alloys

GERMANIUM TELLURIDE

Phase transition on germanium telluride at high pressure S S Kabalkina, L. F. Vereshenagin, N. R. Serebrianeta Zhur eksp i teor fiz 51 no 5:1358-1362 N '66

GERMANIUM TELLURIDE CRYSTALS-THERMAL PROPERTIES

Action of impurities on the concentration of current carriers and thermal resistance of germanium telluride lattice E. IA, Lev. L. M. Sysoeva. N. V. Kolomoots. Izv AN SSSR Neorg mat 2 no 11:1925-1929 N 166

GERMANY—COMMUNIST NEWSPAPERS

History of the communist press in the Weimar Republic, I IA Bisk, Trudy TGU 180:17-27 165,

GERMANY-CONCENTRATION CAMPS

Tychkov, Nikolai, [Little pi isonors of Buchenwald; a tale] Malen'kie plenniki Bukhenval'da; povest'. [iAroslavi', Vorkhne-Volzhskoe knizhnee izd-vo, 1966] 115 p

GERMANY-EUROPEAN WAR, 1914-1918

The German Social Democratic Party during the First World Wat N L Kopychev Vop. ist 41 no 12:139-143 D 186.

GERMANY-MILITARISM

Militaristic propaganda in Germany in 1908-1909. A.I. Balobaev. Trudy TGU 180.3-16 165

GERMANY—SOCIALIST PARTY

The German Social Democratic Party during the First World Wan N, I Kopychev. Vop. ist 41 no 12-139-

GERMANY, EAST-AGRICULTURAL RESEARCH

Biological research in the German Democratic Republic and application of its results in agriculture. 1U, L. Guzhov, Trudy Un druzh, nar 14, Sel¹khoz, nauki Guzhov, Trudy Un

GERMANY, EAST-BIBLIOGRAPHY

[New literature on the German Democratic Republic] Nov. III. po Ger Dem. Resp. nos. 11-12 '66,

GERMANY, EAST-CHUMICAL INDUSTRIES-MAIRE-MATECAL MODILIS

Introduction of interbranch model: in the chemical industry of the Democratic Republic of German Aleghant Pictzich - Pien i mut metal - 2 no. 12. 220 N-D 466.

GERMANY, DAST-EDUCATION

Vocational training and its development in the mile 1 of the German Democratic Republic Plans Karer, Sov. ned up 40 no 12 106-415 D 166.

GERMANY, EAST-LIT CTITIC LOCOMOTIVES

News of foreign technology. Zhel, dor, transp. 49 1 " ? 00 JL 100. GERMANY, EAST-ELECTRONIC DIGITAL COMPULING

Use of electronic digital computer a in the chearl of 0

dustry of the German Demon rate Republic and Czeloshovakia V legraphy, A I Nagarnyk, Khila pron Blovakia V LGrubor, Y Ikt no 6 bl 62 N D 166 GERMANY, EAST-GAS CHROMATOGRAPHY

Louith symposium on gas thi ornatography in the torus Democratic Republic A.V. Kins lov. K. I Saledan Ell. K. D. Sheherbakova. Neftekhindin 3 no 5006-321

GERMANY, DAST--INDUSTRIAL WASTES-PRIMERA-

Cotaining valuable aubitances during the blokgle of partor cation of ladartial newage. Or Balti ena. K. Sattler Mikrobiologija, 31. no. 2,344-419. Mr. - Ap. 967

GERMANY, DAST-INTERINDUSTRY ECONOMICS

Introduction of interbranch models in the chemical industry of the Democratic Republic of German, Zieghart Pictrach, Ekon I maternetod, I no 6 94-920 N-D 566.

GERMANY, EAST-MINERALOGY-STUDY AND THACH-

Mineralogy in the institutions of higher education of the German Democratic Republic. D. P. Grigor by 1. vys. ucheb. zav. geol 11 azy 16 100, thin 115 263

GERMANY, DAST-PHILOSOPHY-CONGRESSES

Imperialism and philosophy. V.G. Vent. Monk. an. 191. 8; Filos. 21 no. 3:91-92 My-Je (G).

GERMANY, DAST-PRICES

Price reform in the German Democratic Republic; economic notes. G Sh. Nov vicin. 25 no. 218 14 14

GERMANY, EAST-QUALITY CONTROL

Vesoliznyl nauchno-isolodovatol acti methat techniche skol informatsii, klassifikatsii i kodirovanifa. 1st du control of the quality of industrial production in the control of the quarity of industrial production in the German Democratic Republic, information anticyl Gogudarstvomyi kontrol' kachestva promyahlymoj produktali v GDR, informatelomyi obzor. Mojkya, kd-vo Slandartov, 1965. 15 p. (Kachestvo, nakzh-nost', dolgovechnost'. Standartizatsila za uberkon) [MICOCRI II.M] [MICROLIUM]

GERMANY, EAST-RAILROADS-ELLCTRIFICATION

Electrification of a illipoids in mountainous districts 1. the German Democratic Republic unting open efforct a V. N. Stanfuk - Flek, i topl 11435 - 10 no. 10 40-40 (1997)

GERMANY, EAST—RAILROADS—ROLLING 51 OCK— TECHNOLOGICAL INNOVATIONS

New railroad technology of the German Democratic Republic, G.1, Laptev, Zhel, dor, transp. 48 no.7, 89-91 Jl '66,

GERMANY, EAST-ROOFS-DESIGN AND CONSTRUC-

Designs of flat roofs in German Democratic Regulatic. E. Krichevskain Zhil, atrol. up. 10:27-28 thu.

GERMANY, EAST-SOCIAL CONDITIONS

13 years of the German Democratic Republic, V Gall-dehtein Agitator no. 16, 19-21 S 162.

GERMANY, EAST-TRANSPORTATION

Scientific investigation in area of transportation in German Democratic Republic, P. P. Kochney, 2hel dis transp 48 no.11 87-88 N '66.

GERMANY, WEST-CRANES, DERRICKS, ETC.

New harbor cranes G. Karakulla Rech transp. 3: no 7:59-60 Jl 162.

GERMANY, WEST-ELECTRIC POWER PLANTS

Problems in the expansion of unit electric power plants in the German Federal Republic. V. IA. Girshfel'd. Teplocnergetika 8 no. 2:88-91 F '61.

GERMANY, WEST-FASCISM

Neologism in the German Federal Republic. T. levlers. Mezhdunar, zhizn' 14 no. 1:153 '67

GERMANY, WEST-FOREIGN RELATIONS

Bond in search for new tactics E. Busch. Methdunar, zhizh! 14 no 1:52-58 167.

ne ideological basis of the foreign policy of the German Federal Republic E Novoselitsev Michhanai zhizni 14 no 1,95-105 te7

GERMANY, WEST-FOREIGN RELATIONS-EUROPE.

"Eastern policy" of the German Federal Republic. Nov. erem 25 no. 8 5-6 F '67

GERMANY, WEST ... MARINE DIESEL ENGINES

lutomation of diesel power plants on transport vessels of the German Federal Republic Sudostroente 56 no 11 31-33 156

GERMANY, WEST-MILITARISM

From the standpoint of International law, G. Tunkin, Nov viem. 25 no 6 7-8 F '67

A war center in Central Europe, S. Vladimirskii, Mol. komm no 11 99-105 N '61

GERMANY, WEST-NATIONALISM AND EDUCATION

Geopolitics and the education of West German youth, M Sokolova Nat. obt no 12 91-94 D '66

GERMANY, WEST-POLITICS AND GOVERNMENT

Bonn in search for new tactics E. Busch, Merhdunat, 2hizn 14 no 1 52-58 '67

Bzaev, K.K. [Reactionary internal and foreign politics of West Gorman imperialism] Reaktstonnala vnutrennisia I vneshniaia politika zapadnogermanskogo imperia-Ilzma, Ordzhonikidze, Severo-Osetinskoe kn. izd-vo, i. 98 p. (CSt-H)

The new government in the German I ederal Republic Mechdunar zhizhi 11 no 1450-160 (67,

GERMANY, WEST-SOCIAL CONFLICT

Novezhilova, M.V. [Critical evaluation of the Catholic distortion of the problem of classes and class struggle in modern capitalist society, based on West German materials. Author's abstract of a dissertation for the degree of Candidate of Philosophical Sciences] Kritika katolicheskol fal'sifikatsii problemy klassov i klassovol bor'by v sovremennom kapitalisticheskom obshchestve, po zajadnogermanskim materialam. Avtoneferat dis-po zajadnogermanskim materialam. Avtoneferat dis-sertatsii na solskanie uchenol stepeni kandidata filosof-skikh nauk. Nauk, rokovoditel' A.V.Shcheglov. Perm', Permskii gos. univ., 1965. 20 p. [MICROFILM]

GERMANY, WEST-YOUTH

West German youth; its present-day situation and its prospects for the future P Massley Mol komm no. 4 80-85 Ap | 61

GERMICIDAL LAMPS

UNSK-i multipurpose table bactericulal chamber, N.G. Balashov, IU.P. Chemetskii Veterinarita 43 no.1 81-82 Ja 167.

GERMINATION

Biology of the germination of seeds of Heracleum sosnowskyi Manden, I Alvanova, Biul Glav.but sada no, 63-66-73 '66,

nilbiting substances in afterharvest residues of field crops and in weeds. Report No 2: Effect of volatile everetions on seed ger mination and photosynthesis of plants A M. Hi odzinskyr and others. Uki bot, thur 20 no.1,66-72 463

Iron distribution in the course of germination of seeds and growth of wheat aprouts. P. A. Koleanikov. A. A. Matus-kin Biokhimiia 28 no 2;216-223 Mr-Ap '63

GEYSERS see subdivision under Kamchatka

GRANA

The land of golden fruits, S. Losev. Mol. komm. no. 3: 105-107 Mt '61

GIBBERELLIN-EFFECT ON PLANTS see Plants, Effect of gibberellin on

GIFT SHOPS see subdivision under Moscow

GILYAK LANGUAGE ace Nivkh language

Polysaccharides of Panax ginseng. IU.S. Ovodov, T.F. Solovieva. Khim. prirod, seed. no. 5-290-303 '66.

OTRDERS.

The Almansi-Michell problem for a homogeneous aniso-iropic cylindrical beam G. M. Khatiashvili Trudy Vych tsentra AN Gruz, SSR 3 141-181 '62

Geometric characteristics of nonsymmetric R-beams in similitude criteria L. M. Belen'kii. Trudy Kal, tekh. inst. ryh. prom. 15 18-31 '62.

Manufacture of prestressed beams for the roofs of in-dustrial buildings. M. G. Ivantsov, A. A. Rud¹ko, F. F. Loginov, Transp. stroi. II no. (2:29-31 D ¹61.

GIRDERS-CORROSION

Liquidation of the corrosion of interior surfaces of elec-tric bridge crane beams. V.T. Anoreev. Bezop truda v prom. 7 no.5:30-31 My 163

GIRDERS, CONTINUOUS

Calculations of continuous teams with nonlinear pliability of supports. A A Stotsenko 170,075 weheb zav , strot,1 nikhit. 9 no 9 137-147 466

Nonlinear problem in the extentation of a communicus beam on yielding clastic supports 7 N Prigorodova Son MorNIProckt no 9 tot-106 466.

Chatys-Skizynska, Halina. [Maturation period of the girl Translated from Polish] Period hoggerantia giti Translated from Polishi Period Bozetvanier devushki, I/d 3 Moskva, Meditshia, 1966 63 p (Nauchno-popultariala literatura)

GISSAR VALLEY-PLANTS, PROTECTION OF

Gissar unit M. Samadov, A Devkin Zashih last 11 no 12 7-9 466

GIURDZIIIAN, AKOP G.

A Gundzhian, G. Igitian Iskussivo 29 no 10 37-43

GLACIAL EPOCH see subdivision under Crimean Moun-tains; Kamchatka, White Russia

GLACIERS see subdivision under Kichikalay Range; Pskem Valley, Sokh Valley; Soviet Central Asla, Uzbekistan; Zeravshan Valley

GLADKOV, FEDOR VASIL'EVICH, 1883-1956
The tale "The blast funace" by N. Liashko, and the novel
"Coment" by P. Gladbow IU W. Nikishov - Uch zap
Kal gos ped inst - 13-86-112 - 165

GLANDS

Ribonucleic ackl, ribonuclease and (21)31-1 ibonucleotidase in endocrine and sexual glands of cattle IA I Het-maniuk Dop AN URSR no.7017-920 *63

Connection between the marginal angle, concentration of the solution imparting hydrophobic properties, and the degree of conting of glass with a hydrophobic film. O. O. Pashchenko, O. A. Lastka, Dop AN URSR no. 7: 911-916 '61,

Crystallization of virrous systems represented by spacimens of variable composition VI Shellubskii Dokl AN 888R 121 no 2 313-336 N 466

Heating motal in molten glass in furnaces operating on natural gas | F C, Shadek, Gaz prom | 11 no 11:45-47 166

Reduce glass breaking in every way possible. I. Vetichkin, I. Shatokhin. From strol. 8 no 12 15-37 D 186.

GLASS---ANALYSIS

Making use of radioactive indicators to study the chemical stability of glass A.D Shavpivov, I S.Kurin, IU K Gusev Stck, i ker 23 no. 12 12-15 D '66,

Dependence of chemical stability of glass on rate of cooling, T.D. Andriukhina, Stek i ker. 23 no 11: 5-7 N 166

Spreading of bubbles in the glass batch under the effect of convective flow N.A. Pankova, F.G. Soltnov. Stepaker. 23 no 121-3 D 466

GLASS-ELASTIC PROPERTIES

Calculating the anglastic deformation of glass and ceramic products with help of the transition modulus, N. V Solomin Stek I ker 23 no 12 9-10 D 168.

GLASS-SPECTRA

Electron paramagnetic regonance spectra of some maradiated two-component glosses. T. A. Sidor ov. V. A. Tight-kin. Lev AN SSSR, Neorg. mat. 2 no 11:2033-2036 N '68.

Study of crystallization process of lead stiticate glass 2PhO SiO₂ by means of infrated spectroscopy E.V Sminova Ev AN SSSR Neorg. mat 2 no.11;2045

GLASS-TESTING

Ion evolunge and increase in glass strength O, K. Botvin-kin. O, N. Donisenko. Lv. AN SSSR, Neorg mat. 2 no.11,2029-2032 N '66

Interaction of glass with gas-forming agent' during foaming V.T. Slavianskii, L.V. Aleksandrova Stek, i ker. 23 no. 11.8-12 N '66.

GLASS, EFFECT OF RADIATION ON

Determining dosage of B¹⁰(n, a) Lt⁷ products and temperature in reaction zone by effect of thermal neutrons on borax glass S A Gabsatarova, A. M Kabakchi, Atom. energ. 21 no 6 519-520 D 168,

GLASS, OPTICAL

Creating a hydrophobic glass surface unwettable by organic liquids, N, V, Sulkovskaia. Sick i ker. 23 no. 12-4-5 D 166.

GLASS CONSTRUCTION

Limiting area of glass in buildings I Livebak Arkhit SSSR no 7:38-43 '66

GLASS CONTAINERS see subdivision under Kherson

CLASS CUTTING

More tool for making berel edges on glass. D. N. Savoni-chev. Stell (1907) 23 no 11,38-39, N. 166

GLASS ELECTRODES see Electrodes, Glass

GLASS FIBURS

Dependence of glass fiber diameter on conditions of forming D.V.Fedoserv, V.A.Riabov, P.S.Kirlem Stek r.ker. 23 no. 11 17 18 N. bb

Pfreet of glassfiber on the mechanical properties of polystyre and polymethyl methaciylste in vitrous state V P Solomlo, I S Sembo Flum prom that no 6:17-20 N-D 166

blow or allicate melt from glass furnace bushings and its effection susceptibility of ilbers to tearing. G. I. Lobol'skir, Stek i ker. 23 no. 11 19-24 N. 466

Using experimental statistical methods of optimization to establish for relation of glass three diameter to conditional etorning, M.S. Aslantovi, S.S. Gordon, V.E. Khazanov. Steffer 23 no 11 12-16 N. 66

GLASS FURNACES-DESIGN AND CONSTRUCTION

Spreading of bubbles in the glass batch under the effect of convective flow N A Pankova, F.G. Solinov Steh i ker 23 no 121-3 D bb

GLASS MANUFACTURE

Effect of annealing and tempering on the number of paramagnetic centers in certain glasses. S. M. Brekhovskith, T.A. Sidorov, V. V. Taultin, Stek i kei. 23 no 12 li-12 15 166

Glass annealing in metallic mults S.I. Silvestrovich, V M Carsov Stek i kei 23 no. 12 6-9 D 466

GLASS MANUFACTURE—CHEMISTRY

Dependence of chemical stability of glass on rate of cooling I D Andi tukhina Stek, I Fer. 23 no. 11 3-7 N 166

Interaction of class with gas-forming agents during foaming V T Slavianski, I. V. Aleksandrova Stek i ker. 23 no. 11,8-12 N 466

GLASS MANUFACTURE -MANAGEMENT (see also subdivision under White Russia)

Introducing technically justified standards for working capital in new conditions of planning and economic Incentives 9 Phiotskii Stek, i Ver. 23 no 12 30-31 D 266.

GLASS-METAL SEALING

Studying sintering processes of glass-metal materials, Report No. 1, I.D. Radomysci⁵ski, N.I. Shcherban¹ Porosh, met. 6, no. 11(17-22, N. 166)

GLASS PIPE ace Pipe, Glass

GLASS REINFORCED PLASTICS

Accelerated aging of glass plastic roofing of polyester resin base by action of light A.G. Zaitsev, F.D. Zhittetskala, A.I. Kabenovskeia Shor trud VNIINSM no 7:08-100 '66

Hasic properties of glass plastics and their range of application in building A G Zaitsev, A I Volk, IU 9 Cherkinskii Shor trud VNINSM no 7-3-7 666

Contactines measuring to temperature of surface of shret glass plastic packets in continuous production process O.D. Parashkhenko Shor trud VNII iSM no 7:105 109 66

Dielectric glass plastic sides in forms for exterior wall panels G A Ob'eshchenko, IU, I, Solov'ev Bet 1 zhel bet 12 no 12:14:16 D '66

Office of technological factors on the properties of glass relator (ed plastics produced by dip under pressure 1, Z Chernin, 11 L Lindfors, V, V Kuz'min Plat massy no 12 51-53 466

Experimental device for production of sheet gless plastics by continuous method A. I. Volly, C. P. Popovich, N. IA, Timofeev Shor trud, VNIINSM no. 7;84-88 '66

Experimental study of durable strength and deformability of polyester glass plastics E. N. Kvasnikov, IU E. Khengu Sbor tud VNINSM no 7:40-47 '66

Fancrosteklovinit, a finishing glass reinforced plastic material M V. Gordienko Bum i der, prom no 3-38-38 JI-S '62

Giass textolites with a base of nitrogen-containing furaldehyde resins A. L. Poshekkonova and others MKHTI no 42:146-160 '63.

Internal stresses and microstructure of reinforced polyester coatings, M.R.Kiselev, L.A.Sukhareva, P.I.Zubov, Koll, zhun 28 no 6:840-842 N-D 166,

Investigations in the area of coloring polyester sheet glass plastic. A L Volk, M. N. Veprinskala, K. A. Gruzbarg. Shor trud VNIINSM no. 7:89-87 '66

Method of date: mining deformability and durability of glass plastic sheets B. I. Ershev Shor trud VNINSVI no 7: 72-77 '66

plastic sheets B. I. Ershov Shor trud VNIINSM no 772-77 '66

Nomenclature of translucent building products from gless plastics V A. Dzugaev, N. A. Qanach, V. T. Popov Sbor. trud VNIINSM no 78-14 '66

Optimal shape and sizes of corrugation of glass plastic sheets. V. T. Popov, A. I. Olin Sbor trud. VNIINSM no 7:57-64 '66

GLASS REPAFORCED PLASTICS (Continued)

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Transfer for smell from glass plastics. F. N. Krasnikov, G. G. Mattin. Short trait VMINSM no. 7.15-24. "66". Territorite I griger realized for covid, lared 4, 1 -dioexecupy of 2.2 companie. V. V. Korshik. S. V. Vinegradova. II. I. Kr. 2002. Plast mass. no. 12.10-13. "68

GLASS REINFORCED PLASTICS-TESTING

Changes are creary in the physician mechanical properties or page 3 set gl splantes of her the section of value metric B S I to one others. Plast mass, no 9 fe-

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GLASSWARE

've velazza a i le vztal chjecta. E Smurnova. Prom Bal - a no 12 13 D and

GLASSWARE, ANCIENT see subdivision under Azerbuilan

GLAZING-MECHANIZATION

Propriets for mechanizing the glazing or bathroom fixtures. Eli Steinin, N.S. Belostotskais, Stek 1 etc. 23 no 11 41-33 % 366

GLAZO/G-SAFETY MEASURES

Bondin, IU.N [Safety manual for the glazier] Pamiatka po teranire bozopasnosti dila stekol'shchika. Izd 2 , ispr. Moskva, Strorizdat, 1966. 25 p. (Tekhnika bezopasnosti v stroitel'stve)

GLAZUNOV, MIKHAIL FEDOROVICH, 1896-

Professor Mikhail Fedorovich Glazinov on his 10th birthday Vop onk 12 no. 11 121-122 166

GLEB, Saint, 984 (ca.)-1015

On the role of iconographic portrayals in the study of the literary work, about Borls and Oleb. V. V. Poppe Trudy ODRL 22 24-15 166

GLIDING AND SOARING-COMPETITIONS see subdivision under Quel

GLIERE, REINHOLD MORITSEVICH, 1875-1958 [Reinhold Morits vich Glière; articles, recollections, materials] Reingol'd Moritsevich Glier, stat'i, vospo-minanila, materialy. Moskva, Muzyka, 1905-(Ctv.

> iponse regulation of serum globulin levels ike and others Biuleksp biol i med 55 - 169

> ificance of the determination of embryoglobulin in the blood scrum of patients 1 U 5. Tatarmo., A.M Nogalier, Vop. 2 25-29 466

globulin fixation reaction in immunohemato-nations R K Kaluzhenko Probi gemat. 8 no 2 16-20 F 163,

PHRITIS

nd Coombs1 methods for the determination ting antibodies in the blood of patients omerulonephritis. G E Perchikova. I. N. ab.delo no.1:3-7 '67.

Mf-1 machines for knitting the body of tens. V. V Prykino Leh prom. no. 2. 162

ty of the polysaccharide, gluean G.E., thers Bul. cksp biol i med 55 no 8

GLOCIDES-ANALYSIS

Use or gravimetry in decoding of glucidograms. IU. M. Levanor Lab delo no.1-19 '67.

GLUCOSE

Change in conditioned food reflexes following preliminary lavage of the oval cavity of small intestine with glucose solutions L V. Itina Dold AN RSSR 6 no 9:595-597

Mechanism of unidine diphosphogineous synthesis of glycogen in larman laucocytes L. F. Satts J. S. Luganova, J. D. Vladimu ova Biokhimita 28 no 2-295-302 Mr -Ap 163.

Propriation of Schiff bases of glucose and p-aminoben-zoic acid cityl ester N S Kuprianova, V M Kiseleva, F.V. Shevhagina, Tright VNHSNDV no 7 [dl-132] [65]

GLUCOSE OXIDASE

Formation of glucose oxidise by some molds, N.V. Pekro skata, L. M. Novikova, T. V. Finogenova Mikro-biologija 31 no 5 788-791 S-O 162.

GLUCOSIDES

Chanazulene C-glucoside. M.V. Nazarenko, M. S. Peto.a, E. A. Sokolova. Khim prirod, socid. no 5 361-361 466.

GLUTAMIC ACID

Some transformations or glutamic acid in rat brain tissue following disturbance of its function as a consequence of carbon monovide intevlention – L. I. Mishchenko, S.R., Frenkel¹ – Ukr. brokhim, zhar – 38. no. 6.585-589 (66,

GLUTAMIC-OXALACETIC TRANSAMINASE

Mechanism of the interaction of cycloser ine and related compounds with aspartic glutamic transammase M. Karperskii and others Biokhimiia 28 no 2,345-352

GLUTAMIC-PYRUVIC TRANSAMINASE

Partial purification of alanine-glutamic transaminase of the heart and some of its properties. IV M Torchinskii, Blothimiia 27 no. 5 916-926 S-O '62,

Simulating effect of L-glutamine on reproduction of Venezuelan encephalomyelitis virus A I, L'yova and others. Vop virus II no 5 398-600 S-O '66

GLUTAMINE IN THE BODY

Glutanumse and glutamine distribution in various ele-ments of gastric muscle cells H M Beku-zade, H I Sylakova Uki lickhim zimi 38 no 6/12-64/ '66

GLUTAMINE SYNTHETASE

Effect of osygen under pressure and methionine sulfoximine on the activity of gluternine systhetase in the rat brain Z, S Gershenovich, A, A, Krichevskain, I, A, Kolushek Bickhimila 28 no 2, 303-307 Mi -Ap 463

Glutaminase and glutamine distribution in various elements of gasti ic marcle cells H M Bekii -zade, H I Sylal ova Ukir biokhim "hui 38 no 6 642-617 (66

Dvaluating a collection of soft spring wheats according to the quality of glutta (by the method of Pelshanke). B.M Cheremisov Shor trud asp, I mol. nauch soft VIR no 2 76-81 "lil

Some structural elements of glutenin isolated from tye gluten. N N Meliteva, A A, Freiman, M, S, Ruzmichenko, Biokhimnia 27 no. 5,894-898 S-O 162.

Triglyceride composition of poppy-seed oil. A.G. Vereshchagin, Blokhimita 27 no.5;866-874 S-O 162.

Determination of the monomeric form of silicate ions in water-glycerol solutions, A.A. Zagorovskaia, Trudy MKHTI no. 41.94-96 'C3

Studies in the field of lipids, Report No. 35; Synthesis of α -O-(1-pentadecenyl)- β , α ¹-distent oyigiyon inc. G, A. Serebi ennikova and others. Khim, pritod, seed no. 5; 308-310 [66].

GLYCEROPHOSPHATASES

Characteristics of glycerophosphatase in Clostridium perfringens. A I Kachelkina, V.A. Blagoveshchenskii, Dokl, AN SSSR 171 no. 5 1193-1195 D 166.

Synthesis of sllyl and propargyl esters of B-aryl-substitu-ted glycidic acid, S.1 Sadykhzade, G.A Agaev Azerb, neit Phoz. 45 no.12,36-37 D 166

Copolymers of unsaturated esters of glycidel Synthesis and analysis of the proporties of the copolymers of glycidol methacrylate and styrene I, M. Kochnov, M. F. Sorokin Trudy MKHTI no 42:97-109 '63

Synthesis of glycidol methacrylate. I. M. Kochnov, M. F. Sorokin, A. N. Shuvalova Trudy MKHTI no. 42:91-96

Difect of complex compounds of inici oclements on telensity of CM - glycine inclusion into gamma globular real antibodies of nonfrendinted and irradiated enter \$1 officiary, \$1 Khalifore, \$1 Khalifore, \$1 Khalifore, \$2.00 for the Radiobiologita is no 5-802-803 for

Glycina-1-C¹¹ incorporation into the proteins of all-gland homogenate fractions of the all-worm Bonday morit O.P.Samarina Biokhimila **I no '1811-6*1 5-O 16*

GLYCINE—THERMOR LECTRIC PROPERTUS

Electrocaloric effect in trigiveine sulfate single crystals, B.A. Strukov - Kresnallograffia, B. no. 6, 1995-1995, S. D.

GLYCINE CRYSTALS—THERMODYNAMICS

Thermodynamics of phase transition in ferror lectric triglythe (hoperyllate BA Strukov, SA Fransikin V A Koptsik Zhurrkep i teor fiz 51 no 1 lotz b 43

GIVEOGEN

Content of glycogen. Lactic and pyravic acid in the mea-cardium in compensatory hyperfunction. A 17 Bo hist Biul ckep biol 1 med. 55 no 6 69-71. Je. 463

Fiftest of ACTH on the content of glycogen in those of rats with acute hypoxia - 10 M. Geven glan - Vop n - 1 khim - 12 no 6:603-605 N-D %6

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GLYCOGEN IN THE BODY

I ffect of whole-body X-ray is radiation on us idlacedlyle rephoglacore system of fils offen synthetic in marros-cells. V N Filippova, L I soldatonkova. Radiostala-gia, 6 no 6,404-806. 466

Destructive hydrogenation of polyesters of ω -chiosest kanole acids to σ ω diols, V, N Refores S,G, Fellows of Trudy VNISNOV no v 1 40 465

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GLYCOLYSIS

Acrobic glycolysis and Crabbres effect on NK/Iy lymphon a cells. Mr Petronko. Dop AN URSE no 11,5490 cells 5

GLYCOSIDES

Astronal, a new isoflazone gives ide from Autragalus austriacus. L. I. Derlugina. Khim prirod need no 5 313-319 466.

New flavone glycoside from Antitosicum functurac. I. M. Utkin, A. P. Serch lakova. Khim, prirod need, no 5

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Part 5 Interaction of phenylethynylglycynlic acid of trawith hydrazines, hydrazinen, and hydroxylamine t 1 Lapfin, IU.S. Ambrichikov, Zhurorg, khlm 2 milli 2075-2078 N 266.

GNEES see subdivision under Kazakhstan; Kola

GNIDIN OIL FIELD-OIL WILL COMPLETION

Development of the Guidin off field, V. P. Onopulenks, N. K. Pravednikov, V. I. Terekhov, Neft. I. gaz. profit, no. 1.12-46 | Jn-Mi | *63.

GNIDIN OIL FIELD—PETROLEUM REFINING

Stabilization of petroleum in Cinidin oil field A. A. Muradov and others - Nefteprinn, delo no 12:33-35

GNIDIN OIL FIE LD-ROCKS, SEDIMENTARY

Tithe-facies characteristics of the lower Polinian-U[12] Carboniferous producing sediments of the Galdin off field, I.A Trukhan, Neft, i gaz, prom. no. 1:18-21 Ja-Mr ¹⁶1,

GOATS-FEEDING AND FEEDS

Effect of feed proteins on the milk yields of goots. O.N. Solomonova. Trudy Inst gen. no. 26:110-151 162.

GOATS-PARASITES soo Parasites-Goats

GODUNOVA, KSENIIA, 1582-1622

The literary image of Kaonlia Godunova and the embiridery ascribed to her N. A. Maiasova, Trudy OFRI, 22,291-310 160.

GOFTMAN, MIKHAIL VLADIMINOVICH, 1890-

Seventieth anniversory of Mikhait Vladimirovich Golinet . Koka i khim. no. 12,55 '66.

COPPER

(see also subdivision under Kamchatka; Kanuchatka Valley)

Errors in the diagnosts of nodular goller. A.P. Kaltiein, S.B. Pinskit. Probl. endok. i golm. 9 no. 12109-110 Ja-F '63.

GOFTER (Continued)

Functional characteristics of recurrent thyrotoxic goiter Z M Marredov, W M Bakhtami Azzib med hur 40 no 4 10-15 Ap '63

GOLD SOTOPES -- THERAPEUTIC USE

Combined treatment of gastric cancer and breast cancer with the use of radioactive gold. V. M. Sitenko and others. Vop onk. 12 no 12 10-13 366

Use of radioactive colloid gold in pleurisy and ascites of tumorous origin. I IA Chupin. Mad rad. 7 no. 8 83-40 Ag 162.

Use of radione two colloid gold in treating oncological patients. T P Subbotian, V.1. Ivinits and Mcd and 7 no. 8:29-32 Ag '62

(see also subdivision under Soviet Far East)

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Some problems in geological studies on gold, G.V. Foss Sov geol 9 no B 10-21 N 466

GOLDIAN DIALECT-VERR

Compound forms of the past tenso in the Nanai language. Kim Cher I en - Ivy, SO AN SSSR no. 9, 901 obshehesty. nauk no. 3,141-448 466.

(see also subdivision under Kondon, Khabarovsk Territory)

The land of cedats, Nomadic tents, and dried fish, 10, Sensialrov V mire knig 8 no 10 28-29 O '66

GOME L'-C LOTHING INDUSTRY-MANAGEMENT Under conditions of production consolidation Z, M Sukhanova Prom. Bell. 9 no 12 29-30 D 466

GOME L'-C ONSTRUCTION INDUSTRY-TECHNOLOG-ICAL INNOVATIONS

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GOME L'--PLASTICS IN THE MACHINERY INDUSTRY

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GOME L'-TRACTOR INDUSTRY-FINANCE

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GONADOTROPIN

Influence of choiconic gonadotropin on some oxidative processes in animal tissues. A. M. Kuzin, N. F. I obedeva. Problendok i gorm 9 no 1,34-39 Ja-1 163 Relation between the gonadotrophic function of the hypothelamic nuclei. A. A. Voitkevich, Problendok, i gorm 9 no.1,119-123 Ja-

Using pregnant mate's setum to stimulate the teptoductive function in cows. N. M. Riazantseva, A A. Syrvacheva. Veterinariia 13 no. 11:72-73 N 166.

CONORRHEA

Changes in the gonococci in the pus of patients under the effect of ten acycline; electron microscopic study T. P. Esartiia Vest. derm i ven 37 no 3.11-43 M 163

GONTAEVA, ALEKSANDRA ALEKSANDROVNA, d. 1961

In memory of Aleksandra Aleksandrovna Gontaeva.

Med paraz.i paraz bol 31 no. 5:637-638 S-O '62,

GOOSEBERRIES-DISCASES AND PESTS

Interrelationship between a parasite and its host at the earliest developmental stages of the disease. A A Benken Shor, trud, asp, i mol, nauch soft VIR no 2: 282-286 (61)

GORDATOV, BORES LEONT'EVICH, 1908-1954

Velengurin, N.F. [Literary portraits] Literatu nye portrety. [Krasnodar] Krasnodar skoe kulzhnoe izd-vo, 1966. 340 p.

CORTLLAS

Gorillas and their progeny. A. A. Shchegolev. Priroda 55 no. 12-62-65 '66.

GOR*KII, MAKSIM, 1868-1036

Generosity, B. Kazankov, V mire knig 6 no. 11:41

Shkana, 1.S. [Seven years with Gor'kti, memoirs] Sem' let s Gor'ktin, vospominania, Moskva, Sovetskii pisatel', 1966, 386 p.

GORKIY-AUTOMOBILE INDUSTRY-SAFETY MEAS-

Procautionary supervision in the Gorkly Automobile Plant, V Atlas, V. Parfent'ev. Okhr, tiuda i sots, strakh, 8 no.12'14 D '66.

GORKIY---AUTOMOBILE INDUSTRY WORKERS---EDUCATION AND TRAINING

Propaganda at industrial enter prises and technological progress E Shehapetov Trudy GISI no 46:101-

CORKIV—CRIME AND CRIMINALS

We are for the conditions of inviolable inv. and order, Sots, zakon no. 11:6-22 N '66

GORLIY -- RADIO IN SPORTS

By the hands of the activists, V. Sokolovskaia. Sov. radio i tel 8 no. 3:27-28 '59,

GORKIY-RAILROAD BRIDGES

Manufacture of rainforced concrete bridge elements at an open-air site. B V Klochkov, V P. Forialov, I V TSuriupa. Transp. sitor. II no. 11 23-27 N 181.

GORKIY --- REVOLUTION OF 1905

Miakit, V.V. [They called to the barricades] Oni zvali na battikady. [Gor'kii] Volgo-Viatskoe knizhnoe izd-vo, 1965. 165 p. (Nizhegorodtsy-1 evoliutsionery) (CSt-H)

GORKIY-SHIGE LLA

Study of nontyping cultures of Hexner's dysenterful mic-robes isolated in Gorkis, author's abatract. L.A. Ippolitova Zhur mikrobiol epid rimmun 33 no 5.

GORKIY PROVINCE-BLOOD-COLLECTION AND PRESERVATION

Organization of blood supply service in Gortkiy Province. N 1A, Klimova Probl gemat i perel krovi 8 no. 2 53-58 F 163

GORLOVKA (DONETSK PROVINCE)-COKE INDUSTRY-BY-PRODUCTS Production of phthalic anhydride at Gorlovka By-Product

Cove Plant. V.I. Filipov and others. Koks i khim. no 10 48-49 *06

GORNO-ALTAI AUTONOMOUS PROVINCE-TEXTILE

Excellent fabrics for Soviet people. A Zinoviev Tekst. prom. 26 no 12 71 D 166.

GORNO-ALTAYSK-PERENNIALS

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GORODKOV, BORIS NIKOLAEVICH, 1890-1953

Proin the history of ideas in geobotany and landscape science, on the 75th anniversary of B. N. Gorodkov's birth. Dokl. Inst. geog. Sib. i Dal'. Vost. no. 1063-73

GOTALOV-GOTLIB, ARTEMII GRIGOR'EVICII, 1866-1960

The scientific and educational work of A. G. Gotalov-Gottib F. L. Gol'din Sov. pedag. 30 no. 12:101-105 D 466.

GOURDS see subdivision under Kiev Region

GOVERNMENT BUSINESS ENTERPRISES-LAW AND LEGIS LATION

Legal problems concerning the participation of workers in the planning of economic development, IE, Monastynskyr Rad pravo 29 no.12:59-62 D *66

GOVERNMENT OWNERSHIP see swidtylsion under Africa

GOVERNORS (MACHINERY)

Regulation of the output of turbogenerators operating in a power system. B. P. Murganov. Teplochergetika 8 no. 2:9-13 F '61.

Studying the methods of the output control of a free piston gas generator. B, V. Vasil'ev. Teploenergetika 8 no. 2-20-24 F '61.

GRADERS (EARTHMOVING MACHINERY)

Testing the D-505 grader elevator. E.D. Galochkin-Strol idor mash 8 no 8.8-10 Ag '63

GRADING AND MARKING (STUDENTS)

Once again about school grades. N Sokolov Nar. obr no 12 81-83 D 460.

GRAFTING

Effect of preliminary grafting on the growth of pollen tubes in crossing tomato with the black nightshade. I.A. Samsonova. Trudy inst.gen. no. 26 93-97 '62.

Method of injecting foreign endosperm. N. A. Scholev. Shor, trud, asp, i mol, nauch, sotr. VIR no. 2 321-327 [6].

Results of the study of physiological and blochemical changes in lemon seedlings grafted on Citrus ichangensis, G.D Chkhaldze Sbor, trud. asp. 1 mol. nauch. sotr VIR no. 2 270-276 '61,

Sexual and vegetative hybrids of the genus Triticum, I L Pelitsikh, Sbor trud, asp, i mol, nauch sotr,VIR no 2:48-59 *61.

Studying the progeny from seeds of tomato grafted on Cyphomandia V.A Vnichkova, Trudy Inst. gen. no. 28.85-92 162

GRAIN

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Morphological and physiological analysis of the varieties of long-day and short-day crops sown in different geographical regions and under different light conditions M. I. Rybakova. Trudy Inst. gen., no. 26 39-45 462

GRAIN-C LEANING

From the practices of the operation of the VO-50 grain cleaner. M Shafesman Muk -elev prom 32 no 11 27 N 166

GRAIN-FERTILIZERS AND MANURES see subdivision under Kuybyshev Province

GRAIN-FIELD EXPERIMENTS

Methodology for planning field experiments in variety testing. V.G. Vol'f. P.P. Lutin. Sel'Phoz. biol. i no. 6:911-919 '56.

GRAIN-MILLING see subdivision under Mirgorod District

GRAIN-TRANSPORTATION

Green light to the new crop Rech, transp 21 no 7:1-2

GRAIN ELEVATORS see subdivision under Kallnin

GRAIN HANDLING see subdivision under Lyoy Prov-Ince; Royno Province

GRAIN PRODUCTS ace Celeal products

GRAIN TRADE

40th anniversary of the Great October. Muk, -elev, prom. 32 no II,1-2 N 166

GRAIN TRADE—SAFETY MEASURES

Petrov, L.M. [Textbook on safety measures] Uchebnoe
posoble po lekhnike bezepasnosti Moskva, Kolos, 1966.
184 p.

GRAMIC IDIN

Diffect of gramicidin C on phosphorus metabolism of Buctilus brevis C-B V. M. Glazer, S. A. Silaeva, S. V. Shestakov Biokhimiis 31 no 6:1135-1111 N-D '66

Effect of gramicidin S on oxidative phosphorylation and respiration in ratiiver mitochondria. R. A. Zviegli-

tespiration in rattiver miochondi in. R.A.Zviagiliskoia, A.V Kotelinkova, Biokhinita 27 no. 5:849-852 S-O '62.
Stidy of the physiology of metabolism and morphology of Bacillus brevis var. G.B., as related to the biosymthesis of granuicidin-C. V.V. Korshunov. Mikrobiologiia 31 no. 5:820-826 S-O '82,

Usefulness of cottonseed oil as a solvent for gramicidins, N. E. Berent. Apt delo 12 no 1:70-72 Jn-F 163

GRANIN, DANIIL ALEKSANDROVICH, 1910-

Responsibility of tolent, V.Survillo, Nov. mir 39 no. 3:208-223 Mi 463,

GRANITE see subdivision under Azov Sea region; Kazakustan; Kuznetsk Alaiau; Transbalkalia; Yenisey Range

GRANTTE-ANALYSIS

Liakhoylel, V. V. [Efficient methodology for extraction of accessory minerals from granttoids] Ratsional nata metodika izviechenija aktsessornykli mineralov iz granitoldov. Moskva, Nedra, 1966. 45 p.

GRANIFE INDUSTRY

Kucherlavyi, F.I., R.S. Krysia, and IU.P. Burkov. [Improving the technology of working grantite quarries]
Sovershchenstvovanie tekhnologii razrabolki grantinyklu kar'erov. Pod red. F.I. Kucheriavogo. Kiev, Tekhnika, 1966. 207 p

GRANULAR CONJUNCTIVITE see Conjunctivitie, Granular

GRAPE BREEDING

Inheritance of some morphological characters in hybrid grape seedlings. A.A.Rumlantseva. Uch.zap.Volg. gos.ped.inst. no.18;24-18 '64.

(see also subdivision under Volgograd Province) Quantitative variations of amino actds in grapes of dif-ferent ripening time. S. A. Maruttan. Dokl. AN SSSR 171 no. 5 1217-1220 D '65.

Requirements of various grape species to temperature conditions. A. M. Mamedov. Lev. AN Azerb. SSR. Ser. nauk o zem. no. 4:154-159 '66,

Stimulating grapevine cuttings in a field of high voltage. G.D. Kuchava. Trudy GRUZNIIMESKHa 8 no 2:47-56 162

GRAPES-FERTILIZERS AND MANURES

Effect of mineral fertilizers on the yield of grapes and quality of wine. N.N. Perov. A.N. IAtsyna.
Agrobhtmita no. 12.43-47 D 166.

GRAPES-SICRAGE see subdition under Moldavia

ORAPES WARRETIFS are subdivision under Fergana, Arasi sau Territor.

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GRAVITATION

Grigor'cv, V.I., and G.IA. Miakishev [Forces in nature] Sily v prirode | Izd 2 , dop | Moskva, Nauka, 1966, 400 р

Irregral form of Einstein equations and covariant formula-tion of Mach principle BL Mitshier Zhur eksp i teur fiz 51 no 4-1143-1150 O 186

"ture of central body in Schvarzschild solution "I E, Gertsenshtein Zhur elsp i teor fiz 51 no 4 1137-

Pulsating collapse from standpoint of external observer W F Gertsensttein, IU M Awazian Zhur ekspiteor fiz 51 no 5 1405-1412 N '86

Theory of small oscillations in nenhomogeneously compressible gravitating medium of plane symmetry R S $O_{\rm hamosym}$ 123 AN Arm SSR Fiz 1 no 3 185-194 46

GRAVITY

Height of gravity separation level B. A Mirtov. Geomag i ser 6 no 6 1013-1018 N-D '66

Langth of internal gravity wave of tidal period in sea. B 1. Kagan. Okeanologija 6 no.5:747-751 '66.

[Semiannual catalog of data on seismology, tsunamis, and gravity received by the World Data Center B1] Shestimes kat dan, po seism., tsun. i grav July-Dec 1965, publ. '86.

GRAVITY ANOMALIES see subdivision under Turkmenistan

GRAVITY ANOMALIES-GRAPHIC METHODS

Graphic method for determining the gravity effect of ver-tical cylindrical bodies V. G. Lizanets. Nauch zap. LPI no 80:148-154 '62

GRAVITY PROSPECTING (see also subdivision under Severo-Stavropol Gas Field)

Estimation of the depth and excess mass of a three-dimensional body based on gravity anomaly. E.H. Bulakh. Dop AN URSR no. il 1448-1450 '62

GRAYLING see subdivision under Baikal, Inke; Irkilsk Reservoir

GREAT BRITAIN—COMMUNIST PARTY

English Marvists believe that the struggle for democracy is an integral part of the struggle for socialism. N.V. Truseneva. Vest. Mosk. un. Ser. 8: Filos. 21 no. 5 75-81 S-O 166.

GREAT BRITAIN-DIESEL LOCOMOTIVES

News of foreign technology. Zhel, dor, transp. 18 no. 7:

GREAT BRITAIN-FINANCE

Orinnkov, R.S. [Masters of the English policy; finan-cial oligarchy and foreign policy of England after Suez, 1957-1966] Khoziacva anglitiskoi politiki; finansovata oligarkhia i vneshniala politika Anglii poste Suetsa, 1957-1966. Moskva, Mezhduarn.otnoshenila, 1966 432 p

GREAT BRITAIN—FOREIGN RELATIONS

Orinalkov, R.S. [Masters of the English policy; financial oligarchy and foreign policy of England after Sucz, 1957-1966] Kozlacua anglitskoi politiki, finansovata oligarkhifa i vneshnitata politika Anglii poste Sucisa, 1957-1966. Moskva, Mezhdunar otnoshenita, 1966

GREAT BRITAIN—FOREIGN RELATIONS—RUSSIA

Gentlemen and crooks or a story of a forgery. Borts
Izarov Nov viem 25 no 218-21 Jo 167

Our comments: A contribution to peace. Nov view. 25 no 81-2 F 157

GREAT BRITAIN-FOREIGN RELATIONS-TURKEY

The policy of England and France in Turkey on the eve of the Second World War. B. Bekiev. Izv, AN Turk. SSR Ser, obshchestv, nauk no 1.3-0 '66.

GREAT BRITAIN—HISTORY

The "agrarian campaign" of the English Liberals in 1913

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GREAT DRITAIN-KNITTING MACHINES-EXHIBITIONS

Knitting equipment at the British Industrial Exhibition in Moscow, July 8-24, 1966 E A. Sobolev. Tekat prom 26 no 12 38-41 D '66.

GREAT BRITAIN—LABOR PARTY

Crists "by installments" in England, L. Sedin, Nov. vrem. 25 no. 4 13-16 Ja '67.

Hopes which were destined not to be realized. V. Truk-hanovskii. Mezhdunar zhizh! 14 no 140-51 *67

GREAT BRITAIN—LAND TENURE

The "agrarian campaign" of the English I iberate in 1913 L I Itueva Uch zap Mord, gos un, no 51:113-125

GREAT BRITAIN-LOOMS-EXHIBITIONS

Ribbon looms at the British and Swiss Industrial Exhibitions E.G. Mazina Tckst prom. 26 no 12 42-16 D

GREAT BRITAIN-MIDDLE AGES

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Wattington Manor in Oxfordshire, 1088-1300; changes in the structure and organization of a large secular estate in medieval England IU. R Ultianov Sied, veka no 29

GREAT BRITAIN -- PEASANTRY

Basic sources for and the historiography of peasant ideology in England, the 13th and 1th centuries. F V. Guinova Sred veka no. 29-70-88 166.

GREAT BRITAIN—POLITICAL SCIENCE

English Marvists believe that the struggle for democracy is an integral part of the struggle for voctalism. N.V. Truseneva, Vest Mosk, un. Ser. 8. Filos, 21 no. 5 75-81 S-O 168.

GREAT BRITAIN-POLITICS AND GOVERNMENT

Crisis "by installments" in Fingland, L.Sedin, Nov. vrem, 25 no. 4.15-16 Ja 467.

Hopes which were destined not to be realized. V. Truk-hanovskii. Mezhdunar zhizn' 11 no.1-10-51 167

GREAT BRITAIN—BELATIONS (GENERAL) WITH THE UNITED STATES

Anglo-American relations from the position of Anglo-Savon unity. Z V. Balobaeva. Trudy TGU 180 147-Savon uni 152 185.

GREAT BRITAIN-SHIPS

English-made ships, Sudostroenie 28 no 12:86-70 D '62

GREAT BRITAIN.-STEAMBOATS
"Great Eastern" IU S Kazarov Sudostroenie 28
no 12:72-75 D '62

GREAT BRITAIN-TUNNELING

Shield tunneling in soft rock, O. IV. Antonov, Transp. strol, II no. 11:56-57 N '61,

GREAT BRITAIN—WEAVING—EQUIPMENT AND SUP-

Weaving equipment at the British exhibition E.A. Onikov, Tekst. prom 26 no. 12,34-38 D 186.

GREAT BRITAIN-WOOD-USING INDUSTRIES - LOGIP

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GREBES-PARASITES ace Parantles-Greben

GREECE-RELIGION

Arskii, F. N. [In the country of myths] V atrans alt. [Moskwa, Molodata grandita, 1965] 181 p. (Mil)

GREEK ESPIONAGE soo Espionago, Greek

GREEKS-ANTHHOPOMLTRY

Data on the anthropology of the Greeks Hong in the U. S. S. R. A. N. Pulianou Vop andr. no l

GREENBELTS see subdivision under Moscow

GREENHOUSES-DESIGN AND CONSTROCTIO ((see also subdivision under Kherson)

Designing large green houses. I Petrov. Arbitat 11 no. 7 42-46 169

GREENHOUSES, PLASTIC

Kollaseva, V.A., T.E. Pashelanko, and O.D. Rozho. Skala. [Microelimate of plant-growing liestallation with film covers? Mikroklamat kullivatilannykh m. p., zhenii s plenochnymi pokrytitumi. Laningrad, tali emicor 12d-vo, 1908. 110 p. (DNAL)

GREENLAND SEA-OCEANOGRAPHIC BUSI ARCH

High-initiade oceanographic expedition in the Green. Sea. A.S. Deniziov. Probl. Ankt., no. 1 10 1 10 10 10

GREEN'S FUNCTIONS

Conditions for extetence of the Green's function in a boundary value problem, V.A.Churlkov 1) 11.01 ... 2 no.9-1104-1102 S 466.

Pignations for Green's functions in Coulomb system with collisions, V. N. Mel'nikov, Dakl, All with the no 5 1072-1075, D. 166.

Existence and retention of alun of Chren's function in certain boundary value problems for the equation $y^{(0)}$: $g^{(0)}$: $g^{(0)}$: $g^{(0)}$: h in Novembreva — Doki Ni P at to no 9:629-631 5 -66

Green's function of elliptically branched Intersals approximation Domain Markovich Domain M

Temperature behavior of impurity apina in farrows and matrix IU A Iziumuv, M V, Michaelev III in the second Theory of apartial line widening V, V, IAlducta cksp I teor fiz. 51 no 511469-1475 N Inh.

Width and density of highly excited atomic levels in a set M.A. Kozhushaet – Zhansekap i teor fiz – 51 no 5, ii o 468 N '66

GRIGULIS, ARVIDS, 1900-

[Arvide Grigotie; his life and work] Arvide (ringulie; dzive un darbe. Riga, Licennu, 1906. 76 p. (che.ii, libus.) [h. Levian]

GRINDING AND POLISHING

Maslovskii, V.V. [Lapping and fitting] Dovedothaye'i prilirochnye raboty. Moskva, Vyashata shkola, 1974, 239 p.

Microtapping with vibrating all active hara. 1. Kh. Rollet shtcin, Vest, mashingstr. 48 no. 12 51-64 D '66,

Noise diencer. E. V. Bohin, V. M. Itanov. Pat' (pat. khoz. 10 no. 0.30 '66.

GRINDING MACHINES

GHINDING MACHINES
For gridding, V. G. Medvetskii, Prom. Hel, 6 to 1:
64a B 166,
The NS-124 machine for milling the front surfaces of
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dor much 8 no.8:27-29 Ag 163

GRINDING WHEETS

Development and investigation of abrasive wheels for wood polishing, A.I. IAtsiuk, V.G. Lichtmay. Page 1 der. prom. no. 3-31-35 Ji-S 162.

GRISEOFULVIN

Sovietgi isocultvin in the therapy of scalp mycoses of W Artevich and others Vost dorm (ven 37 no. 3;3 d Mr 163.

GROCERY TRADE-MANAGEMENT acc subdivision under Erivan

GRODNO-ARCHIVES

white Russia. Tsontral nyl gosudarstvonnyt istoricheski arkiiv v Grodno. [Contral Stale Illstorical Archivevel' the White Russian S.S.R. in Grodno; a guidebook! Tson-tral nyl gosudarstvonnyi istoricheskii arkhiv ileto us-skol SSR v gor. Grodno; putovoditel*. Minsk, 1965. 79 p. (Cst-H)

GRODNO--JUDGES

The heart of a Communist is his best adviser. O. Gru-shevskii, V Zhvalevskii Sots akon no 11 73-75 1 66

GROMVELL

53 kenin from Lithospermum officinale. W.V. Tarecva and others. Shina privod socid, no. 5 159-360 166

GROSS NATIONAL PRODUCT

Indices of the gross product of the vorld. P. Bagrit. Vest. stat. no 12 30-34 466

GROTTHUSS, THEODOR, 1785-1822

<u>Stradyn', IA.P.</u> [Theodol Glotthuss, 1785-1822] Teodol Grotgus, 1785-1822 Moskva, Nauka, 1966 182 p

GROUND BEET LES-EXTERMINATION

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GROUND-EFFECT MACHINES

The passenger vessel "Neva" operating on an air cushion Sudostroenie 28 no 12 77 D '6?

GROUND SQUIRRE LS

5'udy of the seasonal activity of the physiological functions in the Citellus pygraeus Report No.1, K. M. Mokhin and others Frudy Gos nauch shell protive hum inst. 16 261-290 '59

GROUND SQUIRRE LS -- EXTERMINATION See subdivision under Chemyye Zemil

GROUPS, THEORY OF

Catculating quantum numbers of some SU₈ group representations. H. L. Slavraki Uki fiz zhu. H. no H. 198-1205 N. 165.

Expansion of the direct product of representations of the discrett unitary series D', of for the same and group S. S. Sannikov, Dokl. AN SSSR 171 no 5 1058-1060 D 165.

Generalization of certain theorems on finite groups, R.I. Tyshkevich Dokl AN BSSR 6 no 8:471-474 Ag '62

Graph-groups of groups of automorphisms of finite graphs, E.G Davydov, Ukr mai, zhur, 18 no 6 lll-ll4 '66,

h-Isomorphisms of a semigroup with a lightly imbedded perfectly simple ideal V I Kuznictoov Dop. AN URSR perfectly simple ideal no 11-1429-1431 | 62

Identityproblem in finitely defined semigroups. G S. Makanin Dokl. AN SSSR 171 no 2 285-287 N '66.

Locally nilpotent subgroups of periodic linear groups, M.S.Garashchuk Dokl AN BSSR 6 no. 9:545-547 S 162.

Mans formulae in nonhomogeneous Su(6, 6) group. A.V. Nikolov, I.T.Todorov. IAd. fiz 4 no 5 1052-1057 N

Number of classes of iso-ordic solvable nonspecial subgroups of finite groups. V I Sergienko Dokl, AN BSSR 6 no. 6:351-352 Je 162.

On Huppert's theorem. N.S. Akulov. Dokl. AN BSSR 10 no 12:020-022 D '66.

Perfectly simple semigroups without zeroes, and idealizers of subsemigroups L.N Shevrin Izv vys ucheb. zav. mat no 6 157-160 466

Restrictive bisemigroups associated with generalized groups, V.V.Rozen. Izv vys, ucheb. zav ,mat no 6 144-151 '86.

Semi-isomorphisms and structural isomorphisms of semigroups with contraction L N Shevrin AN SSSR 171 no 2:296-298 N '66.

A x-solvable Sylow theorem deduced from the hypothesis of the solvability of groups of old order, S.A Chunkh-in, Dokl, AN BSSR 6 no. 6.315-346 Je '62,

Some z-separability criteria for finite groups, V.P. Gromyko, Dokl. AN BSSR 6 no 8:475-476 Ag '62. Some problems in the theory of vector invariants, Drh. khad thiov. Dorl. AN SSSR 171 no. 5:1045-1016 D '66.

Subgroups of rings without zero divisors. A.C. Z sril. Doki. AN BSSR 10 no. 10 728-731 O 166.

Sylav p-subgroups of a complete linear group, R.T. Vol'vachov. Dokl. AN BSSR 6 no. 8:480-484 Ag '02.

Theorem of third order invariants for frieducible representations of space groups MS Shur Zhur eksp i teor fiz 51 no.4;1260-1262 O '66.

Theory of generalized groupoids, V.V. Vagner, 12v. vys. ucheb 2av. mat. no. 6,25-39 466,

GROWTH (PLANTS)

Mathematical description of plant growth. IU K. Ross. Dokl. AN SSSR 171 no 2 181-484 N 166

Rhythm of the seasonal development of generative shoots in hardwood trees in the Far East, G. P. Belo-stokov. Biul, Glav, bot, sada no. 63; ? 3-77 '86.

GROWTH PROMOTING SUBSTANCES

Study of growth promoting substances contained in the biomass of thermophilic meihane bacteria, Report No. 2. E. D. Mikhlin, V G. Prokot'ovs, N. N. Erofeeva Prikl, biokhim, i mikrobiol. 2 no. 6:687-690 N-D 166.

GUATACOL

Separation of p-eugenot from a mixture of (somers obtained by C-allylation of guafacol N. N. Zelonetskii and others. Trudy VNISNDV no 7115-119 105

Study of terpene phonols. Part 27: Condensation products of nonbornene with guanacol. I S. Aul'chenko, L. A. hhelitt. Zhur org khim. 2 no ll 2055-2058 N 466

Study of tengene phonols. Part 28: Condensation products of camphone with guaracol and their hydrogenation. L.A. Khofits, I.S. Aul'chenko, G. M. Shengoleva, Zhan, org. khm. 2 no. 11.2059-2061. N. 66.

GUBENKO, TIKHON PAVLOVICH, 1896-

Professor T. P. Gubenko, on his 70th birthday and the 10th analyses by of his selentific work. Fleich ichestvo no 12 83 D 466

GUDZII, NIKOLAI KALLINIKOVICII, 1887-1965

In memory of Nikolai Kallinikovach Gudzii (1847-1985), V P Adrianova-Percits, L A Dinitrica Jandy ODRL 22 169-171 166

A word about a teacher; Nikolai Kallinikovich Gudzii¹9 15th birthday V E Gusev 'Trudy ODRL 18,484-75th birthday

GUIDANCE SYSTEMS (FLIGHT)

Lavatev, L.P. [Infrared and light instruments for homing and guidance of flying machines] Infrakrasnyc i sveto-vye pribory samonavedenila i navedenila letatel'nykh apparatov. Moskva, Mashinostroenie, 1966. 387 p

GUILDS see subdivision under Dubi ovnik, Yugoslavia

GUINEA--TECHNICAL ASSISTANCE, RUSSIAN Hotels in Guinea, J. Valdutin, Stroi, tarkhit, Moak, 12 no.6,34-36 Je 163

GUINEA, SPANISH-POLITICS AND GOVERNMENT

A shadow over the equator. Nov vrem. 25 no. 3-31-12 Ja 167

GULF STREAM

Study of theirmal structure of Gulf Stream frontal zone D.I.Baranov, M. A. Shmatko. Obeanologija 6 no.5; 770-776 '66.

GULYAYPOLE DISTRICT-AGRICULTURISTS

Agronomist too should learn I Pisarcvskir Zemlede-lie 28 no 12 61 D 166,

GUMS AND RESINS

Improving the production of colophony by the extraction process A. A. Kiveley, E. B. Bogdanov Citicalz i lesokhim prom. 15 no. 1:23-25 [62].

Pay more attention to new wood chemical products Gidroliz i lesokhim prom. 19 no 8 3-1 166

Use of gossypol resin for the manufacture of extremely hard particle boards. A. M. Zamyshliaeva, G. A. Dmittieva. Der prom., 12 no 12 21-23 D 466

GUMS AND RESINS-THERAPEUTIC USE

Comparative evaluation of the compound treatment of heumatoid polyar thritis with naphthalan and mastic in combination with butadione G.G.Akhali, Azerb.med. zhur. 40 no 4:79-83 Ap '63.

GUNAR, IVAN ISHDOROVICH, 1906-

Ivan Isidorovich Gunar. Agrokhimila no. 12:130 D 186,

GUNTTE

Cumiting with mechanical thrower 1 A. Sultovskii. S M. Verges Stroi i arkhit Uzb. 7 no il 5-6 N. '66

GUNTTE-STANDARDS

Estimated norms for gunite lining M. A. Lev Gor zhui no 12:12 D '66

GUNPOWDER-COMBUSTION

Structure of temperature distribution in stationary com-bustion of ballistic powder A, A. Zenin Fiz gor i vzryva no 3:67-76 '66

GUNSHOT WOUNDS---COMPLICATIONS AND SEQUELAE

Some peculiarities of the clinical and X-ray character-istics of residant forms of the onic gunshot estermyelitis of the tubular bones. S. A. Kats. Travmatologita no. 1:299-367-465.

GYMNASTICS

Development of static energy in gymnests. L. P. Seme-nov, IU. V. Menkhin. Teor. i prak. fiz. kulit. 29 no. 11; 32 - 35 N 166.

Effect of training exercises on functional state of cardiovascular system in young gymnasts, Z. E. Romanova. Teor. i prak. fiz., kuit. 29 no. 11:53 N '66.

System of competition in gymnastics. IA.S. Fradkov. Teor i prak. fiz. kult. 29 no. 11:16-18 N 166.

Vasil'kov, G.A. [Gymnastics for children of the younger school age, collection of general exercises for school and home. A manual for teachers of the first to fourth grades and for parents] Gimnastika dila detoi middshego shkol'nogo voza asta; sbornik obshcherazvivalushchikh uprazhnenti dlia zaniatil v shkole i doma. Posoble dila uchitelei I-IV klassov i roditelei. Mo-skva, Prosveshchenie, 1966. 140 p.

GYNEC OLOGY

Novocaine block of the retropuble apace in the treatment of some discases of the organs of the minor pelvis D. N Dumbadze Sov med 26 no 3:104-106 Mr

Pervyl Moskovskii meditsinskii institut. [Methodological elaborations of practical studies of obstetrics and gyne-cology on thei apculte and sanitary-hygionic faculties] Metodicheskie aazrabotki prakticheskish zanialii po akusherstvu I ginckologii na lechchnom i sanitarnogiglenicheskom fakul tetakh. Moskva, 1966. 160 p. (DNLM)

Petchenko, A.I. [Gynecology; manual for doctors and students] Gluckologiia, rukovodstvo dlia vrachel i studentov. 12d. 2., Ispr.i dop. Kiev, Zdorovia, 1905. 618 p. (DNLM)

Zhmakin, K.N. [Clinical lectures on gynecology] Klini-cheskie ickisti po ginekologii [Leningrad] Meditsima, 1966—333 p (DNLM)

GYNEC OMASTIA

Histochemical examination and content of ectosteroids in the urine of makes gynecomistic and cancer of the breast A L Greatyshik and others. Klin onk, no I hreast \ L 180-186 165,

GYPSUM

Determining the solvent action of filtration flow in gypsiferous rocks from the data of field observations. A. C Oradovskain Trudy Lab, inch, gidrogeol VODGEO no. 1:112-153 G2.

GYPSUM PRODUCTS

Gha gypanm on a basis of superphosphate. I. Kirgizbaev. Izv.AN Turk SSR, Ser, fiz. -tckh , khim, i gcol nauk no 4:53-68 '52

GYURGYANY-MORE OIL FIELD-PETROLEUM GEOLOGY

Lithologic and reservoir properties of the sediments of the lower division of a producing formation in the Gausgyany-More oil field—B.M. Rezimov, V.A. Orud-zhev—Azerb neft khoz. 42 no. 7 12-15 Jl. 164

HAFNIUM COMPOUNDS

Complex for mation of zir conlum and hafutum with amino-polycathorylic acids A. N. Frimakov, I. N. Marov. N. B. Kalinichenko, Zhur, neorg, khim. H. no. H. 2611-2819 N 'Sh

HAIL (see also subdivision under Armenia)

Artificial crystallization of large waterdrops. Kh. Kh. Medallev, Trudy VGI no. 3 18-55 166.

Calculation of melting of halistones in natural processes. V. A. Zimenkov, V. V. Ivanov Trudy VGI no. 3:56-62 166.

Concentration of inflatones and half seeds in thick cumutous clouds. M.T Abshaev. Trudy VGI no. 3:191-196-166.

Onditions for growth of snow, soft half, and half in clouds N S Shishkin Trudy GGO no 186 136-144 '66 Pvaluation of radar methods for determining half in clouds, V.G. Zakharov, V F. Lapcheva, E. S. Mushailov, Trudy VGI no, 3:107-201 '66.

Method of forecasting of hall and shower. N. I. Glushkova, Trudy VGI no. 3:129-139 '66,

Methodology and organization of controlling results of effect on hall processes in Expedition of Bigh Mountain Institute M.P Zavertnev, M.A.Khadzbiev, Trudy VGI no, 3;221-226 66,

Methodology and physical bases of modification of convective clouds for purpose of prevention of damage by hall. G K. Sulnkveildzo, N Sh. Bhilashviii, V. F Lapcheva Tindy VGI no. 3:214-220 °66.

Origin of rain during fall of hall, V. V. Ivanov, F. A. Kunaeva Trudy VGI no. 3-143-146 '66. Permissible errors in shooting at half vones with "Chrus-2" nonfragmental shells from KS-18 Attility system. M. A. Gusev Trudy VGI no. 3: 227-230 '66.

Preliminary results of studying distribution of ball on earth's surface. O.I. Chapovskata Trudy VGI no. 3: 117-128 466.

Radar method for determination of spectrum and concennation of halfstones in convective clouds. M.T.At N.Sh. Bibilashvili Trudy VGI no. 3 154-163 185.

Radar method of determining seats of hall origins, size of hall in cloud, and size of hall reaching earth's surface. V. F. Lapcheva. Trudy VG1 no. 3:161-190 166.

Results of Caucasian Expedition on Prevention of Damage by Hall, 1904. G. k. Salakvelidze and others. Trudy VGI no. 3;231-240 '66, Results of comparison of radar methods for indication of sizes of hallstones developed by High Mountain Geophysical Institute. G. K. Sulakvelidze. Trudy VGI

no. 3:209-213 '66, Verification of method of forecasting of hall based on materials of Caucasian Expedition, 1964. V.A. Belantsova and others. Trudy VG1 no 3 140-142 '56.

HAIR

dermatomycosos. A, G, Suntsov Vest.derm i ven 37 no. 3:65-67 Mr '63.

RAIR-DISEASES

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HAJI KHALFA, d. 1658
Katm Cfelobi's "Tezick" as a source for the history of
Arrenia 1 + Papizian Vest obshehesty mark AN
Arr SSR ro 5 78-37 NV '66

HALHAIN GOL, BATTLE OF, 1939

[Heroes of Halharin Gol] Gerol Khalkhin-Gola [Perm'] Permshoe knizhnue izd-vo, 1966. 129 p

HALIDES

Grounds of high-alloy lead telluride notype single cryssgo ing in migri-ally feat inclinate rivipe angle crystals at the determination of distribution coefficients of three chlorine, and bromin. VI Kaidanov, R. B. McPint, E. St. Federichto, 12, AN SSSR Neorg mat 2 ro 12, 244-2247, D. 96

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Energy levels of defects produced by fast neutrons protition, LD. Konczento, G. N. Eritsian, V. I. Knitrich, Iz. Ah Arm. SSR. Fiz 1 no. 2 125-127 '66

HALLUCINATIONS AND ILLUSIONS

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In estigating the GAZ steam-pneumatic dic hammer L. Klimov, K. V. Scrrenov, L. N. Kliushenkov Trudy GPI 15 no 25-38 '59

HAMSTERS AS LABORATORY ANIMALS

Golden Famsters (Criccius auratus W., 1930) as experimental models for the study of infectious pathology M. M. Pathich, S. A. Dzhavygasov Zhur mikrobiol, epud Limmum, 33 no 6,330-133 Je. 162

HAND-DISEASES

Occupational diseases of the skin caused by wearing rubber glo.es K A Lopukho.a Eksper khir i snest. 8 no 6 59 60 N-D '63

Turners of the hand bones A G, Sadykhov Azerb med zhur 40 no 9,12-20 S 463

HAND-FRACTURE

Fractures of the phalanges and the n etacar pais in children L L Gol'dzand Azerb med zhui no 3 73-75 Mr '62.

HANDICAPPED CHILDREN-EDUCATION

Specificity of educational work in the schools for children with speech defects. S I. Maevskola, Uch.zap. MGPI no.219 73-75 '64

HANDICRAFT see subdivision under Ossetia, North, Soylet Central Asia

HANDSAW FISHES see subdivision under Shiashkotan Island

HAPPINESS

Landesman, P.A. [Happiness of my contemporary] Schast'e moego sovremennika. Moskva, Politizdat, 1965. 77 p.

HARBORS-EQUIPMENT AND SUPPLIES

Ports ought to work better N. Marfenin, D. Bakat Rech transp 21 no 7 0-1! J1 '62,

HARBORS-MANAGEMENT

Problems in furnishing a basis for the optimal correla-tion of the cargo turnover and the traffic capacity of ports. M. M. Gorbatyi Trudy Soiuz Mor NII Prockt no. 7:4-16 '65,

Raise the level of operational work E. Mukhin, Rech. transp 21 no 7 17-18 J1 '62

Work plan indices of ports and landings under the new conditions L. Vysotskii. Rech. transp, 25 no. 12:13-14 166.

Efficiency of mechanized build-up welding of parts of oil field equipment IA M. Keishenbaum, N. A. Prokahorov Mash i neft obor no 9,19-21 66.

Residual Lending deformations arising during welding and hard facing of flat parts 1., N kepetman Trudy 1 IVT no 82 71-80 '65

Weat resistant surfacing of parts of excavator bucket chans. F. I. Lemschuf. A T. Grabchak Avtom syar. 19 no 12 62-64 N [1 c. D] '66.

HARD FACING-EQUIPMENT AND SUPPLIES

Influence of compley for coalloys in electrode contings upon properties of built-up metal, I.G.Noskov svar, 19 no. 12 65-66 N [i.c.D] '66.

Influence of the conditions of wide-layer hard facing upon dimentions of deposited layer. M. I. Razikov, N. V. Korolev. Actom. s. at., 18 no. 12-37-12 N (1 t. DI 166

Stability of the system of self-adjustracht of weaving air surfacing. I.R Patskevich, Aytom, svar. 19 no. 1243-47 N [i e D] '66.

HARDNESS

Itardness of simple compounds. G S Mel'nikov, V.V. Tatasov Trudy MKHTI no. 11 5-7 '63

Microbal dness of oxides of some elements L N
Bazhenova and others Izv AN SSSR. Neorg neat 2
no 11-1991-1997 N '66

Study of Moh's hardness scale by method of microhard-ness M. M. Krushchov, Izv AN SSSR Ser geol., 31 no 12-74-82 D '66

HARDNESS-TESTING

Changes in-hardness of alloys in the system A1 - Cu - Cd - Mn - Li depending on composition and conditions of aging. -O. S. Bochvar, V. G. Badaev. Trudy MATI no. 66:128-135 '66.

HARDWOODS see subdivision under Soviet Far East

HARMONIC ANALYSIS

Applying harmonic analysis in studying magnetic anomy alles M. M. Ivanov, M. A. Efendieva. Geomag Lact. 6 no 6 1135-1137 N-D 166.

Graphico-analytic method of harmonic analysis. M.G. Shmidt Izv AN Turk SSR Set (iz, -tekh, , rhim, i geol nauk no 4-55-62 '62,

Parametric effect of a harmonic random force on a non-linear oscillator; system V II, Kolomliets' Dop, AN URSR no 1i 1113-1417 '62.

HARMONIC FUNCTIONS

Some approximation properties of harmonic functions. A S Dzhafarov Dokl, AN Azerb SSR 19 no, 2:1-6 63.

Use of Schwarz's method in solving Dirichlet problem in doubly connected region V.V Lukovich Vych mat [Kiev] no 2 139-143 '66

HARROWS

Rolary harrow for blind cultivation of corn fields with stiding movement of teeth R N. TSintsadze GRUZNIMESKIIa 8 no 2 165-175 'b2

HARVESTING see subdivision under Zaporozh'ye Province

HARVESTING MACHINERY

Attachment to field machines for harvesting lodged crops.

A T.Kovalev, A.S Vinnik Trakt, i sel'khozmasli,
no 12 28-30 D '66.

Mechanized harvesting of peas. V Chochia, A. Stepanova Trudy GRUZNIIMESKHa 8 no 279-88 '62

Modernization of the ZhVN-10 reaper. V.S.Sakovtsev. Trakt, i sel'khozmash, no.12 37-38 D '66.

Theory of cutting parts with continuous movement of blades. E. C. Khazanov. Zap, LSKHI 06-226-231 '05.

HASTINGSITE see subdivision under Ural Mountains Ideophones as part of speech in African languages. B.V. Zhurkovskii. Nar. Az.I Afr. no.6:114-116 100

HAVRYLIUK, VOLODYMYR MYKHAILOVYCH, 1924-1966

Volodymyr Mykhailovych Havryliuk; obituary. Ukr. fiz. zhur. 11 no. 11 1272 N 166,

HAWTHORN

Clinical study of hawthorn; a survey of the literature D IA, Guseinov Azerb med zhur no 7.3.9 J1 '62. Effect of preparations and some chemical substances from hawthern on the perfola al blood vessels. D.IA.
Guselnov. Azerb.med.zhur. 40 no 4;65-60 Ap '63.
Effect of the five-pistil hawthen (cretaegus pentazyna)

on the bioelectric activity of the cerebial contex D. IA. Guseinov Azerb med zhur no 3:16-23 Mr '62

HAWTHORN-THERAPEUTIC USE see subdivision under Azerbalian

YAY

Intensification of hayfield and meadow management, I. Larin Zemledelle 28 no. 12 8-14 D 166

Speed conditions of the grinding machine for the preparation of grass meal, V A. Skolizaev A I. Pipet a Trakt resilibrormash on 12 11-15 D 666.

HEAD-WOUNDS AND INJURIES

Results of a comprehensive study of the congulative syns tem of the blood in Frosh closed injuries of the Frit. A.G. Kurbanadze - Azerb med zhur - 40 no 2 (u. 1)

HEALTH EDUCATION

Luk'ianov, V.S. [Work and health] Trud I zdorov'e, 11 - skya, Znanie, 1967. 44 p. (Narodnyl universitet 14 kul tet zdorov ta, no 1)

HEALTH RESORTS, WATERING PLACES, 17TC, (see also subdivision under Armenia, Odensa)

(Sanatorium and health resort treatment of cardles recular sanatorium and neuto resolt treatinem of cal dia recipidadas, anderlals for an interprovince actuality and practical conference to held September 28-30, [255] Sanatorno-kurotineo lechenic serdechno-socialistykh zabotevanii, materialy k mezhobiastnoi namehno-20 akti t teskol konferentsii 28-30 sentiala la 1965 goda. Chill, Chilliskii gos. med. in-t. 1965. 124 p. (DNLM)

Sochingkii nauchno-iesledovatel'skii institut kureatelogii Tifrioterapii, Materials of a scientific report a rel scon the results of scientific works in 1963-1964 (1) lagura, May 1965) Materialy nauchno-otchednot sessii po teo-gam nauchnykh rabot z. 1963-1964 gg. (fevt.al'-mat 1965 goda). Socht, 1965, 267 p.

HEALTH RESORTS, WATERING PLACES, 177C. -DESIGN AND CONSTRUCTION See subdivision useful Soviet Central Asia

HEARING

Spatial analysis in humadryad baboon young tollowing the simultaneous excision of the visual, olfactory, heart $_{\rm co}$ and vestibutary apparatus V. I. Korolev. Zhan . , s nerv detat 13 no 4-652-657 J1-Ag '63.

Speech hearing and the determination of the degree of ital development. S Ivanova, Doshk vosp. 30 no 12 to 15

HEARING AIDS see subdivision under Moscow

Correlation between the content of sodium and proteins bound not adrenaline in the heart of cubbits. M. P. Barte, E. P. Vereshchukova. Vop. mad. khim. 12 no 51 621-626 N-D 166.

HEART-ABNORMITIES AND DEFORMITIES

Pathological anatomy of congenital heart defects 1, 12, Krymskii, Khirurgila 39 no.2:54-04 1' '03.

HEART-BLOOD SUPPLY

Morphological changes in the heart and its vessels in lex conditions of varying physical activity of the organisms of a dog. IV. P. Antypetnik. Dop. AN URSR no. 7.5 dec

Practical significance of the topography and architetonics of the cardine vancular system (nunstangues) S.V Samoilova. Trudy Inst. in. N. V. Sklif. 2:260-271

HEART-DISEASES

Basic problems of surgical therapy of congential heart defects V. I Burakovskii Vest. AMN 855R 17 no 18

Clinicorcentgenological changes in defects of the later ventriculai septum A. A. Namazova. I. Kh Habkin Azerb med. zimr 40 no. 8:27-31 S 463

Data on the state of the heart in children both of wenter with heart defects. I. S. TSybul'skala and others. for med. 29 no. 12 7-11 D '66.
Defects in the interarrial septum and their surgical frost-

meni. F. N. Romashov. Khirurgiin 39 no 2:10-19

Diuretic effect of progesiorone in cardiae insufficiency, G.N.Katapetian, V.S.khodzhamirova, V.G.Kukus, Trudy 1-go MMI 43:17-23 105.

Effect of the degree of myocardial hypertrophy in experimental heart defect on body registance to altitude hypoxia. IV. M. Repin. Biul.eksp.biol I med. 55 ap 51 37-40 My '63.

Exerction of catechol amines with the urine in coronary insufficiency under conditions of functional stress.

L.E.Sofieva, T.I. Heltakova, Trudy 1-go Matt. 19:34-

Experimental therapy of cardiac frauma and myocardial infarct S.V. Andreev, Trudy Inst. im, N.V. Skiif. 7:238-239 163.

Interrelation of chronic pancreatitis and myocardial lesion, E.G. Paramonova, S.A. Tuzhilin, Sov. med 29 no 12 67-72 D 166

Litvinenko, A.F. [Auscullation and phonocardiography in congenital heart defects] Auskul tatslia I fonokardingrafila pri vrozhdennykh porokakh serdisa. Ktev, Zderovia, 1966. 118 p. (DNLM)

HEART-DISEASES (Continued)

Pathogenesis of chronic, recurrent myocardial infarcts and progressing cardiosclerosis A.V. Smol'iannikov, T.A. Naddachina Trudy Instrum N.V. Skili 7 183-

Role of toxoplasmosis in changes in the nervous system in congenital defects of the heart and large vessels in children R. A. Koyaneva, M. A. Pronina, N. A. Bykova Vest AMN 555R 17 no 10:40-44 '62

Routine X-ray examination in the diagnosis of defects of the intra-ami joular soptum I. B. Berenshtein, V. I. Frantsey, O. S. Antonov Trudy Novokuz GIDUVa 32 26-29 '65

Technical problems of using electrical stimulation of the heart in clinical practice | C. B. Bobskii, L. 9 Ul'ionin-sti | Eksper khir 1 anest | 8 no 6 6-11 N-D 463

Technique of closed tricuspid commissurotomy in com-bined stenoses B. M. Kostiuchenok Ekspei khir i anest 8 no 6:11-17 N-D '63

Use of desoxyribonucicte acid, amino acids, vitan ins of the 'B" group, and AIP for the stimulation of restorative processes in animals with myocardial lesions 10.5. Checkulin Trudy Inst. im N V. Sklif 7 254-260 163

HEART-EXAMINATION

Clinicarcontganological changes in defects of the inter-ventifular soptum A. A. Namarova, I Kh Rabkin, Azerb med zhur 40 no 9:27-31 S '63

HEART-HYDATIOS

Echinococcosis of the heart. I IA, Deineka Khirurgila 33 no 2:36-46 F '63.

HEART-HYPERTROPHY AND DILATATION

Electrocardiographic criteria in cardiac entargement in athletes L. A. Butchenko, IA. G. Ablov. G. M. Kukulevskii. Teor. I prak. ftz. kulit 29 no. 11:48-52 N '06.

HEART-INFARCTION

Cardiac ancuryams developed following myocardial inferct, and their sugical treatment, B V. Petrovs Trudy Inst im N. V. Sklif. 7 230-237 463.

Clinical and anatomical characteristics of myocardial infact in hypertension. O N. Vinogradova im. N. V. Sklif. 7:177-180 '63 Trudy Inst.

Clinical and cardiographical changes in patients with myocardial infarct following surgical intervention B.M. Kogan, K.M. Lorie Trudy Inst im N.V. Sklif. 7:199-202 163.

7:194-202 103.
Differential diagnostic Significance of cosmopenia in myocardial infarct and stenocardin L. D. Shel'deshova Sov med 26 no 3:17-70 Mi 163

Effect of steroid hormones on blochemical and morphological changes in heatt during experimental myo-cardial inferct, 1 IA, Usvatova and others, Trudy 1-go MMI 43·42-53 [65].

Fluorescence microscopystudy of the early stages of ex-perimental myocardial infarct V, S. Kondrattev, E. F. Lushnikov Biul eksp. biol 1 med 55 no 6:105-110

Mathematical evaluation of the prognosis in myocardial infarct B A.Ryvkin, F.Z.Ryvkina, Sov med 29 no. 12-130-131 D '66

Simplified method for the determination of fibrinogen in the plasma during myocardial infanct and stenocardia Azerb, med. zhur. 10 no. 3:41-48 Mr 163.

Surgical treatment of acute infarcts, A.N. Bakulov Trudy Inst. im, N. V. Sklif. 7 192-195 163

I resiment of myocardial infarct with novocaine blocks of the cardioso: tal plexus of the heart K. V Lapkin. Trudy Inst. Im. N. V. Sklif. 7,207-210 463.

Use of motion pictures in the study of cardiac vessels in sienocardia and myocardial infarction in man S. V. Andreev and others. Trudy inst im. N. V. Sklif 7-249-254 463.

HEART-INNERVATION

Comparative analysis of cardiac conduction system. E.S.Kirpichnikova, T P Evganeva Vest.Mosk un Ser. 6. Biol , pochy. 21 no. i;17-20 JI-Ag (66.

Development of heart innervation in human embryos. I. I. Novikov Dokl. AN BSSR 10 no.12:998-1000 D 166.

REART-MUSCLE

Content of glycogen, lactic and pyruvic acid in the myo-cardium in compensatory hyperfunction A, P, Bozhko Flinl.eksp bioli med. 55 no 6;69-71 Jc 483

Effect of physical load on contractile ability of myocatdium. A.N. Synchuk, P.S. Vakhnovan, G.N. Kondra-tenko, Taor, I prak, fiz. kufit. 29 no. 11:55-56 N 466.

Interrelations between the enzyme catalyzing direct emlastion of pyruvic acid and the transminases in the structural elements of cells of the rat myocardium, M.A.Davtian. Biokhimita 27 no.5:898-903 S-O '62,

Partial purification of alanino-glutamic transaminase of the heart and some of its properties. IU, M. Torchinskii, Blokhimita 27 no. 5:916-926 S-O 162.

Phosphorus metabolism of phospholipids in the brain in ontogenesis. K. G. Manuklan, A. A. Smirnov, E. V. Chirkovskaia. Biokhimita 28 no.2;246-252 Mr-Ap '63

HEART-RADIOGRAPHY

Routine X-ray examination in the diagnosis of defects of the intro-surfcular septum I B Beconshtein, V I Frantsey, O 5 Intonov Trudy Novokuz GIDUVa 32

Significance of X-ray kymography in the determination of some functional and morphological changes in the human heart V I, Koledinov Trudy Novokuz GIDUVa 32: 21-25 65.

HEART-SOUNDS

Differential diagnosis between the 4th tone and the presystolic murmur according to phonocardiographic data G.A. Pafonov, L.I Petrova. Trudy last im N.V Sklif. 7 227-230 [63]

Litvinenko, A. F. [Auscultation and phonocardiography in congonital heart defects] Auskul tatsiia i fonokardiografiia pri vrozhdennykh porokukh serdisa. Kiev, Zdorovia, 1966. Il8 p. (DNLM)

HEART—SURGERY
Basic problems of surgical therapy of congenital heart
defects V I BurskovsHi Vest AMN SSSR 1/ no 10 15-26 62

Causes and treatment of anemia developing after operation on the open heart under conditions of artificial blood circulation S. A. Gadyhiev. A. A. Voi onov. III. V. Km ilov Khirmgiia 34 no 2,31-36 F '63

Clinical aspects, diagnosis and treatment by the applica-tion of prosthesis of valvular insufficiency of the pul-monary artery V. I. Burnkovskii and others. Khirungita 38 no 2-46-53 (* 163

Clinico centgenological changes in defects of the interventi icular septum A A. Namazova, I. Kh. Rabin Azerb med. zhuz 40 no 9-27-31 S '63

Defects in the interactial soptum and their surgical treatment F. N. Romashov Khirurgita 39 no. 2:70-79 F '63.

Kolesov, V. I., ed. [Surgical treatment of coronary hear disease] Khirargicheskoe lechente koronarnet bolezni serdisa. [Leningrad] Meditsina, 1996, 260 p. (DNLM) ed, [Surgical treatment of coronary heart

Some urgent problems in open-heart surgery A. A. Vishnevskii, T. M. Darbinian Khirunglia 39 no 2:13-20

Surgical treatment of acute infarcts A.N Bakulev, Trudy Inst. on N.V.Sklif 7 192-105 '63,

Technical problems of using electrical stimulation of the heart in clinical practice [1], B. Bobskill, I., S. Ul'laningkil Eksper, khir i anest B. no. 6:6-11. N-D. '63

Technique of closed tricuspid commissurotomy in combined stenoses B. M. Kostinchonok Chaper this 1 apest 8 no 6:11:17 N-D '63

HEART-VALVES-DISEASES

Children appears, diagnosis and treatment by the applica-tion of prosthesis of valvular insufficiency of the pul-monary artery V. I. Burakovskii and others Khirurgiia 39 no 2-46-53 F '63

HEART-WOUNDS AND INJURIES

Wounds of the heart and pericardium. R.S Manukian, A.Z. Mamedov. Azerb. med. zhur. 40 no.2:19-55 F '03.

HEART BLOCK

Phenomenon of suppression of the automatism of cardiac ventricles in complete at sevent scalar block under the influence of rhythmic electric impulses. IU I.Bredikis, I.G.Kostenko. Pat fiziol.i eksp.terap. no 3:25-29

HEARTBEAT

Phenomena of periodical contractions of the heart observed under changes in an louie medium G A Phashnik Trudy LPMI no 32:132-135 '65,

Results of the restoration of the contractile activity of the human heart after death, IU.S Chechulin Trudy Inst im. N. V. Sklif. 7:260-268 163.

Deformining the heat and carbon dioxide released by apples during cooling and storage I.G. Altanovskii Khol tekh 30 no 339-40 My-Je '62

HEAT-CONDUCTION

Conditions of heat contact of solids. IA.S. Pidstrygach, Dop. AN URSR no. 7:872.874 '63.

Heat conductivity of helium and hydrogen mixtures. I. F. Golubev, Z. A. Rychkova. Gaz, prom 11 no. 11:48-50

HEAT-CONVECTION

Effect of the circulation rate on the heat transfer factor in the case of boiling in the pipes. S. S. Kutateladze, Energomashinostreenle 7 no. 1:12-15 Ja 161.

HEAT—TRANSMISSION
(see also subdivision under Dolina Oil Field)

Calculation of one-dimensional gas flow in a channel of varying cross section taking friction and heat transfer into account. I. I. Mezhirov. PMTF no. 3.92-95 My-Je 182.

Comparative data on the values of experimental heat transfer factors in condensers, G.V. Nikolaev. Fnergomathinostroeme 7 no. 1:15-18 Ja 61.

Determining the heat flow through the entire height of rote ovens. M. I. Bychev, V. G. Shitenshtein. Kovs i. thim. no. 10:20-22, 166.

Dimensionlen treatment of complex cases of convective

heat exchange V M Borishanskii, A I Mitskevich Engeromashinostrochie 8 no 8,18-20 Ag '62

Fffect of dissipation in processes of radiant energy exchange, V. N. Adrianov Toploenergetika 8 no. 2:63-66 F [6]. Experimental study of the heat transfer in the caternal

gland zone of gas turbines. C. I. Sheinin Energo-mashing tror nie 7 no. 1:25-27 Ja '61

Heat transfer and resistance of checkboard bundles of pipes in a transverse flov. A.A. Zukauskas, A.A. Shangauskas, Teploenergetika 8 no 2.72-75 F '6).

Ignition of condensed explosives with conductive heat transfer from media with poor the med conductivity V N Vilyunos, A K Kelchin - Fiz gor i vriyva no 3

Investigating the temperature fields of the verking blade noot in ings of gas turbines cooled by means of air blast through the clearance slits. B. V. Pedsevalov. Energomashinostroente 7 no. 1,40-11 Ja '61,

Lengthwise sibbed tubular surfaces for regenerators and water preheater, of gas turbine systems. O.A. Kremney, N.V.Zozulia, A.A. Khavin Energomashino-struente 7 no.1:5-8 Ja ¹61.

On the temperature of hodies in a medium with pulsating heat transfer and temperature M.A. Kaganov, IU. L. Rozenshtok. PMTF no 3 90-92 My-Je 162.

Optical modeling of radiant heat exchange in hunces. L. A. Vulle, A. M. Gurvich, V. G. Klinger. Toplomer-getika 8 no. 2-67-71 F '61.

Selecting the temperature difference between the primary and secondary steam in evaporators. N. 3. Astratov. Energomashinostrocnic 7 no. 1, 45-46 Ja '61.

Study of convective heat exchange in vortical heating systems. P. M. Mirhallov, E. N. Saburov. Izv. "ysucheb. av., energ. 9 no.11 110-113 N. 188

Studying the heat transfer and erodynamic resistance in a semi-sudustrial model of the air preheater manufactured from profiled sheet metal. E.I. Volleg., T.A. Savitskii, I.A. Luk-Zillberman. Factgomashino-

troense 7 no. 122-25 Ja '61.

Temporature field of the pratfally cooled root flyings of the turbine blades. B.A. Arkad'ev, Presgomanthosthocate 7 no. 1 30-10 Ja '61.

Thermal cycle in weld-affected zones during electric slag-welding of aluminum alloys, A. IA. Ishchenko, Avtom, svar. 10 no. 12 25 - 36 N [f. e. D] 166.

Thermodynamic analysis of heat exchange in refrigerating plants, V M.Brobanskii, i P Ishkin Khol tekh no 3/17-21 My-Je '62.

The imophysical conditions of copper and bronze deposi-tion on steel by plasma jets. A.E. Vainerman, M. Kh. Shorshorov, IU L. Krasadin Avtom. avar. 19 no. 12; 48-51 N [i e.D] *66

Use of calculating machines for the study of temperature fields and streases in steam-and gas-turbine reters. M. A. Kasparov. V. M. Zeknin, V. N. Venediktov. Fnergomashinostroenie 7 no. 1-1-5 Ja ¹⁶1.

Using the electric modeling method for determining the temperature field of internal combustion engine hushings. L.A. Kozdoba, V.S. Semenov. Energomashinostroenie 7 no.147-18 Ja '61.

HEAT ENGINEERING

Khasman, P. IA. [Fundamentals of heat engineering and power systems] Osnovy teplotekhniki i silovye ustanov-ki. Moskva, Lesnata promyshlennost*, 1966. 319 p.

Rigas politehniskais instituts. Elektroenergetikas lakul-late. Siltumenergetikas katedia. Introduction to heat engineering; for heat engineers] levads siltumenergetika; siltumenergetikas specinlitatet. Sastadijis A. Zingitis Riga, 1966. 174 p [In Latvian]

HEAT ENGINES-MAINTENANCE AND REPAIR

<u>Rudakov, V.N.</u> [Operation and repair of heat engines] Ekspluatatsiin i remont teplovykh dvigatelei Moskva, Energiia, 1986. 311 p.

HEAT EXCHANGERS

Efficiency of using the heat of the flue gases of industrial botter systems. N. P. Kariagin. Prom. energ. 16 no. 1:9-12 Ja '61.

Efficient system of heat exchange in oil oxidation, U. IU. Mukhin, V. P. Myllaev, U. A Petrenko, Masi. -zhir. prom 23 no, 6:76 Je '62. Methods to calculate hoat exchange of evaporator for cooling natural gos. E. A. Budagien. Claz. prom 11

no.11:7-10 188.

Study of heat exchange in a counterflow gas suspension with braking elements in the limits of the change of the Reynolds numbers 1 0 10 Ke 3 6 10 G. I El'kin, E. Z. Emellanenko, N N Slitgarenko Izv vys. ucheb. 72v., energ 9 no 11:113-118 N 166

HEAT EXCHANGERS—CLEANING

Cleaning of vertical tubular heat exchangers using rubber halls. N.F. Rysakov. Izv vys. ucheb zav., energ 9 no 11 58-65 N 166.

HEAT OF CHEMICAL REACTION see Chemical reaction, Heat of

HEAT OF COMBUSTION

Halfs of condings on and founction of the series of como-lous of algebraic terms; omnes "> D. Labeleva Zior Gallonom | 40 no. 11 272 - 2728 L 100.

HEAT OF FORMATION

Heat of immation of phassium selecate and some properties of all discussivelenates and sulfates. T. A. Servenia , Much arova Trud, MAHTI ro 41 14-17

Helts of formation of calendary (mannles -R. G. Gre-h n holists), R. A. Pascolnio is -Dell alsesSR 171 no 5-1142-1144 D 166

HEAT OF TRANSFORMATION

Heat of transition of a nunequilibrium (amorphous) form of cadminin scientte to an equilibrium form Z L Lishchinstana T M Schranova - Friidy MARTI Lushihinetain 5 p. 41 22-25 (63

HEAT RESISTANT ALLOYS

Photometrice struction method for determining cobalt in special in a best resistant affeys. A.S. Bibbako, V. M. Toltaiche. Khim prom. [Uhr.] no 3-68-71 Jt S-62

HEAT RESISTANT CONCRETE

Assembling 60-meter high pines of large heat-resistant blocks. A P Demiscako - Mont i spets rab visitor 28 ro 12 13-14 D 'u6.

Using heat-resistant partitie-concrete in the construction of a smo-estach. M. F. Surnetev, I. L. Malzell. Mont a spets rably strot. 25 no 9.24-26 S. 183.

HEATING see subdivision under Kazaklıstan

HEATING-EQUIPMENT AND SUPPLIES

Star laid method of heat engineering testing of heating apparatus AI Villsho.s-ii I2:.vys.ucheb zsv., strol sar hit 0 no.9:00-03 166

HEATING FROM CENTRAL STATIONS

Concerning V G. Gi chenkun's article 'Some problems of the design and construction of thermal electric power plants " A. A. D. chinin Etek, sta 37 no 11 73-81

Effect of climatic factors on city district heating indices. B. P. Tai ano. Teploenergetika 8 no 2 50-51 F '61

Possibilities for increasing the efficiency of thermal electric power plants with reducing and cooling systems. B A Milovidov. Elek sta. 37 no. 11:83-81

Results of the discussion on the prospects of district heating. Teploenergetika 8 no. 2.87 F '61.

Transfer of heat supply installations to electric power, I.S. Lanin. Teplochergetika 8 no 2 86 F '61,

HEATING FURNACES are Furnaces, Heating

HEATING OF PETROLEUM see Petroleum, Heating of

HEATING PIPES

Studying the effect of weight velocity, underheating and pressure on the critical thermal load A. P. Onatskii, A. M. Kichigin. Teploenergetika 8 no 2 75-79 f '61.

HEGEL, GEORG WILHELM FRIEDRICH, 1770-

Jena teal fhilosophy. Part (to be continued). G.W.F. Hegel. Vest. Mook, un. Ser. 8 Filos. 21 no. 5:90-98 S-O 166.

HELICOPTERS

Helicopters in bridge construction M. G. Lazebnikov. Avt dor 29 no. ll 13-14 N '66

HELIUM-THERMAL PROPERTIES

Heat conductivity of belium and hydrogen mixtures. I.F. Golubev, Z. A. Rychkova, Gaz. prom. 11 no. 11-46-50

HELIUM ISOTOPES

Emission of fast He³ in nuclear fission. Zh, S, Takibaev, K, A, Toktarov, F, N, Zancheva Vest, NN Kazakh, SSR, 2? no. 12 21-25 D ¹66.

Fourth sound velocity in He³--He⁴ solutions B N, Esel'son and others Zhur eksp i teor fiz 51 no 4: 1064-4070 O '66

Helium 3(He³), its sources and methods of observation, R.A. Siuniaev Astron, zh ir, 43 no 8:1237-1243 N-D

HELIUM ISOTOPES-DENSITY

Normal component density of concentrated helium isotope solutions V N. Grigor'ev and others Zhur eksp i teor fiz 51 no 4:1059-1063 O '66

HELMINTHOLOGY-CONGRESSES

Vsesoluznoe obshchestvo gel'mintologov. [Materials for a scientific conference of the All-Union Helminthologia statement controlled in the Art-one meaniminougi-cal Society, December 1965] Materialy k nauchnol kon-ferentsii Vsesoluznogo obshchestva gel'mintologov, dekabr' 1965 g. Moska, Pt.3. 1965. 206 p.

HELMINTHOSPORIUM (see also subdivision under Maritime Territory)

Biology of the causative agent of the stripe disease of White Russia N A Dorozhilm, L R, Voitov : Dokl AN PSSR 6 no 6 101-103 Je '62,

HEMAGGLUTININ

Effect or interferon on production of hemagglutining in chick inbroblasts infected with smallpox virus IU Chemetsov Vop virus 11 no 6:667-671 N-D '66

Formation of hemagglutining and infectious Sendar virus miells of ascitic Philith carcinoma IU A Smirnov, A G Bukinskija Vop vijus II no 5 370-673 S-O 66

Nonspecific inhibitors of hemagglatinins in humans and animal blood and their elimination. A I Rezepova Trudy Mosk nauch -issl inst vitus prep. no 3 lut-

Resistance of hemagglutinating and infectious activity of adeno muses to vorious physicochemical affects R.S. Dreizin, E.L. Zolotarskana Vop vitus II no 8-689-696 N-D '66

HEMATITE

Nonogram for determining the absolute magnetite and hematite content of hematite-magnetite ores and rocks on the basis of the date of chemical analyses N. A. Plaksenko Trudy VGU 63 117-119 '65

HEMATITE CRYSTALS—MAGNETIC PROPERTIES

Piczomagnetic effect in α-Γe₂O₃ V. P. Andratskii. A, 5 Borovik-Romano. Zhur eksp i teor fiz 51 no 4

HEMATOENCEPHALIC BARRIER

Changes in the per meability to penfeillin of the hematoencephalic barrier in rabbits in experimental staphylococcal infection. E.Rudzitis Pat.fiziol.i eksp.terap. no 3 82 -83 %4.

HEMATOLOGY

Hematological changes in compression phase of compression syndrome in it radiated and nonula diated animals M I Ul'ianov Radiobiologiia 6 no 6:842-843 '66

HEMATOLOGY ... CONGRESSES

Ninth International Congress of Hematologists; informational report G. A. Aickseev, M. G. Abramov, V. M. Bergoltts, Probl gemat. i prick krovi 8 no. 3°55-81 Mr. 163

HEMATOPOIESIS

Changes in the peripheral blood and bone marrow in animals irradiated in a state of nervous depression or stimulation. T. M. Kondratteva. Vop radiobiol. 1;

Combined treatment of acute radiation sickness with hemopolesis stimulants and antibiotics S.E. Mar. L.V. Funshtein, C.I. Shcherbant Vop. radiobiol. 406-411 '61 S. E. Manoitov.

Effect of experimental hypothyreosis on hemopolesis restoration in irradiated rats N.N. Petrishchev. Radiobiologiia 6 no 6:844-847 '66

HEMATOPOIETIC SYSTEM

Study of the election microscopic structure of cells of the hemopoletic tissue—Report No. I. Flection microscopic picture of hemopoletic elements in healthy people—E. I. Terentieva, T.G. Krastoshevskata, Probl. gemat i perel krovi 8 no 3-3-10 Mi 163

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Effect of the intensity of the radiation dose on the frequency of tumor development in the hematopoietic system of mice S.N. Aleksandrov, K F. Galkovskaia, Vop onk, 9 no 3·40-44 '6' .

Changes in the wall of the urinary bladder of rows in chronic hematuria V.N.Golovach, A.M.Lemishko Veterinarila 43 no. 12,63-64 D 166.

Latent period of motor reactions in hemianopsia, A S. Arutianova, S. M. Blinkov, Zhur. vys.nerv. doiat. 12 no 3:432-436 My-Je '62.

HEMINS-TOXICOLOGY

Characteristics of toric effects of two hermin poisons-evanide and azide-appearing under conditions of their synergism Z. N. Ivanova Trudy LPMI no 32'46-

HEMIPTERA

Labium of Hemiptera (Heieroptera). L. V. Puchkova. Dop. AN URSR no. 7:964-967 163,

HEMIPTERA, FOSSIL see subdivision under Transba ika tia

HEMOGLOBIN

memoreculin Amount of hemoglobin and cryth ocytes in young salmon of various ages in a hatchery and after its planting in a river I N. Ost: oumova Trudy MMBI no. 12:176-186

Cyanmethemoglobin method for the determination (1), globin and standardization of hemoglobinoma try = G, V Derviz, A, M Kata, AS Kantorovich = I do drio ; + 1 29-31 - 187,

Iffect of whole-body N-1 ay it is all after on he media-synthesis in vite oby he molysates of chick of white over T. V. Kazueva - Radiobiologija (6 no 6 817-1111 h)

Hemoglobias of some maminals as polycomponent as a tems, I M Matvecva, V V. Oppert, Hoshimita no 5:836-832 S-O '62,

HEMOLYSIS AND HUMOLYSINS

Antibodies to autoers through lysates in table through the exposed to some andioactive broch ment. On Air, seeva. Radiobiologika 6 no 5 108-111 566

Antistreptolysin reaction in dermotology 12 Million D. Naumova Vent derm i ven 37 no 3 in-13 etc. 2 to Constants of the rate of crythrocyte lyals by the activity

of Clost Idium perfringens type A in various unit of N. P. Sinadal II. I. G. Polozova. Zhur milreblet e ep. t. immun. 33 no 6 H5-H7 Je. 462

HEMOPHILIA

Surgical interventions in homophilia. G. M. At dollar Khumgaia. 12. no. 11.103–108. N. $^{1}66$

HEMORRHAGE

Anesthesia and the loss or blood in operation on the Logic in tuber culosis R. C. Manudova, RJ, N. Zhillin med zhin no 7:10-17, Jl. 162

Diffectiveness of endotracheal oxygen and other and the in-in-repeated trauma and hemorrhago in a state of the \$\displaystar{\psi}\$. A. V. Martinkus Disper khir Loncat ii no hid ii N-D 463

Pyper imental study of the portal circulation during to agonal period and during resuscitation following cParallel dath [10, M Tevin Birl chap biol 1 med 55 h co 33-36 My *63.

Heimar hagic mechanism in plague - Report No. 2 Cop H reconstance in experimental plague. T. E. Moch vo. 111 - Gos nauch, -1661 protivochum first - 1665-10 - 151

Some data on relationship between slim neterially a of hemori hagic syndrome phenomenon in dega follows; acute radiation six kness and topography of peripheral nervous system injury BII I obedev Badlohidogita 6 no 64840-056 '66

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HEMORRHOIDS

Aleksandrov, G. N. [Pathogenesis and conservatives transment of hemorrhoids] Patogenez i konservatives k. 1 integeneratives k. 1 integeneratives (20 p. (DNLM)

Embryological investigation of the change of tex in tracking Rh. IU. Rudenko - Ukr. bot zbuz. 20 no. 114 20 26 f

HEMP-DISEASES AND PESTS and subdivision under

HEMP—FERTILIZERS AND MANURES (see also subdivision under Zhitomir Province) Root and foliar feeding of hemp, M. D. Khanta. Pochy, as1 i effek, adob no. 1(118-124-6)

HEMP INDUSTRY-EQUIPMENT AND SUPPLIES

Differentiation of the process of home acutching 1 V. Susloparova Izv. vys. ucheb zav., tekh. tokst. prom no 5:31-35 '66.

HEPARIN-THERAPEUTIC USE

Study of anticongulative proper ites off the collagent of a facomplex V. L. Lemenev and others. Trush logic data 49:278 - 287 '66

HEPATIC VEINS-RADIOGRAPHY

Some problems of hopatic phlobography V K Abraes. Trudy Novokuz GiDUVa 32:30-32 '65

HEPATITE, INFECTIOUS (see also subdivision under Amur Province)

Activity of serum transaminases in epidemic hepatitis in children, K. A. Amirdzhanov, Azcib med, zbar 3 60-66 Ag 562,

Clinical and diagnosite algoriticance of the heteroben aggiutination reaction in Bottin's disease; on the substract M. A. Shiankevich, V. IA. Solovei. Zhur mike third apid i immun 33 no. 6.89 Je 62.

Clinical significance of transaminase and phoughtters onzymes in Botkin's disease. N.B. Tagleva. A vil. med.zhur. 40 no 4:32-38 Ap '63.

Development of anictoric and atypical forms of linkin's disease. A.G. Vinogradova, Azerb. med. zbur. 40 no.4:26-32 Ap '63.

Diagnosis of anieteric forms of Botkin's discuss in an epidemic focus M.R. Zak. Zhur milarobiel., up't i immun 33 no. 6:87-88 Je '62

Epizootiology and epidemiology of infections benefits. N. V. Kiseleva, Voterinarita 43 no. 11:37-30 N 344

HEPATITIS, INFCCTIOUS (Continued)

- Fig. reactions in epidemic hepatities, M.D. Aleinik, IN Shizhniakova Vop vina 8 no 1 502-105 Ji-Az 161
- Incremofluorescence method for detecting anligen in liver cells of infectious hepatitis patients. It's Ketiladze Vop virus. It no 6.875-680 N-D '66
- Protein fractions of the blood serum in epidemic hepititis in children. K. V. Amidzhanov, T. L. Panbova. Azerb med zhur. 10. no 219-24 F. '63
- Some problems of tungston metabolism in epidemic hepa-title G 1 Dontsov Sov med 29 no 12 11-16 D 195
- Study of an oathicak of epidemic hepatitis in school R.S. Charednikord Zhur miki obtol . cpid i immin 13 Charednitora Zhui mikiobiol , epid i immin no 11:140 N 166
- Study of viruses isolated nom Botkin's disease patients and their contacts. O A Nuromstale Vop virus. if no 6-721-721 N-D '66
- Use of the addonac test among the centacts in the locu of crudernic hep datis (BotPin's disease), author's abstract Z L Begaeva Zhur mikachool . epid i immun 33 no 6:89-90 Je '62

HEPATOLENTICULAR DEGENERATION

Changes in the content of serum nucopa dents in hepato-corebral dash ophy 12. Cl. Largicht, D. N. Cherkashelman-lo Vop med. khim 12 no 6 5 98 - 600 N-D 166

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HEPTANOIC ACID

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HEPTENE

I tquid phase hydrogenation of 1-heptene on ruthennum-pathadium catalysts of different composition. D V Sakollakin and others. Trudy Instabilin nauk AN Kazakh, SSR 11 222-225 166.

HERRICIDES

- Change in botancial forms of mountain tall-grass mea-do, a under the effect of herbicides. F.V Chernogubov. Agrochimita no 12 105-109 D 166.
- Change in chlorophyll-protein-lipoid complex stability in plants treated with sodium salts of chlorophenosy-aratic acids. S. M. Mashtokov, I I Parometik. Dokt AN BSSR 10 no 10;792-785 O 166
- 'Dimestic" means against pests B. Mal'ko. Zashch, 14st H. no. 12:30 '66
- Effect of horbicides on the technological quality of raw cotton and cotton fibers M.S. Mai hal. Trudy I. charli mar. 14. Scithoz nauki no. 1139-113 466
- "Efficience", "a new highly effective herbicide Shamkhal Mamedov, O.B. Osipov, V.M. Zeinalova Dokl. AN Azorb, SSR 18, no. 4:31-31, [62]
- Herbicide activity of some anyla, alkyla, and anylalkylarsenic acids VV Babba and others. Khim v selvkoz 4 no.12.13-45 D 166
- Methods for the placement of herbicides in soil. V. A Koleenikov Khim v sch Phoz 1 no. 12 36-30 D *66
- Photosynthesis and Hill reaction changes in various corn forms as affected by 2, 4-D and 2M-4X 5 M Mashta-fov, I I Paromodik Dokl AN BSSR 10 no.9:601-694 S 166
- Protection of plants against pests and diseases. Inform. biol VDNKH no 9 11-12 S '62
- Use of avadex and trialiate against wild only; (review of for eign literature) A S Kozlov Khim v sell khoz i no. 12:86-69 D '66.

HERBICIDES—TESTING

- Results of testing herbicides in sugar beet fields of Kursk Province. V E Lobanov. Khim v sell khoz, 4 no 12:30-42 D 166.
- Testing preparations, N. Bebekh, Kh. Igamberdyev, 'N. Protasov, Zashch, rast. 11 no. 11-29 '66.

HEREDITY OF DISEASE

- Characteristics of psychoses and character anomalies in families of schizophrenics L N Vidmanova and others Zhur nevr. i psikh 66 no 12 1848-1854 466
- Role of the hereditary factor in the development of insultus. I.t. Isaeva, V. F. Mikheev, Zhur, nevi, i.psikh, 67 no.1:22-24 467.

HERMAPHRODITISM

Problem of so-called testicular feminization (pseudoher maphroditism with the testes in the inguinal cona), B. K. Veli-zade, L. I. Aruin, Problemdok i got m 9 no.1:08-102 Ja-F '63.

HEROES see subdivision under Tambov Province

HEROES IN LITERATURE

Heroes do not die. K. Evgratov. V mire knig 6 no. 10: 38 O 166.

- HERRING
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- Determining fat content in herring under commercial conditions L.P. Minder, L. I. Konstantinova PINRO no 13 63-76 462,
- I ffect of water temperature and abundance of some hering species on their growth dynamics. G.A. Bogdinov, 5.5 Pedorov. Ryb. Phoz. 42 no. 11 8-10 '66.

 Fedorov. S.S. [Biology and fisheries of sea herring]. Biologia i promysel morsioi sel'di. [Moskva, 1966]. 139 p.
- Submarine observations of the reaction of hearing to an artificial light O A.Sekolov Trudy Osean rom 14

HERTZEN, ALEKSANDR IVANOVICH, 1812-1870

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инхапияне.

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HEXANAMIDE

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Synthesis of ethers of 2,5-dimethyl-2,5-hevane bishy-droperovide V, S, Gurkusha-Bozhko and others. Uki khim zhut da no. 12,1315-1316 166

Some derivatives of 2-cthylhexanol, V. M. Dashunin, A. V. Kozlova "Ludy VNIISNDY no 7 21-25 '85,

HEXATHIAADAMANTANE

Possibility of the use of tetramethylicenthiandamantone as additive to lubricating oils. IA M. Slobodin, S G Hoemberg Khim i tekn, topl i masei 11 no 11:47-

HEXENE

Ozonization of l-hevene and properties of ozonides, S.D. Razumovskii and others, Zhur.org, khim, 2 no li-1942-1946 N '66

HEXOBARBITAL

New color reaction for luminal and bexend! V I Lobanov Apt delo 12 no 1:79 Ja-F '63

HEXOKINASES

- Revokinase activity in collular fractions of the liver in healthy and alloxan-diabetic rubbits M. P. Fomina. Biokhimita 28 no 2:232-237 Mr-Ap *63
- Participation of hexokinase reaction in the effect of conticoids and insulin on the rate of rigor montis of the skeletal muscles E V, Moreva Trudy LPMt no. 32 98-102 '65
- Relationship of insulin, exytoc in and vesomessin to yeast hexekinsse G, V, Titova Biokhimita 31 no 6:1107-1110 N-D '66

HEXONIUM

Effect of the block of vegetative ganglia on some indices of the immunological reactivity of the body. O.A. Babaeva Azerb, med zhu: 40 no.2:66-70 F '63.

HEXOSAMINES

Hexesamine containing compounds of the lipopolysaccha-ride type in the leaves of higher plants B. N. Gladyshev. Biokhimia 28 no.2;210-215 Mr-Ap '63.

HIATAL HERNIA

- Cose of a dextral parasternal diophragmatic hernia I. M. Erlikhman, I I. Gordeev Azerb, med zhur, no 7:63 65 Jl '62
- Ease of strangulated biotus her nin of the diaphragm G. G. Alley Azerb med zhur 40 no 9:60-71 S '63,

HIBISCUS see subdivision under Kiev

HIDES AND SKINS-PRESERVATION

Mittofanova, L.A. [Preservation of raw hides and fur-in and fur-out type peltry, methods for quality preservation] Sokhranenie kozhevennogo, shubnogo i mekhovogo sprilar metody sokhranenia kachestva. Moskva, Ekononika 1966. 01n. (Bibliothe negetoritele khutelia kunta mika, 1666, 91 p. (Biblioteka zagotovitelia zhivotno-vodcheskikh produktov i syr*ia)

Preservation of hides and skins. B.M. Dushyn. 1ch. prom no. 2 10-33 Ap-Je '62

HIGH ENERGY FORMING

Developing technological processes for high speed forming of metals. IU. P. Sogrishin and others. Ruz. - shi im. proizv. 8 no 12,5-9 D *66.

HIGH MOLECULAR WEIGHT COMPOUNDS see Macromolecular compounds

HIGH PRESSURE RESEARCH

- Lifect of pressure on magnetic transfermations of manganese arsenide N P Grazhdankina, IU S, Hersenev Zhan ekspiteor fiz 51 no i 1052-1058 O '66
- Phase to ansition on germanium telluride at high pressure 5 % Kabalkina. L. F. Vereshchagta, N. R. Serchitanata Zhurekspiteor fr. 51 no 5;1358-1362 N. 156

HIGHER EDUCATION see Education, Higher

HIGHWAY CONSTRUCTION see Road construction

HIGHWAY RESEARCH

- Contribution of science to production. Avt.dor. 29 no 12:1-2 D $^{1}66$
- Weating down of automobile thee in relation to slone waring down or automotive trees in teration to stope of road along toudbed, comparison of varying types of highways. S. B. Nikitin, 12v, vys ucheb zav., stroi i arkhit. 9 no.9 107-112 168
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- Vascular thrombosis in fractures of the hip. E. V. Volchok. Trudy Inst. im. N. V. Sklift. 7 392-396 163.

HIP JOINT-TUBERCULOSIS

Surgical treatment of fistulous forms of tuberculous coditis. N.N.Buntatov. Azerb. med. Alun. 40 no.44 codils N.N.I. 73-79 Ap 63.

HIPPURIC ACID METABOLISM

Disorders in the synthesis of hyppuric acid in white rats during intextentions caused by the effect of chemical substances used in industry P.G. Garkavi and others Toks.nov prom khim. veshch no 8 5-14 466

HISTAMINE

- Dynamics of the changes in the content of histamine in Symmics of the changes in the Commit of instantial the blood and cerebrospinel fluid in dogs following replantation of extremities II. Vajsfel'd and others Trudy 1-go MMI 49 197-206 [65]
- Effect of Pastemelia pestis toxin on the histaminopevic effect of the blood in white rate and guinea pigs I.V. Domaradabit, V. I. Krupenina. Biul. eksp. biol i med. 55 no 5:18-51 My '63
- Histornine-historninase system in Escherichia coli endo-tovin intoxication K. V. Korovnikov. Pat.fiziol.ieksp. terap. no 3/41-44 '61.

HISTAMINE METABOLISM

Effect of polymy in M on the content of histamine and serotonin in the blood and tissues in rate S T Filippostiants Antibiotici II no.11 1011-1017 N '66

HISTOCHEMISTRY

- Cytological and cytochemical examination of primary and continuous kidney cell cultures of the African grivet makey (Cercopitheess achinops) infacted with the stmian virus SY₄₀. V IA, Karmyshevs and others. Vap virus 8 no.4*166*466 JI-Ag *63.
- Histochemical demonstration of some protein substances
- Histochemical demonstration of some protein substances and proteolytic enzymes in neurons of different parts of extaneous and motor analyzers in cats 1. M. Gershtein. TSitologita 8 no.5-830-642 S-O '66.
 Histochemical study of changes in oxidation-reduction enzymes in the process of viral carcinogenesis N T. Rolkhim. E A Sintraova, P. Leiking Vop. virus. 11 no 6:711-717 N-D '66
- Methodology for the excision of a portion of the myocardium in a determined phase of the cardiac cycle for subsequent biohistochemical and autoradiographic examination, A.N. Modelianovskii and others. Fiziol, zhur, 48 no. 10:1277-1278 O '82.

HISTOLOGY

Effect of cytotoxic antilymphatic serum on the cellular composition of lymph nodes. E.M. Kipervasser fiziol.1 eksp.terap. no.3/49-53 '64

Ultrastructure of cerebral capillaries. N. N. Bogolepov. Zhur nevi, i psikh. 66 no. 12:1797-1802 '66

TOLOGY-DICTIONARIES

seev, V.G., W.N. Kopaev, and I.R. Kilachiiskale. Junha histologica. Moskva, Meditsina, 1965, 181 p. ı 5 languages!

[MICROPILM]

FORIANS, NORTH OSSETIAN

V. Skitskit, A. K. Dzhanaev. 128. Scv. - Cset. nauch. Issl. inst. 25:81-01 166.

FORIC HOUSES, ETC.

Society for Protection of Historical and Cultural comments | Ist SSSR 10 no.6 200 N-D 168

ORICAL CHRONOLOGY see Chronology, Historical

'ORICAL MARKERS ee also subdivision under Ukraine)

ve popularization of historical and cultural monunts. I. Kovaliskii Iskusstvo 29 no 10 44-46 '86 avenue of glory. I. TSarev Agutator 31 no 23 33

ORICAL MATERIALISM

oktobel am lettalibat vskii-na-Donu gosudarstvennyi pedagogicheskii Itul, Kafedia (Ilosoffi, [Problems in historical dialectical materialism] Vopnosy dialekticheskogo toricheskogo materializma. [Rostov-na-Donu] Ro-skee kuizhnoe izd-vo, 1968, 214 p.

f notes. Vop 191 41 no. 12 190-191 D 166.

RY—BIBLIOGRAPHY see Bibliography tory

IRY-METHODOLOGY

ialist dislectic and the special methods of historical arch. A. F. Kilmov. Ukr, ist, zhur. 10 no. 11:43-

RY-STUDY AND TEACHING

Krupskala on history classwork. M. I. Khruhliak, ist, zhur. 10 no. 11:120-122 N '60,

mended planning of educational material in history as of the 5th-8th and 9th-10th grades in the second of the 1006f67 school year. V S. Gribov, M L. shevskula. Vach et cd.shkola 9 no 6,42-50

7. Lev Khokkei. Hockey. [Moskva, Ird-vo istva pechali Novosti, 1998] 91 p [Parallel texts ssian and English]

IN'S DISEASE also subdivision under Chernigov Province)

il form of roentgenological manifestation of meial lymphogramulomatosis B (A. Luk'ianchenko, 'ereslegin. Vop. onk. 9 no 3,83-87 '63.

iemistry and some problems in the pathogenesis pulpoters. M.S. Zhakov. Veterinarita 43 no. 11: N 166.

OLERA-PREVENTIVE INOCULATION

nce of short-interval vaccination against hog a, paratyphoid fever, and swine plague for the rvation of swine on farms with hog cholera in-on and hazard 1. V. Okuntsov, G. F. Epifanov, anin. Shor, nauch, rab. SibNIVI no. 11 125-140 462.

and the aerosol immunization of swine against thera using powder vaccine of the avirulent dry ed virus vaccine strain A.V. Selivanov, G.A. lina. Shor nauch rab SibNIVI no. 11 135-137 '42.

ion of awine against log cholera using reduced of the avirulent dry laptenzed virus vaccine L.V. ov. G.F. Epifanov, G.1 Panin Shor, nauch rab. 1 no 11 119-123 162,

ion of swine against hog cholerausing reduced of tissue crystal violet vaccine in an experiment, unisov, V. M. Bitkin, T. P. Zharkova. Sbor ab. SibNIVI no 11-13-133 462.

1 MACHINERY

m of a skip hoist with asynchronous drive and of skips with deceleration dependent control.

nakps with overett into dependent control.

ngradiov. Iav. vys. ucheh. zav., elektromekh
1271-1278 '66.

ug. R. F. Il'in's srticle "Dynamics of descending
nding parts of hoisting rope " N. P. Neronov.
30 no 3:100-110 '61

vortical apparatus of petrochemical and chemis. C. Boborykin, Na strot. Ros. 1 no. 10:11

V.A. [Metallurgical hoisting and conveying | Metallurgicheskie pod'emno-transportnye Moskva, Metallurgila, 1966, 254 p.

H.L. [National holidays today] Narodni Jhodni. Kylv, [Vyd-vo "Radians"ka Ukraina"] p. (Tovarystvo "Znannia" Ukrains koi RSR. L no. 10)

HOME AND SCHOOL

Pol teachers and parents, N.I.Driakhiov, Vest.vys. shkoly 24 no 12-56-58 D 466

HOME ECONOMICS—ACCOUNTING

Matlukha, I. IA. [Statistics of the population's budget] Statistika bindzhetov naselenila. Moskva, Statistika, 1967 246 p

HOME ECONOMICS-DICTIONARIES

[Concise home economics encyclopedia in one volume] Kraikasa eniskilopedita domashnego khoziatstva v odnom tome [Izd 3.] Moskva, Sovetskala entsikilopedila, 1966 1342 columns.

HONE YSUCK LE

Formation of generative buds in Weigela pracees and Weigela and dendorthana LV Korobova-Semenchento, LA. Frodova. Vest Mosa un Str b Biol., pochs 21 no 4 61-68 Jl- kg 466

HOODLUMS

Nigal, M. A. [Socialistic legality watches over the public order] Solsialisticheskala zakonnost' na strazhe obshehestvennego porladka. Alma-Ata, "Kazakhstan," 1966, 58 p. (CStall)

HOOKWORM DISEASES

Disorder of tron metabolism in ancylostomiaels F. F. Soprunov Med paraz i paraz bot 32 no 2:159-163 Mr. Ap '63

HORMONE RESEARCH

Some problems of hormonology and thyroid gland regulation. A A Voltkevich, A.V Tkachev. Usp sovibiol 62 no 3,430-446 N-D 106.

HORMONE THERAPY

Compound hormone therapy in diffuse forms of alopecia I N. Vinoku ov Sov med 29 no. 12 118-123 D 166

Effect of hormone therapy on morphology of adrenal cortex in rheumatic fever. L. I Aruin. Trudy 1-go MM1, 43 24-33 '65,

Reasons for and characteristics of hismone therapy in malignant tumors of the testicle L.F. IUnda Klin, onk no 195-103 165.

Significance of the study of the functional state of the adrenal cortex in a clinic of internal diseases M. A. Alekperov Azerb med. zhur 40 no 2;56-61 F '63

Use of cortisone and ACTH in spring catarrh and in its conjunction with trachones. R. A. Alizade Azerb med zhat no 8 33-38 Ag '62

HORMONES

Characteristics of the reaction to antidiuratic hormone in phylogeny V. F. Vasillova, A. G. Ginetsinskii, M. M. Sokolova, Fiziol, zhur, 48 no 10-1240-1245 O '62

Decidual transformation of the uterine mucosa in a patient with breast cancer as a manifestation of general hormonal disorders A, K Ageev. Vop.onk 9 no. 3

Hormones of insects, N. A. Tamarina, Usp sovr. biol. 62 no. 3:115-429 N-D 166

Mechanism of changes in the sensitivity of organa to physiologically active substances as related to various hormone concentrations in the organism. IA. I. Azhrpa, A. N. Mal'kov. Dokl. AN SSSR 191 no. 5:1234-1236 D 165.

Participation of hexekinase reaction in the effect of cordicolds and insulin on the rate of rigor morns of the skeletal muscles E.V. Moreva Trady LPMI no 32 96-102 165

HORMONES (PLANTS)

Phytohormone abscisin. A. A. Shamshurin, Priroda 55 no.12:60-61 '68.

HORMONES, SEX

Put ification of gonadotropic hormone preparation by ionexchange chromatography on dicthylaminosityl cellulose and zonal electrophoresis on starch. A.I Mineina. Biokhimila 27 no. 5:805-813 S-O 162.

HORSE-SHOWS

International fair-exhibitions at the Evhibition of Achievements of the National Economy and Moscow Hippodrome, Inform bird, VDNKH no 817-18 Ag 162.

HORSEFLIES see subdivision under Biryuchty Island

HOSIERY INDUSTRY see subdivision under Kiev

HOSIERY INDUSTRY-EQUIPMENT AND SUPPLIES New technology for the manufacture of stockings and socks, D. T. Braha. Leh. prom. no. 2;21-27 Ap-Je 162.

HOSPITAL CARE

Burmistrova, N. N. [Pedagogical work with the sick child]
Pedagogicheskala rabota s bol'nym rebenkom. Moskva, Meditsina, 1964, 157 p. (DNLM)

HOSPITALS-DESIGN AND CONSTRUCTION

Experimental design of a 1,100-bed hospital. Arkhit. SSSR no. 7,58-60 183

HOSPITALS—OUTPATIENT SERVICES (see also subdivision under Ukraine)

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HOT-AIR HEATING

Hot-air heating system. G. Koktetrahvill, sch. on al 18 no. 11 28 N 161

HOT-WATER HEATING

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HOT-WATER HEATING-EQUIPMENT AND SUPPLIES see subdivision under Latvia

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HOTELS, TAVERNS, ETC. -FINANCE Hotels' sources of income, and material incentives G. Zhukov Sots.trud 11 no.12:48-53 D '66

HOURS OF LABOR

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Compute the expenditure of labor in man hours | K Mach. 10v. Ekon sel'khoz 42 no 12,99-101 D '66

Pronounic indices of eight- and seven-hour watch and work schedules on ships N.1 Povaliaev. Till, Soliz MorNIProckt no 7 70-82 '65

The five-day workweek in the Kuznetsh Basin mines, M.F. Sizintsev Lev SO AN SSSR no. 9, Sci. obshche stv. nauk no 3,15-18 466

nauk no 3,15-18 '66
'Ine live-day workweek' schedules and wages. 5,6mr*\.e
gorin and others Sotstrud 11 no 12;120-130 [) 4,6

General conclusions from the work experience under new conditions. Part, which no 148-49 Ja 407,

Motor vehicle drivers) working hours, I. Koniakhin Okin tuda i sots strakh 9 no 12.2-1-25 D '06' Iwo rest days; problems and concerns. B. Roman, V. Ladelshchikov, Part. zhizn' no.1:45-17 Ja 'es

HOUSEHOLD APPLIANCES, ELECTRIC-PRICES

Planning for prices for electric household appliances, V. Vasilevskii Plan khoz, 43 no. 183-81 Jo 167,

HOUSING-LAW AND LEGISLATION

Evchange of 1 come and apartments in a house owned to a cooperative residential building association. M. Kartasheva, A. Pergament, Sov. iust, 30 no. 21-10-17 D '66.

Mandatory exchange of rooms and apartments V. Surkos. Rad. pravo 29 no. 12:33-35 D 166

Rights of the tenents of separate apartments. T Skolfaik Sots.zakon 13 no 12:33-35 D 166.

Ways to eliminate the debis caused by the failure to porcut in time. E. Kurdover. Sov. iust. 30 no. 21:27 D '66.

HRABOVS'KYI, EMIL'

Shandor, L.Z. [Emil' Hrabovs'kyl; a sketch of his life and work] Emil' Hrabovs'kyl, narys pro zbyttla i tvorchist'. Kylv, Derzh, vyd-vo obrazotvorchobo nystetstva muzychnol lif-ry URSR, 1962. 30 p. (CaOTU)

HRUSHEVS'KYI, MYKHAILO, 1866-1934

Why did Mykhailo Hrushevs'kyi return to the Soviet Ukraine? F. P. Shevchenko, Ukr. ist, zhur. 10 no. ll: 13-30 N '66.

HULLS (NAVAL ARCHITECTURE)

Changes in the stressed state of the ship's hull during operation and repair K M. Gatovskii, I. A. Gunin. Trudy LIVT no 81 110-118 '65

Some problems of designing and building ship hulls of plastic materials, 1U.1, Nechaev. Trudy Kal, tekh. inst. ryb, prom 15:136-143 '62.

Some problems of the interrelationship between the hull construction and shipbuilding technology, A.A. Pravdin Trudy Kal. tekh. inst. ryb. p. om. 15:144-158 '62.

HUMAN BODY see Body, Human

HUMAN EMBRYOLOGY see Embryology, Human

HUMAN ENGINEERING

Bioelectric currents and possibilities for the design of new machines M. Breido, Lobr. i rats. no. 12:

Specificity of the origin and development of neurotic states in operators in the man-machine system. I of Gorboy, O.N Kuznetsov, V.I Lebedev Zhur, nevi 1 psikh 88 no 12:1805-1912 168

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Walignant chondromyosarcomoid fibroma of the huncius, S.L.Lipkin, Vop onk, 12 no 12 61-63 466

HUMERUS-FRACTURE

Fractures of the surgical neck of the humanus and their treatment. M. V. Khovenko. Travinatologila no. 1 treatment N 239-245 '65.

Tate results of surgical meatment of complicated fracfures of the humeral neck N Kh Salakhetdinova Trudy Inst. im. N V Skhi 7 338-312 63

Surrecondyloid and transcondyloid fractures of the humerus in children according to report data. A. dev. Azerb med Alur no 3:63-66 Mb. '62 A. A. Akum-

Treatment and outcome of fractures of the eminential capitals of the humerus. I T knysh Travanatologita no 1 202-208 65

Study of the effect of the variation of relative air moisting on the defen mation of leather parts during the manufac-turing process and the storage of footwear G.S klimchuk, IU P Zybin Izv vvs ucheb zav tekh leg prom, no 5 108-116 '66

HUMIDITY-EFFECT ON PLANTS see Plants, Effect of humidity on

MUMIDITY-PHYSIOLOGICAL EFFECT

Effect of all handlity on the vitality of micro-organisms in nerosols V.V.Vlodavets Mikrobiologica 31 no.2-350-356 Mr-Ap '62

HUMUS (see also subdivision under Ukraine)

Determining the effect of exchangeable calcium on the content of organic matter and total nitrogen in horizons of Law luming, B.D. Zattsey Pochyovedenic no. 12 40-

HUNGARIAN LANGUAGE-DICTIONARIES-RUSSIAN

<u>Kutsenko, V. L., comp.</u> [Hungarian-Russian military dictionary. Approximately 25,000 terms] Vengorskorusskti voormyl slovar'. Okolo 25 000 terminov. Moskva, Voornizdat, 1966. 416 ρ.

HUNGARIAN STATESMEN see Statesmen, Hungarian

HUNGARIAN VISITORS see Visitors, Hungarian

HUNGARY-BIBLIOGRAPHY

[New literature on Hungary] Nov. lit. po Veng. nos. 11-12

HURIGARY-COMMUNIST PARTY

At the Congress of the Hungarian Socialist Workers!
Party. K, Katushev Part, zhizht no. 1:68-71 Ja '67,

HUNGARY-COMRADES COURTS

Comrades courts in the Hungarian People's Republic.
D. Antalfi, Pravoznavstvo no 1:128-113 '65.

HUNGARY—FOREIGN RELATIONS—RUSSIA

Soviet-Hungarian cooperation. Z. Mirskit. Nov. vrem. 25 no 8 20-21 F '67

HUNGARY---HISTORY

Hangary, our filend," R. Strelfnikov, Sov. radio i lei, 12 no. 6;38 Je '63,

Participation of Hungarians in the European antifascist realistance movement [7] S. Repryntsev | Ukr. ist. zbur. 10 no. 12.58-51 D | 166

HUNGARY-LAND TENURE

Agrarian policy of the Hungarian Social Democratic Party, 1910-1914, D. Farkas, Ukr, ist, zhur, 10 no, il; 31-42 N '66,

HUNGARY—ORIENTAL STUDIES

Oriental studies in Hungary, 1939-1964, G Betlenfalvi. Nat. Az. i Afr. no 6-161-168 466.

HUNGARY-PENSIONS

Pensions for workers and employees in Hungary. N.1. Azhishcheva, P.V. Mashanov. Sots chesp. 41 no 12 56-59 D *66.

HUNGARY—RELATIONS (GENERAL) WITH THE UKRAINE

A session devoted to Ukrainian contacts with Hungary, N.M. Kichanivs'ra, Ukr, ist, zhur, 10 no. 11:158-159 N '96.

HUNGARY-REVOLUTION, 1918-1919

Kun, Irina. [Bela Kun; reminiscences. Translated from Hungarian] Bela Kun; vospominantin. [Moskva] Molo-dala gyardita, 1966. 311 p. (Zhizn' zamechatel'nykh liudei. Scriia biografii, no.17(430))

HUNGARY-SOCIALIST PARTY

Agrarian policy of the Hungarian Social Democratic Party, 1910-1914. D. Farkas. Ukr. ist, zhur, 10 no.ll: 31-12 N '66,

BUNTING STORIES

Shorin, N.S. [Colden fleece; from a nunter's notebook]
Pushiaki - zolotinki; iz bloknota ekhotnika. IAroslavi',
Verkhne-Volzhskoe knizhace izd-ve, 1966. 68 p.

HUS, JAN, 1369-1415

Jan Hus, on the 550th anniversary of his tragic death, G.I lipatnikova, Vop 15t, alay no. 2 3-24 166

HUSA, VACLAV, 1906-1964

In memory of Vaclat Husa. I. M. Klimov, A. E. Mostalen-ko Vop. ist. slav. no. 2-292 166

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State of hyalin onidage-hyalin onic acid system in bin n sichness P. J., Kharman, IU. M. Panova Pat. fiziol i elsp.terap no. 3:51-56 64.

BYALURONIC ACID-THERAPEUTIC USE

[Stimulation of regenerative processes] Stimulirovanie regenerativnykh protsessor. [By] Z.N.Zaprudskala t dt Moskva, Meditsina, 1966 93 p. (Biblioteka prakticheskogo vracha)

HYALURONIDASE

State of hyalm onidase-hyalm onic acid system in burn-gickness. B L. Khasman, IU.M Panova. Pat fiziol.i ekspiterap. no.3-54-56 161.

HYALURONIDASE-THERAPEUTIC USE

Treatment of some postmaumatic contractures with Tonidase A Kh Ismailov Trudy Inst. im. N. V. Sklif. 7 410-417 '63

HYDRID CORN see subdivision under Moldavia, Ukraine

HYBRID COHN-FROST RESISTANCE see subdivision under Moldayia

HYBRIDIZATION

Genetic recombinations in intestinal bacteria. Report No 1: Hybridization between Escherichia coli and Shigelia flexner I A, P, Fekhov, A, A, Abidov Biul. eksp biol i med. 55 no.5:58-90 My '53.

"Hybrid" antigen in monkeys (Theropithecus gelada and Paplo hamadı y.as) B. V Konlinkhov, N. P Bochkov, M. V Sazhina Buil eksp. biol i med 55 no 5:lll-ll4 $My^{-1}63$

RCITACIYH

(see also subdivision under Atmenia)

Anatomicoclinical classification of alveococcosis, I. L. Biegadze, A.S. Kogan, Med. paraz i paraz, bol no 5:538-642 S-O '62,

Case of anaphylactic shock following a repetition of Casoni's teaction, N.O. Anan'ina, Med paraz, i paraz bol, 31 no. 5:509-610 S-O '02,

HYDRACRYLIC ACID

Synthesis and reactions of β -lactones. Part 2: Stability of β -1 febloromethyl- β -propiolactone ring. F. I Lukuits-Fii, B. A. Voysi Zhan org. khim. 2 no. 11 2012-2014 N 166.

HYDRATION

Acid hydration and nucleophilic addition of alcohols and mer cantans to arylalkylthloacetylenes. IU, 4, Botko, B, S, Kupin, A, A, Petrov, Zhur, org. khitn. 2 no 11: 1923-1928 N '66

Hydration of propylene oxide in the presence of cation exchanging tors us the catalysts N G Poliouskit, N. L. Potudina. Neftekhimita 3 no.5:706-712 S-O '63

HYDRAULIC CONTROL

Study of hydrostatic transmission with limited input power. V. A. Petrov. Aviom. 1 telem., no. 12:141-151 '66.

HYDRAULIC CONVEYING (see also subdivision under Kizel Basin)

Changes in coking properties of coals during their hy-draulic conveying. V. A. Korshunov, V. M. Dinelli, Koks I khim, no. 10.11-14 '66.

bistlitt gornogo dola im. A. A. Skochinskogo. Moving hydraulic and air mixtu es of rock in pipelines Dylzhenie gidro-t aerosmesei gornykh porod v trubaki. Moskva, Nauka, 1968—161 p.

Measures for preventing solid deposits in ash conduits V F Vikhrev and others - Izv vys. acheb zav., energ 9 no.11:52-57 N '66

Powerful port loader, M. Nikulin, Rech. transp. 25 no. 12:59 166.

HYDRAULIC CONVEYING-TABLES, CALCULATIONS,

Hasic parameters of hydraulic mining in making cross-cuts. A. G. Grekov. Shakht. strot. 10 no. 11-8-13 N 166.

HYDRAULIC ENGINEERING

Calculating the winter coefficient K by the hydraulic method F, F, Razzoienov. Gidr strot 33 no 6.14-46, 48 Ag '63

Calculation of protective and regulationatructures from reinforced concrete beam tetrahedrons- F.Sh. Ishaev. Stroi i arkhit Uzb 7 no 11:16-18 N '66

Coordinating conference on the problems of hydraulic engineering. I. E. Kartelev, E. L.Jorish. Gidr. strot. 33 no 7:61 JL '63.

Determining the solvent action of fitti ation flow in gypatferous rocks from the data of floid observations A E Oradovskala Trudy I ab inch. gidrogeol. VODGEO

Fatimating the error of the method of fragments in calculating across below an apron. V ID Dollatell. Dop AN URSE no 7:861-866 *63.

Flow calculations for water reduction in the excavations of dams and hydroelectric power stations. N N vert-gin. Trudy Lab inzh, gidrogeof, VODGEO no. 4 89-

Flow from screened catchment areas. V. M. Sheatakov, Trudy Lab in b. gidrogeof VODGFO no. 1 112-120 162,

Foreword, Trudy Gidroprockia no. 7-3-8 162,

From the pages of foreign journals (Add strot 33 to 3 56-58 31 43

Role of the Moscow Canal in the development of Soviet hydraulic engineering. M Shimboya Rech transp hydraulic engineering 21 no 7 39-10 Jl '62

V.V.Smylsov, M.M. Zhurrelev Transp strot. Il no, Il 50-51 N 161.

Skiba, M M [Practical hydraulies for irrigators] Prakticheskala glidravlika dlia irrigatorov Moskva, kolos, 1966 151 р.

Technical and economic calculation of the cutoff depth and grout custains V P. Udovickenko Cidi etroj 33 no 8:25-26 Ag '63

HYDRAULIC ENGINES

Revolution irregularity of high-momentum radial-piston had autic motors A 1 Pluzhnikov Sudostroenic 28 no 12 20-25 D '62.

Concer ning a theory of hydraulic jump V. S. Sincl'sheld-kev. G. P. Skrebkov Gidr strot 33 no 8,18-50

highraulic calculations for the conjugation of the forchay and the afterbay in case of the flow through a trapezoid gate into a trapezoid channel. A. F. Puzanov. Vod. khoz. no. 4-133-138 '66.

HYDRAULIC MACHINERY

Stresses transmitted by hydraulic generators is learing structures V.V Mikhailov, Trudy Ckhopreskin no. 7-116-148-162

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Effect of trimming the runners on changes in the characteristics of suction dredges T.1. Mel'nikov ucheb zav. gor. zhar. 6 no 5:133-137 '63

HYDRAULIC MINING-SAFETY MEASURES Bee Bubdivision under Donets Hasin

HYDRAULIC MODELS

tise of models in studying the seismic stability of earthwork canals, B. Illiasov, Izv. AN Turk, SSR, Ser, fiz. - tekh., khim, i geol nauk no. 6:36-11 '62.

HYDRAULIC PRESSES

Hydraulic press for tent and glued blocks. Sh.I Amzoev. Der. prom 15 no 12 24 D 166

Programmed system of inductive pressure regulation in hydraulic systems, A.E.Tereshchenko, Kuz. - shtam. proiz", 6 no 12:28-30 D '66.

HYDRAULIC STRUCTURES

Calculating the stability of the hydraulic structures of polls under conditions of a three-dimensional problem L F Zlatoverkhovníkov Trudy SoluzMorNii Prockt ng, 9-43-58 '66

Costain problems in the development of power-intigation complexes G. O. Levit. Gidn stroi. 33 no 8:62-63 Ag *63.

Conferences and seminars. Gidr strol 33 no 8:47

Coordinating conference on the use of built-up reinforced concrete in hydraulic structures N. V. Razin, P. G. Startiskii Gida stroi, 33 no. 7:59-60 Jl '63.

Determining the dimensions of the mattress revoluent of river hydraulic structures G. B. Rurua. Gidr stroi 33 no. 8;39-42 Ag '63.

From the pages of foreign journals. Gidr. stroi. 33 no 8:52-57 Ag '63.

Increasing fatigue stress of concrete for precast hydrau-lie structures, B.F. Mikulovich. Trudy Gidroprockta no. 7:229-237 | 182.

HYDRAULIC STRUCTURES (Continued)

- Kuzo lee, G. M. [Special hydraulic structures in atomic for er plants] Spetsialing gldrotekmicheskie scoruzhenner er do na, klapisalinialin. Pod red. A.N. Komistowskope. Moskva, Momizdat, 1966. 262 p.
- that is a small hold to spece the fine in the special fine in the
- Proceeding define all the ray data order, of the health of a street of performance in the control of performance in the control of the open of LEPT control of the control of the CITP of the control of the cite of the CITP of the control of the cite of the ci
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- to me, and technical contribute or joing specialists of the Street Institute for the Design of Hidraulic Struc-tries I (Le be, VF Shehuro Gili stroi 33 no beat by 'ed
- Sthitt in a title problem it percolation under an overfall. I I I (2-h) Dip. M. (RSR 95-11407-1413-62)

HYDRAULIC STRUCTURES-SAFETY MEASURES

Use of solid figured blocks in hydraulic systems struction. D. A. Pilsery. Fuerg struction, inc. 13-24 $^{16}\rm{h}_{\odot}$

HYDRAULIC STRUCTURES—VIBRATION

- Permissil 1: amplitude of vibration in hydraulic struc-tures V 4 Pohirt, V M Strellmkov Trudy Gutroprocess no 7/23/-244/62
- Samé results of the study of the vibration of rivorine hodrs the studences 1.78, Maksimov, V G Tishchenko, D A Harin Trud, Gidtoprockta no 7.99-107 (62

HYDRAULIC TURBINES
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HYDRAULIC TURBINES-MAINTENANCE AND REPAIR

Stepen'Foy, IU.A. [Fitter for repairing hydraulic tubles] Slesar' po remontu gidraylicheskith turbin. Mostva, Vysshula shkola, 1966. 215 p.

HYDRAULICS

Determination of hydraulic losses in elements of circulating system in electric drilling V P. Bludov and others. Burenie to 12 12-14 466

HYDRAZIDES

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- Quantitative determination of arylaulfohydrazides and them NI-acyl derivatives N.N.D.khanov, A B Dzhidzhelacia Zhur anal khim 21 no 10 1277-1279

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- Autolic oxidation of hydrazine on smooth nickel in alkaline solution B.P. Nesterov, N.V. Korovin Elektroshimita 2 no 11 1296-1300 N. 166.
- Superiors structure of electron paramagnetic resonance operina of heterocyclic analogs of diphenylpici inchedracyl IU M Ryzhmano, and others. Dokl. AN SSSR 171 no 5 1120-1122 D 168.

HYDRAZONES

- Identification of edorous substances. Report No.1 S A. Kore and others Trudy VNIISNDV no 7141-145 65
- Symicals of anirostane derivatives series. Report No. 12: Hydrazones and symmetric dib, diazones of 2a-methyl-testosterone, 2a, 17 dimethyltestosterone and 2a-methyl-Tar-chyltestosterone. L. N. Volovel'skii. Khim prirod socd. no. 5 354-359 466.

HYDROBIOLOGICAL RESEARCH

Manufacture and use of a holder for determining primary production of organic matter in bodies of water, G.G. Gorbaten'kii Biol res vod Mold no, 4 100-102 '66

HYDROCARBONS

- (see also subdivision under Irtysh Valley; Ob' Valley)
- Acylation of aromatic hydrocarbons by naphthenic acids, A.N.Nitazov, K.N.Sidorenko. fzv. AN Turk, SSR, Ser fiz -tekh ,klim.i geol, nauk no 4-49-52 '62
- Ar-02 sutomatic continuous-action measuring instrument for aromatic hydrocarbons. V S. Sukhomitnov. Neft, 1 gaz, prom. no. 1,58-50 Ja-M1 163.
- Characteristics of the pyrolysis of light hydrocarbons in industrial furnaces, E. B. Frid, M. N. Frid, Kuim, i tekh, iopi, 1 masel 11 no 12;5-9 D 186.

- Composition of microimpulfiles in converted gas and conditional mater of Distemperature aggregates. G.S. Reskota, I. P. Russo. Khim profit. 12 no. 12 903-907. D. 56
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- I flect of alkane and cyclane hydrocarbon a on the thermalovidation stability of jet fuels F M Bushuvi I F Bespulov Khim i tekh topi i masel 11 no 12:44-46 D No.
- Finetics of the reaction of hydrocarbon dehydrogenation, G.M. Panchenro, J.M. Kolesnirov Trudy IGE 18, 40-17-162
- Liquid liquid equilibrium in ternary systems consisting Paylor and others. Thus it shims. 10 no 11:2/19-2724 R bb
- Mechanism of the synthesis of hydrocarbons from carbon monoxide and steam I F Bogdanov, Truly IGI 18; 34-39 162,
- New method for sultonating aromatic peli oleum hydro-carbons 10 T Gordash F A Rekunova, R 1A Sr-machko Lev AN Turk SSR Ser fiz -tekh , khim i geol nauk no 2 21-32 %1,
- New regularities in lowest excited electron levels and electionic transitions in spectra of polynuclear at omatic hydrocarbons. Lin Ch' un-wan, V M Tatevskii, Vest, Mosk un Set, 2 Khim 17 no, 5 90-91 S-O '62,
- Odorous substances from mostlyl oxide and aromatic hydrocarbons preliminar, report G E, Syadkovskafa A, I, Platova Trudy VNISNDV no 7 35-38 %5
- Physicochemical features and group hydrocarbon com-P S Makovetskii Neft, I gaz prom. no 1:61-67 Ja-Mr '63,
- Some economic aspects of the production of aromatic hydrocarbons from crude oil B A Brunshtein, V I, Klimenko, S F Riabukhova khim prom 42 no 12; 882-891 D 166
- Study of adsorption capacity of stilica gels based on hydro-carbon gases Al M kuller, F V Chilgorian Areib neft khoz 45 no 9 37-39 S '66
- Studying the kinetics of the conversion of hydrocarbons during the second step of hydrocacking of vacuum gas oil. L N Osipov, V A Khavkin Khim t tekh topl i masel 11 no 12-14-17 D '86.
- Water sol formation in hydrocarbon medium at low temperatures KO, Averbakh and others koll, zhur, 28 no 6 777-780 N-D '56,

HYDROCARBONS—ANALYSIS (see also subdivision under Azerbaijan)

- Investigating the aromatic hydrocarbons contained in catalytic cracking naphila N. M. Indiukov and others Nefickhimita 3 no 5-868-671 S-O '63
- Viscosity properties of C12-C24 anomatic hydrocarbons and their hydrogenated analogues (cyclanes) P I. Sanin and others. Neftekhimiia 3 no 5:625-634 5-O '63.

HYDROCARBONS—PHYSIOLOGICAL EFFECT

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- Formation and transformation of paroxide compounds in radiation-induced oxidation of hydrocarbons. M. k. Romantsev, V V. Saraeva. Zhui, fiz, khim. 10 no. 11; 2798-2804 N '66,
- Ionic and electronic processes taking place in hydro-cat bons in a condensed phase under the offect of radia-tion E. L. Frankevich. Usp khim. 35 no 7 1161-1185 Jl 165.

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- Decomposition of spruce wood with a dichlorocthane solu-tion of hydrogen chloride, V. P. Kovalev. Shor, trud, UF: NHB no. 7 72-83 '68,
- Equilibi ium of 2-chloropropane dehydrochlorination, G. IA, Kabo, D. N. Andreevskii Neffekhimita 3 no.5: 764-770 S-O '63.
- Synthesis of vinyl chin ide by hydrochin instin of acety-lene in a fluid-bed catalyst ID, G. Mamedalicy, Mager am Mamedov, N. I. Ione Dokt, AN Azerb SSR 18 no 4:23-26 '62.

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- Motion of gas hubbles caused by pulsating pressure in a liquid in the absence of mass forces. L. IA Liubin, A.S Novitskii, PMTF no.3,3-9 My-Je 182.

- On the temperature of hodies in a medium with $\rho(1)=0$ then transfer and temperature, [M, A, h, t, a] , [H, J] Rozenshtol [PMT1] no. (190-99) My [t, t] $t_{\rm H}$
- Steady nonuniform and continuously changing liquid the in prismatic channels. P. I. Kuchristick. Hep. 15, URSR no. B.1441-1143/162

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Brief news of construction and operations (ddf till) 33 no 8,17 Ag '63

- calculating and investigating the flow through rape at pressure apillways and ejection in combined laying trie power stations (S. M. Slivakii) (dds afrod)) no 7 26-30 Jl 463
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- Conference on the operation of the hydraulic charter of hydroelectric power stations [8, 5, Obrevio , and 21]. Gild strot. 33, no 8:58-61 Ag. 464.
- Construction of dispatcher graphs for reactions of dispatcher graphs for reactions of hydroclectric power stations with long-term in the E.V. TSvetkov, B.E. Kosorottkova, Trialy VI. [1] no 32-91-111 [65].
- Determining damage trom marketion and the distriction of expenditures for combined hydraulic structural replaces. B. O. Egiazarian (dds strof. d) no 1 1 1 Jl 63.
- An from autograph, V. Korlov, V in the hilly finite, 11,
- Manufacture of almored panel structures. A.A. Alm elsework. Energ stroit no 8:21-26 466.
- Optimization of a tidewater power plant. N. A. harroure witt, V. N. Stlakov Trudy VNIII2 no. 20 116-16; 20;
- Signaling network with central signal removal and reperted action. IU. N. Chekhovoi. Prom. (1); p. no. 1.21-22 Ja 461.

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- Adsorption-description method of obtaining a-hydrogon on aluminum oxide for chromatography. B. 27 r., Had, R. P. Biagot, G. G. Zhan', Zhan', Hz, khim 40 no, 11:2871-2875 N '66.
- Concentration of hydrogen in hydrocracking under for pressure. IA.R. Katsobashvill, E. I. Pibart, ht fin i tekh, topl. I mase! 11 no. 11:16-17 N 106.
- Concentration region of explosibility of hydrogen-experimental earlier almost at present on above atmospheric. S. A. Jantovskii, M. V. Cherriak. Zhur, fiz shim. 16 no. 11;2800-2900 N. 166.
- Continuous metal-steam process for the production of hydrogen using natural coal. A.A.Gavillovo, Tt., IGI 18:101-109 *62.
- Electrochemical axidation of H2 on smooth Pt cleate to partially immersed in KOH nobition. V 1º 16 1650, 10. N A. Aladzhalova. Elektrokhlmila 2 no. 11,1255 1°52 N 166.
- Exchange between gascous and structural hydrogen of alumosilica gel, G. M. Panchenkov and others. Vent Mosk, un, Ser. 2; Khim. 17 no. 5:7-10 S-O 202
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- Kinetics of hydrogen formation on an it on catalyst. A. A Gavrilova. Trudy IGI 10:48-53 *62
- Reduction of uranyl vanadates with hydrogen, Wang Shik-hua, L. M. Kovba, Vest. Mosk, un. Sci. 2; Khim 17 no. 5:03-65 S-O '62
- Thermodynamics of equilibrium of fayalite Fa₂ SiO₄ with hydrogen. L.D. Berliner, R.D. Shapavalove. Zhur. fiz. khim. 40 no. 11;2805-2807 N '68

HYDROGEN-PHYSIOLOGICAL EFFECT

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- Hydrogen bonding and frequencies of stretching vibrations of N-H and NO₂ -groups of altromagness A, E. Lutskil, P. A. Cheminyskii, Ukt Phim, Ann. 32 no 12 1317-1320 366
- M-H group as donor and acceptor of proton in hydrogen bonding. Part 1 A E. Lutskii, E. I. Goncharova Zhur, fiz. khim 10 no 11 2735-2712 N '66
- Steric hindrances in the formation of hydrogen bonding in 2,4,6-tri-terr-bitylphenof with acctone I N Shish-kina, I, V. Bererin Zhur fiz, khim 10 no. 11 2896-2898 N 106.

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- Electrolytic cell with an automatic control of the pH of electrolyte for electroreduction and electro-oxidation V. V. Skormakov, N. E. Khomutov - Trudy MKHTI no. 41 54-57 '63
- Hydrogenation in buffer solutions A. M. Sokolbskain and others frudy last khim mank AN Kazakh 55R 14 \$7-77 *86
- Posetble value limits of pil of a medium during calcute formation in hydrothermal conditions. B. I Cmalin-nenko. IU. V. Alekhin. Geol, and mastorozh 8 no. 6 31-41 N-D '66.

HYDROGEN ESTOPES

Gos chromatographic separation of hydrogen isotopes, K.I.Sakodynskii, G Cartoni, A Peta Zhur, fiz khim, 40 no. 11 2887-2888 N 466

HYDROGEN PEROXIDE

- Behavior of hydrogen peroxide solutions with respect to metallic galifum and indium, 1 I Voltnov, B S. Dziatvevich Zhui IIz, khim 40 no 11 2907-2908 N '66.
- Catalytic action of titanium (IV) in axidation of thiosulfate with hydrogen peroxide. V A. I itvinenko. Uki khim. Anur. 32 no 12 1338-144 166.
- Catalytic decomposition of H O in Ilquid phase in pres-ence of 112TlO3, Li₂Z₁O₃, ²Li₂HfO₃. A Kutolin, A F, Seguevo. Zhur, (17, khim. 10 re 11 2088-2692) N '66.
- Chemitum in escence of lazigenin reacting with hydrogen per uside in presence of metal ions. A.K. Bubko, I.I. Dubovenko, A.V. Perletskala, Ukr. khim, zhur, 32 no. 12:1328-1330 '66.
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RYDROGENASE

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HYDROGENATION

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- Hydrogenation in buffer solutions. A. M. Sokol'skala and others. Trudy last, khim, nauk AN Kuzakh, SSR 14:57-77 466.
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- Analysis of a mixture of hydrogenolysis products of 21hydrovy-2, 1, 1, 7, 4'-pentamethylfiavan by means of gas chromatography. A S. Leshchiner, 7, A. Rudol'fi, V I Lashchik Trudy VNIISNDV no. 7161-165 '65
- Stereochemistry of hydrogenation and hydrogenolysis, E I Klabunovskii Usp.khim 35 no 7 1294-1323 J1

HYDROGRAPHIC SURVEYING

- Stereophotogrammetric method for investigating underwater relief, A. M. Solodovnikova, Izv vys ucheb, zav , geod i aerof 110. 3:69-114 '62
- Using a profilograph for constructing wave profiles from an aerial photograph V. IA, Mangareev. Izv vys. ucheb, rav "geod i aerof no 3:83-88 '62,

HYDROLOGY

- (see also subdivision under Arctic Ocean; Armenia; Barents Sea; Caspian Sea, Brake Passage; Ivan'kovo Roservoir; Kuybyshev Reservoir, Rybinsk Hydroelectric Power Station, Rybinsk Reservoir; Uglich Reservoir)
- Seminar on significance of structural characteristics of water and water solutions for geological interpretation V I Kuz'min Sov geol 9 no 12:127-128 D '66

HYDROLYSIS

- Centennial or scientific and technological societies in our country. Gidroliz i lesokhim prom. 19 no 81-
- Chemical composition of spring wheat straw, Λ , P. Zabotina, M I Goriaev. Gids obe i Icaokhim prom 15 no 1.12-13 62
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- neur po no otzo-28 My '63.

 Decomposition of pyrimidyl-4-malonic esters, III, P.,
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 no, 5-75-78 S-O '62

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 UKINIIB no 7-72-63 '66.
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- Hydrolysis of cyclamen aldehyde monoenol acclaic. T.B. Gerasimovich, N. F. Kologrivova, M. P. Gushchina Trady VNIISNDV no 7 38-44 165.
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- Investigating the effect of the production method on the composition and proper ties of liquid polyongenoral control investigating the composition and character is ties of polymethylphenylstickanes obtained by the method of cohydrolysis with subsequent catalytic regrouping in the presence of "Kil" bentonite clay. M. A. Kleinovskain and others. Plast massy no 9:10-24 *62
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HYDROME PALLURGY

- Selecting fluids for washing corrain alumina-containing molid phases. T V Solento, G L, Pereshiest M.V. Zakharova. Trudy Inst met, Lobog AN Nazakh SoR 10:127-132 566
- Studying vanadium distribution in processing high-silicon has sites by the Bayer hydrometallurgy process V Z Tarasenko and others Frudy Inst, met Lobog AN Bayash, SSR 16 122-126 bb.
- Valuable work on the hydrometallurgy of nonferrous metals F A Bukctov no 1:94-96 Ja 163, Vest AN Kazakh SSR 19

HYDROMETEOROLOGICAL INSTRUMENTS

Leningrad, Nauchno-issiedovateľ skli Institut gidi ometeo-rologicheskogo priborostroenita. Information mate-rials on hydromoteorological instruments and observation methods informatsionnye materialy po gidromeleo-rologicheskim priboram i metodam nabliadenti. Moskyn, Gidrometeolzdat, 1966, 63 p. (Its Sbornik, no. 28)

HYDROMETEOROLOGICAL RESEARCH

Hadrometeorological observations and research on firths V. I. Korovin, S. P. Kavetskii Trudy KazNIGM no 3;21-30 51

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- Interaction of alkene oxides with hydroxyl radicals. C.A. Razuvacy, V.S.Peli-, P.P.Beshenova Zhur org kidin 2 no. 11:2041-2045 N 466

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- Sensitivity of the reticular formation of the brain stem to hypercapula in outogenesis. F. L. Golubeva. Fiziol. zhur. 48 no.10 1154-1162 O '62
- HYPERGEOMETRIC FUNCTIONS see Functions, Hypergeometric

HYPERGLYCEMIA

Role of the hypophysis in the development of hypet glycemia following a local triadiation. E.I. komarov, R.IA. Kellina. Vop. radiobiol. 4,33-38 [6].

HYPERONS

Decay of double hypernucial with emission of 2 hyperons. V. A. Filimnov, IAd. fiz. 4 no biloto-lots N '66.

HYPERPARATHYRODISM

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Fit of of narrotic substances on some species of wild minute. V I horneeva. Veterinariia 43 no 12 51-73 D W.

HYPNOTISM-THERAPLUTIC USE

Gerke, R.P. [Hypnosis and suggestion] O gipnoze i vaushenli, Riga, Zinatne, 1966, 74 p. (DNLM)

HY POCHLORITES

Study of the process of the unidation of the todine non by chlorine and hypothicrite in salt solutions. G.R. Zalkind, 5 I IV orskii. Izv. N. Turk SSR Set fix -tekh , which i good mark for 5 40-15 102.

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- Experimental model for the study of the interrelations of the cerebral cortex and subcortical formations A, M Ricchke. Bluf eksp biol 1 med 55 no 5:115-117 My

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- State of thermoregulation in total atronity of hypothalamic nuclei V. R. Purin, 10. A. Muchitdze, V. S. Osipov Zhur, nevr. i psikh 66 no 12:1789-1797 186

HYPOTHALAMUS—INNERVATION

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HYPOTHERMIA

- Consolation of intraocular and systemic arterial pressure in artificial hypothermia in animals with hypotoxicorosis I P Popey Problendok igorm 4 no 1.27-30 Jar '63
- Mechanism of increasing the resistance of rate to deep hypoxic-hypercapnic hypothermia under the influence of prior training N. V. Korostovtseva Fizior zhur, 10 no 10 1209-1217 O '62,
- Physiological mechanisms of chemical thermoregulation, K. P. Ivanov. Fiziol, zhur. 48 no. 10/1225-1233 O '62.

HYPOTHYROIDISM

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Theory of a rectangular hystoresis loop in ferromagnetics N.S. Akulov, P.P.Galenko Dokl, AN BSSR 6 no. 9-551-555 S '62,

IACHEVSKII, ARTUR ARTUROVICH, 1863-1932

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Sti ekalov, V.V., cohip. Sovetskii balet v tvo chesivo

E. A. IAnson-Manizer. Soviet ballet in the work of Eyinson-Maniser. [Loningrad, Khudoz Inik RSFSR, 1905]
129 p. 100 plates [In French, Russian and English]
(MH)

IANULOV, KONSTANTIN PASKAL EVICH, 1933-1965 Konstantin Paskal'evich IAnulov; obituaty, Okeanologiin 6 no 5.924 '66,

IASINSKU, ANTON NIKITICH, 1864-1933

A N. IAsınskii as historian of Bohemia. IU. F. Ivanov. Von. i-t. slav no. 2·248-256 *66

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- (see also subdivision under Antarctic regions; Georgia, Kara Sea, Schirmacher Ponds region, Antarctica)
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- Navigating a river icobreaker in heavy spring ice. V. Tronin, IU. Sandakov. Rech transp. 25 no 12 26-27 '66
- Results of an analysis of the ice-breaking capacity of ferries D. E. Tamberg Trudy LIVT no. 81 128-134

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- Effect of admixture of surface-active substances on ice-for wing effectiveness of solutions of phioroglucinol, silver iodide, and lead todide. T. N. Gromova, N. V. Gilyi, P. N. Krasikov. Trudy LGO no 185:18-25 '66
- Exper imental study of crystallization of super cooled flag figurative cumulus by pyrotechnic compounds containing Agi and Pbi₂ IU. P Sumin Trudy GGO no 186: 26-37 '86
- Studying fre-nucleating activity of metaldehyde and philoso-glucinot aerosols N. V. Bychkov. N. N. IArtseyn. A. V. Bromberg Trudy GGO no 186.3-8 '86.

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- ICE ON RIVERS, LAKES, ETC.—MAPS see subdivision under Kuybyshev Reservoir
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- (see also subdivision under Novgorod, Palov)
- By Lake Medve, hive and in Ventsegenak. VI Auto ... a Trudy ODRI, 22 108-207 266.
- The death of Sviatopolk in legend and (conographs M. V. Alpatov. Trudy ODRI, 22 18 23 16th,
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- Icon portraying subjects taken from the history of the Russian state V.V. Filatov Fruit Oldif, 22 140 Russlan statë 29 i 266,
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- Illustrations for "The Prayels of St. John the D'Alte," in manuscripts and as hid pendent pulnture. 4 Mills of the 15th Colony. G.V. Popov. Trady (DBM). 3208-221-766.
- beginning of the 17th century 10, K Beginner 1, 10, ODRL 27, 111-326 166.
- A newly realized from "The Descent into Hell" first (P & St. Ferspant Manusters and the Morrow literature of the end of the 15th century V & 1 arrive from OME, 22:165-197 (6).
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- The sensible robber in Appertual literature and Ord Russian art V G Putsko, Tredy Older, 22 147 118 166,

IDEALISM

WEALISM Philosophical "partice" and philosophical camordisgo, B. Byshovasti. Kommunist 1.1 no. 1 172-120 (13 %).

IDEALISM IN ART

Dubrovin, A.G. [Remarks about the beaufful; lice activities ideal, beauty and harmony in works of art [Zameth, oprokramon; esteticheshil hleal, kranolati, immultivishudo, beauty and prolected only. Monkva, Zamit, 1967. 30 p. (Novee v zhizal, nauke, technike, Vita ella Literatura, no.1)

IDEALS (ALGEBRA)

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ILIAC ARTERY—SURGERY

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IL'ICHEVSK (UKRAINE)—HARBOR

B'ichevsk. Odessa, Maiak, 1906. 38 p. illus.

ILLEGAL LIBRARIES see subdivision under Loningrad

ILLUMINATION OF BOOKS AND MANUSCRIPTS (see also sulvivision under Novgorod)

- Mustrations for "the Travels of St. John the Divine" in manuscripts and as independent patentings of the ext of the 16th century. G V Popov. Trudy (II)181, 22, 208-221 166.
- Miniatures of "The Legend of the Rout of Mamay," ! A Dmitriev Frudy ODRL 22:230-263 '66,
- An Old Russian miniaturist in the reading of the Proffee, N. N. Rozov. Trudy ODRL 22:05-82 '06.

ILLUSTRATION OF GOOKS See subdivision under Azerballan

IMAGE CONVERTERS

Image converter tules and the attribution of works of art, N Nikiforaki Iskusutvo 29 no 10 49-51 466

image converted tubes for studying paintings. A. Dub. Takusatvo 29, po. 10, 17-19, 166

Fifect of amidizate compounds on a sketoghitar is dehydro-genies from placon breast muscle VS Gomazkova Brokhimila 31 no 64142-1149 N-D '66

IMIDAZOLEDICARBOXAMIDE

Correlation of physicochemical properties and pharmacological activity in antificting series S.P. Kozlicvińkov, N.V. kin omov-Borisov, RI.S. Borollini – Trudy I.P.MI. no. 32, 54-61, 65

IMMUNITY

Changes in cellular immunity during chronic continuous action of ioni dug radiation P. N. klackey, P. A. Buzani Med rad 7 no 8 50-65 Ag 462

Chi onte plague for ms in laboratory animaly Report No. 3
Resistance of white rate to repeated including L. B.
Addrow Trudy Gos nauch -issl. protvochum inst. 16; Adimov 37-42 59

Effect of some non-specific factors on the natural resistance of the body and posture clination immunity O A.

Babacya A.erb med zhur 10 no 9:58-66 S 283

Babacca A.colb med rhun 10 no 658-66 S 63

Effect of the block of vegetative ganglia on 40 no indices
of the immunological reactivity of the body. O.A.

Babacca, Arcib, med that 10 no.2-66-70 F 63,

Iffectiveness of immunication depending on different ways
of introducing live busellosis vaccin. A.F. Khaev

Zina miliobiol, epid immun 13 no 11:31-37 N 66

Instrumentication by means of homologous tissues. Ch. I.

Bur slitch Pat. fiziol. I eksp terap no. 3:76-78 bb Wechanism of antismallpox immunity. Report No. 1-The 1 ole of len ocytes in antismallpox immunity Esperiments in vivo. 10 N M istingova. Vop virus 8 no. 1:192-198 Jt-Ag 164

Mor phological and histochemical changes in the organism of guinea pigs caused by C-lecithinase of Clostridium or games page course of the transfer of the father and kisto hendeal changes in an innume organism. I IA, Anosov, I. A. Latima, M. V. Ispolatovskaja. Zin 1814 obiol. 1914 immu. 13 no. 11,38-42 N. 66

Mer phological and immunological studies in homotrans plantation of the kidney in dogs NA Bykova, V I Gavallo Trudy 1-gd MMI 49:69-76 166

Nonspecific immunity in children A V Mashkov Vest AMN SSSR 17 no 10:08-75 '62 Puzik, V.I. [Immunomorphological problems in tubercu-losis] Problemy immunomorfologil tuberkuleza, Mo-skva, Meditsha, 1906, 179 p. skva, Means. (DNLM)

(DNCM)
Some features of nonspecific immunity in injuries to the locomotor apparatus. A. E. Ivapian. Travin itologita no. 1/318-327 165.
Study of the mechanism of immunity in fish with the help of Clif. G. B. Gontharov. V. I. Romanenko, V. R. Mikriakov. Dokl. AN SSR 171 no. 5. 1247-1240 1 166.

It anaplacental transmission of acquired immunity; a

1eview A. A. Sobbin. Zhur, milri obiol, 1 epid. 1 immun 43 no. 11:0-12 N '66.

IMMUNOCHEMISTRY

Selection of new inhibitors of immunogenesis of a natural origin V A Shorin, S P Shapovalova Antibiotiki II no II 963-967 N 166

Some indices of protein-electrolyte equilibrium in homotransplantation of the Fidneys in dogs with the use of Immunodepressive chemical preparations. I. M. Sabur ova, M.V. Bilenko, A.N. Novikova. Trudy 1-go. M.M. 49-III-II8 [66]

Study of immunodepressive and toxic effect of a geries of chemical preparations in experimental skin homografting Report No 1: Study of the duration of taking of skin homott ansplants, dynamics of larmoral antibodies and reactions of lymphold tissue M.V. Bilenko and others frindy 1-go MMI 49:35-48 [66].

Study of immunodepressive and toxic effect of a series of the mical preparations in experimental skin homografting Report No 2: Study of hematological and biochemical indices and morphology of internal organs M.V. Bilenko and others Trudy 1-go MM 10 19-65 '66

IMMUNOHEMATOLOGY

Study of immunodepressive and toxic offect of a series of characted preparations in experimental skin homograft-ing Report No 2; Study of hematological and biochemical indices and morphology of internal organs M.V. Rilenko and others Trudy 1-go MMI 40:40-65 '66

Use of the antiglobulin fixation reaction in immunohematological examinations, R.K.Kaluzhenko, Probl.gemat, i perel.krovi 8 no.2:16-20 F '63,

IMMUNOLOGICAL RESEARCH

Effect of previous immunity to one of the antigens of polyvalent plague, tuloremia and brucellosts vaccine on the immunizing properties of its other components. Report No. 2: Immunological reconstruction in compound vaccination against logue, tularemia and brucellosis following preliminary inoculation with live tularemia vaccine V. G. Pilipeuko Zhur mikrobiol , epid. i immun 43 no 1143-48 N '66

IMMUNOLOGY

Prospects for immunologies! control of tumor growth.

I A Zuber. Vest AMI 15R 15 no 12 15-32 160.

Study of immunological reactivity in white rats following primer, and repeated immunization with pollomyclitis antigen | F. Jarchenko Trudy Mosk nauch -tsel met virus prop no 3,195-200 '65

Voroshilova, M. K. [Immunology, epidemiology and pre-vention of pollomyelitis and analogous diseases] Immu-nologiia, epidemiologiia i profilaktika poliomielita i skhodnykh s nim zabolovanii. Moskva, Meditsina, 1966. 438 p. (DNLM)

IMMUNOLOGY-BIBLIOGRAPHY see Bibliographylinmutology

IMPACT

Collision of clastic systems. K. P. Kravchenko. Prikl. mekh. 2 no. 11.5-14 '66.

Lateral clastic impact of a ball on an anisotropic plate, N.A., Kill'chevskii, A. Kib Konstantinov, Prikl, mekh. 2 no. il., 1-4 '66.

IMPELLERS

Use of calculating machines for the study of temperature fields and stresses in steam-and gas-tin bine rotors, M. A. Kasparov, V. M. Zelenin, V. N. Venediktov, Energomashinoshoenic 7 no. 1:1-5 Ja '61,

IMPELLERS-COOLING

Investigating the temperature fields of the working blade roof fixings of gas turbines cooled by means of air blast through the clearance sitts, B. V. Podscyalov, Paragoma-bimostronia 7 no.1;10-44 Ja '61,

IMPLEMENTS, UTENSILS, ETC see subdivision under Sumarkand

INCANDESCENT ELECTRIC LAMPS see Electric lamps, Incandescent

INCENTIVES IN AGRICULTURE

(see also subdivision under Chuvashia)

Consistent realization of the principle of material selfinterest A Arkhipov, L Nikiforov Tkon sellyhoz 12 no 12:31-45 D '66

INCENTIVES IN INDUSTRY (see also subdivision under Europe, Castern)

(See also supartiston under Edd op. Lincoln.)

Cheliabinskii gosudarstvenny i pedragojeheskii institut.

[Some economic problems of the building of communism in the U.S.S. R.] Nekotorye ekonomicheskie voprosystroitel'stva kommunizma v SSSR. Cheliabinsk, 1905.

132 p.

The economic reform and the principle of material self-interest. N. IA. Merina. Vech. sred. shkoln 9 no. 6:80-84 N-D 166.

Leonomic stimulation and complete business accounting in industry D. Allakhverdian. Fin. 888R 40 no. 11; 27-39 N *66.

Garelovskii, N.V. [Incentive funds of enterprises in industry] Pooshehrliel'nye fondy predpritatii v promyshlennosti Moskva, Znante, 1966. 79 p. (Marodnyl universitet Tekhniko-ekonomicheskii fakul'tet, no. 12)

Scientific organization of labor and materful incentives, I Buian, Komm. Ukt 41 no 1 38-16 Ja *67,

Workers, enterprises, and society. N. f. Alekseev. Vop. filos. 20 no. 12 11 '66.

INCOME

Some problems in the methodology of planning for the population's real income L. P Kuprienko Trudy INKH no 38-61-70 '65.

Reaction of henzylldene-1, 3-indandione with dialkylphos-phorous acids. B A. Arbuzov and others Dokl, AN SSSR 171 no. 5 1097-1100 D '66,

INDEX NUMBERS (ECONOMICS)

Average qualitative indices, R. Khabibi, Vest, stat. no. 12:24-20 466.

INDIA-DESCRIPTION AND TRAVEL

Surova, E.I. [The flying bicyclist] Letatushchii velosipedist. [Moskva] Molodaia gyardiia, 1966. 93 p

INDIA—FOREIGN RELATIONS—PAKISTAN

The auniversary of the Tashkent declaration, fU. Lugov-skot Mezhdunar zhizn' 14 no 1 120-121 '67

The Tashkent declaration in action, L. Stepanov. Nov. vrcm. 25 no. 3 3-4 Ja 167.

INDIA-GEOLOGY, STRATIGRAPHIC

Lower Pre-Cambrian in southern part of Indian Plat-form E. M. Laz'ko. Sov. geol 9 no. 11-55-67 N 166.

INDIA-HISTORY

The problem of the socioeconomic structure of ancient India, E. M. Modvedev, Nar. Az. i Afr., no. 6.67-77 166

INDIA—INVESTMENTS, FOREIGN
The role of monopolies in political life,
Mezhdunar, zhizni 14 no. 1-127-128 10 O. Maev.

INDIA-LABOR AND LABORING CLASSES

Goographical differences in the employment of the population of India V G Bylov Vest Most un Ser 5 Geog 21 no 6,67-71 N-D '66

INDIA-WHEAT-VARIETIES

Field tealution of Indian wheat varieties in irrigation and dry farming G. B. Cogun. Shor true asp i mol nauchson VIR no. 2, 39-15 bl.

INDIAN OCEAN-ATMOSPHERIC TEMPERATURE

Inversion layers in lower troposphere over Indian Ocean V V. Lublianova, IU A Ronanav Shor at Yiard prog MGG no 15 69-87 166.

INDIAN OCEAN-MARINE SEDIMENTS

Stiticous organisms in suspensions and in upper layer of bottom sediments in Indian Ocean; based on materials of 36th voyage of research ship "Vitinz" "V.V Mukhimi. Or analogita 6 no 5 807-816 "66

INDIAN OCEAN—OCEANOGRAPHY

Structure and circulation of waters in castern part of Indian Ocean during summer monsoon V.G. Neiman, B.N. Pitushken, A.D. Sheherbinin. Shor at Xiazd, prog. McG. no. 15-22-266.

INDIAN OCEAN—ORGANIC MATTER

Silice ous organisms in suspensions and in upper layer of bottom sufficients in Indian Ocean, based on materials of 36th voyage of research ship "Vitiaz", "VV. Mukhim, Okeanologia 6 no 5 807-816 '66

INDIUM

Behavior of hydrogen peroxide solutions with respect to metallic gallium and ladium. I I Voltnov, B.S. D. latkevich, Zhui fiz, khim, 40 no, 11(2907-2909 tt +66.

Study of behavior of indium in solutions containing sulfate ions by means of ion-exchange method E, P, TSintaevich, S, G, Stancheva, I, P, Alimaria Vest, Mosk, un Ser. 2; Khim, 17 no. 546-49 S-O 462

INDIUM-ANALYSIS

Pyridyl azo compounds as reagents for indium Report No 3 Complexements as reagents for insum report. No 3 Complexements and spectrophotometric determination of indum with brone derivatives of pyridylazonminocresol. S I, Gusey, E, M Nikolaeva, Zhur, anal khim, 21 no.10 183-180 '66

INDIUM ALLOYS

Complex study of some kinetic effects in the alloy IInAs.
InP. IA Ygaev, O. lemailov 12v. AN Tunk SSR. Sec.
fit., -tckh, khim i gool nauk no. 59-14 *62
Preparation of solid solutions of InSb = InAs as polycrystalline ingots. E. I. Bolvanovich 12v AN SSSR, Neorg mat 2 no 11*2080-2081 N *66.

INDIUM ANTIMONIDE CRYSTALS-ELECTRIC PROPER-TES

Deep energy levels in indium antimonide N S Baryshey and others Fig tyer tells 8 no 7:2258-2260 JI '66

INDIUM ANTIMONIDE CRYSTALS-GALVANO-MAGNETIC PROPERTIES

Liffect of spin on quantum oscillations of galvanomagnetic coefficients in n-InSb. Kh I Amirkhanov, R. I Bashir ov Fiz tver tela 8 no 7:2159-2196 Ji '66

INDIUM ANTIMONIDES-ELECTRIC PROPERTIES

Effect of annealing on the electric properties of indium antimonide, G.N. Evstaf'eva, I.V. Prostoserdova, E. IA Pumper. 1/v. AN SSSR, Neoig mat, 2 no. 12-2262-2264 D 166.

INDIUM ANTIMONIDES-PROTOELECTRIC PROPERTIES

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INDIUM ARSENIDE CRYSTALS-SPECTRA

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INDIUM ARSENIDES

Cadralum diffusion in inclum arsenide N. V. Zotova, A. A. Lebedev, D. N Nasledov, Fiz.tver.tela 8 no.7:2074-2076 Jl '66

INDIUM ISOTOPES

Separation of small amounts of cadmium and indium by coprecipitation with iron hydroxide. A. I. Novikov, T. A. Piregova. Dokl. AN Tadah SSR 9 no 12:28-31 '86.

INDIUM PHOSPHIDES

Determination of impurities in gallium and indium phosphides. B. D. Brodsksia and others. Zhur, anal.

phosphides. B. D. Brodskaia and others. Zhur. anal. khim 21 no. 12 1447-1452 156.

Temperature dependence of the clasticity of indium phosphide dissociation. IA, A. Ugai. L. A. Bithtskain. L. F. Gurza. Izv. AN SSSR, Neorg. mat. 2 no. 11:1844-1917 N 166.

DIDIUM SULFIDE CRYSTALS

CADOLE.

If it is then a shade to be of the distance of single states of the shade of the s 14-11-1

DIDOLE -SPECIRA

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ENDOLFACETIC ACID

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DIDONESIA-POLITICS AND GOVERNMENT

Tr. Martinian Information A Secretarious, B. Smilines No. 1977 20 p. 4 net 7 July 197

INDUCTION ELECTRIC MOTORS wee Electric motors,

INDUSTRIAL ACCIDENTS (see also subdivision under Kiev Province, Mateverka)

arreary in its, not vilorer with active years in it? has not suffered to be in a train to the Liconactor furstin A C Richterson, & V Bec emiliala A Birlichicakala Trangatilizin no 187-32 (68

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ENDUS FRIAL BUILDENGS

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Ellect of schumetric and layout parameters on the mermal Calacter of multist by a dustrial couldings. Dian Makhar Print zdan in 2 97-106 bil

The expellency of using claments made of aluminum alless in it laste al buildings A. P. Sukharov, S. A. Tittisine Provincian to 263-79 fol

No design of the head of inside leaders of the roofs of a first rai buildings. B. I. Truba. Prom. 2dan. n. 2

Structural layouts of vide-span roofs of industrial tul ings : th bridge crants suspended from overhead B. V. Spermiskin Prom gdan no 2 5-17 'ml

Techni-al and economic effect of using prestressed steel trusses in industrial buildings B V Speranskii Promistan ro 216-25 '61

I truss ith a ware for roofs of wide-span industrial buildings. IU V Smirmagin. Prom. zdan. no. 2.25-30

INDUSTRIAL BUILDINGS-DESIGN AND CONSTRUCTION (see also subdivision under Leningrad, Moscow)

VII-purpose conductors for assembling the reinforced concrete columns of single-story industrial buildings V.h Building Month is spetty raby stroi 25 no. 10: 10-22 O 163.

Constanct high quality industrial buillings. G. Chkheidze. Na stroi Rus. 4 no. 10.12-13 O 163

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Principles of the calculation of specific capital investments in industrial construction of specific capital invest-ments in industrial construction of I Levin blor-naich inform Nauch sov pueff can fond, kap vlozh i nov tekh AN SSSR no 2 11-31 162

INDUSTRIAL BUILDINGS—MAINTENANCE AND REPAIR

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INDUSTRIAL COSTS see Costs, Industrial

INDUSTRIAL DIAMONDS see Diamonds, Industrial

INDUSTRIAL DISTRICTS

Planning industrial districts A Gimmel'farb Arkhit SSSR no 7 19-23 '66.

INDUSTRIAL EFFICIENCY See Efficiency, Industrial

INDUSTRIAL ELECTRIC TRUCKS

Ramodin, V.N. [Handbook for the operator of an electric loader] Posobie voditellu elektropogruzchika. Moskva, Transport, 1966. 218 p

INDUSTRIAL EQUIPMENT

Debronravova, L.A., and G.S. Salibekov. [Comprehensive balance of equipment and its norm base] Kompleys-nyl balance of equipment and its norm base] Kompleys-nyl balanc oborudovanila i ego normativnala baza. Moskva, Ekonomika, 1986. 179 p.

Tushunov, IU A. [Economics of the use of equipment] Ekonomika ispol'zovanna oborudovanija. [Moskva] Moskva j

United the equipment better! IU Tushmov Agitator no. 18 32-34 5 162

INDUSTRIAL EQUIPMENT—MAINTENANCE AND REPAIR (see also subdivision under Dnieper Valley) Computing ampitization for control topain, I, khotun-zha Vop cron no 12:06-77 D '66

INDUSTRIAL EQUIPMENT-STATISTICS

[Export of machinery and equipment by developed capitalist countries, a statistical manual Eksport machin i oborudovantia razvitymi kapitalisticheskimi sitamani, stutisticheski spravochnik. Moskva, 1866–583 p. [Biulleten] inastrannol kommercheskoi informatsii, prilozhenje, no 12)

PIDUSTRIAL HYGIENE

Characteristics of external respiration during muscular vork under industrial conditions B. A. Katsmel'son, V. V. Rozenblat, Fiziol zhur. 18 no 10:1218-1221 O. 62,

Improving samely conditions of work during the over had of open hearth furnices M, F Portnor Still 26 no 12 ft 48-1150 D 86

Smole and dust are harmful to work. M. Savet'ev. Aga-tator, 34, no. 23, 37-39. D. '66.

INDUSTRIAL LAWS AND LEGISLATION

Akademiia nayuk BSSR, Instytut tilasofii i prava, Qualtity of production and construction work, civil law means to assure it! Kachestvo produktsii i stroitel'nykh rahot, grazhdansko-pravovye sredstva obespechenila. Minsk, Nuka i tel-halka, 1966. 158 p.

Centralized guidance and independence of management, \ Denisov. Ekon sel⁴khoz 42 no il 119-12⁹ N *66

Skripke, E. IA. [Protecting the rights of efficiency engineers] Okhrana may ratsionalizatorov. Minsk, Nauka i tekhnika, 1966. 214 p.

INDUSTRIAL MANAGEMENT

(see also subdivision under Armenia, Bulgaria; Chuvashia, Kiroyokan, Ki asnodar, Leningrad; Moscow, White Russia)

Bacy, A.I. [. or trade-union activists on scientific organization of labot] Profaktivn o nauchnol organizatell truda. [Moskwa] Profizdat, 1966, 70 p. (Bibliotechka sel'skogo profsoluznogo aktivista, no. 22(70))
Basis of the formation of incentive funde. Calculation of group norms in an industrial branch. V Cal'parin, A Ostrovskin, A Sonkin Sols trud 11 no. 12,15-21

Characteristics of developing the technical, industrial, and imancial plan under the new conditions of industrial work M. Fedorovich Plan, khoz 43 no 1 51-57 Ja

Chellabinskii gosudarstvennyi pedagogicheskii institut.

[Some economic problems of the building of communism in the U.S.S.R.] Nekotorye ekonomicheskie vopi asy stroitel'stva kommunizma v SSSR Chellabinsk, 1965.

Coordination of workers' creative associations. F. A. Baturin Izv. SO in SSSR no 9 Ser obstichesty mark no 3 80-83 '66

Economic reform and some problems of determining costs and profit in industry D. Vainshenker Vest stat no. 12 19-23 186.

The economy in the center of attention of the party com-mittees K Korolev Agitator 31 no 23 28-40 D 10

The effect of business accounting. 1, kurtynin, Kommunist 43 no. 18:58-65 D '66,

The flist results. N. Garetovskii. Kommunist 43 no. 18;52-58 D '66. For whit are the industrial enterprises responsible. M Kohym. O Latsis. Kommunist 43 no. 265-72 F '67

For workers of enterprises on practice in transferring to the new system of planning and economic stimulation, Sots, trud 11 no 12 62-65 D 166.

A fullet mobilization of potentialities is a task for every financial organ. V. Dementsev. Pin. SSSR 40 no. 11; 3-10 N 186.

Grigor'ev, B.V. [Management of a state industrial en-terprise in the U.S.S.R.] Upravious gosudaratvennym promyshlennym predpi liatiem v SSSR. [Moskva] Izd-vo Mosk, univ., 1866. 74 p.

Impi oving the use of capital assets is the most important condition for increasing the efficiency of production. 1. Kolosov. Vop ekon. no. 12 100-110 D '66.

Indices of managerial operation and methods of their analysis A. Sheremet Sov. profesoluzy 22 no 2 12-13 D 166.

Indices of the economic work of enterprises. V.I.

Percategin Uch zap Kaf so, ekon. Vys. part shkoly
no. 3 19-30

industrial plants and the reform. V. Kadulin.

Accommunist 43 no. 18:66-78 D '66.

Kairzhanov, E.K. [Economically, in a businesslike way]

Rachitel'no. po-khoziajski. Alma-Ata, "Kazakhstan," 1965 47 p.

Labor discipline and scientific organization of labor, Sots. trud l1 no. 12:3-8 D .68,

(et a, have more good information on progressive and modified a Visitostin and trad the no 1/1/4 to the Managerial works organization and technique, a graph Gots trad H no 1289 96 D 466

Methodological midule tion for convertible enterpair in the new watern. Vilvachenko, Phan Photological (1997) 27-45, Ja. 2017.

Modern technology, scientific expandration of problem is, and thus discipling. The adopted "Common interest," discipling and artistic grant attent of blood," Article 5. N. Ellimonov, Agitatos (1) no 1 lo 24. fa

Manchino-Bestedovatel All institut trusts. [Method of sk veloping norms for the number of auxiliary worker of Metodika razrabolici normatiyov chistomo iti vajori sav tel'nykh rabochikh Moskva, 1965 92 p |Mic ROUTEM|

Organication of Educa, remning arism, and profit a chanko, I. Bychkora. Komma (U. 11 no. 1), 54

Paramonov, I.V. [The paths behind us]. Putt productive Mosked, Politicalt, 1906—328 p. (Ozblent to acta). Party organi ations and the economic retorm. It to Rommunist 44 no. 1 37 46 Tr 267

[People's control, a festbook for students of people's god versities, and faculties of prople's controller.] Marsh, t kentrol', uchebroo posoble dila olimbiteled natusingly universitetoy, fakul'tetoy mirodrykh kontroler.ov. [776-3kw], Zhante, 196d] 150 p. (Karodhyl universitet Lakul'tet pravovykh znaud, nos., 11/12)

Problems of paying bonuses from the material facinity and, 10 Margolio, bluebong 10 no blief in , 000

Prudenskii, G.A. [Place and labor] Vrembi (trud Miskva, Mysii, 1965, 342 p

Scientific organization of than and material incention. That in Komm the H no 1 in 16 Jacks

Flatin Rolling 11 no 1 m to 1 or forms Silvayl, 1. D. [Currency efficulation and economic reform] Therechore obtain health elements leading to the Monket, Planary, 1969—70 p. Socialist law of the distribution according to 15bar, [3, 3] the law of value [1]. Chizbay socialistical illustration of the 1 or 12 h.

Some problems of scientific labor organic diamonate modern conditions (P. I.) Petrochenko, (L. 50, Az SSSR no. 0, See, obshehenty mark (no. 4, 4, 0, 46,

Some regular of the work of enterprine; in the new war, K Karmakova | 1 ln 555R | 10 no | 11;11-45 | N 966, Specialistical and cooperation as a factor in the general of socialist production. A 1, Rogo in . Uch., ip. 15d no. 293,75–91, 160.

Survey of Inhor logistation, Sais, true 11 na. 12/141-117

Talks of higher officials at worker i meetings, Park, which no 150 Ja 467

Work with reientific personnel, 1, Stukacher, Park, shient no. 126-29 Ja (6)

INDUSTRIAL MANAGEMENT -- CONGRESSES her subdivision under Drawing

INDUSTRIAL MANAGEMENT- GRAPHIC METHODS Analysia of the organization of management with the sld of graphic mothods. I. Plahelmlin. Sada, Irad. 13 no. 17:81-88. D. 966.

INDUSTRIAL MANAGEMENT-MATHEMATICAL MODELS

Theory of network systems of planning and control IV P Kriveniov | Doll AN 988R [17] mm 2 mag m.

INDUSTRIAL MANAGEMENT-STUDY AND TI ACHING Regulation on higher party achool attaining in economica. This rap is if now, clear Vs., part appears in All 191 194

Regulation on term papers submitted by higher party school students. Uch zap Kaf, saw okon Vvs part shkoly no 3 110-142 464

INDUSTRIAL MICROBIOLOGY

Possibility of reducing mediane concentration in coalsummer and mine all with the help of micro-organisms, and much trouds of work in that Reid A. 1, Remofactors A.S. Burrankov, G. A. Moglicvaldt Upor 11 to 12. 18-51 b ton,

⁶Progress in industrial rate; objology, ⁷ A. A. Inalicaetalli, Mikrobiologifa, 31 no. 2;371~373, M. ~Ap. ⁶62.

INDUSTRIAL PLANTS—DESIGN AND CONSTRUCTION (see also subdivision under Armenia; Barnaul; Loningrad)

Safety measures in the assembly of the framework of single-story industrial plants. S.S. Nistith Mont, i spets, rob. v stroi. 25 no. 10;22-25 () 183.

Sectional unit method of designing industrial enterprises I. Doby ykin - Arkhit SSSR no 64-8 463

Singe system of organizing the service at industrial enter prises V. Blokhin At Phit, SSSR no. 6 0-12 163

INDUSTRIAL POWER TRUCKS—TESTING

Results of testing ZDU-50 charge conveying machines. A. V. Brichkin, I. L. Zabudkin, V. M. Nizovkin. Gorziur no. 11 54-55 N 106.

INDUSTRIAL PROCUREMENT

Improve the supply of matchials and equipment to construction projects to most new tisks. Evon stroit, 8 no 12;18-50 D 766

INDUSTRIAL RADIOLOGY See Radiology, Industrial

INDUSTRIAL REPORTS

Analysis of the fulfillment of the assortment plan, V Adamov Vest, stat no 12 13-47 '66

Carry out annual reports on the level corresponding to the new-economic tisks. F Granovskii Bukhg, uchet no. 11:3-7 N '66.

Processing of telegraphic reports on the gross output at the Central Computing Station of the Central Statis-tical Association of the U.S.S.R. V. Braga, A. Ivanov Vest stat. no 12 54-59 %

INDUSTRIAL RESEARCH see Research, Industrial

INDUSTRIAL SAFETY (see also subdivision under Novosibirsk)

Survey of labor legislation, Sots, trud 11 no. 12:134-137 D '56.

INDUSTRIAL SAFETY-FINANCE sec subdivision under Stherm

INDUSTRIAL SAFETY—STUDY AND TEACHING see subdivision under Taskkent

INDUSTRIAL STATISTICS

indices of production volume and labor productivity in industrial interprises. I S Blickhman, B.I Tabachni-kas Uch zap, I GU no. 203 115-116 (c).

Pedol'skii, IU.IA., and M.N. Mait'ianova. [Statistics of an inclustrial enterprise] Statistika promyshlennogo predpriatila. Pod ted G IA Kipermana Moskva, Statistika 1965 202 p

INDUSTRIAL WASTES (see also subdivision under Kishinev)

The Komsomol has built a "wall" against losses in the national economy A. Pavlov, B. Mozdukhov Molkonim, no 3:22-25 Mi "61"

INDUSTRIAL WASTES-ANALYSIS

Whys of utilizing industrial wastes from processing thenol, naphthalene, and pyridine raw materials. G.A. Markus, Kors i shim no. 10-46-17 '66.

INDUSTRIAL WASTES—PURIFICATION (see also subdivision under Germany, East)

Purification of waste water from ethylbenzene plants. D Ff. TUrko, N. A. Palahuta Khim prom. {Ukr. 1 no. 3 12-10 JI-S 62,

INDUSTRIALIZATION

Ward, Barbara, Five ideas that change the world, Trans-lated from the English Plat' idet ketraye meniaiut mir. New York, F.A. Praeger [1961] 189 p. (NIC)

INDUSTRIES, LOCATION OF

Determining the efficiency of the distribution of industry, M. Vilenskil. Vop ekon no 12:3-16 D 466.

INDUSTRY-ABSTRACTS

[Economics of industry] Ref. sbor. : Ekon. prom. no. 12

INEQUALITIES (MATHEMATICS)

Markov type inequality for fractional functions. V. N. Busak. Dokt. AN BSSR 10 no. 10 725-727 O '66. One inequality for functions from weight classes and for boundary value problems with strong degeneration on the boundary consiting of a curve and point. IU.D. Salmanov. Dif.mav 2 no 9:1214-1227 S '66.

Two proofs of Cauchy inequality between arithmetic and geometric means of system of nonnegative numbers, V. K. Dziadyk Ukr. mat zhui. 18 no. 6 115-116 '66.

INFANTS-CARE AND HYGIENE

Studenikin, M.M., ed. [Care, feeding and training of the Infant during the first year of life; manual for nurses and midwives] Ukhod, vskarmlivanie i vospitanie rebenka pervogo goda zhizni; posobie dita meditsinskikh sester i akusherok. [By] M.M. Sudenikin i dr. Moskva, Meditsina, 1960 237 p. (Biblioteka srednogo medirabolnika) (DNLM)

INFANTS (NEWBORN)

Bodlazhina, V.I., ed. [Essays on the physiology of the fetus and the newborn infant] Ocherki po fiziologii ploda i novorozhdennogo. Moskva, Meditsina, 1966. 310 p. (DNLM)

Incidence of toxoplasmosis in congenital human deformities. O. A. Sviatukhina Sov med 29 no 12 111-114 D *66

Methodology for electroencephalographic recording in newborn infants, A.N. Shepovalinikov. Zhur. vys. nerv. delat. 12 no. 3.563-566 My-Jo 162.

Virological study of the importance of respiratory virus infections in mothers for the pathology of fetus and new-born child V, V, Ritors and others Vop. virus il no 6:680-684 N-D '66

INFANTS (NEWBORN) - DISEASES

thuses of births of children with recebral defects, data for the development of rational prematal prophyloxis klosovskii Vest ANN 999R 17 no 10 32-39 '62

Role of to oplasmosis in changes in the nor coas a stem in congenital detects of the heart and large vessels in children R A Kovanevs, M A Promins, N A Bylova Vest AMN 555R 17 no 10 40-11 '62

Treatment of exendative-culturi hal diathesis in newborn infants. A N. Gendarov. Azerb med zhur. 40 no 9:6 b9 5 63

INFANTS (NEWBORN)-MORTALITY

Petrov-Maslakov, M.A., and I.I.Klimets. [Perinatal mortality] Perinatal matarmata smertnost. [Leningrad] Meditsina, 1965 217 p. (DNLM)

INFANTS (PREMATURE)

Bothania, R.I. Development of the higher nervous ac-livity in premature infants during the early period of their life! Razvitie sysshelinerviol delatel nosti u ne-donoshemysh deter viannem periode zhizut (Lenin-gual) Meditsina, 1966 246 p. (DNLM)

INFECTION

I vperimental smallpox infection in white mice T I Napisova Trudy Mosk nauch -isst inst virus prep no 3 62-68 '65

INFECTIOUS HEPATITIS see Hepatitis, Infectious

INFLAMMATION

Characteristics of inflammatory phenomena in pink salmon prelarvae F V Prazdnikov, I, G, Mikhariova. Trudy MMBI no 12:120-138 '66

Effect of admnoconticotropic hormone on the development of the Arthus phenomenon and on the morphological composition of the exudate in inflammation. E. M. Milhailova Binl eksp biol. i med 55 no. 5:51-53 My

Pathomorphological characteristics of the effect of corti-Sone on local asseptic inflammation V.V. Nekacladov Azerb med zhar no 8 26-32 Ag '62

Possible mechanism of the recurrence of local inflammatory processes. L.S Salismon. Pat.fixiol i eksp. terap. no.314-18 '54.

INFLORESCENCE

Formation of generative huds in Weigela praceex and Weigela middendorffiana L V. Korobova-Semenchen-ko, L A Frolova, Vest Mosk un. Ser 6 Biol , pochy 21 no 461-68 Jl-Ag 468

Phases of organogenesis in wheat and their relation to the elements of productivity. Z. A. Morozova Trudy lust gen no 26 25-30 '62

INFLUENCE OF ALITITUDE see Altitude, influence of

Current problems of influenza. M. I. Sokolov Vopvicus II no 5 515-518 S-O '68

Dynamics of morbidity with temporary disability among workers in petroleum processing plants for the years 1951-1981, 1.1. Alet perov. Azerb, med, rhur. 40 no. 3 62-70 Mi 163.

Influenza and its control. Other truda i sots strakh.

0 no 12,22-23 D '66,

INFLUENZA-PREVENTIVE INOCULATION

Study of passive immunization against influenza N S, Kropotova Trudy Mosk nauch -test inst virus prep. no 3:184-184 465

INFLUENZA VIRUSES

Detection of influenzy antigen in intracellular inclusions by labeled J^{131} antibodies -T, IA Liarakata and others Vop virus. Il no.8:652-658 N-D 166 .

Effect of thomselete acid and its mononucleotides on influenza infection under experimental conditions E. 1. Sklienskala, O. P. Peterson. Vop. virus, 8 no. 4:489-492 Ji-Ag 163.

Influenza and influenzalike virus diseases in children V. D. Soboleva Vest. AMN SSSR 17 no 10:76-88 62.

Micromethod of hemoggintination-inhibition reaction in diagnosis of influenza and parainfluenza infections. O.V. Davydov Vop virus. II no. 5:613-616 S-O '68.

Mixed infection of mice with influenza virus A2 and coxsackie virus B3. L. IA. Zakstol'skaia and others virus il no. 5-546-551 S-O '66

Multiplication of influenza viruses in chick embryos and significance of this factor in the production of influenzal preparations T. G. Orlova, L. A. Porubel*, IU, N. Tatarinova Trudy Mosk nauch -isst inst virus prep no 3:

Preparing hyperimmune influenza, parainfluenza and adenoviral serums. N.N. Orlova and others. Vop. virus II no 5 551-554 S-Q '66,

Study of adsorption and elution processes of influence virus T.G Orlove, L. A. Porubell, IU. N Tatarinova Trudy Mosk nauch dash inst virus prep no-3;161-167 65 Variability of influenza virus tollowing treatment with nitric acid. M. P. Obrosova-Serova, M. I. Sokolov. Virus. Il no 6.658-662. N-D. '66.

INFLUENZA VIRUSES—CULTURLS AND CULTURE

Sensitivity of monostratal cultures of different origin to type A₂ influenza virus A K Aleksecka Prudy Most nauch stast tast virus prep no 3 247-251 %5 Prudy Mosk

INFORMATION STORAGE AND RETRIEVAL SYSTEMS

Calculation of electromechanical effects in the manias if recording of information. IU P dashebo, P A longin Teor, elektrotech. no 1 118-127 %6

INFORMATION STORAGE AND RETRIEVAL SYSTEMS— CHEMICAL ENGINEERING

Plotting of a mathematical model of object on current information with informatic selection of structure. A Spriph, F B Bukhanovskii. Khum prom. Ukr., no. 6, 31-38, N-D, 466.

INFORMATION THEORY

Information approach to the evaluation of sensitivity in photography and television Part 1 Shortcomings of the existing systems of Schaltvily evaluation and the information criterion of scusitivity, S. H. Gurevich, P. nauch i prikl fot, i kin 7 no 2 133-140 Mi-Ap *62

Information model of nonreliable combinational activo ka-1U L Iva-tkiv, O M. Riakin Khemetika no 8 tl-16 N-D '56

INFORMATION THEORY IN GENETICS

Zhukov-Verezhalfov, N.N. [Theory of genetic information, a theoretical and experimental essay] Teorila geneticleskoi informatsil, too clickeski i eksperimental'nyi ocherk. Moskva, Mysl', 1966. 319 p.

INFORMATION THEORY IN NAVIGATION

Use of information theory in radionavigation VI Vastkin Ryb. khoz, 12 no 11 84 85 '66,

INFRARED RAYS

Study on the radioprolective properties of infrared and ultravioletrays in fesions caused by Xrays. Azerb ned, thur. 40 no 3:49-55 Mr 463.

INFRARED RAYS—INDUSTRIAL APPLICATIONS

Theoretical premises for studying a stream flow using radiant energy O. E. Shontia Trudy GRUZNIIMFSKHa u no 2 125-135 '62.

INFRARED SPECTROMETRY

Some problems in the methodology of infrared spectros-copy of micro-organisms III.5, Vail', V. M. Klevakin Zhu mikrobiol , epid i immun. 33 no 6 96-103

Use of the infrared spectroscopy method in the investi-gation of synthetic blood substitutes R.G. Zhbankov, N.P. Krivosheev, G.V. Reutovich, Doki AN BSSR 6 no. 9 592-594 S '02.

INFRARED SPECTRUM see Spectrum, Infrared

INFUSORIA see subdivision under Black Sea, Byk River, Dubossary Reservoir

INGICHKA REGION (UZBEKETAN)—SHAFT SINKING— EQUIPMENT AND SUPPLIES

Pillar recovery and sheft deepening at "Kapital'naid" Mine of Ingichka Mine Administration, N U. Ubaiduliaev M.Kh Khusenov, Gor. zhur no il 39-40 N '66,

INGOT MOLDS

Optimum structure of cupola furnace melted cast from for ingot mold casting GI. TSyganenko, VVIAkovlev. Lit proizv. no 12 31-32 D 166

INGOT MOLDS—MAINTENANCE AND REPAIR see sub-division under Krivoy Rog

INGUL VALLEY-WATER, UNDERGROUND

Underground waters of the Pilocene alluvial deposits of the region of actual and prospective irrigation areas in the Ingul-Ingulats interfluve. D.V. Zakrevskii, A. A. Kultashev. Ved. khoz. no. 4:106-112 '66,

INGULETS VALLEY (UKRAINE)-WATER, UNDER-

Underground waters of the Phocene alluvial deposits of mang-round waters of the Process and Art deposits of the region of actual and prospective firsigation areas in the Ingul-Ingulats interfluve, D. V. Za Provskii, A. A. Kultashev. Vod. khoz. no. 4:106-112 '66.

INHERITANCE AND SUCCESSION (see also subdivision under Ukraine)

Judiciei practice in inheritance cases. V. Paniugin. Sota, zakon. no. 11:38-41 N '66.

Inh ibition

Delenge and "stagnant" inhibition in schizophronic patients. N. V. Vinogradov, Zhur, vys. no. v. delat. 12 no. 3:426-431 My-Je '82.

INHIBITION (CHEMISTRY)

Investmenting the function and in echanism of the liquid-phiese exidation of excloded may be not culturely in Part 3. Delicing effect of the conversion products of certain mightions on the exidition of excloded inc. V.C. Bykovel inko, L.A. Shishtuna, I.V. Berezin — reflekhi-min d no 3.737-712, 5-0, 163

Study of contormational changes in 6-phosphorius tollinase as affected by alloutric inhibitor. D.S. Markovich and others. Biolihimia, 31 no 6-1226-1428, x-D 56

INJECTIONS, INTRA-ARTERIAL
Point illin content in the blood following a cipari incental intraacortic intra acustonia injection | 1 P Z har or onk or i.,
Y III Gendebillia Plaper kini i am it 8 no 6 51-54

Treatment of complicated forms of cholcoveritis by the intra-nortic administration of drugs V V I. anov. M. N. Molodenkov Khirungia 38 no 2 129-132 f '63

INJECTIONS, INTRAMUSCULAR

Penfeillin content in the blood following experimental intraacrife intramuscular injection L.P. Zhavoronkora, V.D. Gvindzhilna Liksper khir i anest 8 no 661-54 N-D 163

INJECTIONS, INTRAVENOUS

Pharmacology of fetracycline preparations in intrasenous introduction. Glycoryclin. I. y Storizhov, S. I. Enkel'shtein, M. y Bykova. Antibiotiki. 11. no. 11.1017-1023. N. 166

INJURIES FROM ELECTRICITY see Electricity,

INLAND NAVIGATION (see also subdivision under France)

Characteristics of the maneuvering of two motor ships of the "Volgo-Don" type passing each other in a canal N.Komissarov, E. Migunov, V. Crastov. Hech transp $25\ n_0$ $12\ 44-45\ 766$

Octormination of the forces of interaction of two ships when meeting or passing. IU Mastushkin, V. Pavlenko, D. Zemlianovskii. Rech transp. 25 no. 12:16:47-166

Pasuring sale sailing of hydrofold boats in darkness.
M. Lavientee, S. Olfshamovskii. Rechit cansp. 2 no. 7, 15-47, Jl. 162

Organization of the work of channel maintenance brigades V Panov. Rech transp. 25 no 12 $43-13^{-3}66$

Use out idar on rivercraft, A Shukhor, Rech transp 21 no 7 f1-45 J1 '62

INLAND NAVIGATION—INFORMATION SERVICES

Extend the use of archive materials I Position. Rech transp 21 no 7 58 J1 %2

INLAND NAVIGATION-LAWS AND REGULATIONS

Some suggestions on the 'Regulations on navigation on the inland waterways of the R.S.F.S.R." M. Kozhe-miako Rich, transp. 25 no 12 45-40 hb.

INLAND NAVIGATION-TECHNOLOGICAL INNOVATIONS

Schools of advanced practices 1 Bukhbinder Rech transp 21 no 7 57 50 Jl '62

INLAND WATER TRANSPORTATION

Green light to the new crop Rech Transp 21 no 7:1-2 31 '62

Increase persistently the fixed capital of the shore-based economy. B. Egorov. Rech, transp. 25 no 12 1-2 186

On the way to an eform, V. Gaisin. Rech. transp 25 no. 12:3-5 166

The progressive crews share their work experience with the entire fleet. Rech transp. 21 no 7:52 J1 162 Some results of river transportation during the first half of 1962. Rech transp. 21 no 7 4-5. Il 162

INLAND WATER TRANSPORTATION-COST OF

Quantitative evaluation of basic factors determing the growth of labor productivity and the reduction of costs in river shipping S. Slutskii, Rech transp. 21 no 7-12-15 11 62

INLAND WATER TRANSPORTATION-LABOR

ic factors determing the and the reduction of costs it. Rech transp. 21 no. 7:

ATION-MANAGEMENT

im for the building of the transp. 25 no 12 0-10

work, P. Mukhin Rech

landings under the new ch. transp. 25 no. 12 13-

INLAND WATER TRANSPORTATION-TECHNOLOGICAL INNOVATIONS

Extend the use of advanced work practices. S. Putolov. Rich transp. 21 no. 7/31-32, 11, 162

INLAND WATERWAY VESSELS

Approximate determination of the drift angle of cargo i motor ships and pusher tog trains P A, Malyr Trudy 1 PVT no 81 135-130 165,

Basis for the weight indices of the metallic bull of inland cargo carriers for the construction period 1965-1970 G.G. Zadunacva Trudy LIVT no 61 145-151 (65

Method of working out basic tables of the new Regulations on the building of steel inland vessels "V.P Kuznetses Trudy I IV's no 81 75-85 165

INONOTUS OBLIQUUS

Steroid companies in the fungus Incontus obliquis. E V Lovingius, A N. Sivilia. Biokhimita 27 no. 5 794-400 S-O 162.

INSCRIPTIONS see subdivision under Crete; Ossetia,

INSCRIPTIONS, TURKIC see subdivision under Dzun-Khemehikskiy District; Tuya A. S. S. R.

INSECT BAITS AND REPELLENTS

Net repellents. P.S.13ataev. Med paraz i paraz bol. 32 no 2,209-216 Mi - Ap 463

Résults of the extensive use in 1961 of the new repellente called tepellin-alpha (Zashchita-I) and repellin-beta (Lesnaid) V.V. Almazova, Med paraz i paraz, bol. 31 no 5587-593 S-O 162

INSECT CAGES

Cage for files, V. Poleshchuk Zashch, rast 41 no. 12-13 166.

INSECTICIDES

NSECTICHES

Comparative toxicity of some incoeffucio-containing or gante fatty compounds to: fiens E V Avdeeva, N M Dukel'skata. Vest Mosk.un.Sci 6 Biol, pacha 21 no 4 19-53 H-Ag 166

Effect of insecticides (phosphothion, intrathion, and soldep) on the inducal enemies of aphids Viri Zeleny kitin v sol' khoz. 4 no 12 1-24 D 166

Répollent and tayle offect of chlorophos, chlorten, polychiorophone, MGU-22, RP-1, RP-50 and dimethyl-phthalate on the thek Dermacontor marginatus Sulz,

phibalate on the tick Dermacontor marginatus Sulz, an abstract. E.I. Pokrovskaia Med, paraz, i paraz bol N no, 5-522 S-O '62

Testing the larvicidal effect of trichlorometaphos-3 in the Hypoderma infestation of reindier A \ Nepoklonov, P.I. Brinshinin. Vetermarna 43 no.1 67-58 Ja 167

Toyleity of some insecticides to the home leaf roller Gapholitha delineann GN TSybul'skata Khim v sel'khoz, I no.12 25-26 D 166.

Use of tricklorometaphos-3 in Hypodorma infesiation G.I Getta and others. Vetermariis 43 no 151-57 Ja 187,

INSECTICIDES—TESTING

New insecticules for the control of codling moth. A.S. Dehtiat 'ova, V. S. Shelestova Khim prom [Ukt.] no. 3:38-41 JI-S '82.

INSECTS—DEVELOPMENT

Ecology of an ly developmental stages of some death watch beetles I. N Toskina Zoot zhur. 45 no 11:1644-1649 '66

INSECTS-EGGS

Piacifee in preserving insect eggs, V. Buchinskii, Zash h. rast - Il no. 12-40 '68,

INSECTS—PHYSIOLOGY

Hormones of insects. N. A. Tamarina, Usp. sove biol. 62 no. 3 415-429 N-D 466.

INSECTS, INJURIOUS AND BENEFICIAL-BIOLOGICAL CONTROL

Conference on the problem of application of micro-organ-isms in controlling injurious insects. V. P. Luk'ianchi-kov, Mikrobiologiia 31 no 5,956-957 5-O 462.

Practice in preserving meet eggs. V. Buchinskii. Zashch. rast. 11 no. 12,40 '66.

Use of Trichogramma in Laivia, IA, 7 Sinovskii, A, Zilspane, Zashch, rust. Il no. Il;21-22 466.

INSECTS, MARKING OF

Radioactive isotopus for marking Colorado boetle. G. Purinskala. Zashch. 1 ast. 11 no. 11:52 466.

INSECTS AS CARRIERS OF DISEASE

INSECTS AS CARRIERS OF PLANT DISEASES

Some characteristics of the formation of injurious fauna to introduced medicinal plants in humid subtropics N. V Syanidze. N. I Ostrovskii. Zool zhur 45no 11:1640-1643 '66

INSTRUMENT INDUSTRY-ACCOUNTING see subdivision

INSTRUMENT INDUSTRY-MANAGEMENT see subdivision under Leningrad

INSTRUMENTATION AND ORCHESTRATION

Kilanov, B. P., and S. I. Voskresenskii [Practical guidt to instrumentation for popular concert orchestras and ensembles] Prakticheskoe tukovodstvo po instrumentovke dlia estradnykh obkestrov i ansamble | Dd. 2. Months | Manths | 1086 | 218 h skva, Muzyka 1966 218 p

INSTRUMENTS

Borisov, S. I., V. F. Komarov, and V. L. Tokarev. [Theory of mechanisms and parts of precision instruments] Teorifa mekhanizmov i detait tochnykh priborov. Moskva, Mashinostroenic, 1968—400 p

INSULATING MATERIALS

Hydraulic insulation made of hydrophobic sillicon organic fluids K P Korobkov byt doi 29 no 12:25 D 66

'Kallolzol," a new heat insulating material. IU. Telegia Stroi 1 arkhit Uzh - 6 no 4 15 Ap 165

INSULATING OILS

likylation of a projesol concentrate using myrelysis gas to obtain an antioxidant ionol additive. A N Boden. B V. Kachmar Noft i gaz prom no 3:56-60 JI-

Methods for testing the yas resistance of insulating oils N.G. Kalentai, V I Glazunov Elektrotekhnika 37 no. 12 51-52 D 366,

INSULATING PAPER

Accelerated conditioning os samples of transformer boatd M V, Leonidova, Trudy VNIIB no. 51-28-34 %5

INSULATION (HEAT)

Heat insulation work by the State Trust For Power Machinery Installation V.O Luric, Foreig stroing 8:11-11 '66.

Installation of heat insulation in a 200 Mw. block of the Moldava State Regional Pleetric Power Plant, L.M. IArmolinskii Energ strot, no. 0:7-11 '66.

Insulated 1 oofing panels for industrial buildings, V.Raiz, Na. Stroi. Ros. 7 no. 11:13 N '66.

Method for determining optimal resistance to heat it ansfer of enclosing elements of industrial hulldings [A, Lupakov, L, D, Boguslavskii, Prom stroi 44 no 11 39-11 166

Selection of economically expedient thickness for autable wall panels of tesidential and public buildings, S Bellanovskii. Zhi!, stroi no. 10:6-9 '46.

Study of mechanism of raising quality of heat insulating stabs of peat using thermal treatment. 1.1. Lishivan, G. V. Meshalkin. 1.20 vys ucheb zav., strol.i arkhit. 9 no.981-66 186.

INSULATION (HEAT)—EQUIPMENT AND SUPPLIES

Using perfites in the production of heat-insulating articles, K Vermishev, A Akopian Prom Arm 0 no 10 17-10 466

Data indicating the presence of insulin in the urine Liberman. Biul eksp biol. i med 55 no 6:56-59 Je 163.

Effect of insulin on penetration of some cations and enloss through the wall of cuttle rumen S. Z. Hzhyts kyl. I. V. Andrusyshyn Dop AN URSR no 11;1458-1460 466

Effect of large doses of insulin on the cholinesterase activity, level of total and fourzed calcium, total blood proteins and blood angar. A.S. Fokin, N. P. Shabalov, N. N. Leont'eva Pat firiol. I eksp. terap, no. 3;79-90

Insulin-inactivating shifty of the liver under conditions of a changed insulin supply V. G. Shalispina Problembok i gorm 4 no.1:51-54 Ja-F 463

Relationship of insulin. oxytocin and vasopressin to yeast hexokinase G. V. Titova Biokhimita 31 no 5:1107-1110 N-D 'GB

INSULIN—PHYSIOLOGICAL EFFECT

Results of using insulin as a stimulant in examination of gash is secretion V.A. Arabadzhian Sov. med. 29 no 12:81-87 D '66

INSULIN-THERAPEUTIC USE

Changes in the functional state of the stomach in diabetes mellitus under the effect of insulin treatment N.A. Kalinina, Sov. med. 29 no 12:22-36 D '66

New data on electroencophalographic study of comatose states in insulin shock therapy of psychoses. A.E. Lichko, V. L. Doglin. Zhur, nev; i psikh. 67 no. 1 lis-123 167.

Psychopathologic and electroencephalographic characteristics of organic hyperinsulinism caused by insuloma A.K. Dobrzhanskaia and others Zhur nevr i psikh 68 no. 12-1829-1836 '86.

INSULIN SHOCK THERAPY

- Computative effectiveness of the treatment of schizophicnis with aminazine and its combination with insulin-N.V.Vinogi ador, N.K. Tkachenok. Zhui nevi i psikh
- Pessibility of the combined use of insulin and aminazine for the treatment of schirophrenia patients. Report No.1 V P.Kutin. Zhur nevi i patkh. 63 no.1,114-118 '63

INSURANCE

Problems of developing state insurance in the R S, F, S, R, A Golikov Fin SSSR 10 no. 11:21-26 N 166.

INSURANCE, AGRICULTURAL

Renders suggest, survey of articles and correspondence received by the editor. Fin. SSSR 10 no 11:73-75

INSURANCE, SOCIAL

First steps of the People's Commissariat of Social Security Z. Antipina Sols obesp. 11 no 12 7-10 D '66

INSURANCE, SOCIAL—EMPLOYEES
Place in life IU. Osipov. Sois. obesp. II no. 12 18-21

INTAKES (HYDRAULIC ENGINEERING)

Bottom v ater intake with jet cutoff G A. Dzhimsheli. N. H. Kereselidze Gid: stroi 33 no 7-39-11 Jl 163 Calculating radial systems of horizontal holes. G. A. Trudy Lab, inch, gidt ogool, VODGEO no. 1, 29-19 162.
Calculating lectifinear infinite series of wells. N. N. Verigin. Trudy Lab inch gidtogeol. VODGFO no. 1

Verigin, 4-23 '62,

INTEGRAL EQUATIONS

Baniluk, I.I. (Lectures on boundary value problems for analytic functions and on singular integral equations; for students of Novosibirsk State University) Lektsii po kraevym zadacham dila analiticheskith funktsii i singuliar nym integrat'nym uravnentiam, dlia studentov Novo-sibir skogo Gosuniver siteta Novosibirsk, Novosibir-skii gostuniv, 1964, 225 p.

Definition of notion of solution to integral equation with discontinuous operator. N. V. Azbelev, Li Man Su, R. K. Ragimkhanov – Dokl AN SSSR 171 no 2 217-250 N '66

An inversion formula of A. Bitsadze, "T. G' Gegellia Trudy Vych tsentra AN Graz, SSR 3 81-87 '62

One generalization of Chandrasckhar's equation V.A. Kakichev, V.S.Rogozhin Dif.urav, 2 no.94264-1270 S 166

Use of IU. D. Sokolov's method in approximate solution of integral equations with delayed argument, M. M. Gal', Ukr. mat zhur, 10 no. 6 102-111 166,

Variant of method of averaging functional corrections in solving linear mixed-type integral equations, V.I. Tivonchuk, Dif.urav, 2 no.04228-1238 S 466

INTEGRAL EQUATIONS—BOUNDARY VALUE PROB-REMS

A nonlinear boundary value problem of Hilbert T Z Chochiev Trudy Vyeg, tsentra AN Gruz SSR 3,237-Chochit v 239 | 62

INTEGRALS, GENERALIZED

Boundary viaues of Paisson integral and convergence rate of Fourice series of continuous functions. M a Subfinality, L. I. Krainova. Dokl AN Tadzli SSR 8 no. (213-6 466.

Connected extremum problem for class of functions representable by Stielljes's integral, V.A. Variukhin, S.A. Kas'ısniuk, V.G. Finogenova, Izv. vys. ucheb, zav, mat no. 6.40-49 '68,

INTEGRODIFFERENTIAL EQUATIONS

New method for solution of casenda theory equations
A. I. Vaskin, V. V. Guzhavin, I. P. Ivanenko Zhur, chsp.
1 teor fiz. 51 no 5:1483-1491 N. 166

Nonlinear equations relating to problem of cathodic pro-tection of pipe systems from corrosion V. N. Ostapenko Vych mat. [Kiev] no 2:154-160 '66

One integrodifferential equation, E. P. Peskov, Izv. vys. ucheb. 20v. mat. no. 6 125-136 166.

Relaxation in system with suddenly changing perturbation in presence of correlation between its successive values A.I. Burshtein, IU.S. Oseledchik Zhur eksp i teor. fiz 51 no 4:1071-1083 O '66

INTELLIGENCE SERVICE ace subdivision under United

INTERCOMMUNICATION SYSTEMS

"Interorgickimika-66." Vest. svinzi 26 no. 11.30-32 N '66.

INTEREST AND USURY

Interest and business accounting. P. Pchelin, L. Rubanov. Dan, i kred. 24 no. 12-24-27 D 166

INTERFEROMETER

Stable radiointerferometer with a large base. B. M. Chikhaev. Radiotekh, i elektron 11 no. 11;2072-2074 N '66.

INTERFEROMETRY

Interference method for studying homogeneity of synthetic committee crystals, V S, Dolalughia, E E Berezins Rost vitst 54402-409 (65)

Inferferemently observation of crystal growth. Edenck Sole. Rost krist 5:212-215 '65

Solution of an inverse problem in seismic prospecting by methods of interference analysis IU V Timoshin Nauch 2ap LPI no 80:30-50 '62

Some results of studying homogeneity of aynthetic counding envents by interference method V 5 Doladugina, E. E. Benezina, N. P. Tikhonova Rost krist, 5:110-417 '65

INTERFERON

Liftect of interfer on on production of hemagglutinins in chick fibroblasts infected with smallpox virus 10 V Chernetsov Vop ins 11 no 6:667-671 N-D '66

Interferon and some problems of viral interference V P. Gamburg. Vop. virus. 8 no. 4 387-391 Ji-Ag 463

Interferon, its properties and possible practical use A A Smorodinisev. Usp sovietiol 62 no 3 398-414 N-D 166

Mechanism of interfer on effect on reproduction of small. por virus and cell metabolism O virus 11 no 6:662-666 N-D 466 O P. Peterson Von

Study of interferon activity in chick fibroblasts-chicken pox virus system at various intervals of its action 111. IU V Chernetsov Vop virus 11 no 5 525-532 5-0 '86.

INTERINDUSTRY ECONOMICS (see also subdivision under Germany, East)

Regularities of the rates of branch development E Savinskii, Vop ekan no. 12:29-40 D 166,

INTERIOR DECORATION

Readers' suggestions, Stron i arkhit Len 25 no. 9 29-30

INTERIOR ELECTRIC WIRING see Electric wiring, Inter for

INTERMETALLIC COMPOUNDS

Alloying crystals of some intermetallic compounds through melts N. L. Kostur, V I Psarev 6:288-295 65

Interaction between an Al-Pb-Sn melt and cyclically deformed steel. M I. Choice wikyi, V F. Shatynskyi. Dop AN URSR no. II 1456-1460 *62.

INTERNAL COMBUSTION ENGINES

Effect of loading on the change of diametric gap between cylinder bushing and engine piston. A. N. Ustinov. Vost, mashinosti. 16 no 12 36-37 D 166

For greater precision in calculating the energy balance during the process of filling an internal combustion engine. G. A. Khantadze, Trudy GRUZNIMI SKHa. 8 no 2·17-38 '62

Liquefied gases as firel for internal combustion engines, V. P Davidov, V. M. Popov, Trudy IGI 18:128-134 62.

INTERNAL COMBUSTION ENGINES—FUEL SYSTEMS

[Mixture distribution in a carburetor engine] Rasprede-lenie smesi v karbimatornom dvigatele [By] V. I An-drede i dr. Moskva, Mashinostreenie, 1938, 125 p

INTERNAL COMBUSTION ENGINES-IGNITION

Thermodynamical analysis of the cycle of spark and fiame ignition. N.S. Zhdanovskii, K.I. Kozhushko, A.V. Nikolaenko, Zap. LSKIII 96:18-25 '65.

INTERNAL COMBUSTION ENGINES-MAINTENANCE AND REPAIR

Improving the cuality of the repair of internal combustion engines in transportation, seminar. Inform, blut, VDNKI no. 6.9 Ag '102. Operating the ZIL engine, I.L., Kaganov, A.E Galburt, Prom Bel 9 no. 12.21-25 D '66

INTERNAL COMBUSTION ENGINES-SAFETY MEASURES

Protecting friction pairs of an engine from solling particles. M A.Grigoriev. Vest, mashinosti. 46 no. 12; 33-35 D 166.

INTERNAL COMBUSTION ENGINES-TESTING

Kiuregian, S.K. [Using the method of spectrum analysis in evaluating the wear of internal combustion engines] Otsenka iznosa dvigatelei vnutrennego sgoranila meto-dom spektral'nogo analiza, Moskva, Mashinostroenie, 1980, 151 p.

Unit for investigating the wear of engine bushings. V. P. Suslov, B IA Kataman Prom Bel. 9 no. 12,21 D

INTERNAL FIXATION IN FRACTURES

Clinicomorphological evaluation of intramedullary metal osteosynthesis of fractures with simultaneous experimental hetero-homo-and auto-hone grafting A. I. Ball. Eksper.khir i snest. 8 no.6:47-51 N-D '63 Exercise therapy in diaphysial fractures of the forcarm following treatment with intransseous metal of frection I. N. Naumova - Trudy Inst. im. N. V. Sklif. - 7, 360-367

Experimental intraosseous fixation in home grafting for the reparation of femoral diaphysis with lyophilized tubulan homotransplant. A 1 Morozov. Trindy Inst. im. N. V. Skitf. 7 420 (6.3)

Immediate and lite results of surgical treatment of moduli fractures of the femoral neck with three-bladed metal natt. L.N.IAKumna, E.L.Rottburt. Travnatologita no 1 181-186 *65

Intramedullary osteosynthesis with the use of shifted autotransplants. F. M. Bakuim. Traymatologiia no 1:158-161 165

Late results of intraosseous fixation of fractures of the disphysis of the fenur N. I. Gurgenidee. Trady Inst. im. N. V. Skilif. 7.303-305, 163 Late results of surgical esteosynthesis with a metallic

sures in medial fractures of the femoral neck. L. Kaem. Trudy Inst. im. N. V. Shif. 7 315-32 1 163 Late results of surgical treatment of closed and open

fractures of the forearm bones using the method of intraosseous metallic osteosynthesis O S Chakhunashvili, frudy Inst. im N.V. Sklif 7 312-318 63

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Late results of surgical treatment of nonunited tractures of the diaphysis of the foreaum N.A. Popova Trudy Inst im N V Skhi 7:349-351 63

Late results of surgical treatment of trochanteric fractunes of the femur P.N. Petro: Trudy Inst im N.V. Skiff 7 311-316 463.

Methodology of metallic osteosynthesis of closed diaphysical fractures of the shinusing K. M. klimov's modified nati. VI. Kravchuk, Travmatologiia no 1. 221-224 '65.

Primary healing of the bone in operative treatment of closed diaphysial fractures in both lames of the shin, K, V. Laputina, Trudy last, im, N V Sklif, 7 330-334

Results of surgical treatment of fractures of bones of the extremities 1 A Bellavina Trudy Inst. im N.V. Sklif. 7 368-372 163,

Some complications in the metallic esteosynthesis in experimental fractures of tubular hones V.S. Turusov, Trudy last im, N.V. Sklif. 7 384-389 463.

Surgical treatment of closed disphysial fractures of the bones of the shin O.N.Gudushauri Trudy best um. N.V. Sklif 7 335-337 183,

Surgical treatment of diaphysial fractures of the forcarm and their outcomes, A. M. Akimov. Trudy Inst. im N. V. Sklif. 7 331-358 463

Surgical treatment of nonunited fractines and pseud-arthroses R IA IAFabov, Trudy Inst. u : N.V Sklif 7:372-383 '63

Technique of closed introduction of the natl in medial fractures of the femoral neck, V 1, Rozentsvit, Traymatologita no. 1:187-189 '65,

Trantment and outcome of fractures of the entirential capitate of the humanus, i T Knysh. Travmatological no. 1-202-208-65.

INTERNAL FRICTION

Amplitude and time-dependent relations of internal fric-tion in ionic crystels V IA Platkov, V I Startsey Fiz twee teln 8 no 7 1994-2000 Jl '66

Offect of exposure to light on internal friction in crystals A A. Durgarian, C.S Badalian 17v AN Arm SSR, F12, 1 no 3 203-201 '66

INTERNAL MEDICINE see Medicine, Internal

THE INTERNATIONAL

Institut marksizma-leninizma, Moscow. [From the history of Markism and the international labor movoment, for the 100th anniversary of the founding of the I International Iz istorii marksizma i mezhdunarodnogo rabochego dvizhenija; k 100-letiku so dnia osnovanija I internatsionala, Moskva, Politizdat, 1984, 664 p. (CSt-II)

INTERNATIONAL BANK FOR ECONOMIC COOPERA-TION

International Bank for Economic Cooperation, K. Nazarkm. Den i kred. 24 no. 12:40-43 D 166.

Karpich, V.S. [Bank for the cooperation of equals; pre-lequisites for its creation and operation] Bank sod-ruzhostva ravnykh, predposylki sozdanija i delatel'nost'. Pod red, K.A. Larlonova, Moskva, IMO, 1966, 158 p.

INTERNATIONAL COMPETITION see Compelition, International

INTERNATIONAL EDUCATION

The feeling of belonging to a single family. V Maznin Agitator no. 18:45-47 S 162.

DITERNATIONAL GEOPHYSIC AL YEAR, 1957-

1300 If $t \to t$ in $C = 2\pi t_0 + ct_0$ in period of $IGX = \{t_1 = r_0, t_0 = s\}$ if $P = s_1 \to t$ of the a sum of $IFT = t \to t$ in $f \to t$ is $f \to t$ in period of IGX = t in $f \to t$ in

ESTERNATIONAL LAW

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INTERNATIONAL RELATIONS-BIBLIOGRAPHY see Bibliograph, --Internatio at relations

DATE PHATIONAL RELATIONS-RESEARCH

The serie control of Maners D Prior Laboration for the control of the August 1985 of the Control of the Control

CHERNATIONALISM

(see also subdivision under Estonia)

Profession and the articolation of description and the control of Geographic Charles on the control of the cont

Ward, Bartiara, Frice ideas that change the world. Translated from the Lughish Prit idei, kotorye meniatut n ir. N.: York, F.A. Praeger [1961] 180 p. (NIC)

DITERPLANETARY MATTER

Coarme distributioner and ing the Earth M.B. Divariation when 43 to 6 1273-1288 N-D 166

clust B \ T isker Astronizhur 43 no 61280-1201 (5-D) 468 Effect of corpuscular radiation in the encumteriestrial

EXTERPOLATION

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INTERSTELLAR MATTER

Helium "ille"), its sources and methods of observation R \ Simae Astron zhou 45 no 6 1237-1243 V-D

Ratio of total to selective interstellar absorption in Oriun R Barthus Astron tair no 308 3-5 N to4

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Citairal aspects and differential diagnosis of lumbar diskal hernia indications for sungical treatments B.L. Lubnov Zhur neve i psikh 63 no 137-42 '63

INTESTINAL AND PARASITIC WORMS see Wolms, Intestinal and parasitic

INTESTINAL FIGUREA are Fistula, Intestinal

INTESTINES

Correlation between the rostral portion of the reticular formation and the small intestine O P Dobromyslova, 1 4 Zubkov Biul clsp biol i med 55 no 5 13-16 VIV 163

Role of the supranenal gland in the tissue respiration regulation of the intestines fractuated with radioactive strentium. Z I Slutova, E I Komarov. Vop radiotiol 1 25-32 461

EXTREMNIES OFFICED

ents with cancer of distal

'sfine, N.M. Otsep,
3 109-112 '63 e V N. Meshkova.

of the ricocccal A. Durno, V.A.

the small intestine.

tentral, Deeprope-

miasis, V K 4-118 D '68 gical diagnosis of growth ofenter fter the preliminary C T. V. Smit nova. ilmmun 33

rinkov Zhu 128-131 N '66

Titological structure of bacterial intestinal infections 1.14, Veselo. Zimi mili objol , epid i immun. 13 no 1,95-97 b '66

Onthreak of scute intestinal disease caused by Escherichia coli of the Ol8 serotype F N Kulikova. D I Vaisman d I Kavalerchik Zhur mikrobiol , epid i immun 3 d I Kavalerchik 2 no 6:69-73 Je '62

Philognion of the large intestine S.K. Gliasman, IA I Gitaborg bhituigha 42 no 11:61-67 N 166

Results of studying the infectious enter its of gees L. M. Kontrimavicius end others. Veterinarila 13 no 12 34-36 D 166.

no 12 34-36 D '66.
Significance of local (topographic) leucocytosis in the differential diagnosis of some acute intestinal infections W M Budzhe, L I Izraflet Sov med 26 no 3:118-121 Mr '63.

Use of selenite medium for bacterrological diagnosis of intestinal infections. A, F. Nusinov and others. Lab delo no 1:10-42 '67.

INTESTINES-INNERVATION

State of intraminal nervous apparatus of an intestinal loop transplanted into the neck L F Mnkm ova, V, P Kulik Trudy 1-go MMI 49,153-158 '66

Study of the mechanism of chemoreceptors. Report No. 5 Effect of tetracthylammonium on receptivity of small intestine receptors to different chemical stimuli. N. A. Anakina Bud ckap biol i med. 55 no 6:29-34 Je

INTESTINES-MICROBIOLOGY

Data on the study of intestinal microfior a in dysentery in young children Report No 2, author is abstract. Kh. P. Gamlechko. Zhur mikrohiol., epid i immun. 33 no 6 93-94. Is 182

na v 93-94 le 62 Immunochemical analysis of polysaccharide containing complexes of intestinal bacteria of various serotypes S. V. Mons'ka-Drobot'ko, I lA Zakharova, Mikrobiol zhur 28 no 6'27-33 'ob

New preserving liquid for intestinal protozou. R S. Safaraliev Med paraz i paraz bol 32 no 2:221-222 \h -Ap |63

INTESTINES—OBSTRUCTIONS

furitation of the mechanolecoptors of the intestinal wall as a cause of dynamic intestinal obstruction IU, M Gal'perin Biul eksp biol i med 55 no 5.45-18 My

INTESTINES—SURGERY

Changes in alkaline phosphatase activity in neurons of spinal gaugite of cat following resection of rectum and sigmoid colon A P. Amvros'ev Dokl AN BSSR 10 no 9:710-714 S 'b6

Experience in using an all and large intestine invagination anastomoses at various levels of large intestine IA D Vitebskii Sov med 29 no t2 16-51 D 166

New method of applying an anastomosis to the small intestine. A A. Zaporozheta Doki. AN BSSR 6 no 6 392-395 Je '62

Obstructive resection in obstruction of the large intestine caused by a tumor. O.I Vinogradova, B.A Petrov Kharurgiia 42 no 11 58-63 N 166

Primary cancer of the small intestine, V N, Meshlova, khirurgila 42 no 11-53-57 N 166,

Repeated surgery on reticulosarcoma of the Heocecal angle in children, 3 observations L. A. Dunnov, V. A. Shkarenkov. Vop. onk. 12 no. 12 58-60 166.

Selection of surgery in villose tumors of the rectum and large intestine. A.N Ryzhikh, IU. M. Slavin, I M. Inciatov. Khirurgila 42 no 11:67-73 N '66.

INTESTINES-TRANSPLANTATION

Changes in some functions of the organism following antethoracic csophagoplasty with the small intestine E. A. Pechainikova, L.G. Selezneva, Khirurgila 30 no 2 119-124 T 163

Dynamics and mechanisms of the motor activity of an autotransplanted intestinal segment V P Kulik and others Trudy 1-go MMI 49:159-167 '66

Free transplantation of the small intestine with subsequent vascular anastomosis for esophingoplasty V. I. Popov. V. I. Filin Eksper khir i anest 8 no.6:23-25 N-D 163.

Morphological characteristics of homotransplants of small intestine in dogs N. A. Bykova, V. P. Kulik Trudy l-go MNI 49-145-152 166

Our experience in the reversion of the initial segment of the small intestine and duodenum following resection of the stomach A.M Betanch. Trudy Inst. in. N. V. Skiif 7 131-136 '63

Peptic ulcers of the large intestine in esophagoplasty. B A. Petrov. P. P. Sytnik Khirurgila 39 no. 2:107-112 F '63

Segmental intestinal plastic surgery of the cervical section of the esophagus V.I. Popov, V.I. Pilin Khirungite 39 no 2:113-118 F '63

State of intramural nervous apparatus of an intestinal loop transplanted into the neck L. F. Makarova, V. P. Kulik Trudy 1-go MMI 49:153-158 '66.

Transplantation of a segment of small intestine in the high resection of the stomach and gastrectomy, P.N. Petrov Trudy Inst im, N.V. Skill 7:123-128 163,

tise of small intesting in plantic numbery in the treatment of pastric diseases following pastrectours, E. I. Zakharov. Trudy Inst. im. N. V. Skilf. 7 117 124 9 L.

INTESTINES-TUMORS

Obstructive respection in obstruction of the large late caused by a lumor. O L Vinopardova, B A Petro, Khirungila, P. no 11 58 63 N 166

Scleetion of surgery in village numera of the rectura 5 3 large intesting A N Ryshib, 10, M Slavin, 1 34 Inolatov Shirurgin P no 1167 // N 366,

INTRA-ARTERIAL INJUCTIONS see Injections, Intra-

INTRACRANIAL PRESSURE

Now data on the mechanism of intracrantal bload elective tion A. I. Naumanko and others. Fiziol, zhun no 10 1253-1259 O 102

INTRAMUSCULAR INJUCTIONS BOO INJUCTIONS,

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Correlation of initian also and systemic arterial preserve in artificial hypothermia in antiposis with the correlation of L. P. Popov Problemlok (group) 9 no 1821-10 (1) P. Popov

INTRATRACHEAL ANDSTRESIA

Anosthesia and the loss of blood in operations on the L $_{\odot}$ in tuber cubes (R/G) . Manachova, Rf N Zhillin (R/G) and $(Z\log R)$ in or (R/G) if (R/G)

Pifectiveness of endotrachard oxygen and ether an other lain repeated training and hemorrhage in a state of a + A, V. Martinkus - Dhaper This formers B and 6:44 71 N-D '63

INTRAVENOUS INJECTIONS see Injections, Intravenses

INTUITION

Characteristic features of intuition as an element of knowing I. K. Redionova Volt. Most. un Set. 81 141 2. 21 no. 3.51-65 My-Je 165.

Averaging of invariante of Green-Christoffel tensors
F. I Tedorov Dokl AN BSSR 10 no 9:636-640 5 ha

Continuity of certain conformal invariants, P. M. Tabus tazov. Ukt. mat. shur. 18 no. 6679-84 186. Some problems in the theory of vector invariants, D. h. Khadzhiev – Dokl, AN 888R 171 no. 54045-1646 D - 66

INVENTIONS

Planning the officiency of the introduction of inventions and innovations. A G. Baristov, P. A Plaiffs. Vol. 120bi., no 0.3-6 Ag 166

Problems of invention work in Institutions for higher education, A.I. Andriovasti, Vop. 120br., no. 8012-01 Ag 106

Profiles of the future, B. Hapimov, V talle knig & no. 10-13-11 O 166.

INVENTORS, AMERICAN

Wilson, Mitchell A. (American scientists and inventors Translated from the Puglish Amerikanskie uchenje i izobretateli. [Moskva, Znanic, 1964] 148 p.

INVERTASE

Methods of determination of the anecharase activity of soils, N.V. Peterson, E.V. Astarteva, Mikrobiologitish pp. 5-918-922 S-O 162.

INVESTMENTS, FOREIGN see subdivision under Africa,

IODIDES

Concentration of substances in polar ographic analysis, Report No. 9: Determination of todine tens. Kh. Z., Brainina, E. IA. Sapozinikova, Zhur, anal, khim, 11 no. 11-1342-1317 [16].

Study of the process of the exidetion of the leding for by chief in and hypochlorite in salt solutions [G. It, Zalki, i., S.I. IAvorskii, Izv. An Turk SSR, Ser, fiz. -tekii, khina i god, nauk no, 5:40-45 162.

IODINE

Electric characteristics of tellusium doped with iodine G. B. Bagduev, S. A. Abakarov Fiz tvor. tela 3 na 7-2234-2237 Jl '66

Equilibrium in the system beron phosphide - todine IA, Kh. Grinberg, N. P. Luzhnaia, Z. S. Medvedeva. Ixv AN SSSR, Neorg mat 2 no 12,2130-2133 D 166

lodine content of the air over Daghestan, 1, A, Maganie-dova, A, B, Salmanov, Agrokhimita no 12:04-06
D 166,

Some synthoses of five-membered heterocyclic compair is carried out by means of indine cyclization reaction. V.I. Stanynets!, IE.O. Shylov. Dop. AN URSR no. Il 1174-1476 162.

10DINE BROMIDE

Lac of an agus ous solution of foding broundle in quantita-tive malvels [5, N Nazrulliev, A I Gengrinovich, 1 M Murtazacv | Apt delo 12 no 1,12-15 Ja-F 163

IODINE ISOTOPES

Detection of viral antigen in the infected cell by the nethod of 1¹³¹-labeled antibodies V M Stakhanova, F M Zhantieva Bud eksp biol i med 55 no 5,91-92

Dynamics of the accumulation of 1131 at an early date following the oper mon on the thyroid gland. I Masthaum. Med rad. 7 no 8:16-72 Ag. 162.

Radiometric investigation of salivary glands with the aid of radioactive todine L. A ludin Med 1 ad 7 no 8 3-11 Ag 462

IODINE ISOTOPES-PHYSIOLOGICAL EFFECT

Effect of radioactive todine on the thyroid gland tissue following single and fractional injections 1.A Kashchenko and others Vop radiobiol 1:242-251 61

IODINE ISOTOPES-THERAPEUTIC USE

Cuttent methods in the treatment of thyrotocicosis Z.M Mamedov, M M AllFishibakov Azerb, med zhur. 40 no 28-12 Γ '63

Denomics of changes in the electrocardiogram in thryrotoxicosis treated with radioactive indine M ridonova Med rad, / no.8,22-29 Ag '62

Dynamics of the absorption and removal of radioactive tolline in relation to the doze injected into the organism Vap, radioblol, 4:228-241 '61.

IOLGO RANGE-KARST

Krist phenomena of the Jolgo Range, A.N. Tupotifova Izv Alt. etd Geog ob-va 988R no 3-18-50 483

ION BOMBARDMENT

Angula: and energy distribution o, ions reflected it om copper single crystals DS Kni puzov, VA 1.14ckov, VE, IUrnsova Fiz tver tela 8 no 7/2173-2181 Jl 66 Dependence of sputtering into on ton energy 10 V Martynenko Fiz tver tela 0 no 7,2109-2111 Jl '66

Negative ion sputtering of solid surfaces under ion hom-bat dozent. A. Kir Minkhanov, M. K. Abdullaeva. Izv AN SSSR. Set. fiz. 30 no 12 2000-2007 D '66

ION EXCHANGE

Callon exchange in mixed aqueous-organic media, L.V. Novitskain, G 1 Starobinets, Doki, AN BSSR 10 no 19:755-758 O 166

Experimental study of the purification of sewage resulting from the production of 1-[n-mitrophenyl]-2-acotylamina-ethanol I 1 Shkorbatova, P.S Kratzman, Vod., ran. gidi . sooi. no. 1:47-57 '66,

Investigating the graphitization process of white east iron ursker electric transfer conditions. F. K. Tkachenko Lift projev no.11;37-38 N '63

Ion exc. ingo and increase in glass strength. O. K. Botvin-Ma. O. N. Denisenko. Izv. AN SSSR Neorg mat. 2 no Il 2029-2032. N. 166.

ion-exchange and sorptive properties of synthetic erionite. L. P. Shir inskain and others. Dokl AN BSSR 10 no.12, 961-964 D 466.

Inn-exchange extraction of nicket, zinc, and chromium from the sewage of galvanization departments, 7. L. Shkorbatova, 1. L. Ryzhova, Vod., kan., gidi., soon no. 133-70 186.

lon exchange neutralization of etherial attar of reses of higher aculity, S.D.Kustova, E.I.Bickherova, Trudy VNHSNDV no 7 129-131 '65

Method of calculating parameters of ion exchange of functional groups of bifunctional ion exchanges based on experimental exchange isotherm. IU. A. Kokotov. Zhur, fiz. khim, 40 no. 11 2709-2793 N 466.

Regularities of polyion exchange, A.T.Davydov, R.B. Radushinskaia, Koli. 2hui. 20 no. 6 824-828 N-D

Selecting conditions for ion-exchange concentration and determination of microimpurities in the analysis of high-purity substances N.G.Nikitina, N.K.Gaikina, M.M. Seniavin Zhur anal khim 21 no 10 1165-1171

Study of behavior of indium in solutions containing sulfate ions by means of ion-exchange method, E. P. TSintsevich, S.G. Stancheva, I. P. Alimarin Vest Mosk. un. Scr 2; Khim. 17 no. 5:45-49 S-O '62.

Titrimetric determination of sodium by means of anion exchangers A.I.Riabinin, IU.A.Afanaa'ev. 1 A.Aksenov Zhur, anal khum, 21 no.10-1258-1260 '66

ION EXCHANGE RESINS

Concentration of bacteriophage T2 on the anion exchange resin AV-17 I. V. Cherniakhovskara. Biokhimita 28 no 2:253-257 Mr-Ap 463.

Data indicating the presence of insulin in the urine L.L. Liberman Biul eksp biol i med 55 no 656-50

Direct hydration of acetylene to acetaidehyde in the presence of ion-exchange roains, A. A. Panfilov, Kh. A. Grigorian, V. I. Isaguliants Dokt, AN Arm. SSR. 35 no. 2:63-66 '02,

Some patterns of the adapt ption of micro-organisms on ion-e-change resins. D G Zyjagintsev. Mikrobiologita 31 no 2 339-313. Mt-Ap. 162

ION EXCHANGE RESINS, EFFECT OF RADIATION ON

Cleation paramagnetic resonance method of studying the effect of \$00cm \(\text{c} \) relation on anion-s change result. A Karpakhin s ad others, Zhur, fiz khun 10 no 11 2819-2833 N '66,

ION EXCHANGERS

Mechanism of precipitation sorption on ion exchangers A A Lurie | Koll thur | 28 no. 6 871-075 N-D | 66.

Separation of alkali metals on ton exchangers with close-packed structure V S Soldato», A I Pokrovskaja, R V Martsinkevich Dokl AN PSSR 10 no 9-565-667 S '66

Use of ion exchangers for the improvement of the physicochemical properties of faithfrees and set $V \to Batudy, K V, Denjaova – Khum prom [Ukr.] no 341-44 J1-5 162$

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ION SOURCES

Source of polarized ions. R. P. Slabospitskii and others. Lev. AN SSSR, Set. Rev. 30 no. 13 2031-2038 D 466

IONIC CRYSTALS

Amplitude and time-dependent relations of internal friction in tonic crystals VIA Platkov, VI Startsev Fiz tver teln 8 no / 1991-2000 Jl '66

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IONIC CRYSTALS-DEFECTS

Role played by surface electronic defects in hetero-geneous catalytic polymerization. Part 3 Polymeriza-tion of acrylonitrite in the presence of colored alkali halides obtained in the Wurtz-Fitting reaction K S Minsker, V. I. Ganina. Vysokom. sord. 4 no 11:1665-1671 N 162

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Scattering of highly excited argon atoms on hydrogen and production of Arti[†] ions S.E. Kupritanov Zhan ekspiteor fiz 51 no 4:1011-1013 O ¹56

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Relation between electron concentration at altitude of 100 and 110 km and perturbation of earth's magnetic field. L. P. Korsunova and others. Geomag. ser. 6 no, 8'1114-1116 N-D '66

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IONS-SCATTERING

Scattering of alkali ions by surface of tungaten single crystals. U. A. Arifov and others. Iv. AN SSSR, Ser. fiz. 30 no.12:1095-1090 D '66.

IONS-SPECTRA

Formation of slow ions during passage of fast neutrons and hydrogen atoms through nitrous oxide V. A. Gusev. D V Pilipenko, IA M Fogel! Zhur eksp i teor fiz 51 no 4:007-1010 O '66.

IOSIFOV, GORDE MAKSIMOVICH, 1870-1933

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IRANIAN STUDIES-CONGRESSES

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A. A Gurrhota. Trudy IGI 18:48-53 '62.

Lest traces for the synthesis of organic compounds
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on an iron-cupier calalyst. I F Bogdanov, N. V

Livrot, M A kostomarova. Trudy IGI 18:78-03 '62.

New process for the synthesis of organic compounds from carbon romoxide and steam. Part 2: Synthesis or an actored from carbyst. I F Hogdonov, N. V Lavrov, G V Grebershchikova Frudy Ref 18 94-190 182.

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MON FOUNDING

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Age related changes in the p on content in tissues and DNA propulations of white rate. B, L Gol'chtem, S. G. Rud', L. L. Pollakova. Vop. med Phim. 12 no.5;618-621 N-D '66.

IRON METABOLISM

Disorder of them metabolism in encylosiominals 1. P Seprency Med paras 1 paras bel 32 no 2-159-163 Mr - 4p '83

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IRON MINES AND MINING see subdivision under Krivoy Rog Basin, Novokuznetsk region

IRON MINES AND MINING .- MANAGEMENT

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RON ORES (see also subdivision under Krivoy Rog Basin, Siberia, Western, United Arab Republic, White

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RON OXIDES-TOXICOLOGY

Studying the toxicity of ferrous oxides. S.M. Tal'ko. Pochv usl. I effek udob. no. 1:48-50 '63.

IRON-SILICON ALLOYS

Effect of temperature and composition on density and Surface energy of fron-silicon melis. E S. Jevin, P. V. Gel'd, B. A. Baum. Zhur, fiz, khim. 40 no. 11, 2706-2712 N '66,

IRON-TITANIUM-SILICON ALLOYS see Titaniumiron-silicon alloys

IRONWORKS see It on and steel plants

IRRIGATION

(aco also subdivision under Karachay-Cherkess Autonomous Province, Lenings ad Province, Rustin Province, Ukraine, United States)

Askochenskii, A.N. [Land traigation and water comply in the U.S.S.R.] Or oshenic Universities zent P. e.S. St., Moskyn, Sel'khozidat, 1961. 45 p. [hd]

Certain problems in the development of power diving it complexes. G. O. Levit. Gldr. stroit. 33 no 8 55 55 Ag. 461.

Latimating the work of apillways from flexible field discreption of A.I. Petrukhno. Vod. Macz., no. 349-441

(6) Khachatelau, A.G., Kh.Sh.Shaphio, and Z.I.Sharori, [Silling and washing of firilgation kelling hashes and reservoirs] Zulicule i promyv firing attennysh of stoffwar voolokin utilisheh. Maskya, Kolos, 1966. 26 p. 5enson il dynamica of early in hispating soft, in kyre. Anathry with mineralized voters of the Mikhalts. I v Khofil View ob-variothy no 1917-15 fed.

(DNA1)

State of melligative hold science and the problems of soil improvement studies for the justification of the projects of hitly time and improving saddots (*****); V,V,1 gorov, P. A. Istunov, Pornvovement no. 12; (****);

IRRIGATION—FINANCE

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TRRIGATION CANALS AND FLUMES

Some problems of the improvement of the operation of Biggation by items N.A.Alchaere, V.D.Berdynine, Gldr, 1991 18 ac. P. 6. 13. D. 356

tian of fish second at the intakes of tri ligation pur plu 8ystems A V. Podlasov, V. S. Kukhtin D. L. Lylato Gldr 1 mel - 18 no. 12 30 35 D 466.

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tisting topographic maps on a scale of 140,000 for cal sang asong-paper mayo on a set e at Paper, don'to e it culating work plans on irrigated hand, III, k. Neumey, the Izy, vys ticheb zav, geod, l'actof no 3,21-24 %.

Ziulikov, G.M. [Subpurface in Igation systems] A.A.ryts of olositel nye sistemy. Moskya, Kolos, 1966, 197 p.

IRRIGATION CANALS AND FLUMES-MAINTLNANCE. AND REPAIR see subdivision under Ukraine

RRIGATION FARMING (see also subdivision under Georgia, Koshekhabi District, United States)

Datablishing irrigation rates for from crops based on the operative calculation of total evaporation. S. M. Alpat'ev. Vod. Phoz. no. 111-22-166.

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Structure of plantings and crop rotations. A.A. Selske, M.M. Gorhanskii, V.t. Ostapov. Zemicuelle. 28 no. 10 12-15. O. 166

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Economic effectiveness of irrigation norms in conditions of insufficient water supply. P. D. Khudinkov. Vol. khoz. no. 4-190-196 (oh.

IRRIGATION FARMING-EQUIPMENT AND SUPPLES

Problems of the mechanization of surface irritation of farm crops using flexible pipelines. V, IA, IA, the Vod. Mach. 166, 44110-166 (66).

IRRIGATION LAWS see subdivision under Unbekisten

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Composition and some characteristics of distribution of hydrocarbonic gases in Mesocoic acdiments of the letysh interflue, based on mid-legging and well-testing results. P. I Cheromyth Gool I geoffe no 1943-146 '66.

rtysh valley—paleontology, stratigraphic Yolkova, V.S. [Quaternary sediments of the lower part of the lrysh valley and then blostratign aphic claracteristics] Choivertichnye otlozhenia ulzov'ev litysla i ikh biostratigraficheskain kharakteristika. Novosiblisk, Nauka, 1966—173 p.

ishim valley—alluvium

Prospects and some problems of prospecting methods for hidden alluvial placers in Ishim Valloy A. A. General Iv. An Kazakh SSR Ser. gool mark no 6:03-86 '83

SHIM VALLEY-MANGANESE ORES

Age of the manganese deposits of the Ishim Bend (central hazakhatan). A.I Khibelashvili Vist AN Kazakh SSR 22 no. 19 /5-77 O '66

ISHIM VALLEY-PLACER DEPOSITS

Prospects and some problems of prospecting methods for Modern alluvial placers in Ishim Valley A.A. Gonchar Izv AN Kazakh SSR Ser gool nauk no 6 93-96 '63

The Mostem fast called "uraza," Agitator 31 no 24-45 D '66.

ISLAM-CONTROVERSIAL LITERATURE

Islam and "national traditions," I Bairamov. Agitator 34 no. 24.42-15 D '66 .

ISLAMIC STUDIES

More attention to Soviet Islamic studies! M. V Vagahov, Vop. filos. 20 no 12 172-175 '66

ISMAILZADE, IBRAGIM MAMED OGLY, 1898-1962

In memory of Professor I. M. Ismalizade, M. Gusemov. Azerb, med. 2hu: 10 no. 3:85-87 Mr 163 Vost derm iven 37 no 3:94 Mr 63 Obligaries

recompression in the Polarographic determination of dintirite of avoiso-butytic acid in polymers V N Dmitricva, V.D Bezuglyi. Vysokom bocd 4 no.11 1672-1676 N '62

ROCYANATES

Aniesic copolymerization of phonyl isocyonate with chloral IU, P. Getmanchuk, IU, L. Spirm, R. I. Driagi-teva, Dokl, AN SSSR 171 no. 5 1105-1108 D '66.

kinetics and mechanism underlying reactions of rec-S G. Eutells, O. V. Nesterov Usp, khim 35 no 12 2178-2203 D 66.

Mchanism and kinetics of the reaction of diamines with diisocyanates O. IA Fedutova, I. Selleshi, I. P. Losev Trudy MKHTI no.42-120-125 '63

Studying the Finetics of the reaction of a omatic diamines ath disocyanates N. I. Sh ipchenko, O. IA, Fedotova, I. P. Losev Trudy MKHTI no 12:126-129 [63]

Quantitative determination of Isocyanates. A. P. Grekov, V. V. Shovchenko, K. A. Kornev. Zhur, anal, khim. 21 no. 11:1398-1399 166.

Quantitative determination of cis-isomer in a mixture of cis- and trans- β -(i-aminocyclohevyl) propionic acids it the infrared. Report No. 2: Experiment design in the settimation of criors due to instability of conditions under which analysis was conducted [4, A. Titova, IU I Voluditiskain, Zhui, anal, khim 21 no 11 1363-1366

ISOMERIZATION

Conversions of bridge bicyclic hydrocarbons. Part 5: Isomerization of methylbicyclo[2, 2, 1]heptanes in prescue of aluminum chloride. N. A. Bellkova, A. A. Robyleva, A. F., Plate. Zhur org khum. 2 no.11 2031-2035

ISOMERS

Splitting into mirr or isomers of letramine
FnPyClNIII, BrPtCl, and study of its annidation and
chica cansidation
I, I, Cherninev
T, N, Fedotova, O, N,
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II no, II 2513-2518

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ISOPRENE

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BOTOPE EXCHANGE

Determination of altrogen in titanium by isotope dilution moticol. K. B. O. lova, E. N. Vitoli Zhur, anal, khim. 21 no 10:1263-1266 '66.

ISOTOPES

Quasi-classical calculation of isotopic shifts, V.P. Krainov, M.A. Mikulinskii. 1Ad fiz 4 no. 5:926-935 N '66.

SOTOPES-INDUSTRIAL APPLICATIONS

Prokhorov, G.A. [Botopes in the machinery industry]

Exotopy v mashinostroenti. [Per m*] Permskoc knizhnoc izd-vo, 1983. 36 p. (Molodomu mashinostroitellu)

Steroids. Report No.26: Synthesis of steroido-/17,16d/-isoxazoles. L.I. Klimova, N N Suvorov. Khim. prirod soed no.5:325-333 '66

TROYAZOT JIDINONE

Mechanism of the Interaction of cycloserine and related compounds with aspartic glutamic transaminase M Karpelakii and others Biokhimiia 20 no.2:345-352

ISRACL FOREIGN RELATIONS JORDAN

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ffaly—relations (general) with russia

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ITS. RUDOL'F FERNANDOVICH

Awarding the N. M. Miklinkho-Makiai Prize. Vest. AN SSSR 36 no 12:95 D 466.

IVAN IV, 1530-1584

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IVAN'KOVO RESERVOIR--TEMPERATURE

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IVANO-ARAKHLEYSKIY REGION (CHITA PROVINCE)-FISHES—FOOD

Feeding liabits and reproduction of commercial fishes in lakes of Ivano-Arakhiteyskiy region. G. L. Katasev Izv. Biol., geog. nauch -1541, inst Irk un. 18 no. 1/2 18-17: 1-65.

IVANOV, DMITRII L'VOVICH, 1846-1924

D.L. Ivanov, outstanding geologist and researcher of Central Asia; concerning history of geology of Central Asia, A. S. Uklonskii, Uzb. geol, zlur, 10 no. 5 79-81

IVANOV, IVAN DMITRIEVICH, 1889-1941

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Through the decades. N.V. Bogomolova Vech. sted. shkola 9 no.6;6-8 N-D 186.

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1. P. Skurishin. Vest. vys. shkoly 24 no. 12:46-47 D '00.

IVANOVO-THEATER

Malakovskii advances, E. Elizarova. Testr 24 no. 7:12-44 J1 163,

IVANOVO--VIEWS

[The city of Ivanovo; a photographic album] Gorod Ivanovo; fotoal'bom. [IAroslav!] Volkhne-Volzhskoe knizhnoe izd-vo, 1966. l v. (chiefly illus.) (CSI-il)

JAKARTA-DESCRIPTION
The situation in Indonesia. V. Savchenkov, B. Smirnov.
Nov. vrem. 25 no. 4:6-7 Ja '67.

JAN OTCENASEK, 1924-

The work of Jan Otcenssek. D. M. Fningelerint Uch. zap Kal gos ped inst 43:113:448 45

-ALLIED OCCUPATION, 1945-1952

The reminiscences of MacArthur. B. C Sapozhnikov, V. B. Volontsov. Vop ist. 41 no. 12 66-81 D 166.

JAPAN-ESPIONAGE, RUSSIAN

I egends and real facts about Richard Sorge F Volvov Voen list than 8 no 1276-102 D 66

JAPAN-MOTION PICTURES

Iwasaki, Aklia, [History of Japanese motion pictures. Translated from Japanese] Istorila iaponskogo kino, Moskya, Progress, 1966. 319 p. illus.

JAPAN-POLITICS AND GOVERNMENT

Why was the Japanese parliament dissolved D Petrov. Nov viem. 25 no. 3 11-13 Ja '67,

JAPAN-RUSSIAN LITERATURE-HISTORY AND CRITICISM

The study of Old Russian literature in Japan E. Nakamura - Frudy ODRL, 22 463-468, 466

JAPAN-RUSSIAN LTI ERATURE-STUDY AND TEACHING

The study of Old Russian Riterature in Japan S. Kimura, E. Natramura Trudy ODRI 18:58"-586 '62.

JAPANESE POETRY-HISTORY AND CRITICISM

Songs about love of life, M. Odnoralov, V mire king 6 no 10:36 O 168

JAUNDICE

Diagnosis of rupture of hepatic suppurative echinococcossis into bile duets causing obstructive jaundice. M. M. Tagieva. Khizurgha. 12 no.11.133-135. N. 166

JAWS-DISEASES

Universal month-dilating apparatus for mechanical therapy of the lower jaw A A Akhmedov Azerb med zhur no 7:68-70 Jl '62

JEJUNUM—BLOOD SUPPLY

Local characteristics of the lymphatic and blood vestels of the jejunus and fleurs in men. A Kakharov Arkh anat , gist i emb. 44 no 3-28-47 Mr '63

JEJUNUM-SURGERY

Experimental basis and clinical use of a new method for per for ming cooph gointestinal anastomosis K. N. TS.dannidi Livaper khin i mest 8 no 6:19-23 N-D

JERBOAS-PARASITES see Parasites-Jerboas

JERUSALEM ARTICHOKE

Methods for cultivating root crops. G V. Ustimenko, Z, V Usanova, Trudy Un, druch, nat. 14, Selikhoz, nauki no. 187-91 '66

JET RORING

Devices for measuring pothole diameters of borelinles in jet pleacing S Z Valman. Al Cherkonos Gorzhar no 12 17-50 D 56

Rock classification and efficient placement of borelioles in the meastf during jet plot ring | I N. Ualk, V A, EvenPo-t A Maleev Gor Zhui no 12,33-37 D 466

JET BORING—SAFETY MEASURES see subdivision under Krivoy Rog Basin

Diffect of alkane and cyclane hydrocarbons on the thermal-oxidation stability of jet fuels. E. M. Bushueva. I E. Baspolov. Khim, i tekh, topl i masel. Il. no. 12:44-46 D. 466.

JET PLANES—PILOTING

Involuntary stell into a spin V. Gromov Kryl red 17 no 9:22-23 5 466

JET STREAM see subdivision under Black Sea region

Bottom water intake with jet entoff. G. A. Dablmshell. N. B. Kereselidze Gidr stroi 33 no 7:39-41 Ji '63

Problems of designing sea jetties on shores with pebble beds, A M Zhdanov, Transp. stroi, II no. 12:19 D 161.

JOB ANALYSIS

Some problems in the functional division of workers!

labor in an industrial enterprise. A. D. Kolobov. Izv.,
SO AN SSSR no 0. Scr. obshchestv. nauk no 3 32-37 '66.

JOGAND-PAGES, GABRIEL ANTOINE, 1854-1907 A "novice" of God. IU. Lopusov. V mile knig 6 no. 11:

JOHN, Saint, Apostle-ART

Hlustrations for "The Travels of St. John the Divine" in manuscripts and as independent paintings of the end of the 15th century G V. Popov Trudy ODRL 22, 208-221 '66,

Diagnosis of Johne's disease in teindeer, V. A. Polikar-pov. Veterinatia 43 no. 11:29-32 N 166

From work practices in the eradication of Johne's disease. V. Dorozhko. Veterinariia 43 no. 11; 29 N 166.

JULIA - DLE SES-MICPOBIOLOGY

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JOURNALISM see subdivision under Georgia

JOURNALISTS see subdivision under Khabarovsk Teri itory

JUDAISM-CONTROVERSIAL LITERATURE

Belen'ku, M.S. [Judaism] Judaizm. Moskva, Politizdat, 1966. 237 p. (Biblioteka "Soviemennye religii")

JUDGES see subdivision under Armenia, Grodno

JUNCTION TRANSISTORS

Finishion from n - p-transitions on dijistals of solid colutions of influm phosphade - gallium assende %, N Strets V I Osinskii Doki VV SSR 171 no 2 147-34 % 165

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Optical and temperature dependent quenching of radiation recombination in gallium as sende. A N Sevchenko. V M I omato. V D Trachev. Dok! AN BSSR 10 no 9 641-543 > '66

Photosensitivity spectra of InAs pron-junction in 0 9-5 ev photon ereign region A A Gutkin and others Fizites tels 8 no 7 2044-2047 Jl '66

Senucconductor characteristics of ferroelectric substances, G M Guro, I I hanchik, N F Kostoniuk, Pist, vied Zhur ekster i teoret fiz. 5 no 19-12 Ja 167

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JUNIPAL

ornthesis of source furan analogues of junipal R I Katke-ich, S P Korshunov, L I Vereshchagin Zhur VKHO Il no 6,705-705 '66

JUSTICE, ADMINISTRATION OF

Boldyrcv, V.A. [Soviet courts] Sovetskii sud. Moskva, 10rid, lit-ra, 1966, 108 p.

Current problems in the administration of justice.
P Zavorotiko, D Susio Rad pravo 29 no 12 69-71
D '66.

For the further development of socialist legality and pastile Soss. rakon no. 11.23-30 N '66.

The 49th anniversary of the Great October Revolution.

Sots, 2akon, no. 11:3-5 N 165. let us improve the "style" and methods of the guidance of our courts. A. Orlov. Sov. iust, 30 no. 23:1-2 D 266.

Problem of improving the democratic foundation of Surret justice and the direction of public prosecution, D S Sush. Prayoznavstvo no 1109-115 405.

JUVENILE DELINQUENCY (see also subdivision under Estonia, Poland)

t contein for each parent and all people. Arkadii Vaks-berg Semina shi ola 21 no. 11-24-25 N 166.

Examining the theft of a pedigreed gander. 7. Sabitua Suts Lakon, no 11:76-77 N 166

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Me should amend Regulations on the Committees on Youth, A Kotow, Sots 7akon, no 11 66 N 566
When imposing penalties on minors we should take into

recount the circumstances which contributed to the Leipetration of cruminal offenses. M. Babaev Sov. iust, 30 no 23 13-14 D '66.

Work combined with education 14 an effective way to rehabilitate juvenile delinquents. I. Morganov Sols, zakun no. 11 52-54 N '66.

JUVENILE DELINQUENCY-CASES

Lieutenant Kashkaroya's friends and assistants, III Lak's troy Sov. profesior, 22 no 24 27-28 D '66.

KABAKOV, IVAN DMITRIEVICH, 1891-1937

Romanov, V.IA. Ivan Kabakov, Sverdlovsk, Sredne-Ural'skoe knizimoe izd-vo, 1965. 91 p. (Liudi, sobytilia, gody) (CSI-H)

KABARDINO-BALKAR A.S.S.R.--RELATIONS (GENERAL) WITH NORTH OSSETIA

Ossetian contacts with the Kabardians and Balkars from the 16th through the 18th century M.S. Totory. Izv. Sev. Oset nauch, and inst. 25:131-153 166.

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KAFAN DISTRICT—DICKITE

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KAKHOVKA HYDROELECTRIC POWER STATION

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LAKHOVKA RESERVOIR—CATFISHES

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KALA OIL FIELD-OIL FIELD BRINES

Effect of bottom water on olf recovery from Sub-Kirmaki series of Kala field N. V. Gurleva, H. M. Listengarten, Ch. A. Sultanov - Azerb, neft khoz, 15. no. 12:8-10. D.

KALACH DISTRICT-FARM MANAGEMENT

Develop the sense of responsibility. M. Kolcanikova. Sov profesorav 22 no. 23 11-15 D 166

KALACH DISTRICT-TRADE UNIONS

Develop the sense of responsibility M. Kolesnikova. Sov. profsoius 22 no. 23 14-15 D 166.

KALININ, MIKHAIL IVANOVICH, 1875-1946

Rozyrev, A. I. [M. I. Kalinin in Chelyabinsk Province, 1920, 1921, and 1933] M. I. Kalinin v Cheliabinskol oblasti, 1920, 1921, 1933 gody. Cheliabinsk, IUzhno-Ural'skoe kalzhaoe izd-vo, 1960, 32 p. (CSt-H)

KALININ, MIKHAIL IVANOVICH, 1875-1946---BIB--LIOGRAPHY see Bibliography---Kalinin, Mikhail Ivanovich, 1875-1946

KALININ-APARTMENT HOUSES-DESIGN AND CON-STRUCTION

Large-panel house from gas-lime concrete. I. Sukhichev, R. Felgina Na stroi Ros 4 no 10:25-27 O '03.

KALININ-GRAIN ELEVATORS

Reconstruction of ventilating installations at alevators of the Kalinin Milling Combine. O. Gopp, T. Ezhova Muk -elev prem 32 no 11,18 N '66

KALININ-PRINTING INDUSTRY

Planning at the Kalinin Combine T. Kolomeitseva. Poligr. proize, no 9 26 S 163,

KALMYK LANGUAGE-MORPHOLOGY

Badmaev, B.B. [Grammar of the Kalmyk language, morphology] Grammatika kalmytskogo iazyka; morfologila, Okv.1ed. B. K. Pashkov. Elista, Kalmytskoe knizhnoe izd-vo, 1966, 112 p.

(NNC)

KALUGA—CONSTRUCTION INDUSTRY

We bring happiness to people. A. N. Zakharova, Transp. strot. 11 no. 11:3 N '61

KALUGA PROVINCE---MOOSE

Moose mating and its use in consusting and limiting, A. Rykavskii. Biot. I prom tosta no. 2381-89 497

Water distribution of moose in hunting grounds of Vladiotic and Kalaga Province (* 124) P. Pivos et al. (*) Biol. 1 prom. Joala (m. 2016-11) 1977.

KALUGA PROVINCE-SOCIAL GROUP WORK

Under the red bonner. E. Nikitina. Agricular post 15-19. Ag 162

KAMA VALLEY-GEOLOGY, STRATIGRAPHE

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KAMA VALLEY—PALYNOLOGY

Some data on aport spollen complexes of Junatule sea dane data on apart pointer, complexes of an extension of Glacovskiya synce the AA A Gensalmova, V. P. Neboshchikov Nauch Unel, Persa politekh inst. no 12-15-18 pt 1 '62'

KAMA VALLEY—RUNOFF

Character latter of atmospheric prenauce and chieffeld in your with abnormalities in the water simple of the Kama, Pechora, and Vycheghi litizate 1 A 2464 bevich Vent Mask in Sn. 5 Geog. 21 mc to 33.00. N-D 466

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KAMCHATKA-CESTODA

Cestodes from grebes and looms of Konteharko (f. 2). Spanskala, Paraz, zlity, trant, no. 1319-110 (n. 1

KAMCHATKA-CODFISH

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KAMCHATKA—DIATOMS, FOSSII.

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KAMCHATKA-ELECTRIC POWER PLANTS

First geothermal electric power plant. P. Sabara v. I., Pitchkin. Na. Stroi, Ros. 7, no. 11:10, N. 166.

Kamchatka—Fishes, Freshwater

Zoogeography of freshwater fishes of Kamelintka. † I Kurenkov. Vop goog Rameli no. 3:25-34 (20)

KAMCHATKA—FOREST ECOLOGY

Effect of volcante ashfalls on the forests of central Kamehatka V. A. Shamshin Von goog Kameh

KAMCHATKA-GEOGRAPHICAL RESEARCH

History of regional studies in Kamehatka. I A [Arc. 1-kava. Vop geog Kameh no 3:118-119 455

KAMCHATKA-GEOGRAPHICAL SOCIETIES

Kamehatka Section of the Geographical Society of the U.S. S. R. in 1984 V. N Vinogradov Vop. geog. Ranch no 3:131-192 '65

KAMCHATKA-GEOLOGY, STRATIGRAPHIC

Age of the Alnay sories in the south of Romehalla V 9. Sheimovich, V. T. Khromov, V. M. Giedikova Vop-geog Kameh no 3:101-104 '65

KAMCHATKA-GEYSERS

The Cossack tale of 1707 on the Kamchatka geysere and Klynchevskiy Volcano B P. Polevol Von geog Kameh. no 3:110-122 '65

KAMCHATKA-GLACIAL EPOCH

Some characteristics of the last glaciation of Kanci. 1134 O. A. Braitseva. Vop. geog Kamch no 3:67-73 '65

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KAMCHATKA---PARASITES---GREBES

Cestodes from grebes and loons of Lamehatka, L. P. Spasskara, Paraz, zhiv, 1 rast mo, 1 110-130 (6)

KAMCHATKA-PARASITES-LOONS

Cestodes from grobes and loons of Kamchatka, 1, P. Spasskaia Paraz zhiv, i rast mp. 1 119-130 '65.

KAMCHATKA-RADIOBROADCASTING

On two chairs? S. Chekalin, Sov. radio i tel. 12 no. 5: 29-30 My 163,

KAMCHATKA-RIVERS

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KAMCHATKA-SALMON

Rivers of Kamehatka and their role in the reproduction of salmon P. M. Krokhin Vop geog Kameh no 3; 17-24 '65

KAMCHATKA-TELEVISION

On two chairs? S. Chekalin, Sov. radio 1 tel. 12 no.5; 20-30 My 163

KAMCHATKA-VOLCANIC ASH, TUFF, ETC.

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KAMCHATKA RIVER-SOCKEYE SALMON

As abach, the sockeye salmon of the Kamchatka River A. G. Ostroumov Vop.geog Kamch no 3,35-41 '65

KAMCHATKA VALLEY-GOITER

Distribution of endemic goiter in residents of the Kam-chatke River volley, M. I.Balebolkin, Sh. A. Nabokov Probl. endok.t gorm. 9 no. 1:103-105 Ja-F 163

KAMCHATKA IN LITERATURE AND ART

Storica of Kamchatka, V.Stetsenko. V mire knig 6 no. 12:21 D '68.

KAMENETS-PODOL'SKIY-SEEDS

Remenets-Podol'skil botantcheskil sad. [List of seeds proposed for övenange by the Kamenets-Podol'skiy Botanteal Garden, 1964] Spisok semian, predlagaemykh v obmen Kamenets-Podol'skim botanicheskim sadom 1964. Delectus seminum quae Hortus Botanicus in Kamenetz-Podolskij pro mutua commutatione offert 1964. Kamenets-Podol'skii, 1965. 23 p. (Parallel texts in Latin and Russian

[DNAL MICROFILM]

KAMYSHIN (VOLOGRAD PROVINCE)-INDUSTRIES

The Kamyehin industrial center. I I. Panin, Z. A. Kazhdan. Uch.zep.Volg.gos.ped.inst. no.10.70-98 '64.

KAMYSHLDZHA CONDENSATE OIL FIELD

Studying the condensate of the Kamyshidza field. S. T. Molselkov, V S. Tolstonov, L. P. Proskurin Izy AN Turk, SSR, Ser fiz, -tekh, khim, i geol nauk no. 4:108-

KAOLINITE

Fifeet of ultrasonic vibrations on structure-forming processes of aqueous dispersions of kaolinite treated with sodium silicate, V. V. Minchenko, S. P. Nichiporenko, N. N. Kuglitskii, Ukr. khim zhui. 32 no. 12. 1302 - 1305 466

KARA-BOGAZ-GOL (GULF)—SAND
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KARA-KALPAK A.S.S.R.—ATHEISM

The "chief atheist" of a republic. E. Pamirov. Agitator 34 no. 23:45 D 166

KARA-KALPAK A.S.S.R.-HISTORY

Incorporation of the Kara-Kapak A.S.S.R. into the Uzbek S.S.R. and the enactment of its Constitution. L. M. Akhundzhanov. Trudy TashGU no. 282-87-94 '66.

KARA KUM-CANALS

Channeling processes in the Kara Kum Canal S. 3. Annacy Izv AN Turk SSR Ser fiz -tchh ,khim i geol nauk no 5 63-68 '62

Channeling processes in the sandy section of the Kara-Kum Canal S A Annaev Izv AN Turk, SSR Ser fiz-tekh , khim i geol nauk no. 642-18 162.

KARA KUM-CONDENSATE OIL WELLS

Hydrocation composition of condensates in the Kata Kum gas field S.R. Surgienko and others. 17v AN Turk SSR Ser, fiz -tekh , Phim | gcol naul no 5 26-33 *62

KARA KUM-FORAMINIFERA, FOSSIL

Foraminilera of Cretaccous and Paleogene Loundary layers in the central and trans-Ungur Kara Kum M A. Tkachuk, G.I. Chirva Izv. AN Turk SSR, Ser fiz. - tekh, khim i geol, nuk no 6 80-63 '62.

KARA KUM-GEOLOGY, STRATIGRAPHIC

Hydrogeological characteristics of the Mesozoic deposits of the central part of the Kara Kum G. A. Gabrielianis, L.G. Sokolovakir – Izv. AN Turk SSR Seri. fiz -tekh , khim i geol nauk no 5 88-94 *62

Jurasaic deposits of the central part of the Kara kura, G A. Gabi feliants. Izv AN Turk, SSR Ser fiz, - telh , khim I geol nauk no 4-88-91 '62,

KARA KUM---PALYNOLOGY

Spore-pollen complexes in the Upper Cretaceous sedi-ments of the central Kara kum, Z V. Markhageva I AN Turk, SSR, Scr. (tz. -tekh., khim i geol nauk no 5 122-123 162,

KARA KUM-PROSPECTING-GEOPHYSICAL METHODS

Application of incomplete observation systems by the correlation method of wave refraction in the central and southenstein Kaia Kum A.E. Starobinets Izv AN Turk SSR. Ser. fiz. -tokh., khim i geol nauk

KARA KUM-WATER, UNDERGROUND

Origin and formation of the tenses of fresh and weakly mineralized ground waters in the central Kara Kum, N.K. Kul'drhaev 1/v AN Turk, S9R, Ser fiz -terh., khim i geol, nauk no 6:04-105 '02

Some prospecting indications of the lenses of fresh ground waters in the central Kara Kum, N. k. Kul'dzhaev Lv AN Turk, SSR, Ser, fiz, -tekh, .khim, i geol nauk no 6-106-111 '62,

KARA SEA---ICE

Method of calculation of some hydrologic elements of surface layer of sea in autumn period 10 P. Doronin, A V Smetannikova Trudy AANII 277-108-127 166.

KARACHAY-CHERKESS AUTONOMOUS PROVINCE-IRRIGATION

Kalmykov, G.T., and V.K. Filipenko. [The transformed land, ekeithes on the Karachay - Cherkess Autonomous Province] Preoblazheunala zemlia, ocherki o Karachaevo-Cherkesit, Cherkessk, Stavropol'skoe knizhnoe izd-vo, 1986, 36 p.

KARACHUKHUR OIL FIELD-OIL FIELD FLOODING

Espediency of pumping untreated seawater into layers of Surakhany and Karachukhur oil fields. K. A. Karapelov, V A Gilovian, R I Medvedskii, Nefteprom. delo no. 12:11-15 | 66,

KARAGANDA BASIN-COAL

Influence of temporature conditions in coking Karaganda coals upon operation of biast furnaces. I. M. Glushchen-ke and others. Koks I khim. no. 12:15-19 46

KARAGANDA BASIN-COAL MINES AND MINING

Influence of mining depth upon deformations of develop-ment workings in coal mines of Karagonda Basin. A.O. Sproge, I.L. Rudot. Ugol 41 no.12;20-31 D '03.

KARAGANDA BASIN-COAL MINES AND MINING LABOR PRODUCTIVITY

A new world record. N. A. Sheviakov and others. Ugol' 41 no. 12:22-24 D '66.

KARAGANDA BASIN---COAL PREPARATION PLANTS-EQUIPMENT AND SUPPLIES

Experience in the operation of tubular dipersat the Conf-Pieparation Plant No. 105 of Karaganda Basti. T. A. TSurkan, V. F. Popenko, B. V. Ivanov. Ugoli 41 no. 12 58-61 D 466.

KARAGANDA BASIN-CONCRETE CONSTRUCTION-MAINTENANCE AND REPAIR

Experience in using BM-60 pneumatic concrete mixers for mine shaft repairs. G. N. Zhilin, G.G. Ponomarenko, A.A. Karpenko. Shaklit, stroi 10 no ii:23-24

Electrophoretic picture of the serum proteins of Karakut sheep. N. Kh. Mekhtiey. Veterinarita 43 no. 12:65-68 D '66.

KARAMAZAR MOUNTAINS-MAGNESIUM SILICATES

Magnesium hydrositicate in the Drhangalyk skarn-comngureau nyu santuane ni the Driangalsk skara-con-ple, metal deposits (western Friamszu Mountains) M.Z. Kantor – Izv vys ucheb zav, geol, i ravs – 6 no 6 69-76 ne 163

KARAMZIN, NIKOLAI MIKHAILOVICH, 1766-1826

Faramzin, N. Kochetkova, Vinhe tnig 6 no. 10 95-91

Karam'in and Russian book publishing V. Beztiazychia'i Kuizh torg 17 no 12 33 D '66 N. M. Karamzia and the "Lay of the host of Igor". L. A Dialiney Trudy ODRL 18 18-19 162.

Reviews of N. M. Karamzin's "lifstory of the Russian state" in the "Vestnik," a periodical published by M. T. Kachenovskii, J. A. Rudriaytsev, Trady MC1A1 22:311-219 '65.

KARASIK, VLADIMIR MOISEEVICH, 1894-1964

Vladnoh Moisec ich Karasik Trudy I PMI no 35 5-

KARATAU-ROCKS, CARBONATE

Effect of tectonic conditions on the formation of l'aniennian cal bonate sediments in the Bircset-Bayaldy 1 pegion of the karatau (southern Kazakhstan) 1/2 vy ucheb zav, geol, i 122 6 no 1 39-50 Jz '63

KARELIA-BIBLIOGRAPHY

Takala, E.I., comp. [Know your country; annotated index of literature for teachers of Kareilan schools] Znar svot krat, annoth ovannyl ukazatel! literatur y v pomoshch uchiteliam sikol Kareili. Petrozavodsk [Kareil-skon kristner kristal 1868 | 85 | skoe knizhnee Izd-vo] 1966 65 p.

KARELIA-MANUSCRIPTS

Archival expedition in Murmansk Province and the Karelian A S S.R. in the summer of 1960. I A Dmittley, A.I Kopanev, Trudy ODRI 18:112-119 W.J.

KARELIA-STONE AGE

Sandormokha, a burial ground of the Neolithic periol, G. A. Pankrushev. Sov. at kheal 10 no. 1:160-108 (66).

KARELIA-WHITEFISHES

Large Karelian whitefish B Saltup Ryb khoz 12 no. 11:37-38 466

KARST

(see also subdivision under Altai Mountains, Crimean Mountains, Iolgo Rango; Ukraine)
Combating karst deformations, A.P. Molibozhko, V.A. Modyedev, Put'i put, kloz. Jo no, 8 31 '66.
Development of gypsuan karst. K.A. Gorbunova, Nauch trudy Perm politekh inst no 12:73-79 pt 1 162

KARST-CLASSIFICATION

Classification of karst according to external features G. A. Maksimovich Nauch trudy Perm politekh inst no 12;61-72 pt 1 '62.

KARYOKINESIS

Autoradiographic study of mitatic cycle in normal fibroblast culture of mice. 1., V Erofeeva 8 no. 5:609-615 S-O '60 TSitologlia

Study of cell cycle in transplantable ascitic tumor (strain OJa) of rate R.S. Barkan, V 1. Levin TSitologita 8 no 5:615-621 S-O '66,

KATANOV, NIKOLAI FEDOROVICH, 1862-1922

Centenary of N. F. Katanov's birth. 1862-1982 P. A. Troiskoy and others. Uch zap. Tuv nauch -isal inst inz . lit i ist no 10:211-235 '63

KATATONIA see Catatonia

KATYUZHANKA (UKRAINE)---PARACHUTING

Rural parachutista. A. Vinckurov Kryl red 17 no 9; 20-21 S 166

KAUNAS DETRICT-LAND

Preserve the land V Kivilsa Zemledelie 28 no 11:

KAZAKHSTAN-AGRICULTURAL CREDIT

Some problems of practice in issuing credit to state farms, A. Vdovichenko Den i kied, 21 no. 12.50-54

KHAZAKHSTAN-AGRICULTURE

We devote to thee, our party, our thoughts and our deeds! K. Egizbaev, Mol. komm., no. 11:62-72 N *61.

KAZAKHSTAN—ALUMINUM SILICATES

Kinetics of interaction in the system K₂O - Na₂O - Al₂O₃ - SiO₂ - Il₂O. G. L. Petekhrest, L. P. Ni, V. D. Ponomarev, Trudy Inst. mel, i olog, AN Kazakii SSR 18:18-23 '66.

Kinctics of interaction in the system Na₂O - Al₂O₃ - SiO₂ - H₂O. L. P. Ni, G. L. Potekhrest, V. D. Ponomarev. Trudy inst. met. I obog. AN Kazakh. SSR 16:3-17 166.

KAZAKHSTAN-ALUMINUM SILICATES (Continued)

Kinetics of interaction of the stable form of sedum aluminosificate hydrate with alvali and high-module aluminate solutions. I. P. Ni. I. G. Romanov, E. F. Oshova, Trudy Inst. met. Loboy AN Karash SSR 16-24-29, 166.

KAZAKJISTAN—ANTIQUITIES

Akademia nauk URSR. Institut hikhcologit. [Andronovo culture, in three parts] Andronovskana kul'tura, v trekh vypuskakh Moskva, Nauka (Arkhcologita SSSR, sved alkhcologita eskik istochnakov, no. v 3-2)
No. 1. [Monuments of the western regions] Pamlatniki zapadnykh rajonov 1985. 62 p. illus

KAZAKHSTAN-APPLE

Kalseiko, A.N. [Breeding apple trees in Kazakhstan] Selektsha fabioni v Kazakhstane. Alma-Ata, Kalnar, 1985, 206 p. (CU)

KAZAKHSTAN-ASH (TECHNOLOGY)-ANALYSIS

Ustracting alumina from nakes of Estimatus couldy bydischanical methods, 1 G Romanov and others. Ludy last met, I obog, AN Facarb SSR 16 118-121 166

KAZAKHSTAN-BAUXITE-ANALYSIS

Studying variation distribution in processing high-silicon bandies by the Bayer - hydronic fallingly process V. Z. Larancinko and others. Trudy last met Tobog AN Kazakh 88R 16:122-196 166,

KAZAKHSTAN-BORATES

Padogenetic borales from Kazakhsian, A.P. Hsitsyn, S.V. Malinko, M.A. Panova Min, syrte no. 11, 107-175-106,

KAZAKHSTAN-BORING

Work of a brigade of communist labor. L. M. Kullkov Razv f okhr nedr 20 no 346-17 Mr 463

KAZAKIISTAN-BRUCELLOSIS-ECONOMIC ASPECTS

Deconomic losses on farms afflicted with brucellosis B.S. Zimov'ev Veterinaria 13 no 1 36-38 Ja '67,

KAZAKHSTAN--CALCRIM SODIUM SILICATES

Solubility of calcium andium hydrosilicates in alkali and aluminate solutions. L. P. Ni, U.G. Romanov, P. P. Osipova, Trudy last met, i obog, 3N kazakh SSR 16 u3-r9 163

KAZAKHSTAN—CITY PLANNING

Planning and construction of micro districts in southern cities of Kazakhstan V Lapin Arkhit SSSR no 7:12-

KAZAKHSTAN-COAL MINES AND MINING-EQUIPMENT AND SUPPLIES

Mechanization and automation of industrial processes in Kazakhetan open-pit coal mines. S. V. Khokhiachev Ugal! 11 no. 12 13-15 D '06.

KAZAKHSTAN—COAL MINES AND MENING—LABOR PRODUCTIVITY

Coal Industry of Kazakhetan in the new five-year plan, P.M. Truckin Ugot 11 no. 12 1-4 D 166,

KAZAKHSTAN-CONSTRUCTION INDUSTRY

Use resources for residential construction in Kazakhstan more efficiently. V. Putintsev, F Singiber. Zhil stroit no. 10,2-1 '66,

KAZAKHSTAN—CONSTRUCTION INDUSTRY—COSTS

Amstibovitskit, M.A. [Potentialities of reducing con-struction costs] Rezervy snizhenila stolmosti stroitel'-stva. Alma-Ata, Kazakhskoe gos. Izd-vo, 1984. 108 p.

KAZAKISTAN-DECORATION AND ORNAMENT

Works of Kazakistan "monumentalists," F. Rassokhin, Iskusatyo 29 no. 11:20-25 (66,

KAZAKHSTAN—DESCRIPTION AND TRAVEL

Matskevich, O.V. [A path across the century] Doroga chorez stoletic. Alma-Ata, "Razakhstan," 1966, 216 p.

KAZAKHSTAN—DISTILLING INDUSTRIES

Pulfillment ahead of time of the assumed obligations. 1. Marchanko. Spirt, prom. 28 no. 4:43 '62.

KAZAKHSTAN-ECONOMIC CONDITIONS

Powerful "breathing" of our steppes. M. Belsebaev. Agitator 34 no. 24:10-23 D *66.

KAZAKHSTAN—ELECTRICITY IN AGRICULTURE

RAZARISTAN—Elisc TRACH I B Addition from getiki.

[Scientific principles of the power supply system of agitculture in Kurakhstan | Nauchnye osnovy energosnabzhenia sci'skogo khoziaistva Kazakhstana | [by] Sh.Ch.
Chokin i dr. Alma-Ata, Nauka, 1906. 226 p

KAZAKHSTAN-FEEDS

[Feed production in northern Kazakhatan and Western Siberia] Kormprofzvodstvo v Sovernom Kazakhstane i Zapadnoi Sibiri. Moskva, [Kolos] 1966. 399 p. (DNAL)

KAZAKHSTAN—FERROMANGANESE

Mineralogy of iron-manganese in the Dahm mart deposit. M. M Karupova Izy Ari Kazakh SSR Ser geol nauk no 6:37-80 '63

KAZAKHSTAN-GEOCHEMISTRY

Landform-geochemical characteristics of southeastern Kazakhstan A Frinckhaev, N.V Spisskii K.Berembe-kov Izv AN Kazakh SSR Ser, geol 23 no 5 69-71

KAZAKHSTAN-GEOLOGY, STRATIGRAPHIC

Principles of construction of unitied stratigraphic scale of Upper Deconian and Lower Cathonfer one of central Lazal-batan A M Sadykov Izv AN Kazakh S5R Sergeol 23 no 512-26 S-O 166

KAZAKHSTAN-GEOLOGY, STRUCTURAL

Geology of Beltauata granite massif (central Karathstan), G D Acron and others Sov gool 9 no 11 92-102 N *66

Structural formation zones of the Atasu-Ortau-Karkara-Imak area (central Kuzakhstun) V V Davidenko Vest AN Kasakh SSR 22 no. 12 64-67 D *66

cocomes and thu atteristics of distribution of granitold plutons in no theastern was gin of Chingle-Parbogato, meganticlinorium V, I Titov, G, P, Nakhugali, A, P Enmolenko Izv AN Kazakh SSR Ser geol 23 no. 5 3-11 S-O '666, Tectories and that actualities of distribution of granifold

KAZAKHSTAN-GNEISS

Granite-gneiss formation in vestern part of central Kazakhstan. (a.G. Pavlora, Biel MOIP, Old. geol. il no i 120-128 "Il- ig 156

KAZAKHSTAN—GRANITE

Geology of Bekiauata granite massif (central Kazakistan), G D Aeroy and others. Sov geol. 9, no 11 92-102 N 166

KAZAKIISTAN—IEATING

Kazallekii nauchno-issiedovatel'skii institut energetiki.

[Scientific pr meiples of the power supply system of agriculture in Kazakhstan] Nauchnve osnov energosublzhenila sel'skogo khoziaistva Kazakhstana [By] Sh.Ch Chokin i dr Alma-Ata, Nauka, 1966. 228 p

KAZAKIISTAN—HISTORY

Commercial contacts of the Kazakhs with Central Asia and Russia in the 18th century V.S. Batrakov, Nuuch trady TashGU no 281;11-24 186.

Let me reestablish the truth. A P Kuchkin. Vop 1st. 11 no. 12:107-199. D. 166

Tui sunhaev, Abde [Friumph of the ideas of proletarian internationalism in Kazakhstan] Torzhestvo ideo proletarskogo internationalizma v Kazakhstane. Alma-Ata, "Kazakhstan," 1063 247 p. (CSt-H)

KAZAKHSTAN—INDUSTRIES

We devote to thee, our party, our thoughts and our deeds] K.Egizbaev Mol.komm. no.1162-72 N '61.

KAZAKHSTAN-LABOR AND LABORING CLASSES

Nusupbekov, A.N. [Formation and development of the Sovict laboring class in Kazakhstan, 1917-1940] Formi-iovante i navitite sovetskogo i abochego klassa v Kazakh-stane (1917-1940 gg.). Alma-Ata, Nauka, 1966. 241 p.

KAZAKHSTAN-LANDFORMS

Landform-geochemical characteristics of southeastern Kazakhsian, A. Frinckboov N. V. Spasskii, K. Beltmbe-kov Izv. AN Kazakh SSR. Ser., god 23 no 5 69-71 S-O 166

KAZAKHSTAN—MINERALOGY

Mineralogy of iron-manganese in the Dzhurmart deposit. M. M. Kalupova. Izv AN Kazakh SSR, Ser gool nauk no. 6:57-80 '63.

KAZAKHSTAN—NATIONALITIES

The Russian working class and the development of the national republics of Central Asia and Kazakhstan, A. Bogutdinov, A. Vishnevskii Kommunist 43 no.2; 11-25 F '67,

KAZAKHSTAN-ORE DEPOSITS

Hypogene changes to red in hydrothermal deposits, G.E., Narvatt. Izv AN Kazakh SSR. Ser geol 23 no 5 27-38 S-O '66

KAZAKHSTAN-PALEONTOLOGY, STRATIGRAPHIC

Akadeniia nauk SSSR. Odelenie nauk o Zemle. Oddel monografichesikih kollekisti. [Continental Upper Paleo-zole and Mesozole of Siberia and central Kazakhstan; biostratigraphy and paleontology] Kontinental'nyi yerkh-nii paleozol i mezozol Sibiri i Tšentral'nogo Kazakh-stana, biostratigrafiia i paleontologiia. Moskva, Nauka, 1968. 182 p. illus.

KAZAKIISTAN—PLANT BREEDING

Medioration of land and field crop by seding in northern Kazakhatan, V. P. Kuz'min, Sel'khoz, biol, 1 no. 6: 790-786 '66,

KAZAKHSTAN-PLANTS, CULTIVATED-DISEASES AND PESTS

Kazenas, L.D. [Diseases of the agricultural plants of Kazakhstan] Bolezni sel'skokhoziaistvemykh rastenii Kazakhstana. [Alma-Ata] Kainar, 1985. 345 p.

KAZAKHSTAN--PRECIPITATION (METEOROLOGY)

Some characteristics of precipitation in connection with clouds of various forms during May-June in notine in Karakistan G I Osipota Friedy GGO no 186-63-

KAZAKHSTAN—PROSPECTING

or ganization of the broad revision-evaluation and prospecting "orks for from manageness and zinc-load-hands o es in the Uspenskoya ore belt. K. L. Satpaev, G. N. Shehdira, V. G. L. L. L. Z. A. N. Kazakh SSR. Ser geol mank no 6-30-33 153

KAZAKHSTAN-RAI LROADS-DESIGN AND CONSTRUC-

Laying second tracks with reinforced concrete crossiles on the Chu-Badam line G I Novozbilov, A D Zhigin, D V. Mutovin, Transp strop II no 42 9-11 D 461

KAZAKHSTAN-RICE-RRIGATION

Improve water supply engineering. L khvan Zemledelie 28 no 12 27-29 D 166

KAZAKHSTAN-ROAD CONSTRUCTION

During the years of the seven-year plan in Karakhatan. L. Goncharov Avt do: 29 no 11 6 N 166 Moscow Highway Institute at construction sites in Ka. akhstan M Mironov, Avt dor 29 no h 3 of Karakhstan 1 cover N 66,

KAZAKHSTAN-ROCKS-ELECTRIC PROPERTIES

Electric conductivity of Kazakhstan rocks at high temper atures, E I, Parkhomenko, A A Berezutskain, B Urazacv, Trudy Inst. fiz Zem. no. 47 180-191 '66.

KAZAKHSTAN-ROCKS-TESTING

Longitudinal wave velocities under high hydrostatic pressures in specimens of metamorphic and sedimen tary tocks of central Kazakhstan, MIP Volatovich and others—Irudy Inst fiz Zem. no 37:52-60 toc.

KAZAKHSTAN-ROCKS, IGNEOUS

Tectonics and characteristics of distribution of granifold plutons in northeastern margin of Chingtz-Tarbagatay meganticlinorium V.I. Titov G. P. NakhtigaP. A. P. Frimolenko, Izv AN Kazakh SSR, Ser geol 23 no 5 3-

KAZAKIISTAN—ROCKS, IGNEOUS—TESTING

Longitudinal wave velocities in intrusive rock specimens of Central Kazakhstan under hydrostatic pressures M. P. Volarovich and others. Trudy Inst fiz Zem no. 37 46-51 '66.

KAZAKHSTAN-RUNOFF

Measures for controlling mudflows in Kazakistan. S.P., Knyetskii. Trudy Kaz NIGMI no 3:3:10 154

KAZAKHSTAN—SKIN—CANCER

Cancer of the skin of the extremities in Kazakhatan, N.1' Kramchaninova, Vop. onk. 12 no 11:125 '86

KAZAKHSTAN-SNOW

Calculation and prognosis of the disappearance of snow cover under conditions of the Kazakhstan Plain V. I. Korovin Trudy KazNIGMI no 3:11-10 154.

KAZAKHSTAN—SOCIAL SCIENCE RESEARCH

Marxist-Leninist social science as the vital basis of the socialist system S. Baishey Vest AN Kazakh. SSR 19 no 1:28-47 Ja '63.

KAZAKHSTAN-SODALITE-SPECTRA

Alkali sodalites. G. L. Perckhrest, O. B. khaliapina, L. F. Ni, Trudy Inst. met. I obog AN Kazakh SSR 16; 82-87 100,

KAZAKHSTAN—SUGAR BEETS—DIBEASES AND PESTS

Sugar beet tortoise beetle E. Matis. Zashch rast, il no 12 28 166.

KAZAKHSTAN—SUGAR BEETS—IRRIGATION

Irrigation cycles for sugar beets in Kazakhstan G. Bitashev, U. D. Darimbetov, Vest AN Kazakh, SSR 22 no 12 3-13 D 466.

KAZAKHSTAN-TELEVISION

Forming creative units. Sov. radio i tel. 12 no. 5:10-12 My '63,

KAZAKHSTAN-TILLAGE

Stubble fields and stubble strips, S.S. Sdobnikov, V.G. Tkachenko, Zemledelie 28 no. 10:30-33 O 166

KAZAKHSTAN—TRADE UNIONS

Master the art of organization. Sov. profsoiuzy 22 no. 24:14-15 D '66,

KAZAN—AESTHETICS—STUDY AND TEACHING

When there is a concern for acethetic education V Karthagina Nation no 12 16-19 D hab

KAZAN—HARBOR—MANAGEMENT

In the Board of the Ministry of the River Fleet. Rech transp 25 no 12:53 %,

KAZAN-LONGSHOREMEN

Mixed brigade of the port of Kazan M. Terent'ev, A Belov Rech transp 21 no 7 56 JI 162

KAZIM, MUHAMMAD, b. 1721

Some data on Turkmenistan during the first quarter of the 18th century as described by Muhammad Kazim, O. tmantrey. Izv. All Purk. SSR Ser. ob hebest mand to 4:30-38 '66.

KELLI, NIKOLAI GEORGIEVICH, 1883-

V G Zdanovich and others 170, tys ucheb zav, geod, raerof no 1113-115 163

KELVIN, WILLIAM THOMSON, BARON, 1824-1907 Honesty without feat. G. Smitnov, Izobi, trats. no. 12, 28-32 466.

KELYAT RANGE-FORAMINIFERA, FOSSIL

f Ange Foraminifera from the Paloagene sediments of the Kelyat Roge, A.P. Illina, Izv AN Turk SSR, Sei fiz. -tePh, khim i gool mark no 1,97-105 662

KE MEROVO PROVINCE-AUDITING AND INSPECTION Organization of economics seminars. N Sheglov, Vest stat no.12 48-51 466

KEMEROVO REGION—ENCEPHALITIS VIRUSES

Identification of the virus of Lemonovo lick-horne feven. Evidence of the antigenic independence of this virua M P Chamarov and others. Vop. etrus. 8 no. 1 110-444 J1-Ag to3.

KENES-ANARKHAY-SOILS, SALTS IN

So seemd dynamics of salts in irrigating soils in Kenes-Amerikany with minerall, ed waters S. D. Mikhallov Lev Kir fil Vees ob-va pochy no 2,31-15 [63]

KE PINOV, GRIGORII IVANOVICH, 1886-1966 G. I. Kepino". Iskussivo 29 no. 11-80 '86.

SERAMER

Using form soils of Tomsk Province for making keramali, A V Petrov 122, 224, uchehology strate transfer in A V Petrov Izv. vys. ucheb av , strof. i or khit. 4 no 9 57-61 66.

KERCH-CRIME PREVENTION

Crime prevention is the problem of the utmost impor-tance. O Mythallenko, Rad pravo 29 no 12 12-44

KERCH PENINSULA-ARMS AND ARMOR, GREEK

A halmet from Nymphaeum. E. V. Chernenko. Sov. at kheal 10 no. 4-194-196 '66.

KERCH PENINSULA-BONE IMPLEMENTS

A bil attachment from hone found in the settlement of Kamenka near Kerch. V. D. Rybatava. Sov at sheet. 10 no. 1:178-181 '66.

Obtaining figuld of tine from a kerosine fraction of Dollan oil. B. S. Grinenko, M. M. Prokopets. Neft i gaz. prom. no. 1/51-50 Ja-M: 163.

KETOGLUTARIC DEHYDROGENASE

Liffert of Imidazole compounds on α-ketoglutarie dehydro-genase iz om pigeon breast must le V. S. Gornazkova Biokhimita 31 no 6·1142-1149 N-D '66

KETONES

Determination of ketone content of commercial ionone, E. N. Novikova, T. N. Korchagina, A.B. Skyortsova Trudy VMISMOV no 7 190-192 165.

Formation of symmetric diaminoketones by action of acetic anhydride on acctyl-N-methylaminoacids. R S Sagitullin, T V. Kotomelli, A. N. Kost. Ehim. prirod, word. no. 5.344-318 466.

Gas chromalography of some bicyclic keiones A.S. Leshchiner, T.A. Rudolffi, Trady VNISNDV no. 7:185-

Interaction of metallic derivatives of compounds having mobile hydrogen atom with α-haloketones Reaction of α-haloketones with Na-malononity ite. T. I. Termikov, IU. A. Sharanin, Zhur org khim 2 no ll 2018-2020 N 165.

Macrocyclic compounds. Part & Synthesis of macrocyclic ketones. C. P. Zinkevich, L.K. Sarycheva, N. A. Preobiazhenskii. Zhur, org khim 2 no.11 2026-2028 N

Synthesis of cyclohevyl aryl ketones. A. N. Niiazov, Kh. Habaeva. Izv. AN Turk, SSR, Ser. fiz. -tekh., khim. I geol. nauk no. 2-106-100 'bl.

Unsaturated aldehydes and ketones as raw materials for polymers N. f. Popova Plast, massy no. 12 69-71 '66

KETONES-SPECTRA

Calculations based on the MO LCAO incthod and electronic spectra of amon form, of unsubstituted and 2-phenyl substituted 1, 3-difetence 12 IV Gren, G IV Vanag Zhurong khum 2 no 111911-1916 N 166

KHABARNYY REGION (URAL MOUNTAINS)-ORE

Certain characteristics of the morphology of ore bodies and one to three of the Maharmy, chromite deposit G.O. Kravchenko. Grob and mestorozh. B. no. 6-33-65. N.D. G.

KHABAROVSK TERRIFORY-JOURNALISTS

The union of pen and microphone, V. Papin, V. Papov, Sov radio 1 tel. 12 no. 5 24 My 163.

KHABAROVSK TERRITORY—RADIO IN THE CONSTRUCTION

We are unproving central control services. V. Ranaev. Na. Stroi Ros. 7 no. 11-9 N '56.

KHABAROVSK TERRITORY-REMOTE CONTROL

We are improving central control services. V. Kanaev. Na. Stroi. Ros. 7 no. 11.9 N '66.

KHAKASS AUTONOMOUS PROVINCE-LUMBERING

Bobrovnik, V.L. [Lumbering industry in Khakassia] Lesnata promyshlennost' Khakasli. Abakan, Khakasskoe knizhnoe izd-vo, 1964. 75 p.

KHAKASS AUTONOMOUS PROVINCE-METASOMATISM Characteristics of process of metasomatosis in Sorskoye deposit V.I Sotnikov, A P Herzina Geol i geoffz no 9:55-58 '66

KHARKOV-BOOKSTORES

A day in a "people's store," P Prokopenko, Knizh, torg, 17 no 12 19 D '66

KHARKOV-BREWING INDUSTRY-EQUIPMENT AND

Prom the work practices of Brewery No. 1 in Kharkov, N.G Prikhod'so Spirt, prom. 28 no. 5,37-39 '62,

KHARKOV-CLOTHING INDUSTRY-EQUIPMENT AND SUPPLIES

Proposals of efficiency promoters of the Tiniakov Clothing Factory in Kharkov, M.V Mishchenko Leh, prom no 2,50-51 Ap-Je 162,

KHARKOV-COKE INDUSTFY-BY-PRODUCTS

Injecting vapors from ammonia column into gas pipes up to primary condenses S. A. Gurevich, T. I. Demina, D. Nedil'ko. Koks t khim, no. 12:35-36 [65]

KHARKOV-COKE PLANTS-EQUIPMENT AND SUPPLIES

Regulating the heating of overs with bottom supply of heat. I. A. Gotelov, N. I. Svish, here Koks i whitm, no 12;22-25 $^{-1}66$.

KHARKOV---HISTORY

D'iachenko, N. T. [Streets and squares of Kharkov, from the history of the city] Ulitsy i ploshchadi khar'kova, iz istorii goroda, Khar'kov. Prapor, 1986. 278 p.

KHARKOV-PLANTS, PROTECTION OF-RESEARCH

Kharkov Agricultural Institute is 150 years old, A. Migu-im, M. Romgin Zashen 1ast U no. 12 18-21 166

KHARKOV-PLANTS, PROTECTION OF-STUDY AND TEACHING

Kharkov Agriculturai Institute is 150 years old. A Migulin, M. Rodigin. Zashch rast. 11 no. 12 18-21 168

KHABAROVSK....POSTAL SERVICES-BUILDINGS Multistory post office in Khabarovsk, S. Kryzhanovskii, N. Stypnikov, Na. Stroi. Ros. 7 no. 11·3·4 N '66.

KHARKOV-TELEVISION-STAGE-SETTING AND SCENERY

Economical and expressive, V. Pozdniakov. Sov. tadio ital. 12 no. 6:35-36 Je 163.

KHARKOV—TELEVISION IN AGRICULTURE

Coin breeders at the television receivers. K. Lash-chenko. Sov. radio i tel. 8 no. 3:3-4 *59.

KHARKOV-TRACTOR INDUSTRY-COSTS

Department and service plans for reducing production costs, S. Galuza Plan. khoz. 43 no. 1 79-82 Ja 187.

KHARKOV PROVINCE-COMMUNIST PARTY OF THE SOVIET UNION

Permanently inactive; a feiter to the editor G. Kudriashov, IU. Brusin Agitato: 34 no 23 40 D '66

KHARKOV PROVINCE-RURAL PLANNING

Planning settlement of Snezhkov, G. Vasiliev, N. Arte-monovich, Strof. t arkhit, 11 no. 11:21-23 N 186.

KHAMDI, SELIAM, 1903-1966

Khamdi Seliam. Nar. Az, i Afr. no. 6:184 186,

KHATANGA GULF-SCULPIN

Myoxocephalus quadricoruls labradoricus [Girard) of Khalanga Gulf. I. V. Luklianchilov. P. IA. Lugar ma 177 Biol. -geog. nauch. -t-sal met. lik. un. 18 no. 1/2 181-180. 165

KHATANGA RIVER—PARASITES—FISHES

Parasites of fishes of the Rhatanga basin. F. V. Lukhan-chikov, V. V. Cherepanov. 12: Vost -Sib old Grog observisSSR 60-67-80-62

KHATANGA RIVER-SALMON

Reproduction of Salmontidae in khatanga basin. F. V. Lukhanchkov. L.v. Biol. -geog. nauch. -1551 Inst. It k. un. 18. no. 1/2-174-180, 165

KHATANGA RIVER-SALMON FISHERIES

Stale and outlook for efficient organization of salmon fisheries in the Khatange River system. F.V. Luk han-chov Iz: Vost -Sib old Geog ob-va SSSR 60 92-100 (62)

KHATANGA RIVER—WHITEFISHES

Morphological and biological characteristics of white-lishes of the Findings River F.V. Luk'ianchikov 1 v Vost -Sib old Geog ob va SSSR 60 81-87 b2

KHERSON-GLASS CONTAINERS

Plant changes its appearance. J. Zel'dovich. Sov. profsont', 22 no 2425 D '66

KHERSON-GREENHOUSES-DESIGN AND CONSTRUCTION

Rope greenhouse with polyethylene roof. A. Zelinskii. Stroi, i arkhit. 14 no 11:29-30 N 166

KHERSON PROVINCE—AGRICULTURE—ACCOUNTING

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KHIBINY MOUNTAINS—ROCKS, IGNEOUS—ANALYSIS

Chemical composition of rocks of the Khibiny alkaline massif A.V. Galakhov. Dokt AN 555R 171 no. 5 1179-1182 D 566.

KIMBERLITE see subdivision under Ru plan Platform

KHITAN LANGUAGE

Vsesoluznyi institut nauchnol i tekhnicheskoi laformatsii, Preliminary communication concerning the deciphering of the Khitan writing Productivinoe soobshchento o deshiftovke kidan'skogo pis'ma. Moskva, 1984, 35 p. (MH)

KHIVA OASIS-ARTISANS

At Usana of the Khiva Khanate in the late 19th and carly 20th centuries. A. S. Sadykov, Nauch, trudy TashGU no. 281;35-12 166.

KHIVA OASIS—REVOLUTION, 1917-1921

Establishment of the people's Soviet state in Knorezur Oasis, kh.S. Samatova Trudy TashGU no 282-63-7. '66.

KHMEL'NITSKIY PROVINCE-AGRICULTURE

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KHMEL'NITSKIY PROVINCE-AGRICULTURE-ACCIDENTS

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KHOLDIN, SEMEN ABRAMOVICH, 1896-

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Ancient copper mines in Khovu-Aksy. C. P. Zakharov. 1A. I. Sunchugashev Uch zap Tuv-nauch. -issi inst.iaz., httlist. po 10:268-282 '63

KHRUSHCHOV, GRIGORII KONSTANTINOVICH, 1897-

Gragoria konstantinovich Khrustohov; an obituary. 1: AN 585R Sar bod no 3,465-468 Ny-Ja 163,

KHVALYNSK (SARATOV PROVINCE)-BIBLIOGRAPHY-RARE BOOKS

Manuscripts and early printerbooks of the Physiynsk Local Love dissum for not Province VD Misulin. Trudy ODRL 18:162-163 '62

KHVALYASK (SARATOV PROVINCE)—MANUSCRIPTS

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Hydrological regime of Bakalak Glaciai (hichike hay Range) A Akbarov Trudy Sred -Az nauch asal gidrometeor inse no 27 83-88 '66

KIDNEY FUNCTION TESTS

Changes in the function of the liver and Midneys in dogs following replantation of evit emities, preliminally re-port A. A Seld-Gusselmov. G S. Lipowetskii, L. M Saburova. Trud. 1-go MAM. 49 207-216 '66

Changes in the glycocorticoid function of the adrenal cortex and electrol, te equilibrium depending on the state of the kidneys dum og surgical interventions Z P NJuna, I 14 Usvatova, G.S Samoilova Trudy l-go MMH 43 87-91 '65

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Functional state of the kidneys during treatment of burn-disease V, A Orlik, Sov med 29 no. 12 57-61 D 466

Vascular disorders in the Fidneys following replantation of extremittes under the conditions of acute experiment; preliminary report B S Swadkovski, G 5, Lipovets-kii Trudy 1-go VMI 49:217-219 '66

Renin and the function of kidneys. IU.A.Serebrovskela Pat.fiziol 1 eksp.terap no.3 87-92 '64

Situation of kidneys in athletes. A. G. Mitzamukhamedov. Teor. i prak, fiz. kul't. 29 no. 11 62-64 N '66

Utilization of L-fucose by kidney enzymes. O. M. Kostiukovskaia, E. L. Rozenfelid, Biokhimita 27 no. 5:912-315 S-O '62,

KIDNEYS-BIOPSY

Transculaneous puncture biopsy of the kidney in the diagnosis of amyloidosis D. G. Ravich Ekspor Phil 1 agest 8 no 6:32-34 N-D '63

KIDNEYS-DISEASES

Amylolytic activity of the blood and un me in some experimental disorders of the renal and pancientic function III N Koleanikov Pat fiziol. 1 eksp terap, no 3173-74

Nethodology for inducing the onic mephrosomerim itis in rats, L.M. Romendik Pat riziol.ieksp.terap. no.3: 84-86 '84.

Aucroflora of urine and kidneys in chronic pyelonephritis patients. N. A. Strokatova, K. A. Velykanov Mikro-biol, zbur. 28 no. 6.72-75 '66

Zhukova, M.N., B.V. Kliucharev, and V.I. Rozhdestven-skil. [Surgical diseases of the kidneys and ureters] Khirurgicheskie zabolevanija pochek i mochetochnikov, [Leningrad] Meditsina, 1985. 506 p. (DNLM)

KIDNEYS-SURGERY

Function of the remaining kidney following unitateral nephrectomy with an artery replaced by a homograft, I.A.Nikolaevich, S.A.Gasparion, N.I.Molokanova, Petfiziol reksp.terap. no.3.67-71 '64

KIDNEYS-TRANSPLANTATION

Anomalies of renal vessels and kidney transplantation; unatomical stidy. H P. Komissarov Trudy 1-go MMI 49:119-124 '65. Basic problems and trends in kidney transplantation V B Petrovskii Fritzugus 12 no 11 3-6 N 466

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Clinical morphological study of homoth ansplanted kidney and lymphoid tissue of the recipient with the use of Soviet exathioprine and predutations. M. V. Bilenko.

1. A. Grigorieva. Trudy 1-go Ardi. 19.97-110. (c).

Comparative evaluation of the methods for realoring the comparative evaluation of the interned for testorion continuity of urine excretory paths in experimental transplantation of the kidney into the pelvis M II Cherkasova Trudy 1-go MMI 49 125-128 '66

Morphological and immunological studies in homotrans plantation of the Fidney in dogs N A Bykora, W Garallo Trudy l-go MMI 49 69-76 has

Morphological changes in renal transplant in dogs N A Byrova Frudy 1-go MMI 49,77-85 '66

Some indices of protein-electrolyte equilibrium in homeit ansplantation of the kilneys in dogs with the use of immunder essive chemical proparations. L. M. Sabin ova, M. V. Bilenko, n. N. Norikova, F. wiy 1-ga MMI 49 111-118 '66

KEV-BOOKSTORES

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KIEY-FURNITURE INDUSTRY

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KIEV-TELEPHONE-EMPLOYEES

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KIEV-TEXTILE FIBERS, SYNTHETIC

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KIEV-TEXTILE WORKERS

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KEV-VEWS

[Kiev] Kylv. [Kylv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnol lit-ry, 1957] i v. (chiefly

KIEV--WILLOWS

Salix matsudana Koidz. in Kiev. N.F. Minchenko, Blut. Glav. bot. sada no. 63:13-15 166.

KIEV ECONOMIC REGION—JULK INDUSTRY

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KIEV PROVINCE-AGRICULTURAL WORKERS-DISEASES AND HYGIEND

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KIEV PROVINCE-MAPS

Kylvs'kyl derzhavnyl universylet. Geografia hyl fakul'tet. [Geografia Kylva'-kol oblasti, atlas. Kylv, 1907. vvl p. 98 i. maps.

KIEV PROVINCE -POLITICS AND GOVERNMENT

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Planning and recording the educational work. Donak vosp. 39 no. 12:37-34 D 166.

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'Help us to find the truth" (conclusion). 1. Davidov. Doshk. vosp 39 no. 12-94-101 D 469.

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KINDERGARTENS

Bartency, I.A. [Kindergartens, schools] Delskie sady, shkoly, Leningrad, Khudozhnik RSFSR, 1986, 63 p. (Detei okruzhaet iskusstvo)

The 40th anniversary of a kindergarten. C. Motovinskala Doshk, vosp. 39 no 12 87-86 D 186.

KINDERGARTENS-DESIGN AND CONSTRUCTION

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KINDERGARTENS-FURNITURE, EQUIPMENT, ETC.

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KIPRENSKII, OREST ADAMOVICH, 1782-1836

Chizhikova, E.N. Orest Adamovich Kiprenskii, [Leningrad, Khudozhulk RSFSR, 1965] 19 p. (Narodnala bibliotechka po iskusstvu) (MH)

KIRGHEZISTAN-AGRICULTURAL MACHINERY

Ryadin, V.I., L.N.Gligol'ey, and M.A.Orel. [New machines on the fields of Kirghizistan] Novye mashiny na pollakh Kirgizli. [Tokmak] "Kylgyzstan," 1985 74 p. (DNAL)

KIRGHIZISTAN-AGRICULTURAL WAGES

Some problems of improving wages on the state farms of Kirghizstan, G Forer, Trudy Ekon, fak Kir, gos. un, no 1105-life '61,

KERGITIZISTAN—AGRICULTURE

Mat our fields yield good crops. T. Orozbekov. Agitator 34 no. 1:36-38 Ja '67,

KIRGHIZISTAN-AGRICULTURE-ECONOMIC ASPECTS

Development of copitalist relations in the agriculture of Kirglitzirtan at the end of the 19th and the beginning of the 29th century. S Attokurov, Frudy Livon, fak, Kir, gos, un. no. 1.78-194-64.

KIRGHIZISTAN—AGRICULTURE—FINANCE

Method for determining the economic efficiency of capital investments in agriculture. Sk Musakozhoev. Trudy Ekon fak, kir, gos. un. no. 1 147-145 404.

KIRGHIZISTAN-BUILDING MATERIALS INDUSTRY-FINANCE

Potentialities of the profitableness of the building materials industry of kirghizistan. B. Vnisleib Fund, Fkon fak. Ku., gos. un no 154-61 '64

KIRGHIZISTAN-CIVIL LAW

Kirghiz S.S.R. Laws, statutes, etc. [Civil code of the Kirghiz S.S.R.] Grazhdauskii kodeks Kh gizskoe SSR Frunze, "Kyrgyzstan," 1964—460 p. [In Kirghiz and Russian]

KIRGHIZISTAN-CIVIL PROCEDURE

Kirghiz S.S.R. Laws, statutes, etc. [Civil procedure code of the Kirghiz S.S.R.] Grazhdanskii protsessual'-nyt kodeks Kirghizskoi SSR. Frunze, 1964, 425 p. [In Kirghiz and Russian]

KIRGHIZISTAN-COLLECTIVE FARMS

Role of finance in nerging of the two forms of socialist property. E Danielian. Trudy Ekon, fak, Kir, gos, un, no. 1:146-154 '64,

KIRCHIZISTAN-COLLECTIVE FARMS-INCOME DISTRIBUTION

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un. no. 1,3-9 '04.

KIRGHEZISTAN—EDUCATION—STUDY AND TEACHING

Checheibaev, Surakmat. [Pedagogical education in the Kurgiviz S.S.R., 1955-1964] Pedagogichoskoe obi azova-nie v Kurgizakoi SSR (1955-1964 gg.). Pod red. K.K. Karakeeva. [n.p., Mcktep, 1965] 134 p.

KIRGHIZISTAN-ELECTRIC EQUIPMENT INDUSTRY

Developing the electric equipment industry of Kirghizistan, A. Sagynaltev, Trudy Ekon, fak, Kir, gos. un. no. 1:17-21 '64.

KIRGHIZISTAN-ELECTRIFICATION

Prospects for developing electric power production in the Kirghtz S. S. R. V. Cherepkov. Trudy Ekon, fak. Kir. gos. un. no.1:35-44 '04,

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Isaev, Akybai, and M.M.Kartavov. [Natural resources of Kirghizistan in the service of the building up of the material and technical basis of communism] Pricodnye resursy Kirgizii na sluzhbe sozdantia material notekhnicheskoi bazy kommunizma. Frunze, "Kyrgyzstan," 1965. 80 p.

KIRGHIZISTAN-PARATYPHOID FEVER-MICRO-BIOLOGY

Pinge typing of paratyphoid bacter in B isolated in Kinghizia A. P. Bestuzheva Zhur mika obiol., epid. i mmun 43 no H 147 N '66

KIRGHIZISTAN-PASTURES AND MEADOWS

Change in botanical forms of mountain tall-grass meadows under the effect of herbicides. F.V. Chernogubov Agrokhimila no. 12 105-109 D *86.

KIRGHIZISTAN-POLITICS AND GOVERNMENT

Nurbekov, Kubanychbek, [Establishment of the Kirghiz Soviet National State] Vozniknovenie Kirgizskoi Sovetskoi natsional noi gosudai stvennosti. Fiunze, Kyrgyzstan, 1964. 148 p.

KIRGHIZISTAN-POPULATION

Baibulatov, B.B. [Struggle of the Kirghiz party organiza-lion for carrying out the settlement of the nomadic popu-lation] Bor'ha partorganizatsii Kirgizii za provedenie osedanila kochevogo naseleniia. Faunze, "Kyrgyzstan,"

KIRGHIZISTAN—REVOLUTION, 1917-1921
Institut istorii partii, Frunze. [For the rule of the soviets; collection of reminiscences] Za vinst' Sovetov;
sbornik vospominanti, Frunze, "Kyrgyzstan," 1966.

KIRGHIZISTAN-SAND AND GRAVEL INDUSTRY

Present-day condition and prospects for developing the production of rock, gravel and sand building materials in Kinghizistam. P. Savranchuk. Trudy Ekon, fak, Kir, gos. un no.1,45-51 '64,

KIRGHIZISTAN—SOCIALIST PROPERTY

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KIRGHIZISTAN—STRIP MINING—MANAGEMENT

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KIRGHIZISTAN—SUGAR BEETS—FERTILIZERS AND MANURES

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KIRGHIZISTAN-WORLD WAR, 1939-1945

Institut Istorii partii. Frunze. [Kirghizistan during the Great Patriotic Wai, 1941-1945, collection of documents and materials! Kirgirila v gody Velikol Olechestvennoi volny, 1941-1945 gg., shornik dokumentov i materialov. Frunze, "kyrgyzstan," 1965. 581 p.

KIRISHI (LENINGRAD PROVINCE)-PETROLEUM REFINERES-DESIGN AND CONSTRUCTION

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U thnown copy of the tale "On the Byatka country, " 1725, N. A. Malevanov, Taudy ODRI 18:370-373 '62,

KIROV PROVINCE-SOCIAL GROUP WORK

Duties of fathers, B. Petukhov Agitator 34 no. 24:28-31 D '68

KIROV PROVINCE—SPEECII CLINICS

Organizing the logopoide core of the population within the framework of one province; based on the material of Kitov Province V.I Seliverstov. Uch. 2np. MG Pino. 219 5-32 '61.

KIROV, SERGEI MIRONOVICH, 1886-1934

An impassionate tilbune of the revolution, on the 75th anniversary of S. M. Kirovis birth A. Mclinikov. Mol komm. no. 3 79-87 Mr '61.

KIROVOGRAD PROVINCE-SOCIAL GROUP WORK

Festivals of friendship. A. Vedencev. Agitator 34 no. 21-27 D 166.

KIROVOKAN-INDUSTRIAL MANAGEMENT

Material incentive and labor productivity. V Akimov. Prom Aim. 9 no 10 8-9 466

KISHINEV-FLOUR MILLS

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KISHINEV-INDUSTRIAL WASTES

Effect of industrial wastes and sewage of Kishinev on Nydiochemical regimen of Byk River, S. E. Byzgu, I. F. Kozhuł har¹, G. G. Gorbaten¹kii Brol. res. vod. Mold no. 4-3-14-166.

KISHINEY—WORMS, INTESTINAL AND PARASITIC Study of helminths of carniveres and rodenis in Kishiney, V.A. Sincl'shchikov, Paraz, zhiv, i 1481, no.1,61-81

KITKHOY VALLEY—THERMAL WATERS

Temperature fluctuations of water of the Kitthey that mal mineral springs V E Dilanian, IU I Kharchenke Vop geog Kamch no 3 125 '65

KIZEL BASIN---COAL GEOLOGY

Expansion of the cone of influence in karst carbonate rocks, V. F. Kovalev, IU. A. Ezhov. Izv. vys. ucheb, zav., gor, zhui. 6 no. 5:3-7 '63,

KIZEL BASIN-COAL MINES AND MINING

Mine in the name of Lenin. L Konopleys. Soy shakht. 12 no.4:5 Ap 163.

KIZEL BASIN-HYDRAULIC CONVEYING

Experiments for determining the most advantageous parameters of hydraulic transportation of Kizel coal, L. A. Arkhipova [zv. vys. ucheb, zav., gor, zhnr. 6] L. A. Arkhipova no. 5:119-126 '63,

KIZIL KUM see Kyzyl Kum

KLEIMIN, IVAN ALEKSANDROVICH, 1888?-1866 Ivan Aleksandrovich Kleimin; obitum y. Vest Mosk un-Ser-5: Geog 21 no-6;ll8 N-D '66-

KLEBSIELLA-CULTURES AND CULTURE MEDIA Formation of spherical shapes in capsule bacteria. S. I. Lukel'eva, I. M. Gabrilovich. Dokl AN BSSR 10 no.12; 995-986 D '66.

KLYS IRONS

Role of transverse bunching in Flystron with extensive electron stream. A 1 Shaposhnikov - Izv vys ucheb zav, radiotiz - 9 no 6/1175-1189 '66

KLYSTRONS-NOISE

Dependence of amplitude and frequency noises of a reflex klystron on its operating mode (5) \$\frac{1}{8}\$ Korollor Radiatekh relektion (1) no 11 3080-2082 (8) 466

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KNEE-TUBERCULOSIS

Effect of the disorder of blood culculation on the nature of the development of tubercular gould is an an experiment. T. D. Gabibli. Dokt. VV North. SSR 18 no 4.77-80.02

KNIT GOODS

Knd goods of 1967 L.I Vol'man. Tekst. prom. 26 no 12 13-16 D 166.

Shrinkage reducing finish of knit fabrics Z, N Shliakhova Tekst prom. 26 no 12 46-49 D $^{1}66$

KNIT GOODS INDUSTRY

Determining the optimal parameters of capton knit-base cloth. M.A. Alekseeva, 12v vvs. uchch 2av ,tekh 1cg prom. no 5/127-134 '66

KNIT GOODS INDUSTRY—EQUIPMENT AND SUPPLIES Garbaruk, V. N. Mechanization and automation of processes in the knit goods industry; textbook for students of the advanced training faculty Mechanizatalia i avtomatizatisia professor trikotazhnogo profevodstva, uchchnoe posoble dila siushatelei fakulteta usovershentizatisi. stvovanija. Moskva, Legkaja Industrija, 1966. 65 p. [MICROFILM]

KNITTING MACHINES

Concerning A. N. Gontarenko's article 'Interaction of knutting needles with the card clothing of the reculing drum of a chicular knutting machine for a trificial fur " I V.Kisliuk, Tekst prom 28 no 12 37-38 D '66,

L. V. M. BRIGHT, TORSE prom. 25 no 12 37-38 D 166, We chantzed flat rib knitting machine with an attrachment for simultaneous knitting of two spot is caps. B. A. Kunis, N. V. Miloshnyk, Leh. prom. no. 2:47-48 Ap-Je. 162,

Modelnization of "Shubell & Saltzel" jacquard cotton ma-chines of the 42 and 45 classes, K.D. Senziuk Leh prom. no 2:43-47 Ap-Je 162.

Use of type MPM-1 machines for knitting the body of gluves and mittens. V.V Prykhno. Leb prom. no.2: 48-50 Ap-Je '62.

KNITTING MACHINES-EXHIBITIONS soe subdivision under Great Britain

KNOWLEDGE, THEORY OF

Characteristic features of intuition as an element of knowing, J. K. Rodionova Vest, Mosk, utt. Ser 8; Filos. 21 no. 3 54-63 My-Je 166.

Gnosiological study of theory, L. F. Ugrency, Vost, Mosk, un. Ser. 8 Files 21 no 5 42-48 S-O 166

Lenin's criticism of idealistic gnoseology. G. Kutsanov, Kommunist 13 no. 18:79-89 D 166.

The question of interrelation between scientific cognition and learning, S. A. Shaporínsku, Suv pedag, 30 no 12-43-52 D 186.

KOBYLIN, ALEKSANDR IVANOVICH, 1902

Professor Aleksandr Ivanovich Kobylin. I. A. Kaganskii, M. L. Filakhtov Izv vys ucheb. zuv. .geod i zerof. no 3-145-147 '62

KOBYSTAN—BITUMEN

Recent data on the nature of the occurrence of bitumen in the Cretaceous sediments of northern Kobystan. A. A. Ali-Zade, G. A. Akhmedov, E. A. Dhidbekova. Azerb. nefi. khoz. 42 no. 3;1-3 Mr '63.

KOCHETOV, VSEVOLOD, ANSIMOVICH, 1912-Velengurin, N.F. [Literary portraits] Literaturnye por-trety. [Kiasnodar] Krasnodarskoe knizhnoe izd-vo, 1966. 340 p.

KOKCHETAV REGION-ORE DEPOSITS

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KOLA PENINSULA-ROCKS, IGNEOUS-ELECTRIC PROPERTIES

Electric conductivity of cruptive rocks of the hola Penin-sula at high temperatures A T. Bondarenko Trudy sala at high temperatures. A T. Bondarenko Inst fiz. Zem. no 37 192 199 166

Studying frequency dependence of electric properties of Kola Pennaula crustice rocks M.P. Volarovich, 3.T. Bond neako. Trudy first fiz. Zem. no. 7,206-220 '96.

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Some biological characteristics of berseem, N.V. Sedushkina, Shoi trud, asp i mol, nauch soti. VIR no 2 176-181 [6]

KOLKHIDA LOWLAND-PLANT INTRODUCTION Some biological characteristics of berseem N.V. Sedushkun Shor, trud asp 1 mol mauch, soti VIR no 2,176-181 '61

KOLKHIDA LOWLAND-RECLAMATION OF LAND

Power supply for reclaiming new areas in the Kolkhida Lowland G V Kvizhmadze Subtrop kullt no. 3: 145-156 566.

KOLOMNA---ARCHITECTURE

Fekiner, M.V. Kolomna. 2. izd., dop. Moskva, Stroi-izdat, 1956. 147 p. (Arkhitektura gorodov SSSR)

KOLOMNA-MACHINE-TOOL INDUSTRY WORKERS-EDUCATION AND TRAINING

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Outlook for finding oil and gas and tasks of oil and gas m ospecting in southwestern regions of Komi A S. S. R. A. V. Ivanov. D. A. Saar. Geol neft; i gaza 10 no.11.7-8 N. '66.

KOMI A.S.S.R. -THEATER

Incorrigible metry fellow. A. Mikoshev. Testr 24 no. 7:53-54 Ji '63,

KOMI A.S.S.R. -TRICHINA AND TRICHINOSIS

Ostbreak of trichinosis in the Komi A.S.S.R. v.A. Golenko, Med.psiaz.iparaz.bol, 32 no.2;227 Mr-Ap 163.

KOMI A. S. S. R. -- REVOLUTIONISTS

Rasin, B.I. [A prison without grates] Tiur ma bez reshetok. [Syktyvkar] Komi knizimoe izd-vo, 1000 150 p.

KOMINTERNOVSKOYE DISTRICT-FARMS-VALUATION Evaluation of land in a district. M. Mil'ner. Zemledelie 28 no. 12:57-59 D '66.

KOMI-PERMYAK NATIONAL AREA—MINES AND MINERAL RESOURCES

Minerals of Komi-Permysk National Area P.V. Ivashov, E. A. Lushnikov Nauch trudy Perm, politekh inst no 12:115-125 pt 1 '62

KOMMUNARSK (LUGANSK PROVINCE)-COAL PREPARATION PLANTS

Introduction of a new reagent in the coal preparation plant of the Kommunatsk Coke and Coal Chemicals Plant. M IA Bellchikov, G A Mamchitti, Kobsikhm, no. 6 8-10 '62,

KON', FEDOR SAVEL'EVICH

Some new data on the biography of P. S. Kont, V. N. Prishchepunko Suv arkheol, 10 no. + 201-210 bb

KONDON (KHABAROVSK TERRITORY)-GOLDS

The old and the new in the life of Kondon Nanattey, V A Timokhin Irv, SO NN SSSR no. 9 Ser obstitute, aauk no. 3 125-134 166,

KONIGSBERG, BATTLE OF, 1945

[Assault on Königsberg] Shiurm Kenigsberga. [Kaliningrad Kaliningradskoe knizhnoe izd-vo, 1906. 253 p.

KONOVALOV, IULII VENIAMINOVICH, 1896-

IUlii Veniaminovich Konovalov, on his 70th birth las Zhur, nevr i psikh 66 no 12:1879 '66.

KOPETDAG-GEOLOGY, STRATIGRAPHIC

Presence of the Apsheron stage in the western Kopeiling M. K. Mirzakhanov. Izv. AN Turk. SSR Sor fiz -tekh., khim i geol. nauk no 6/87-62 /62.

smm 1 geol, mank no 6.97-62 [62]. Sediments of Baku and Apsheron stages in the Uzel dag and Zirik, M.K. Mi zakhanov [2v An Turk, SSR. Ser fiz -tekh, khim.; geol, nauk no. 4-116-119 [62] Stratigraphy of bordering layers of Paleocore and Le rae in the eastern Kopet-Dag, S. P. Valbe, V. V. Dzhabarita, Iv., An Turk SSR, Ser, fiz -tekh., khim.; geol, nauk no. 2-110-111 [61].

KOPETDAG-MOLLUSKS, FOSSIL

Bivalve mollusks from the Upper Cretaceous in the central Kopet-Dag. M. M. Aliev, P. A. Aliev, 174.
AN Turk, SSR, Ser, fiz.—tekh., khim. i gool, nauk. 10-2-75-86 [6].
Emigration direction of the stenobalme Koaka fausa, M. M. Sudo. 179. AN Turk SSR, Sci. fiz.—tekh., khim, i geol, nauk. no. 2-123 [6].

KOPETDAG-PALEONTOLOGY

Emigration direction of the stenolaline Konka fauna, M. M. Sudo, Izv. AN Turk, SSR, Ser. fiz, -tekh , khim i geol nauk no. 2 123 '61,

KOREAN LANGUAGE-DICTIONARIES-RUSSIAN

Nikol'skil, L.B., ed. [Korean-Russian military dictionaty. Approximately 20, 000 terms] Koretsko-russkil voennyl slovar', Okolo 20 000 terminov, Moskva, Voenizdal, 1906, 281 p.

KORELICHI DISTRICT—COOPERATIVE SOCIETIES— FINANCE

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KOREN, VASILII

Portrayal of the sun in the gravure by Vasilli Koren, the derivation of this portrayal from A Durer and its influence on V Matakovskii. D M. Moldavskii. 11ud, OPRL 22,447-149 166.

KOSHEKHABL' DISTRICT—IRRIGATION FARMING
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28 no. 10:27-29 O '66

KOSTROMA PROVINCE-SOCIOLOGY, URBAN

Quantitative evaluation of living conditions of the popula-tion of small towns B.S. Kherev Vest Mosk un Ser 5; Geog 21 no 6:52-55 N-D '66

KOTLAS (ARCHANGEL PROVINCE)-CARGO HANDLING

Combined waterway and railroad transportation of coal through the port of Kotlas, V. Chikurin. Rech. transp 25 no 12,50 '66,

KOTLAS (ARCHANGEL PROVINCE)-WOODPULP IN-DUSTRY

Our experience in the training of specialists. A.S. 511'-chenko. Bum prom. 37 no.4,17-19 Ap '62

KOTSIUBYNS'KYI JURU MYKHAILOVYCH, 1895~1937

A ploneer of Soviet Ukrainian diplomacy; the 70th anniversary of IU. M Kotsiubyns'kyl's birth. A.D. IA: oshenko. Ukr.ist.zhur 10 no 12:127-129 D '65,

KOTSTUBYNS'KYI, M.

Masal's'kyl, V.I. [The language and style of the works of M. Kotslubyns'kyl] Mova i styl' tvoriv M. Kotslubyns'-koho. Kylv, Radians'ka shkola, 1965. 123 p. (CaOrti)

KOVDA RIVER-HYDROELECTRIC POWER STATIONS Series of hydroelectric power stations on the Kovda Rt.cs S. G. TSesarskii. Gidr. stroi. 33 no. 7:1-2 Jl '63

KRASHENINNIKOV, STEPAN PETROVICH, 1713-1755

Akademila nauk SSR. Sibirskoe otdelenie. (S.P. Kra-sheninnikov in Siberia; unpublished materials) S.P. Kra-sheninnikov v Sibiri; neopublikovannye materialy. Pod-gotovka teksta i vstup stat'ia N.N. Siepanova. Moskva, Nauka, 1966. 239 p.

KRASIL'NIKOV, PAVEL ALEKSANDROVICH, 1903-1966 Pavel Aleksandrovich Krasilbulov, obituary, Arkhit,

Parel Aleksandrovich Krasil'nikov; obituary Zhii stroi no 12:31 '66

KRASNOBORSK DISTRICT-MANUSCRIPTS

Report on the archival expedition to the Krasnoborst District, Archangel Province and the city of Lutling, Vologia Prevince in 1960. A. M. Panchenko, Trudy ODRL 18-426-431 62

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KRASNODAR TERRITORY—DISTILLING INDUSTRIES

Experience in the processing of sugar beets in the distilleries of the Krasnodar Economic Council, A V Petkov. Spirt. prom. 28 no. 1; 33-34 '62,

KRASNODAR TERRITORY-DRAINAGE

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KRASNODAR TERRITORY-GAS, NATURAL

Use natural gas more widely, G. Barakin. Ekon. self-khpz. 12 no. il 71-73 N 166.

KD ASNODAR TERRIFORY...GRAPES...VARIETIES

The "Pobeda" grape variety in the castern zone of Krasnodar Territory. N I Riahova Shor, trad i i mol, nauch, sotr VIR no. 2.260-263 [6]

KRASNODAR TERRITORY-LAND

Tate care of basic wealth. V Denisenko, P Sologub Zemtedette 28 no 11:52-53 N '56

KRASNODAR TERRITORY—OIL WELLS-MAINTENANCE AND REPAIR

They are using "Bakinets" unit for repair work, V. Belyi, Nottianik II no 11:26-27 N '66.

KRASNOYARSK-APARTMENT HOUSES-DESIGN AND CONSTRUCTION

More on the unfinished work in housing construction, V. Chushniskov, Ekon, stroi 8 no 12;29-31 D '66,

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KRASNOYARSK ECONOMIC REGION—WOOD-USING INDUSTRIES-COSTS

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KRASNOYARSK TERRITORY-HOURS OF LABOR

Efficient workweek schedules in industry. N.V. Grigo-rfev. 12v. SO AN SSSR no. 9, Ser obshchestv. nauk no. 3.9-14 '66,

KRASNOYARSK TERRITORY-LABOR AND LABORING CLASSES-EDUCATION

Scientific later organization and improving the cultural and technical level of industrial workers. A G. Pusep Lev. SO AN SSSR no 9 Sci. obstehesty nauk no 3 44-17 to6.

KRASNOYARSK TERRITORY--MOTHERS-EMPLOYMENT

Part-time workday for mothers. L.D. Skuridina. Izv. SO AN SSSR no. 9. Ser obshchesty nauk no 3 19-21 166.

KRASNOYARSK TERRITORY-WAGES-BORING The piecework wage system in prospecting. G. IAkovlev. Sots, trud 11 no 12 124-125 D 466.

KRASNOYARSK TERRITORY—WOMEN—EMPLOYMENT Conditions for improving the cultural and technical level of the working roman. N.A. Balykova. Irv SO AN SSSR no. 9. See obstichesty nauk no 3 61-63 166

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KRIVOY ROG-CONVERTERS

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KRIVOY ROG-EFFICIENCY, INDUSTRIAL

The man of tomorrow is born today. B. Zhuk, L. Kagan Agitato: no 2 14-17 Ja *62

KRIVOY ROG-INGOT MOLDS-MAINTENANCE AND

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Paperlenec in building oxygen-blown convertor plant, V K Gudz V, I Lepikhov, L. L. Parygin Promestror 44 no ll 4-7 '68.

KRIVOY ROG-IRON AND STEEL PLANTS-EQUIPMENT AND SUPPLIES

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Smelling of oxygen-blown converter metal for the manufacture of low-textured transformer steel. V A Sinctinikov and others. Stall 26 no 12 1092-1093 D '66

KRIVOY ROG BASIN-GEOLOGY, STRUCTURAL

Structural reintionship of Trapako-Likhmanov anticline and for western zones of Krivoy Rog Basin N I Baklanov Dop AN URSR no 11:1461-1467 '66

KRIVOY ROG BASIN—IRON MINES AND MINING

Efficiency of breaking vertical ore layers in the sub-level caving system in Krivoy Rog Basin mines P.N. Taran and others. Gor zhui, no H 29-34 N 166.

Influence of the intensity of mining mineral deposits in Ktivo, Rog Basin upon labor productivity and cost o mining IU I Chirkov. A. I Rudenko, G. S. Zymalev Got 7hur no 12:3-6 D '66

Manifestation of rock pressure during the process of massive caving of hanging wall rocks at "TSentral" attait" Mine of the 20th Party Congress Mine Administration D. Z. Shish. G. S. Shkiebko. Goi. 7 hur. no 12:28-38 D '66

KRIVOY ROG BASIN-RON ORES

Oslapenko, P.E. [Practices of dressing iron ores in the Krivoy Rog Basin] Praktika obogashchenila zheleznykh 1ud v Krivorozhskom basseine. Moskva, Nedra, 1966. 246 p.

Results of the revaluation of reserves of the "IUzhnala Mine" (Krivoy Rog Basin) Iron one deposit, 1 K. Mikheeva, Mat. GKZ ao. 4.18-23 '66.

KRIVOY ROG BASIN—JET BORING—SAFETY MEASURES

Ways of improving senitary and hygienic working conditions during jet piercing, V. A. Mikhailov, A. I. Loboda, Gor zhur no. 11:72-75 N '66.

KRIVOY ROG BASIN-MAGNETIC SEPARATION OF

Increasing the efficiency of filtration of finely crushed magnetite concentrates VA Chumakov and others Gor zhur no 12:54 D *66

KRIVOY ROG BASIN-ORE DRESSING

From work practices of the Krivov Rog Southern Mining and Ore Dressing Combine, B. A. Blizniuk, IA. V. Dubinskii Bezop, truda v pram. 7 no. 5.21-22 My 163.

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Dewatering iron ore concentrates by automatic filter-presses. L.N. Khersonets, E.T. Bogusiavskii, B.V. Gishchuk, Obog.tud 11 no.3:27-30 *86.

Increasing the wear resistance of cone crusher haings for coarse crushing at Novo Kittoy Rog Mining and Ore Dressing Combine V M Gorbach, P 1 Kruppa, 3.1. Mator, Obog rud 11 no 3 33-36 466

KRIVOY ROG BASIN-PRECAST CONCRETE CONSTRUCTION We are reducing labor expenditures, V.5510, I.Sher-stennikova, T. Osmainets, Prometrol 8 no 12 31-33 D '66

KRIVOY ROG BASIN-PROSPECTING-GEOPHYSICAL METHODS

Problems of geophysical vork in the study of the krivov Rog it on ore basin Z. G. Purontseva Razy i okhi nedi 29 no 3,37-12 Mi '63

KRIVOY ROGREGION-WORLD WAR, 1939-1945

Shaposhnik, V.N. [Intropid soldlers] Neustrashimye Moskva, Voenizdat, 1966 63 p (Geroteheskoe pro-shioe nashel rodiny)

KRUPSKAIA, NADEZHDA KONSTANTINOVA, 1869-1939 Great life, P. Gornostaev, Nov. min 39 no. 3 265-267

Mr. 463. N. K. Krupskaia on history classwork. M. I. Khruhlink. Ukr. ist. zhur. 10 no. Il;120-122 N '66.

KRYCHEVS'KYI MYKOLA VASYL'OVYCII, 1898-1961

Ukraintan Aitists Association in U.S. A. [Mykola Kiy-chevs'kyi, an ait exhibit] Mykola Kiychevs'kyi; mystets'ka vystavka. New York, Literaturno-mystels'kyi kliub, 1965. [8] p. illus. [In Ukraintan and English] kliub, 190 (NN)

KUBALOV, BORIS GEORGIEVICH, 1879-1966

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Some characteristics of the flowering of sorghum in the Northern Caucasus B N Mahnovskii Shor trud asp r mol.nauch sot: VIR no 2 105-108 '61

KUBAN VALLEY-LIBRARIES AND READERS

Kuban readers. S. Gribanov. Bibliotekar* 44 no. 1: 10-13 Ja *67.

KUBAN-WHEAT

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KUCHURGAN, LAKE-PHYTOPLANKTON

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KUCHURGAN, LAKE-ZOOPLANKTON

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KUGITANG-GEOLOGY, STRATIGRAPHIC

Secondary changes in the Upper Jurassic carbonate rocks of the Kugitang, K. Tomashev. 12v AN Turk, SSR, Ser, fiz, -tekh., khim, i gool nauk no 6:68-73 '62

KUIBYSHEV, VALERIAN VLADIMIROVICH, 1868-1935

An ardent fighter for communism, N. Khlebnikov, Komia. Vooruzh, Sil 3 no. 10 86-87 My '63

KUL'DZHUKTAU-ROCKS, IGNEOUS

Petrography of Shaydoraz gobbroid intrusive in Kul'dzhuk-tau (central Kyzyl Kum). G. G. Likholdov Uzb. geol zhut. 10 no 5:40-16 ¹⁶⁶

KULIKOVO, BATTLE OF, 1380

Miniatures of "The Legend of the Rout of Mamay," L. A. Dmittiev. Trudy ODRL 22:239-263 '66

KULUNDA STEPPE-ODONATA

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KUMROCH RANGE-PETROLEUM GEOLOGY

Natural Seepage of petroloum in the Kumroch Range O. K. Bazhenova, V. M. Kovalev, M. IU. Khotin. Vop-geog. Kameh. no 3:104-106 '85

KUN, BELA, 1886-1939

Kun, Irina. [Bela Kun; reminiscences. Translated from Hungarian] Bela Kun; vospominanila. [Moskva] Molo-daia gvardila, 1966. 311 p. (Zhizn' zamechatel'nykh Hudel. Seriia biografil, no.17(430))

KUNASHIR ESLAND-GEOLOGY, STRATIGRAPHIC

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William Kurbakii v rote "Tre history of the Grand Duke of Mozor v " A. A. Zimin - Trudy ODRL 18:905-308 [62]

KURDISH POETRY-HISTORY AND CRITICISM

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KURSK PROVINCE-ECONOMIC GEOGRAPHY

[Kursk Province, an economic and geographical study] Kurskala oblast, ekonomiko-geograficheskii ocherk. Voronezh, Teniral'no-Chernozemnoe knizhnoe izd-vo, 1966, 478 p

KURSK PROVINCE-SOCIAL GROUP WORK

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KURSK PROVINCE—SUGAR BEETS—DISEASES AND

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KUYBYSHEV RESERVOIR-ATMOSPHERIC TEMPERATURE Autumn transition of air temperature over 0° on dramage basin of Kuybyshev Reservoit I. A, Karakovakata Shor rah Koms GMO no. 7.3-9-166

KUYBYSHEV RESERVOIR—BIBLIOGRAPHY

Komsomol'skaia gidrometeorologicheskaja observatorila. [Kuybyshev Reservoh, annotated index of published and manuscript works by members of the Communist Youth League Hydrometeorological Observatory from 1957 to 1964] Kulbyshevskoe vodokhranilishche; amotirovannyi ukazatel' opublikovannykh i rukopisnykh rabot sotu udni-kov Komsomol'skoi gldrometeorologicheskoi objet vatoiti s 1957 po 1964 gg Pod red, P I. Nikulina i V. M. Shirokova. Tolliatii, 1964, 97 p [MICROFILM]

KUYBYSHEV RESERVOIR-BREAM

Characteristics of growth of various bream generations in Kuybyshev Resei voir as related to feeding habits. F. P. TSyplakov Zool zhur 15 no 11,1733-1736 '66

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KUYBYSHEV RESERVOIR-ICE ON RIVERS, LAKES. ETC .- MAPS

Ways of mapping icc phenomens of dramage basin of Kuybyshev Reservoir. M. V. Korbutiak, G. N. Petrov. Sbor rab Koms GMO no. 7 10-15 '66,

KUYBYSHEV RESERVOIR-RUNOFF

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KUYBYSHEV RESERVOIR—STREAM MEASUREMENTS

Runoft current in Kuybyshev Reservoir based on surveying data in 1963 and 1964. P. F. Chigirinskii Shor tab Koms, GMO no 7 83-100 '66

KUYBYSHEV RESERVOR-WINDS

Evaluation of some methods of calculating waves produced by wind under conditions of Kuybyshev Reservoir. F. M. Fedulova Shot, rab Koms, GMO no. 7:58-73 '86.

KUZIN, MIKHAIL IL'ICH, 1010-

Anniversary, Khirurgita 12 no. 11 140 N 166.

Kuz'min-karavaev, a.n.

A.N. Kuz'min-Karavaev's contacts with Polish revolu-tionary organizations. A.I. Bortnikov. Vop. ist. slav. po. 2.161-173 88.

KUN'MIN, NIKOLAI VASIUTIVICII

Ruy'min, N.V. [King Salomon's circle; pages from C past] King Gatt la Solomona, straullay hylo, a Ltd 2., dop. Mockya, Sov.khudozhnik, 1966. "Go p

KUZNETSK ALATAU-GI OLOGICAL TIML

Ago of Martaygiality pranifold complex and admir de the Connected with it. Let V 31 no 12(122-127 D. But $U(V,Alnbin)=U(V,AD)^{\perp}+H^{-1}+|\psi\rangle$

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KUZNETSK BASIN-METAL CUTTING

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KUZNETSK BASIN -STRIP MINING

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KYMOGRAPHY

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KYUROVDAG OIL FIELD-OIL FIELD FLOODRIG

Some investigations of the temperature changes in the first horizon of a producing arries in the Namovies oil field. Sh. M. Tagtey. Azerb, n. ft. Phos. 43 no. 5:24-26 My '64,

KYUROVDAG OIL FIELD-PETROLEUM GEOLOXIY

Oil yield of the first horizon of a producing formation to the Kyurovilag and Midhovdag oil fields, Z.Z. Kifat omen and othern, Azerb, nett khoz 42 no. 39-6 Mi '64.

KYUROYDAG OIL FIELD-VOLCANIC ASH, TUFF, LTC. Presence of volcanic names in deposite of producing fer-mation in Kura Lowland (Kyurovdny oli field) P. A Daudhekova, M. B. Khuirov, F. M. Kurbenova Azerb

KYZYL KUM-GAS, NATURAI -GEOLOGY

Characteristics of formation of some brachyantelinal folds in Kyzyl Kum in connection with estimating its oil and gas potential, B.S. TSirel'son and others. Neftegas goot, i geofir, no. 13 7-11 466.

KYZYL KUM-PETROLEUM GEOLOGY

neft khoz 45 no 0;4-6 S '66,

Characteristics of formation of some brachyanticlinal folds in Kyzyl Kum in connection with estimating its all and gas potential. B.S.TSirot'son and others. Neffeges gool i goofix no. 12 7-11 168.

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LABOR AND LABORING CLASSES

(see also subdivision under Africa, Daghestan, India, Kazakhstan, Lonings ad, Poltava Province, Transcaucasia, Ukraine, United States, Ural Mountain region)

Manevich, E. L. [Problems of public labor in the U.S.S.R.] Problemy obslichestvennogo truda v SSSR. Moskva, Ekonomika, 1966, 188 p.

Prudenskii, G.A. [Time and labor] Viemia i trud. Mo-skva, Mysl', 1965 342 p

Workers, enterprines, and society. N. I. Alekseev, Vep filos. 20 no.12 14 166. Working people at a great force. Boris Leontley, Sur, professions, 22 no 212-1 1 266.

LABOR AND LABORING CLASSES—EDUCATION face also subdivision under Knashoyarsh Territory) large owing workers' cultural and technical level during the postwar period B R Rashchenko Uch zap 1 GU no. 203 25-12 '60

100, 293 25-12 '60

Maygorodskii, IU,F. [Technological progress and the labor supply] Technicheskii progress i rabochie kadry, Mostva, Znanie, 1967, 31 p. (Novoe v zhizni, nauke, tekhnike, III Soriia: Ekonomika, no.2)

LABOR AND LABORING CLASSES-MEDICAL CARE

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LABOR AND LABORING CLASSES—STATISTICS (see also subdivision under Siberia; Soviet Far East)

Basic and auxiliary workers in industry. O. Shafranova, Sats trud 11 no.12 118-123 D 466

LABOR COURTS

Burnasheva, D.A. [To agricultural workers and employ-ces on the settlement of labor disputes] Sel'skokho-zlaistvennym rabochim i skuyhashchim o razreshenii trudovykh sporov. 2. izd. [Moskva] Profizdat, 1965. 61 p. (MH-L)

LAROR DESCIPLINE

Labor discipline and scientific organization of labor. Sats, trud II no. 12 3-8 D | 66

Modern technology, scientific organization of production, and labor discipline. The subjects "Conscientions discipline and socialist organization of labor," Article 5. N. Fillmonov. Agitaton 31 no. 1:19-23 Ja

Socialist discipline of labor and standards of the Soviet mode of the The subject "Conscientions discipline and socialist organization of labor" Article 4. V Markov Agitator 31 no. 23 24-27 D 466

We must improve the discipline of socialist labor. Part. Ahlan' no, 1 7-10 Ja '67

LABOR LAWS AND LEGISLATION (see also subdivision under Estonia)

[Decisions of the All-Union Central Council of Trade Unions] Shor, post, VTSSPS Ap-Je '66.

Leningradskii gosudarstvennyl universitet. [Soviet labor law] Sovetskoe itudovoe pravo. Leningrad, 1906 374 p (CSt-H) (InU)

Moskovskit gosudarstvennyi universitet. Kaledra trudo-vego piava. Labor law Trudovec pravo. Pod red. N.G. Aleksandiova. Moskva, IUid. lit-ia, 1966. 542 p.

Our information. Agitator 34 no. 1:40 Ja 167.

Papshuov, S. Kli., [Rote of Soviet labor law in the defense of socialist property] Roll sovetskogo trudovogo prava v okhi ano sotsialisticheskol sobstvennosti. Cherkessk, Stavropol'skoe knizhnoe izd-vo, 1965. 79 p. (CSt-11)

Remuneration for work on holidays. IU, TSoderbaum. Sots. zakon. 43 no.12;74-76 D '66.

The right of discharged employees to their annual leaves. IU. Gillman. Sots.zakon. 43 no.12 58 D '66.

Wago regulation S.S Karlnskii. Sov profeoluzy 22 no. 23:44-46 D 166

We shouldn't tolerate errors in the implenentation of labor laws, A. Protsevs'kyi. Rad, pravo 29 no. 12:28-33 D 66.

LABOR MOBILITY

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LABOR MOBILITY-STATISTICS

Studying the permanency of the labor supply in industry and construction, V. Bukolov, Vest. stat. no.12:38-41 166.

LABOR PARTY (GREAT BRITAIN) see Great Britain-Labor Party

LABOR PASSPORTS

Let us improve the recording of the labor activities of Soviet citizens BIN order Sots akon 43 no 12-27-26 D 666

LABOR PRODUCTIVITY

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Prudenskii, G.A. [Time and labor] Vremia i irud. Mo-skva, Mysl', 1965 342 p

Putalov, A K. [The most important, the main thing]
Samoe varhoe, samoe glavnee. Frunze, Kligizgosizdat, 1963. 49 p

Study of efficiency. Teom. i prak. fiz. kuld. 29 no. 11: 15-16 N '66.

LABOR SUPPLY see subdivision under Aliai Territory, Turkmenistan

LABORATORIES

Laboratories for special branches of industry in the institutions of higher education. V V, Maloshak, N.T. Pribytkovskala. Vest vys. shkoty 21 no. 12(11-13)

What are the advantages of interdepartmental laboratories. I.P Skurithin Vest vys. shroly 24 no 12 46-17 D 466.

LABORATORIES-DESIGN AND CONSTRUCTION

Rational model for Scientific Research Institute building, S. Volkov, Arkhit SSSR no. 11:33-36 '66.

LABORATORIES, MEDICAL

Vinogradov, I.V., and A.S. Gurcey. [Laboratory examinations in the practice of forensic medicine, reference book] Laboratornye issledovantia v praktike sudebnomediisinskol ekspertizy, spravochnoe posoble. Moskva, Meditsina, 1986. 234 p.

LABORATORY ANIMALS

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Measuring of temperature in laboratory animals with the use of electrother momental TDMP-80 M.S. Porodin. Lab. delo no. 1:64-55 f67.

Use of various laboratory animals in obtaining typeapacific set a against group B Coxackie viruses N M, Gordienko, Z I', Zubova, T R Borutskaja Trudy Mosk nauch -issi inst virus prop no 3;201-208 '65

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LACTATES

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LACTIC ACID

Content of glycogen, lactic and pyruvic acid in the myo-cardium in compensatory hyperfunction A. P. Bozhko Biul cksp biol i med. 55 no 6:69-71 Je ¹63

LACTIC ACID IN THE BODY

Lactic acid content in blood following physical exercises, I.K. Slokov, M. A. Melikhova. Teor. I prak fiz. kullt. 29 no. 11:60-61 N '66.

LACTIC DEHYDROGENASE

Separation of factic dehydrogenase protein components in normal and pathologic serum by DEAE sophadox O, N, Abbakamova, Kh. M Rubina, Vop. med. khim. 12 no. 6; 578-581 N-D '66.

Study of dissociation of lactic dehydrogenase from rabbit muscles. B I. Kurganov, N P. Sagrobova. Biokhimita 31 no 6:1034 -1093 N-D '56.

Determination of ester number of sterically hindered dialkyimalonic esters and 6-alkyl-substituted macro-cyclic lactones. S.G. Poliakova, A.B. Skvortsova, Trudy VNIISNDV no. 7:188-190 185.

Lactones and the species independence of the Nakhi-chevan wormwood(Artemesia Nachitschevanica Rrazade) R. A. Abbasov, N. M. Ismailov, K. S. Rybaiko Doki, AN Azeib, SSR 19 no. 2:43-44 '83

Structure and odor of some mono- and disubstituted actiones and tetrahydrofurane. V. M. Dashunin and others. Trudy VNHSNDV no.7-77-85 465.

Synthesis of , δ -substituted δ -factones. Report No. 3. A L. Vortschlovskain, V N Belov Trudy VNHSNDV no 7 25 -29 165

LADDERS

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LAFARGUE, PAUL, 1842-1911

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LAKE LABAZ-FISHERIES

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LAMBS—DISEASES AND PESTS

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LAMELLIBRANCHIATA

Growth of freshwater mollusk Sphaerium corneum L. I. P. Arabina, Dokl. AN BSSR 10 no 12:978-981 D 466.

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LAMINAR FLOW

Steady laminar flow of an incompressible fluid in a plane channel and in a chanlar cylindrical tube, allowing for the heat offliction and the temperature dependence of the viscosity S A. Kaganov. PMTF no 3 98-99 My-

LAMPBLACK-SPECTRA

Clection paramagnetic resonance of lampblack, G.S. Galcey and others Zbur, ffz, khtm. 40 no. 11-2814-2817 N '66

LAND

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Concern of the state I Danilov Zemledelie 28 no li: 47-40 N '66

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Practices in the recultivation of land A Maker over P Ponomeron Zemledelie 28 no 11:19:53 N Return of land Zemledelie 28 no 11,55 N '66

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LAND TENURE

(see also subdivision under Burgundy; Caucasus, Northern, China, Europe, Eastern, Great Britain, Hungary, Mordovia, Oxfordshine, Great Britain, Uzbekisian; Venezuela, Yugoslavia; Zakataly region, Azerbaijan)

The Great October Socialist Revolution and the solving of the agrarian problem. P Pershin Ekon sel¹khoz. 42 no 12:7-20 D ¹66.

[Year book on the agrarian history of Eastern Europe for 1964] Ezhegodnik po agrarnol istorit Vostechnol Evropy, 1964 god. Rishinev, Kartia Moldoveniaske, 1966.

LANDFORMS (see also subdivision under Kazakhstan)

Account of effect of relief on electric anomalies A.A.

Nepomntashchikh L. V. Sokotov, Izv AN Kazakh, SSR,
Ser geol 23 no. 5 72-80 S-O '06

LANDLORD AND TENANT see subdivision under

LANDSCAPE ARCHITECTURE

(see also subdivision under Baku; Leningrad; Sevastopol) City, nature, and man. V. Pavlichenkov, Arkhit, SSSR no. 11:5-15 '68,

LANDSCAPE PAINTING

Sitnina, M.K. [Seasons of the year; Russian landscape painting] Vremena goda; russkaia petzazhnata zhivopis', Moskwa, Iskusstvo, 1966, 35 p. illus., plates. (NIC)

LANGUAGE AND LANGUAGES

important problems in the development of linguistics in the Soviet et a. N.A. Baskakov, M. I. Isacv, S. K. Kenesbaev. Vest AN Kazakh. SSR 19 no. l·18-57 Ja

LANGUAGE AND LANGUAGES-BIBLIOGRAPHY see Bibliography-Language and languages

LANGUAGE AND LANGUAGES—STUDY AND TEACHING

Examination system on for eigh languages in the higher grades V. K. Solodovi U. b. zap GGP1 nv. 65,161-168 168

LANGUAGE AND LANGUAGES-STYLE

Some theoretical problems of the refinement of speech V.G. Kostomarov, VA. Leontho, Vop. 137, 15, no. 3 3-15, 9-0, 166.

LANTHANIDES see Raic earth metals

LANTHANUM BORIDES, EFFECT OF RADIATION ON

Sudying effect of neutron triadiation on structure and properties of lanthamum he alloride M. S. Korallehol, V. V. Ognodnifov, A. G. Krammi, Atom energ. 21 no. 6,470-476. D. 166

LAOS-POLITICS AND GOVERNMENT

Tension returns to Laos, IU, Mittsev. Nov stein 25 no 4413-14 J. 467

LAPLAND-METAMORPHISM (GEOLOGY)

Zhdanov, V.V [Meiamorphism and deep structure of the north-dior ite (granulitic) series of Russian Lapland] Metamot fizm i glubinnoe stroenie north-dioritovoi (gra-militovoi) serii Russkoi Laplandii Moskva, Nauka, 1966. 64 p. (Rezul'taty issiedovanii po mezhdunarodnym geofizicheskim proektam)

LAPITY SEA-WEATHER RESEARCH

Weather research expedition, A.1 Voskresenslin Probl Art no 3 135 159

LARVAE-FISHES

Relationship of size and growth rate of pink salmon larvae tothe size of eggs A A, lAstrebbo. 11 ady MMBI no 12: 45-53 166.

Speedup of growth of herbivorous fish largae 1 1 Mukhamedoya Ryb Phoz 42 no 11 31 - 33 166

LARVAE-INSECTS

Description of Jarvee of two Scar absender (Coleopters) species from Siberia G i Galrin Zool zhu: 45 no 11:1727-1729 66

Balmakanova, S. Sh. [Cancer of the larynx] Rak gortani, Alma-Ala, "Kazakhstan," 1966, 26 p. (DNLM)

Microscopic examination of wound washings following laryngectomy and Crile's operation for camer Mostovor Kim onk no 1-176-179 165

LARYNX-DISEASES

Pemphigus of the mucoud membranes of the upper res-piralory tract S. M. Sultanova Azerb med zhur 40 no 282-85 F '63

LARYNX-SURGERY

Microscopic examination of wound washings following laryngcotomy and Critic's operation for success 5, 1 Mostovol Kim onk no 1476-479 65.

Akademiia navuk BSSR, Instytut fiziki. [Calculation methods for lasers] Metody rascheta opticheskikh kvantovykh generatorov, Pod red. B.1. Stepanova. Minsk, Rauka i tekhnika,
Vol. 1 1966. 483 p.

Cariam fluoride doped with needymtum as active medium for lasers 10, & Voron'so and others. Kristallograftia 11 no 6 936-938 N-D '66

Combination processes in distributed traveling wave systems G L Gurevich. Bt A Otmakhov 12v vyucheb zav rediofiz 9 no 6-1164-1174 '66

Dependence of electroluminescence parameters of GaAs hesed insers on angle between face of p--n-junction and resonaton mirrors IV A. Gol'dherg. D. N. Nasledo. B. V. TSarenkov. Fiz tvortela 8 no 7:2251-2253 Jl 166.

Defonation of condensed explosives by laser radiation A. A. Brisk and others - Fiz gor i vzryva no 3:132-133 166

Doubling of light frequency in ruby. T.P. Belikova, E.A. Sviridenkov, Pust., red. Zhur, evspor, I teoret, fiz. 5 no.1 29-32 Ja 167.

Effect of collisions on spectral characteristics of gas lasers S.G. Rautian Zhur eksp I teor. Fiz 51 no 4: 1176-1188 O'66.

Gas laser in magnetic fields. M. I D'inkonov, S. A. Fridrikhov. Usp. fiz. nauk 90 no. 4.565-600 D 166.

Generation of sum frequency radiation by ruby and neodyrdum lase; s operating on KDP crystals. A. C., Savkin, A. S. Lugina, B. V. Bokut!. Dokl. AN BSSR 10 no.12;933-935 D '66.

Generation on traveling waves V. N. Morozov Fiz tvertels 8 no 7:2256-2258 Jl 166

Healing and dispersion of plasma produced by focusing glant laser pulse on solid target N, G Basev and others Zhur eksp ite or fiz 51 no 4:989-1000 O '66

Internal modulation of an infrared laser. E. R. Mustell, V.N. Parygin, V.S. Solomatin. Radiotekh, i elektron. ll no.12:2245-2247 D 466,

Laser as a source for Fourier optical transformation B. K. Vainshtein, G. I. Kosom ov Rristallogiafua, D no 6921-923 N-D 166.

Lusses h, solid-boly lasers during generation V 1 Lehrlavi V A Phinovich Dokt AN BSR 10 no 9-641-646 5 '66

Ortical rectiners based on Faraday effect | L Milaehan and others Radiotekh i elektron 11 no 12 2240-2241 D 166

Optimal reception of nation-hand optical signals [S] A. Ginzburg Radiotekh i elektron [H] no 12 2235-2237 D 466.

Photoelectric effect in laser beam. A.A. Chaban, Pist. v. red, Zhan ekspertif conct. ft. 5 no 120-23 Ja 467

Propagation of wave prokets and space-time self-focusing in nonlinear medium. L. A. Ostrovaku. Zhu, eksp. iteor fiz. 51 no 4 lieu-lieu O. 766.

Rays are working, S. Krluchkovskii. V mire knig. 6 no. 12 10-11. D. 466.

no. 12 10-11 10 100. Studying spectral characteristics of stimulated ruby radiation, M. E. Movsessim, 1U. S. Chilingarian, N. N. Badalian 12v. AN Arm SSR, Fig. 1 no 2 61-65 166.

Theor, of optically coupled lasers based on Ga is print junction. IU P Zaharov and others. Fix twee tela 8 no 7:2097-2051 Il '86

Use of interes in the manufacture of paper and cardboard, E V. Konstantinovi, Z V. Uchastkina, Trudy VNIIB no 51 260-256 '65,

Regulated tending of tools of automatic lathe machines, E S Vysokovskii Trakt i sellthozmash no 12:33-36 D *66

LATEN AMERICA—FOREIGN RELATIONS—UNITED STATES

STATES
Selezancy, G.K. ["Johnson's doctrine" is a threat to the
peoples of Latin America] "Doktrina Dehonsona"—
ugroza natodam Latinskof Ameriki. Moskva, Znanie,
1957. 45 p. (Novoe v zhizni, nauke, tekhnike. Vil Se111a Mezhdunarodnafa, no. 1)

LATIN AMERICAN STUDIES

Trends in the research of the Institute of Latin America. Yest AN SSSR 36 no. 12:3-6 D 166

LATIN LANGUAGE - DICTIONARIES - RUSSIAN Eliseev, V. G., IU. N. Kopaev, and I. R. Kilachitskala.
Nomina histologica, Moskva, Meditsina, 1965. 181 p. [In 5 languages]

LATIN MANUSCRIPTS see Manuscripts, Latin

LATIN PALEOGRAPHY see Paleography, Latin

Reduction of geocentric latitude to see level. A.A. Mikliailov Astron zhur, 43 no. 6 1313-1316 N-D 166.

LATTICE THEORY

Effect of periodic lattice potential on optical properties and other integral class acter (sites of cubic polyvalent metals R. N. Cun zhi. C. P. Mounlevien Zhan eksp. 1 teor fiz. 51 no. 4 1220-1226. O. 66

Precision of determinations of lattice energies and bond consigns in complex compounds of platinum VA. Pal-kin, N.N Kuz'mina, I.I Cherninev Zhur neoig khim II no II 2437-2442 II 166

LATVIA--AGRICULTURE

Bruvelis, J. Intensification and specialization of agricul-ture] Lauksalinniecibas intensifikacija un specializaci-ja Riga, Liesma, 1986. 236 p (in Latvian) (DNAL)

Latvijas Padomju Socialistiskas Republikas Zinatnu akademija. Vestures institute. [Latvian agrarian history, the 18th-19th centuries, agriculture and market in the period of feudalism] Latvijas agrata vesture (XVI-XIX gs.); lauksalmnieciba un tizgus feodalisma laika, Riga, olnaine, 1966. 186 p. [In Latvian]

MEISHTA-AIVTAL

At Palsmane settlement. P. Kampars. Agitator 34 no. 24 24-26 D '86.

Stabins, E. [Speaking in their own words; religious sects without their masks] Ar vinu yardiem, religiskals sektantisms bez maskas Ríga, Liesma, 172 p [In Lat-

LATVIA-BOTANY, MEDICAL

Kirstoine-Jacubrune, J. [Growing medicinal plants]
Arsiniechas augu audzesana. Riga, Liesma, 1966.
72 p. [In Latvian]
(ONLM)

LATVIA-CHEMISTRY

Eiduss, Z. [Enchantess lives in Laivia] Brimmdare mit Laivija, Riga, Liesma, 1966, 153 p. [in Laivian]

LATVIA-CIVIL PROCEDURE

Laivian S.S.R. Laws, statutes, etc. [Civil procedure code of the Laivian Soviet Socialist Republic] Laivins Padomiu Socialistiskas Republikas civilprocesa kraless Riga, Liesma, 1966 501 p [la Latvian]

LATVIA-COMMUNIST YOUTH LEAGUE

Dumberga, G., and B Skarupina [We continue the with of our fathers, the Latvian Komsomol and the building of socialism and communism, 1944-1965 Mes texu darlu tui pinam; Latvijas komjaunatne socialisma un komun's-ma celtnicelia (1944-1965) Riga, Liesma, 1966 195 p. [In Latvian]

The Komsomol has built a "wall" against losses us it s autional economy A Povlov, B Mozdishov, Med. komm no. 3 22-25 Mr. 561.

LATVIA-CRAYFISH

Mazitis, Ziedonis. [Crayfishes and their breeding] Verl un to audzesana. Riga, Liesma, 1967. 33 p. [In un to and Latviani

LATVIA-DAIRY CATTLE

Baliakmens, R. [Prolonged use of milking cows] Shu-camo govju izmantosanas prildzinasana. Riga, Licena, 1966. 105 p. [In Latvian] (DNAL)

LATVIA-ELECTRONIC DATA PROCESSING-INDUSTRIAL MANAGE MEN'T

Bogoliulov, I. [Solving problems in industrial manage-ment using electronic computers on the basis of non-mathematical algorithms] Reshenic zadach po upravientiu protzvodstvom s pomoshch u elek komykh 13chish-tel nykh mashin na osnove nematematicheskikh algor nmov. Riga, Litvilskii respubl in trauchno-tekhn in formatsii i projagandy, 1966—13 p. (Listok tekhateba-skoi informatsii: Planirovanie i organizatsila projavod-

LATVIA-FEUDALISM

Latvijas Padomju Socialistiskas Republikas Zinatnu akademija. Vestures Instituts, [Latvian agratian history, the 16th-19th centuries, agriculture and market in the period of tendalism [Latvijas agrara vesture (XVI-XIX gs.), laukgaimniecība un tirgus feodalisma latia. Riga, Zinatne, 1966, 186 p. [In Latvian]

LATVIA-FORESTS AND FORESTRY

Kronitis, Janis. [Manual for the forester] Mezkopin tokasgramata. Riga, Liesma, 1986. 338 p. [In Latvian] (DNAL)

<u>Kundzins, Arturs.</u> (Forest tree seeds) Meza koku seklas Riga, Liesma, 1966. 114 p. [In Latvian] (DNAL)

LATVIA—FOUNDING—CONGRESSES

Latvilskata respublikanskaia konferentsita liteishchilov.
| Materials of a conference on foundry practice| Materialy konferentsit po liteinomu proizvodstvu. Rig.), Latviiskii respubl. in-t nauchno-tekhn, informatsii i propagandy, 1980. 48 p.

LATVIA-HOT-WATER HEATING-EQUIPMENT AND SUPPLIES

Skrodells, J. [Installations of central heating] Central p-kures iekarias Riga, Liesma, 1966. 210 p [In Lat-

LATVIA-LIBRARY CATALOGS

Foreign literature in the catalogs of the National Library of the Latvian S.S.R. B.K Dinberg Opytrab bibliots inestrate no 158-62 '61

LATVIA-MACHINE INDUSTRY-MANAGEMENT PAUPA, V. [Economic efficiency of mechanization and automation in the machinery industry of the Latvian S.S.R.] Mehanizacijas un automatizacijas ekonomiska efektivitate Latvijas PSR masinbuve. Riga, Zimine, 1966. 55 p. [in Latvian]

LATVIA-MUSHROOMS

Cinovekis, R., and A. Sablis. [Advice to mushroom pickers] Padomi senolajiem. Riga, Liesma, 1968. 191 p. illus. [In Latvian]

LATVIA-PEAT BOGS

Use peat bogs more efficiently E. Cinis. Zemicdelic 28 no 12:32-34 D '66

LATVIA—PHILOSOPHY

LATVIA—PHILLSOFIA:
Skichberg, V.A. (Philosophical tife of Latvia in the
early 20th century, 1900-1917; P. Stucka, F. Rozins,
J. Jangons, P. Dauge, J. Berzins] Filosofskalz zhizn'
Latvif nachala XX veka, 1900-1917; P. Sluchi'a, F. Rozin',
IA, IAnson, P. Dauge, IA. Berzin', Riga, Liesma, 1966. 412 p.

LATVIA—PLANT QUARANTINE
Plant quarantine in Latvia, G, Funtikova, Zashch,
rast, II no.11:47-49 '66,

LATVIA-PLANTS, PROTECTION OF

In cooperation with science, A. Zveineks, D. Pandars.
Zashch, rust. 11 no. 11;11-12 668.
In Latvia, A. Tomyshev, Zashch, rust. 11 no. 11;5-7 668

LATVIA-POTATO WART

Control of potato wart in Latvia. Zasheh, rast. 11 no 11 51 166.

LATVIA-POTATOES-DISEASES AND PESTS

Virus diseases of potatoes. V. Duda, Zashch, rast, H no. 11:23 '66

LATVIA-PUBLIC PROSECUTORS

What the figures tell us about the work of public prosecu-B Dubi ovinskii Sots.zakon 13 no 12:20-22 tors :

LATVIA-TRICHOGRAMMA

Use of Trichogramma in Latvia, IA, TSinovskii, A, Ziis-pune. Zashch rast, li no 11:21-22 66.

LATVIA-SECTS

Stahins, E. [Speaking in their own words; religious sects without their masks] Ar vinu vardiem, religiskals sektantisms bez maskas. Riga, Liesma, 172 p. [In Latvian

LATVIA-SEED PRODUCTION

Kunizias, Arturs. [Forestinee seeds] Meza koku seklas. Riga, Liesma, 1986. 114 p [In Latvian]

Voisteris, Peteris. [Seed production of vegelables] Dar-zeru seekkopiba. 2., papildinatals un parstradatals izde-vums. Riga, Liesma, 1906. 250 p [In "atvian] (DNAL)

LATVIA---SUGAR BEETS

[Sugar beeis] Cukurbicies. Riga, Llesma, 1966. 220 p. [In Latvian] (DNAL)

LATVIA-VEGETABLE GARDENING

Velsici Is, Peteris, [Seed production of vegolables] Dar-zenu sekikopiba. 2., papildinatais un parstradatais izde-vums. Riga, Liesma, 1966—250 p. [in Latvian] (DNAL)

LATVIA-WAGES-TRANSPORTATION, AUTOMOTIVE

Drizina, T.Z. [Incentives for increasing labor productivity of automotive vehicle drivers, as exemplified by the Latvian S.S.R.] Stimuly povyshenita protzvoditel'nesti tauda shoferov, na primere Latviiskoi SSR. Riga, Zinaine, 1966, 57 p.

LATVIA-WAR CRIMES

[Don't forget Audrinit] Neatzmirsti Audrinus [By] K. Sausnitis un citi, Riga, Liesma, 1966, 220 p. [In

LATVIAN COOKERY see Cookery, Latvian

LATVIAN LANGUAGE-WORD FREQUENCY

Latvijas Padomju Socialisliskas Republikas Zinatnu akadenija. Valodas un ilkeraturas instituts. Frequency dictionary of the Latvian language Latvienu valodas blezuma vardnica. [By] T. Jakubnite un citi. Riga, Zinatne [In Latvian]
Vol. 1. [Technology and industry] Tehnika un

rupnieciba, Pl.1, 1966, 620 p.

LATVIAN S.S.R. -- CLIMATE

[Handbook on the climate of the U.S.S.R.] Spravochnik po Rimatu SSSR. Leningrad, Gidrometeolzdat. No. 5. [Latvian S.S.R.] Latvitskata SSR. Pt.1. [Solar radiation, radiation balance, and sunshine] Solacchnaia radiatsita, radiatsion-nyi balans i solacchnoe sitanic. 1906. 48 p.

LATVIAN S.S.S.R. -SOLAR RADIATION

[Handbook on the climate of the U.S.S.R.] Sprayochnik

pokimate of the U.S.R.; Spravenina pokimate SSR. Lentigrad, Gldrometeolodat. No.5. [Latvian S.S.R.] Latviiskala SSR. Pt. I. [Solar radiation, radiation balance, and sunshine] Solnechnia radiatistin, radiation-nyi balans i solnechnoe stinnic. 1966. 48 p.

LAUNCHES

Launches for the national economy. N. A. Makarov. Sudostroenie 56 no. 11 62-66 '66.

LAIREL

Use of laurel preparations in canned fish production. V. O. Pruidze, N. A. Kekelidze. Ryb. khoz. 42 no. 11. 67-68 166.

LAVA see subdivision under Armenia

Fuks, S.L. [Soviet law from the period of the transition to the new economic policy to the beginning of the advance of socialism on a broad front, 1021-1029, a summary of lectures] Sovetskoe pravo v period of perektoda k novol okonomichoskol politike do nachala nastuplenita sotsializma po vsemu frontu, 1021-1929 gg; konspekt lektsli. Khar'kov, Khar'kovskii iurid, in-t, 1965, 60 p. (CSt-II)

LAW-BIBLIOGRAPHY see Bibliography-Law

LAW--CASES

(see also subdivision under Ukraine)

[Bulletin of the Supreme Court of the R. S. F. S. R.] Blui. Verkh. Suda RSFSR no 10 '66, no 1 '67.

Now public prosecutors supervise the observance of laws. Rad pravo 29 no.12 97 D '66.

How public prosecutors supervise the observance of laws. Sots zakon. no. 11 87-91 N $^{1}66\,$

How public prosecutors supervise the observance of laws, Sots zakon. 43 no 12:80-82 D '66

LAW-PERIODICALS

A story of enthusiasts. M. Sverdlova. Sots, zakon. no. 11 61-62 To 166.

I.AW-STUDY AND TEACHING (see also subdivision under Perm Province, Ulan-Ude, Ust'-Kamenogorsk)

Let us disseminate the knowledge of law among school-children, V. Rubashkin, IU, Shchaveliev, Rad pravo 29 no 12 81 D 166.

A "radio lecture hall " N. Hyskalina. Sots. zakon. 43 no 12:73 D 166.

LAW AND ETHICS

Communist ethics and Soviet law. Sots.zakon. 43 no.12 13-19 D '66.

LAW SCHOOLS see subdivision under Uzbekistan

LAWYERS see subdivision under Senegal

LEACHING

leaching red mude through hydrogennets, M. M. Gol'd-man and others. Trudy instruct tobog AN Kazakh, SSR 16:111-117 466.

Solid residue of hydrochemical processing of alumino-silicate ling. G.S. Mai'tsev and others. Trudy last, met i oner AN Karakh. SSR 16 167-175 466

LEAD-METALLURGY

Valuable work on the hydrometathurgy of nonferrous metals E. A. Buretov Vest, AN Kazakh SSR 19 no 1:04-96 Ja '63,

LEAD ARSENATES-TOXICOLOGY

Toxicity of lead avaenate to goals. V. A. Semaev, M. N. Smirnova, Veterinariia 13 no. 12:45 D 460

LEAD NIOBATE CRYSTALS-GROWTH

Growing lead metaniobate single crystals by zone refining-O. P. Kramarov Rost krist. 6:226-228 '65

LEAD POISONING

Specificity of the effect of load on spermatogenesis. O.M. Egorova, N.G. Ivanov, I.V. Sanotskii prom khim veshch, no. 8 33-11 '66

LEAD SELENIDE CRYSTALS-GROWTH

Growing lead solenide single crystals — IA, S. Budzhak Rost krist — 6:229-230 - 765

LEAD SULFATES

Effect of surface-active substances on structure of passivating tayer of lead sulfate. E.G.IAmpoi*4kaia and others. Elektrokhimita 2 no.11:1327-1330 N 466.

LEAD SULFIDE CRYSTALS-GROWTH

Election-microscopic study of structure and mechanism of formation of lead sulfide microcrystals. S. A. Dariusina, G. I. Distier. Rost krist. 5:228-232 '65.

LEAD SULFIDES-THERMOELECTRIC PROPERTIES Electrical and optical study of PbS. IU. V Mai*tsev and others | Fiz tvo: tola B no 7:2154-2162 Ji | 166

LEAD TELLURIDE CRYSTALS-GROWTH

Growing PbTs single crystals by Czochralsky's method. P. M Starik, P. I Voroniuk Rost krist. 6;281-283 '6

LEAD TELLURIDES

Growing of high-alloy lead telluride n-type single crystails and the determination of distribution coefficients of fedine, chlorine, and bromine, V. I. Kaidanov, R. B. Mal'nik, E. Sh. Fedorenko. 12v. AN SSSR, Neorg. mat 2 no. 12 2246-2247 D 166.

LEAD TELLURIDES-THERMOELECTRIC PROPERTIES

Thermoelectric properties of n-PbTe at high tempera tures T.S. Stavitskala, V.A. Long, B. A. Efimova, Izv. AN SSSR, Neorg, mat 2 no. 12:2096-2102 D '66.

Using method of thermose m f measuring in strong magnetic fields in studying comparabolic shape of PbTe valence band L. N. Dubrovskafa and others Fiz. tvertals 8 no 7:2247-2248 Jl '66

LEAF MINERS

Elm bucculatrix, Bucculatrix ulmicola Kuznetz, sp. a. (Lepidoptera, Bucculatrigidae) a pest of elms of Trans-caucasia and Contral Asia, V. I. Kuznetsov, Dokl. AN Arm. SSR 35 no. 2:81-83 '62.

LEAF ROLLERS

To licity of some insecticides to the hemp leaf coller Grapholitha delineana G N TSybul'skala Khim v gul'khoz, 4 no 12 25-26 D '68

LEGAL PHOTOGRAPHY see Photography, Legal

LEARNED INSTITUTIONS AND SOCIETIES. ANNIVERSARIES, ETC.

One hundredth anniversary of Russian scientific technological societies D. A. Smollai enko, Stati *6 no. 12 1065-1067 D. 166

One hundredth anniversary of scientific technological societies. A,G Greznichenko koks 1 thim, no. 12-55-57 '66

One hundredth anniversary of Scientific Technological Societies, M P. Filatov Shakht, strei, 10 no 11 29-30 N 466

Scientific technological societies of the U S S R, are 100 years old [U, T, Skormakov Gor zhur no 113-7 N 166

LEARNING, PSYCHOLOGY OF Conception of interiorization, P. IA. Gallperin, Vop. psikhol, 12 no.6;25-32 N-D '66.

Development of concepts in the theory of learning N. M. Verzilin, Sov pedag, 30 no.12:53-63 D *66

Formation of still while solving specific practical and educational problems. I.V. Burtsfat, Vop. psithol. 12 no. 6-141-152 N-D '66.

Generalization problem in L.S. Vygotskii's works, V.V. Davydov. Vop. psikhol. 12 no. 6: 12-54 N-D '66.

Internal and external stimuli to tearning A. IA. Rozen-berg Sov pedig. 30 no 8 5 1-59 Ag 166.

Novosibirskii pedagogicheskii Institut. [Problems of psychology] Vojrosy psikhologii. [Omsk] Zapadne-Sibirskoe knizhnoe izd-vo, 1965. 119 p.

Problem of learning and development in L.S. Vygotskill's works, f N-D '66, D. B. El'konin. Vop. psikhol 12 no. 6:33-41

The question of interrelation between scientific cognition and learning S A Shaporinskii. Sov. pedag 30 no. 12: 43-52 D 466

Solving of psychological problems as a method of teaching students, F.I. Kashchenko, Vop. psikhol, 12 no. 6:172-175 N-D '66.

Some typologically specified characteristics of the individual style of learning activity in upper classmen. A.K. Baimetov. Vop. psikhol. 12 no. 6 128-110 N-D

LEARNING AND SCHOLARSHIP

Excerpts from B.I. Shenkman's unpublished work "Characteristics of the production of spiritual riches," Vop.filos. 20 no.12113-123 '66.

LEAST SQUARES

Determining the coefficients for power functions using the method of least squares. I L. Bolen'kii, A. IA. Sheinin Mor. 8001. 49 no. 10:66-67 O '86

LEATHER.

Effect of oiling and knowing on the corrected volumetric cutput of the ome-tuned leather L.V Konopelking, M.P.Kotov, Ev vysucheb, zav, tekh leg prom no. 5 68-74 66

Effect of the copolymer of sivrene and maleic anhydride on the properties of leather L. B. Sankin, I. P. Strokhov Izv. vys. ucheb. zav. , tekh. ieg. prom. no 5: 18-53 166

Increasing the thickness of stiff pig leather. H. V. Livyi and others. Let (20m. no. 2:66-69 Ap-Je 162.

Mechanical properties of Russian leather processed with synthetic ciling materials. 1A I, Peskin Izv, vys. ucheb zav, ,tekh. leg. p. om no, 5:51-62 166

Proporties of chrome-lanned leathers made from pig Nasylova, III, L. Kavkazov, Izv, vys. utheb, zav, tekb, leg prom no 5 75-80 '65,

Study of the effect of the variation of relative air moisture on the deformation of leather parts during the manufacturing process and the storage of footwear G.S. klimchuk, IU.P. Zybin. 12v. vys. ucheb. 2av., tekh leg prom. no, 5;108-116 66

LEATHER INDUSTRY-TECHNOLOGICAL INNOVATIONS For you, leather industry workers! Prom. Bel. 0 no. 12:30 D 166.

LEATHER-LUBRICATION

Fat-liquoring of shoe-upper feather with synthetic fats. A. M. Aksel'band, M. H. Hilf, O. N. Nozhenko. Leh. prom. no.2:55-56 Ap-Je '62.

LEATHER-TESTING

Dependence of residual elongations on the residual stresses of chrome leather uppers kept in a deformed state for various periods of time. A. Ratautas, N. Majauskione. Tay vvs. ucheh zav., tekh. log, prom. no. 5 63-

Relation between the indices of average thickness and the thickness of hard leathers at the standard point B. L. Elen, G. N. Kuprilanova, M. P. Kuprilanov I ucheb zav tekh leg prom no 5:90-97 '66 Izv vys.

LEATHER E-D'STRY-MANAGEMENT SEC Subdi, blen ut her Lyn, Ecc. omic Region

LEATHER SUPSTITUTES

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LEAVES

LEAVES, Frostl -- e sabdicision under Ustyurt

LEBANESE STATES IN SE. Statesmen, Lebanese

LEPFD.A., VLADIMIR IVANOVICH, 1894-1966—BIB-LICOPAPHY see Embligraphy—Lebedev, Vladimir

LECTION

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LECITHE, ASE - LOYICOLOGY

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tagen of the death of Metiopolitan Petr." V. A. kuch-tagend of the death of Metiopolitan Petr." V. A. kuch-ta. Tindy ODRL 1859-79 '62, the legged 1 'On the island of Cyprus, "an unknown literary Lerdmars of the 17th century O A Relibbrova, Trudy ODRL 18 311-323 '62.

LEGISLATION

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Lifect of photopericalic reaction on some species and carieties of leguminous plants. E.I. Rahanova. Sel'khoz. biol. 1 no.6 826-834 '66.

LEGUMINOSAF

Proteins, free amino acids, and peptides of the vegetative organs of some leguminous plants, A.K. Ripa Biol. Glav bot sada no 63 47-53 166

LEISHMAN*I*ASIS

Conference on diseases transmitted by sand flies T. I. Dergacheva, L.N.Eliscov, O f Kellina Med paraz i paraz hol 31 no . 631-637 S-O 162

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LEIBNIZ, GOTTFRIED WILHELM, FREIHERR VON, 1646,1716

Leibniz and books. A Frimakovskii. V mire bnig 6 to 12 16 D '66

LEMON-FERTILIZERS AND MANURES

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LENA DELTA-ICE-WEDGE POLYGONS

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LENA RIVER-SHIPPING

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LENA RIVER-WHITE ISHES

Fall and vinter feeding habits of migratory whitefishes in Lena River V V Kurnetsov, E N Aleksandrova Vest Mosk un Ser 6 Biol , pochv 21 no 143-18 Ji-Ag '66

LENA VALLEY-ALLIVIUM

Alluvial formations in the cross section of Cretaceous and Olenek I I, Vash henko Izv vys ucheb zav., geol 11 azv 6 no 6 15-54 Jc 163.

LENA VALLEY-CONCRETIONS

Mesozoic concretions of Lena-Olenek region A. V Ivanovskana, N. T. Mandrilova Geol i geofiz no 9:

LENA VALLEY-PALEOBOTANY, STRATIGRAPHIC

Microphytologic characteristics of Lower Paleozoic sedi-ments of Markovo oil field V. A Rudavskala Geol I geofiz no 9:146-148 '66

LENIN, VLADIMIR IL'ICH, 1870-1924

Antonov, S. F. [Dear leatures, stories about Lonin]

Dorogie cherty; rasskazy o Lonine. [Moskva] Molodaia gvardiia, 1966—142 p.

Beginning of the Lenin phase in the Uki ainian historio-graph, N Lipovchenko komm Uki il no 12:37-48 D '66

Children of the October Revolution. Al, Mil'chakov. Sem'ia i shkola 21 no. 11.1 N '66.

Comments on Lenin's "Decree of land" in Transcaucasia at the end of 1917 and beginning of 1918 I T. Monukinn Vest obshehosty nauk AN Arm SSR no 5;17-27 My 60

Development of Lenin's theory on the party in the program of the CPSU and documents of its 23d Congress, G.I Shitarev Vop 1st KPSS 11 no 1:88-07 Ja 167.

Development of the theory of the revolutionary situation by V I Lenin P. Bachinskii, M. Konovalov. Komm Ukr. 41 no 1 27-35 Ja '67

A document included for the first time V.I Lenin's volks, M M. Persits Vop. nauch, atei/ no 1;275-281 '66

A gift B Simkin, Sov. Ukr. 12 no. 1/111-113 Ap 162, The importance of each letter, L. M. Zak, Ist. SSSR 10 no 6 221 N-D 166.

Lectures on the subject of "V. I. Lenin and education" in Ivano Frankovsk Province, D. S. Kostenboi, Ukr. ist, zhur, 10 no. II-159 N '66,

"Lenin, the publicist" by B V IAkovlev Reviewed by A Baltaha Sov. Ukt. 12 no 4:171-173 Ap 162

Lenin's criticism of idealistic gnoscology. G. Kursanov. Kommunist 43 no. 18.79 -89 D *66

Lenin, V.I. [On the Great October Socialist Revolution]
O Velikol Ostiabr'skol sotslalisticheskol revolutisti,
Izd. 2. Moskva, Politizdat, 1966. 383 p.

Lenin, V.I. [V.I. Lenin on Soviet socialist democracy]
V.I. Lenin o soveiskoi socialisticheskoi domokratii. Izd.2.,dop. Moskva, Politizdat, 1967. 252 p.

Lenin, V.I. [Wartime correspondence, 1917-1922] Voen-nala perepiska, 1917-1922 gg. Moskva, Voenizdat, 1966, 453 p.

Musliumov, I.S. [V.I. Lenin's work "Current problems of the Soyiet Government"; lecture for correspondence students] Rabota V.I. Lenina "Ocherednye zadachi So-vetshoi ylasti"; lektsiia diia studentov-zaochnikov, Baku, Azerbaidzhanskii pedagog, in-t iazykov, 1966, 24 n. 24 p. (CSt-H)

The principle of historicism in V. I. Lenin's methods of scholarly study, based on his works published in 1893. V. V. Itanov. Trudy TGU 180-83-105 185.

The problem of Lenints submantiation of the new eco-mic policy (F. B. Genkina - Vop. 1st. KP55, 11, no. 1.)

Troffmov, P.S. [Lenin' party spirit and realism in art, historical and theoretical sketches] Leninskala [414]]nogi' i realizm v iskusstve, istoriko-troretichi kie etiudy. Moskva, Sov khudozimik, 1960-287 p

Uzikov, II. A. [60 days with V. I. Lenin, from the life of S. P. Zhellyshev, former soldier of the Volval the line of a nide to V. I. Lenin] [00 due 5 V. I. Leninyu, I. zakan S. P. Zheltysheva, hyvshego noldata Volyankayo palis i, poruchentar V. I. Lenina, Ufa, Bashkir skue faitzhmon (CSt. II)

V.I. Lenin's aesthetic tastes. M. Parkhomenko. 31/1-komm. no. 11-51-59. N. 61

V.I. I onin and the All-Union Academy of Sciences, V Bouch-Bruevich, V mire knig 6 no 11 15 25 (20)

V.I. Lenin and the introduction of radiobrouch satisfaction, Razakov, Sov. radio 1 tel. 12 no 5 15 1# M, 413 V. L. Lenin and the problems of aesthetic education

G Secontor Trudy GDI no 46 128-141 64 V.I Lonin in the organi ation of infectious discuss that ted B, M Potalov Zhar mikrobiol, epid i in sonn 33 no $6.3 \cdot 7$ Je $^{1}6.2$

V. I. Lenin on propaganda at industrial caterprises. K. Pavlychova - Trudy GIST no. 46 (21:482 - 4c).

V.I. Lenin on relationship between party prop grant card the facts of life - V Dobrokhotov - Trudy Gist no 16 s

V. I. Lenin on the bourgeois studies devoted to the lifting of the Great Outober Socialist Revolution, II, II, Charnykh, Ukr. ist. Zhur. 10 no. 11:4-12 N 66,

VI Lento on the importance of many information on the program of the party | I Bespfatykh | Trudy (dol no 45) 53-70 [6]

V. J. Lenin's 'philosophical notebook i. A. Karzii (1122).
Kommunist. 43. no. 2,35-44. 11. 187

V. Uldanovia paper, B. Smirenskii. V mite knip 6 no. 1248 D 466

Victory of the Lenin cooperative plan. P. Ignatos akti, Ekon, scikhoz 42 no 199-21 N 106

Yolkoy-Launit, L.F. [A voice preserved to continuen; how they recorded and restored the specches of V. F. Lenin] Golos, sokhranennyi na veka, kak zapinali i v v stanovili rechi V. I. Lenina. Led. 2., dop. Meskva, i k s atvo, 1966, 62 p.

LENIN, VLADIMIR IL'ICU, 1070-1024--HOMES AND HAUNTS

L'vov, I.A., and P.E. Nikitln. [Lenin in Raylis] Letin v Razlive. [Leningrad] Lenizdat, 1068—92 p

LENIN OIL FIELD-HYDRAULIC TURBINES

Using hydraulic turbine unita for a crooving paraffin de positions of tubing and investigating oil wells in Oll Field Administration of "Lemme ft", " B.P. Savid Nefteprom delo no 12 15-19 166

LENIN OIL FIELD—PARAFFIN WAX

Using hydraulic turbine units for removing per offin it positions of tubing and investigating oil wells in (b). Field Administration of "Lemmuch". H. P. Saski. Nefteprom, delo no. 12:15-18 *66

LENINGRAD-APARTMENT HOUSES-DESIGN AND CONSTRUCTION

First nine-did y aparlment bounce of series [1 μ - 606, N.1, IARKer. Strof, 1 arkbit, Len $=20~\rm ms$, 10,18 $^{\circ}0$ O 166

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LENINGRAD --- ARCHITECTURE

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LENINGRAD—ART—STUDY AND TEACHING Traveling painters from Siverskaya, Scintia i shkola 21 no. 11:30-31 N '68.

LENINGRAD...ART GALLERIES AND MUSEUMS Oriental lectures at a assaion of the State Hermitage. I.V. Rapoport Nat Az. I Afr. no. 6:170-171 166

LENINGRAD—ARTISTS

Punina, I. N. [St. Petersburg Artel of Artists] Peter-burgskala Artel' khudozhnikov. Lendugrad, Khudozhnik RSFSR, 1906, 77 p. illus. (Mil)

LENINGRAD—BALLET

Unbeaten path. A. Vladiminskaia, Toatr 24 no. 7:40-41 J1 163,

LENINGRAD BUILDING MATERIALS TESTING

Present-day methods of controlling the quality especiality.

A. Minin. Na stroi.Ros. 4 no. 10:15 O 163.

LENINGRAD-BUSINESS ENTERPRISES

TSarkin, N. V., ed. [Firms and economics, from the work practice of Leningrad industrial combines] Firmy i ckonomika, iz opyta raboty leningradskikh proizvodstvennykh ob edinenti. Sbornik stater [Leningrad] Lenizdat, 1966. 228 p.

LENINGRAD—CARGO HANDLING

New technology for the servicing of the fleet. V Gunin Rech, transp 25 no 12 15 166,

LENINGRAD-CITY PLANNING

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LENINGRAD-CONSTRUCTION INDUSTRY

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LENINGRAD—CONSTRUCTION INDUSTRY—MANAGE-MENT

Concentrate attention on solution of principal problems, E.V.Sharashkin, Strd., in thit Len. 28 no 10 21 O 166.

LENINGRAD—HISTORY <u>Pirogov</u>, **P. P**. [Vasiliy Island] Vasil'evskii ostrov. [Leningrad] Lenizdat, 1906, 180 ρ. (Iz islorii ratonov Leningrada)

LENINGRAD—HOURS OF LABOR

A new work schedule and the law. A. Kliuev, T. Ivan-kina Sov profesouzy 22 no. 23 32-35 D 166

LENINGRAD—ILLEGAL LIBRARIES

Å library on Nevskiy Prospekt. O Λ Saikin. Vop. ist 41 no 12:208-209. D $^{1}66,$

LENINGRAD—INDUSTRIAL BUILDINGS—DESIGN AND CONSTRUCTION

Industrial structures in the building of Leningrad, V.D. Kirkhoglani Stroi, i arkhit Len 25 no 9:6-8 S (63

LENINGRAD—INDUSTRIAL MANAGEMENT

Potentials of the growth of production and their utiliza-tion, E.V Mazalov Uch zap, Kaf sov chon Vys part shkoly no. 3:102-108 '64

LENINGRAD-INDUSTRIAL PLANTS-DESIGN AND CONSTRUCTION

At the Kirov Plant; new departments for the manufacture of extremely powerful tractors. S P. Chaburin Stroi larkhit, Len 25 no. 9.9-11 S '63.

For the Leningrad turbine builders; plan of the engineering building. Strot i arkhit, Len. 25 no. 9 12-13 S '63.

LENINGRAD-INSTRUMENT INDUSTRY-MANAGEMENT

Menshutin, A.A. [Scientific labor organization and eco-nomics] NOT i ekonomika, [Lening1ad] Lenizdat, 1966, 36 p. (Shkola sotsialisticheskogo khoziaistvovaniia)

LENINGRAD-LABOR AND LABORING CLASSES

LENINGRAD—LABOR AND LABORING CLASSES
Influence of technological progress upon changes in the
nature of workers' labor, V. P. Vestlov. Uch, vap. LGU
no. 293:64-74 '80.

Semanov, S. N. [The workers of St. Petersburg on the
eve of the first Russian revolution] Peterburgskie
rabochie nakanune pervoi russkoi revolutsii. Moskva,
Nauka, 1966, 169 p.

LENINGRAD-LANDSCAPE ARCHITECTURE

Landscaping new areas. Strol, I arkhit, Len 25 no. 5-21-25 My 163.

LENINGRAD-MACHINERY INDUSTRY-MANAGEMENT Economics and the collective. A. Demeshko. Sov. profectivey 22 no. 2314-6 D 166.

LENINGRAD-MANUSCRIPTS-CATALOGS

Catalogs of the collection of manuscripts published by the Library of the Academy of Sciences of the U.S.S.R. A.I.Kopanev. Sov.bibl no.5;82-90 164.

LENINGRAD-METAL INDUSTRIES-MANAGEMENT

Indices of the volume of production and their signifi-cance to the mobili atten of internal potentialities I Sh Sabitov Uch zap kaf sov ekon Vys part shkoly no 3 31-38 164

LENINGRAD-MILITARY MUSEUMS

[Short guidebook to the Millary History Museum of Artillery, Engineer Troops, and Signal Troops] Voenno-is-torlcheskir muzei artillerii, inzhenen nykh voisk i voisk svizzi Kraikii putvoditei! S izd Pod obshehel red A A Bumagina, Lenngrad, 1986 231 p

LENINGRAD-MOTORBUS LINES-PASSENGER TRAFFIC

Passenger traffic in Leningrad, G. Nifkiforov, Avt. transp. 44 no 12 19-20 D 466.

LENINGRAD-MUNICIPAL SERVICES

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Utilities installation, L. M. Zelikman, Strot. 1 arkhit. Len. 28 no. 11 38 N '66

LENINGRAD-PILING (CIVIL ENGINEERING)

Pile foundations for construction on Vasili Island, A.E., Kiantsfelld Stroi Larkhit Len 28 no. 11 39 N 466.

LENINGRAD-POLICE SERVICES FOR JUVENILES Licutenant Koshkarova's friends and assistants [U. Luk'-ianov. Sov. professiony 22 no. 24 27-28 D '66.

LENINGRAD—PUBLIC BUILDINGS—DESIGN AND CONSTRUCTION

Public buildings. A.I. Lazarev and others. Strot i arkhit Lon 28 no. 11 33-36 N 168

LENINGRAD—RATS

Some data on the reproduction of the brown rat in the Lening ad commerical port N.S Kituchnik Trudy Gog. nauch. -issl protivochum.inst 18,253-247 159.

LENINGRAD-RECLAMATION OF LAND

Where once was sea. P. A. Borodachev, Z. I. Lavrovich, Stroi, rankhit. Len. 28 no. 11 37-38 N 166

LENINGRAD-RECREATION AREAS

Areas of greenery and spotts of facilities L.M. Lebedeva Stroi i sikhit Len 28 no. ll 23 N 166.

LENINGRAD—RESTAURANTS, LUNCHROOMS, ETC.—ACCOUNTING

Centralization of accounting in public dining. V. Labin-skii, E. Muravliantseva. Bukhg. uchet no. ll:20-22 N '66.

LENINGRAD—REVOLUTION, 1917-1921

Erykalov, E. F., [The October armed uprising in Petrograd in 1917] Oktiabr'skoe vooruzhennoe vosstanie v Petrograde v 1917 godu. Moskva, Znanie, 1966. 41 p. (Novoe v zhizni, nauke, tekhnike. I Serifa: Istorifa, po 10 МH

LENINGRAD-SCHOOL LIBRARIES

School library is a part of universal elementary education A Lutina, I. Shvarts Bibliotekart 44 no. 1:30-40 Ja '67,

LENINGRAD—SCIENTIFIC LIBRARIES

The Libi ary of the Academy of Sciences of the U.S.S.R. as a coordinating center of bibliographical work in the field of natural sciences, physics, and mathematics. A.I. Mankevich. Sov. bibl. no.5 60-68 '64.
May on 250-year -old library attain further successes!

Soy.bibl, no.5:19-28 61.

Our greetings to the Library of the Academy of Sciences of the U.S.S.R. Sov.bibl. no.5:15-16 164.

The Sector of Information of the Library of the Academy of Sciences of the U.S.S.R. and its bibliographical service to readers. A.D. Aleksandrova, G.N. Pankova, Sov.bibl. no.5:69-75 61.

The 250th anniversary of the Academy of Sciences of the U.S.S.R. M.S. Filippov Sov. bibl. no.5;20-42 '64' The 250th anniversary of the Academy of Sciences of the U.S.S.R. Sov. bibl. no.5:16-18 '64.

Work of the Library of the Acade my of Sciences of the U.S.S.R. in the field of the bibliography of science. S.P.Luppov. Sov.bibl. no.5:43-59 '64.

LENINGRAD-SOVIETS

"Bolshevization" of the Petrograd Soviet and its class and party structure. M.N. Polekhin. Trudy LPI no. 261;16-31 163.

LENINGRAD—STEAM TURBINES—DESIGN AND CONSTRUCTION

The 300, 000 kw capacity steam turbing developed by the Leningrad Metalworks passed the factory tests. A Lovin. Energomashinostrocnie 7 no. 1:44 Ja '61.

LENINGRAD-TECHNOLOGICAL INNOVATIONS

The councils of innovator 9, a form of the participation of public-spirited works is in a chaological progress, based on the materials of Loningrad T. I. Dreva, Trudy LPI no 261 ai-102 th6

LENINGRAD TECHNOLOGY

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LENINGRAD-TELEVISION-TRANSMITTERS AND TRANSMISSION

A unique metal tower G.M Toistobros Su ol. i at khit Len 25 no 5 10-12 My '63

LENINGRAD-TELEVISION BROADCASTING

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LENINGRAD-TELEVISION STATIONS

What the talevision workers have to say Strong arkhit Len 25 no 5 13-14 My 463,

LENINGRAD-TELEVISION STATIONS-DESIGN AND CONSTRUCTION

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LENINGRAD-TRACTOR INDUSTRY

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LENINGRAD-VEGETABLE TRADE-MANAGEMENT

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LENINGRAD-WATERFRONTS

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LENINGRAD ECONOMIC REGION—CONSTRUCTION INDUSTRY

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LENINGRAD ECONOMIC REGION-MAPS

General geographical atlas of the Leningrad Administra-tive Economic Region A.G. Durov Mat Old, mat geog I karl Geog ob-va SSSR no 2 30-43 452.

LENINGRAD ECONOMIC REGION-TECHNOLOGICAL INNOVATIONS

introduction and use of new equipment are important conditions for increasing labor productivity. I V Semenov Uch, zap, Kaf sov, ekon Vys part shkoly no 3:49-58 -64

LENINGRAD PROVINCE-AGRICULTURAL WORKERS-EDUCATION AND TRAINING

Danilova, A.A. [School of progressive practice on a state farm] Shkola peredovogo opyla v sovkloze. [Moskva] Profizdat, 1966, 29 p. (Bibliotechka sel'skogo profisoluznogo aktivista, no. 11(50))

LENINGRAD PROVINCE—CLUBROOT

Some morphological characteristics of the root system
of turnips I.A. Galonders. Shor trud. asp i mol.
nauch, sotr VIR no 2 144-150 [6]

LENINGRAD PROVINCE—DRAINAGE

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LENINGRAD PROVINCE—FORESTS AND FORESTRY

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LENINGRAD PROVINCE-RRIGATION

Medioration on farms in Leningrad Province. G. I. Kozlov Zemledelic 28 no 10:22-24 O '86

LENINGRAD PROVINCE—MACHINERY INDUSTRY WORKERS—EDUCATION AND TRAINING

Long-range planning for training engineering and technical personnel in industrial enterprises, V. R Polozov Uch. 2ap LGU no. 293;43-63 '60.

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LEND-GRAD PROVINCE—TECHNICAL EDUCATION Congresses planning for training engineering and technical fersonnel in invastrial entappieds. V. R. Polozov, Leh. 249, Leh. no. 238-13-53-66

LEUDIGRAD PROVINCE—TURNIPS—DISEASE AND PEST RESISTANCE

Some morphological characteristics of the 16ot system citizans 1.1 Galanters. Shor trid aspir mol nauch son. VIR. n. 2.244-150. Jul.

LENINGRAD REGION—RESTAURANTS, LUNCHROOMS, ETC.—DESIGN AND CONSTRUCTION

In the pair at Pairodyorets. A K. Barutchev. Stro. i arealt Lin 28 no. 10 24-28 O 166.

LENKORAN' DISTRICT-PALEOBOTANY, STRATI-GRAPHIC

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Ab. 5 Debabarova. 12v th Azeth SSR Sir hauf o

zem ro. 4 °-13 thu

LENKORAN' LOWLAND-FERTILIZATION OF

PLANTS

Effect of artiffeinl additional pollination on the yield and
quality of sec is in the Lenkoran' zone or the subtroples
of 'zerbaijan' M. A. Marredov Dolf AN Ascrb SSR
18 no 4 69-72 '62

LENKORAN LOWLAND-TEA

Circet of artificial additional pollination on the yield and quality of seeds in the Lenkoran' zone of the subtropies of Azerbaijan M A Mamedov Dokl AV Azerb Ser lå no 4 69-72 '62

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LEPROSY-CONGRESSES see subdivision under Soviet Central Asia

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Experimental study of the susceptibility of small manimals to various serological types of leptospia - Report No. 1: Susceptibility of white mice to Leptospia grippotyphosa and muris, author's abstract L P Semenova, IU, G Chernukha Zhui mikrobiol, epid : immun 33 no 6 94-95 Je '62.

Surological characteristics of protein and polysacchatide fractions of complex antigen isolated from leptospica A, S Samedo" Zhor mikrobiol, epid.j immun. 43 no ll:13-17 ll '66

LEPTOSPIROSIS

(see also subdivision under Caucasua, Northern, Novosibirsk Province, Odessa Province, Porech'ye Rybnoye region, Yaroslavi Province)

Differentional diagnosis of Leptospit osis in swine, V.I. Popov, Veterinattia 43 no 12:25-27 D 166

Lepiospirosis in dogs. S. A. H'Inskil. Veterinariin 43 no 12 27-28 D'66

Role of farm animals in the epidemiology of anictoric leptospirosis, author's abstract B.N Mikhallovskii Zhur mitrobiol , epid i immun 33 no 6 91-92 Je'62.

LERIK DISTRICT-ROCKS, IGNEOUS

Primary sinuctures and morphology of Rozanovo sub-effusive intrusion. M. Velicv Izv. AN Azerb, SSR. Ser nauk o zem no. 4:39-43 '66

LERMONTOV, MIKHAIL IUR'EVICH, 1814-1841— HOMES AND HAUNTS

Gadzhiev, Bulach. In the footsteps of M. IU. Lermontov in Daghesian! Po sledam M. IU. Lermontova v Dages-tane. Makhachkala, Daguchpsdgiz, 1965. 109 p. In L. tane. M. (MH)

Vyrygaev, P.A. [Lei montov is with us; the M. IU. Ler-montov State Residence Museum. A guidebook] Ler-montov s nami, Cosudarstvennyl muzei-usad'ba M. IU. Lermontova, Putcyoditel'. Suratov, Privolzhskoe knizhnoe izd-vo, 1966, 87 p.

LETTERS see subdivision under Ust'-Tsii'ma (Komi A S. S. R.

LEUCOCYTES

Changes in the leucocytic reactions in rats during an acute phase of radiation sickness following an injection of protein stimulants. N.I.Shmeleva. Vop. radiobiol 4:111-116 161.

Diagnostic and prognostic value of the urine rolor sedi-mentation test and the reaction of comparative leukocyto-sis of the blood in the freatment of chronic tonsillitis in children L.A.Shakhnovich. Azerb.med.zhur. 40 no.4-93-98 Ap '63

Effect of cosmic factors on the blood system N. A. Shul'ts. Probl. gemat. i perel. krovi 8 no 3,30-26 Mr 163

Functional activity of leucocytes in experimental radia-tion sickness V A Almarov, L M.Bi our N V.Kurt-mina Radiobiologita 6 no 5 700-703 166

Mechanism of antismalipox immunity. Report No. 1 The role of bucocytes in antismalipox immunity Experiments in vivo. IU N Mastinkova. Vop. virus. 8 no 4 492-198 JI-Ag 163,

Mechanism of undate diphosphoglacose synthesis of glycogen in laman leucocytes L. F. Stits I. S. Luganove, A. D. Vladimirova Brokhimita 28 no 2:295-302 Mr. -

Partial cartices of Pelger's leukocyte anomaly; an abstract. V.11 Shats Probl. gem it i perel knowl 8 no 3 53-54 Mr 163

no a state Rr '63

Tolle of the glycocotticoid activity of the adrenal cortex
in the decelopmental internal sin of loucocytic reaction
to parenteral administration of protein substances. A
Christiaskit, V R Grinslina. Probl.gemat I pere).

krovi 8 no 3:14-19 Mi '63.

Storificance of determining alkaline phosphotase of louco-cytes for the diagnosis of disorders of the cerebral blood circulation M. G. Shubich, V. I. Shruyava, A. A. Ashman Zhuravava, parki, 67 no 129-32 for

Significance of the change in some leucocytic reactions radiation sickness C, I Komarov, Vop radioblel, 4;117-125 '61

Study of the physiological cycle of the life of teucocytes; a review of literature Probl. gemat i perel krovi B no. 2.44-51 F 463,

LEUCOCYTOSES

Significance of local (topographic) leurocytosis in the differential diagnosis of some scute intestinal infections.

M. M. Budzhe, L. I. Izrailet Sov med 26 no 3 18-124

LEUKEMIA

Amino acid composition of leucocytes in cattle leukemia, V. A. Erosbin Veterinatija 43 no 1 38-10 Ja 167

Effect of eleutherococcus on spontaneous leukemia in mice A.N.Stukov, Vop.onk. 12 no.11-126 '66, Mechanism of the leukemegenic effect of radiation; a survey of the uterature T.P.TSessatskala Probl gemat i perul krovi a no 3.28-32 Mi '03

Spontaneous leukemia in carnivora S. F. Sakharov, S. A. Tarasov. Vetermarita 43 no 1:40-42 Ja 167.

LEVEL INDICATORS

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LEVOMYCETIN

Effect of vitamin B₁ on production of immune antibodies in mice following levens cetin injection M, V, hayvo-sheleva. Mikrobiol zhu. 28 no.8:75-78 166,

LEZHAEV, FEDOR NIKANOROVICH, 1930-1966 Feder NiPanorovich Lezhaev; obituary Gor, zhu: . no 12-71 D 188

LIABILITY (LAW)

Liability for injury to a servicemen's health and repara-tive payments to a servicemen's dependents after his death. V Titov. Sets zaron. 43 no.12;39-11 D '56.

LIASHCHENKO, KIKOLAI NIKOLAEVICH, 1884-

The tale "The blast furnace" by N. Liashko, and the novel "Cement" by F Gladkov IU M. Nikishov Uch rap kal gos ped inst 43 86-112 '65

LIASHKO, N., pseud, see Liashchenko, Kikolai Nikolaevich, 1884-

LIBERTY

Some aspects of Marxist-Leninist concepts of freedom. T.I. Oizerman Vest. Mosk. un. Ser 8: Filips. 21 no. 3:25-34 My-Jr 166.

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tew words about our "profession." A. Rabin, Bibliotekar' 44 no. 1:46-48 Ja 161.

LIBRARIES

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Important problems. G.P.Fenotov. Sov.bibl. no.543-11

Prospects for the development of library work in the R.S. F. S. R V. Serov, A. Maiskhov, E Fenelonov, Bibliotekar' 44 no. 1:1-9 Ja D 167,

Recommended regulations on the unified networks of public libraries. Bibliotekari 44 no. 1:54-56 Jg 167.

LIBRARIES—BRANCHES, DELIVERY STATIONS.

Taking into account special problems in the building and planning of each city. IU. Obrosov. Biblioteker! 44 no. 1;23-29 Ja '87.

LIBRARIES, CHILDREN'S

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LIBRARIES, CHURCH (see also subdivision under Solovetskiy Librari) Meterials on the history of old Russian bibliographs, E. E. Granstrem, Trudy ODILL 18:309-111 h.

LIBRARIES, SPECIAL

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LIBRARIES, YOUNG PEOPLE'S

There should be an orderly service to young router a 1. Controller ata. Ribitations 1. 11 no. 1.11-16 1. 16.

LIBRARIES AND READERS
(see also subdivision under Astraklam Province, Elektrostal', Moscow Province, Kulsur Volley; Stavropoli

A few words about our "profession," A. Rabbi, Bibliotekar! 41 no. 1816-19 Ja 161.

Letters to the editor. Bibliotekar! 14 no. 1,77-00

The Sector of Information of the Library of the Act is red of Sciences of the U.S.S. R. and its bibliographical service to tender a. A.D. Aleksanch ova, G.N. Perk. a. Sov. 501 | 10.5 18-75 | 64.

Tine stories. S. Magidson. Bibliotekar! II no. 121 11

LIBRARY CATALOGS age subdivision under Latyle

LIBRARY SCIENCE

Letters to the editor. Bibliotekar! II no. 1:57 60 Juli 47.

LICHEN PLANUS

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LICHENS see subdivision under Maritime Territory

LICORICE

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LIE ALGEBRAS

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LIEBKNECHT, KARL, 1871-1919

Karl Liebknecht's and Rosa Layeraburg's ninggle s, are of the counterrevolution during the Patech of Derender 6, 1918. E. K. Zakharchonko, Vop. Int. nlav. (1907), 1247-766.

LIEPAJA (LATVIA)—GUIDEBOOKS

Korklysh, S. [Liepaja. Translated from the Latvim] Liepaja. Riga, Liesma, 1980. 53 p.

General problems of stability and biogenesis, 1.A Nikolaev. Zhu, fiz khim, 40 no, 11-2665-4640 %

Oparin, A.1. [Origin and initial development of Ric] Vozniknovenie i nachalboe razvitie zhizni. [Morkea Meditsina, 1968] 202 p.

LIFE PRESERVERS

Life rings from synthetic materials, A.P.Opatovakii Trudy LIVT no. 02:101-109 165.

LIFESAVING APPARATUS

New life rates of rigid construction V. P Guding, P. Sudostroenie 20 no 12:39-40 D '62

LIGAMENTS-WOUNDS AND INTIBUES

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Fluctuations of arrival angle of light waves from exterte t accuracy in arrival angle of light waves he meate it source in turbulent atmosphere. M. A. Rallien state, A. I. Kon. Izv. vys. ucheb. zav., radiofiz. 9 no definition of the control of th

LIGHT-EFFECT ON PLANTS soo Plants, Lifect of light on

LIGHT-PHYSIOLOGICAL EFFECT

Combined effect of X and light rays on the retine, 11, 12, Katashnikov, Vop. radiobiol, 4,76-85 61.

Effect of lighting on conditioned rollexes in close with various types of higher nervous sciivity. N.E. Miklen . a Zhur, vys. nerv. deist. 12 no 3:517-520 My-Je *62,

LIGHT-SCATTERING

Light scattering and viscosimetry of polyvinyltrimethylsil-ane solutions A B, Duchkova and others Vysokom seed 8 no 10:1814-1817 O '66

Methodology of studying scattering of light in cloudy fluids. M 1. Shakhparonov Vest Mosk un Sci 2 Khim 17 no 5:3-6 S-O '62

LIGHT-TRANSMISSION

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LIGHTNING PROTECTION

COnsideration of inpulse corona in the calculation of Hightening protection of substations using digital computers. V S Shatin, V V Bazutkin. Its vys ucheb zav., energ. 9 no 11 20-25. A 166

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Centrolling the process of the structure formation of gas concrete and gas silicate 9.4 Krzheminskit, B B Kryzhanoskii Shor trud RCSNIINS no 24:98-39 462

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Method of experimental determination of stresses on cellular control in autoriave treatment. A.I. Avakov, I T IAkovlev, k E. Geriahov Izv. vys w hebranv., stroi i atkhit. 9 no 9:133-137 '66.

Practices in manufacturing the expended concrete wall princips and blocks with time rash binder N V Ivakhno Shor trud ROSNIMS no 24:73-80 '63

Study of the formation of porous structure in gas concretes, S.G. Danilova, IU M. Butt, N. S. Panina Trudy MMH11 no. 41 118-128 163.

Activation of carbonized lighth G. A. Malakhov, F. T. Nizhegot odtseva Gidt oliz, a le sokhim, prom. 19 no. 8, 10-12 166.

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LIGNITE

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Strengthening of the colud granules of brown coal by secondary carbon V. IA, TSarev, K. I. Syskov, IU, G. Korolev Trudy MKHTI no 12:12-16 '63

Studying the lumbing of brown coal V.IA, TSaray, K.I. Synkov Trudy MKHTI no.42,5-11 '63

Use of humic fertilizers made from brown conf. N.A. Over chut. Pochv.usl. i effek. udob. no 1:102-165 /63.

LIGNOSULFONIC ACIDS

Change of the acid composition of lignosulfonic acids during their mal treatment. R.K. Belarskala, M.N. TSpikina. Trudy VNIB no.51;3-8 165

Thermal stability of cation exchangers based on ligno-sulfonates. M.N. TSypkina and others. Trudy VNIIB no. 51:9-k3 '65.

LIGNOSULFONIC ACIDS—SPECTRA
Absorption of altraviolet rays by sulfite waste liquor.
V. P. Kovalev. Shot, trud, UkrNIIB no. 7:93-101 '66,

LIKHACHEV, BORIS MIKHAILOVICH, 1906-1962

Khrenkov, D. T. [My friends, verse] Druz'ia moi - stikhi. [Leningi ad] Lenizdat, 1966, 165 p.

LIKHACHEV, DMITRII SERGEEVICH—DIODIBLIOGRAPHY Akademija nauk SSSR. Dmitril Sergeovich Likhachov.
Vatup. statlia V. P. Adrianovoi-Porets. Bibliografiia
sost. G. N. Finashinoi i M. A. Salminoi. Moskva, Nauka, 1906. 104 p. (Materialy k bioblibliografii uchenykh
SSSR. Serila literatury i iazyka, no. 7)

LIKHTMAN, VLADIMIR IOSIFOVICH

Vladimir Iosifovich Lightman; oblinary. Porosh.met. 6 no. 11.93 N 166,

LILES

Grot. V.A. [Lilies and their cultivation] Lilii i ikh kulitura. [Moskya] Izd-vo Mosk, univ., 1866. 90 p. (Scedi prirody, no.59)

Behavior of feldspars in sintering with lime. G.R. Horovik, K. P. Kaleeva, Min. syr le no. 13;78-82 66.

Effect of the Fc₂ O₃ content on the kinetics of assimila-tion of time by clinkers, M. M. Nikolaev, IU. M. Butt, V. V. Timashev, Trudy MKHTI no. 41:144-148 163.

More accurate formula for calculating the coefficient of saturation of portland coment clinker with lime V V V Volkov, IU, M. Butt. V, V Timashev Trudy Mkliff no It 155-157 '63

LIME-MATHEMATICAL MODELS

Physical modeling of the lime staker for its mathematical description A, I Glazunov Trudy VNIIB no. 51,160-

LEME INDUSTRY

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LIMESTONE (see also subdivision under Carpathian Mountains)

Use of limestone aggregate for high strength concrete. A. I. Kalishuk, V. N. Grmiuk, Vod. khoz. no. 4-172-

LIMING OF SOILS

Chemical melioration. Zemledelie 28 no 10:37 O 166 Yield and quality of corn grain as related to the rates of fertilizers and liming M M Butseregs, 1U P Kuzimenko Khim v selikhoz 4 no 12 6-10 D 166.

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LINEAR EQUATIONS

Accuracy in the solution of normal equations. V. I, Sali nikov, Izv. vys ucheb zav. geod. i aerol. no. 3:43-52

Approximate solution of linear equations. M.B.Gagua Trudy Vych tsentra AN Gruz SSR 3 27-47 162

A class of approximate methods for solving operator equations with nondifferentiable operators, O Zinchenko, Dap, AN URSR no. 7:852-856 *63.

Solution of improperly stipulated linear algebraic equations F. I Filippowich Vych mat [Kiev] no 2:78-88 466

LINEAR PROGRAMMING

Application of linear programming in the planning of fuel engineering. L. I. Istomin Trudy 1GI 18:149-161 162. Application of the distribution method of linear programming in the solution of fuel engineering problems. L. I. Istomin, V. M. Popev, A. K. Shubnikov Trudy 1GI 18. 173-178 162.

Application of the method of resolving factors of linear programming for the solution of fuel engineering problems. L. I. Istantin, V. M. Papov, A. K. Shubnikov, Trudy IGI 18:165-172 '62.

Application of the methods of linear programming in selecting fuel mixtures. L.I.Istomin, V. M. Papav, A.K. Shubnikov. Trudy IGI 18:179-183 162.

Chotov, V.V. [Accounting for related production and interchangeability in calculating the economic efficiency of manufacturing lumbering industry products] Uchet smezhnykh prolevodsty i vzalmozameniaennosti priraschete ekonomicheskol effektivnosti izgotovlentin produktsii lesnol promyshlennosti. Moskva, Tšentv, nauchno-isal, in-t informatsii i tekimiko-ekon, issledoventi na lognoti volltilezan konsentiaeli dovanii po lesnoi, tselliulozno-bumazhnoi, derevo-obrabaiyvaiushchei promyshl.i lesnomu khoz., 1965. 47 p. (Lesockspluaiatelia)

[MICROFILM]

Linear programming and the selentific organization of labor, 1 B tekhno, Put' i put, khoz, 10 no, 8:15-18

Popov, I.G. [Linear programming in economic calcula-lions for agriculture] Lineinoe programmirovanie v ekonomicheekikh raschetakh pu sel'skomu khoziajstvu; uclebnoe posobie. Moskva, In-t nar, khoz., [1961]

Selection of the optimal set of machinery in livestock farming V. Edomskii, I. Burobkin, V. Afanag'ev. Ekon sel'khoz. 42 no 12;57-62 D. 466

Solution of transport problem with time criterion, G. Karimov, Dokl. AN Tadzh SSR 9 no. 12.7-10 '66.

Use of linear programming in solving certain problems of agricultural geography. A. V. Gorolhova. M. R. Kamenetskii, A. I. Shvarisherg. Dokl. Inst. geog. Sib. i Dall. Vost. no. 10:52-58 165.

Vasillev, V.V., A.N. Klepikova, and A.G. Timoshenko. [Solution of problems in optimum planning using analog computers] Reshenic zadach optimalinogo planirovaniia na elektronnykh modeliakh. Kiov, Naukova dumka, 1966. 163 p.

LINKOV, IAKOV IOSIFOVICH, 1909-1068

IA.I. Linkov; an oblinary, Ist. SSSR 10 no. 6:225 N-D 166.

LINOLEIC ACID

Hydrogenation of ethyl ester of linoleic acid on Raney catalysts. N. S Samsonova, D. V Sokol'skii. Trudy Inst. khim. nauk. AN Kazakh, SSR 14-159-166 166

LIPETSK PROVINCE-COLLECTIVE FARMS-PENSIONS Confident step. 1. Kovalev. Sois, obesp. 41 no, 12:12-13

LIPETSK PROVINCE-MATHEMATICS-STUDY AND

Nork of progressive minded mathematics teachers in Lipetsk province A I Pospelov, Z I Slesareva Uch zap Ped inst Gerts 260,150-167 '65

LIPID METABOLISM

Ather oscier osis of the aorta, blood lipids and cholelithiasis D M. Abdulaev. Azerb mcd zhur. 40 no.4 11-54 Ap '63

Effect of "ather ogenic" diet on lipid metabolism indices and evidation processes in rate of verious ages. Chirkin Doki AN BSSR to no 9 687-690 S '66

Fifect of the pituitary preputation Adipozine on the lipoly-tic activity of fatty tissue and the content of nonestor 1-fied (free) higher catty actis in the scrum S. M. Leites, N. K. Davtian Binl, eksp. biol f. med. 55 no 5:60-63 My 163

LIPIDOSIS

Noninfectious retiruloendotheliosis, xanthomatosis and cosinophilic granulorna A Ozols 2.1A. Khvostantseva Trudy Novokuz GIDUVa 32:107-110 '65

Heigh Role of Hipids in protein synthesis N. M. Sisakion and others Biokhimita 28 no 2,326-333 Mr-Ap '63 Studies in the field of lipids. Report No. 38: Synthesis of a-O-(1-pentadeccnyl)-B, a distancylgivening G. A Serubrenif ox a and others. Khim prirod sord no 3: 306-310 '66

LIPOMATOSES

Multiple symmetrical lipomatosis, S.S.Zhuravskii, Vop. onk, 9 no 3 112-115 '63,

LIPOMYCES

Study of lipomycetes in Podzol softs A. IA, Tribunskaia Mikrobiologiis 31 no 2:307-313 Va - Ap '62

LIPOMYCES-CULTURES AND CULTURE MEDIA

Two types of space for ming in Lipomyces I. P. Bableva. Khasan Meavad Mike obiologiia 35 no 5:824-828 S-O '66

LIPOPOLYSACCHARIDES

Hexosamine containing compounds of the lipopolysaccha-ride type in the leaves of higher plants. B. N. Gladyshov Biokhimiia 28 no. 2;210-215 Mr - Ap '63.

LIPOPROTEIN LIPASE

Lipopa otein lipase as a humoral agent of the physiological anticoagulating system B. A. Kudi is hove and others Biul eksp. biol i med. 55 no 5;20-25 My '63

LIPOPROTEINS

Blood proteins and lipon oteins in patients with chronic deep pyoderma. L. 1A. Petrova. Vest, derm I ven. no. 12:36-10 '62.

Lipoproteins in the hydioplasm of liver cells in acute radiation sickness. V. D. Blokhina, C. M. Beliacya. Blokhirnita 28 no 2:272-276 Mr -Ap '63.

LIPOPROTEINS-OPTICAL PROPERTIES

Optical properties of artificial pigment-lipoprotein com-plex, IU. E. Giller, L.T. Khantova Dokl AN Tadzh SSR 9 no 12 32-36 166,

LIPS

Labium of Hemiptera (Heteroptera). 1., V. Puchkova. Dop. AN URSR no. 7:964-967 *63.

LIPS-CANCER

Isabekov, A.I. [How to prevent cancer of the lower and upper Hp] Kak predupredit ak nizbnel i verkhnel guby, Alma-Ata, "Kazakhstan," 1966. 24 p. (DNLM)

Pemphigoid form of lichen ruber planus on the red mar-gin of the lower lip T. N. Antonova. Vest derm i ven 37 no. 3:60-61 Mr '63

LIQUEFIED PETROLEUM GAS

Liquefied gases as fuel for internal combustion engines. V. P. Davydov, V. M. Popov, Trudy 1GI 18:128-134 '66. Performance study of liquefied gas pipeline. S. A. Abdurashitov, A. A. Tupichenkov, P. S. Sotnikov, Gaz. prom. 11 no. 1118-21 '66.

LIQUID CRYSTALS

Molecular structure and growth of figuld crystals. B.K. Vainshtein, I.G. Chistiskov, Rost, 2:1st. 5:163-172

LIQUID FUELS

Effect of pressure and of composition of air blast on gas formation process during the gastification of liquid fiels. V.S. Al'(shuter, C. V. Klirtkov, Trudy IGI 18:119-127 '62.

LIQUID HELIUM

Condensation of rotating helium II. R. A. Bahlidze, N. S. Gavrilidi. Zhur eksp i teor.fiz 51 no 5:1341-1343

LIQUID HELIUM (Continued)

Propagation of fourth sould in helium rest & spout S milider Zhar ekspiteor nz 51 no 5-1550-1556

LIQUID HELIUM, EFFECT OF TEMPERATURE ON

Cordensation of rotating fellum II and its densit, jump in object is audition point. E. L. Indromfasti ili. Dah 5. Taskada. Ziair etap i tooi fil. ol. no. 5.1344-1347.

LIQUID LEVEL INDICATORS

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Remote control gauging of liquid levels in tanks using selson transmission. N. M. Sarkisov, I. I. Chubov, V. G. Ulianos. Trarsp i bhran rufti ni nefteprod no 10 10-

LIQUID METALS

Diffusion of impurity atoms in liquid Ga and Sn. H I On opinen'o, P.P. Kuzimenko, IE I Kharitov. Uhr fiz shur. Il no Il 1264-1265 N. '66

Glass annealing in metallic melts | S I Silvestrovich, V M Firso. | Stell 1 Fe1 | 23 no 12 6-9 | D | 166

LIQUIDS

Laboratory apparatus of continuous action for studying injudic thase reactions V. A. Priobraziteliskii. A. M. G.Il-Uman, M. S. Furman. Khim prom. 42 no. 12,915-918. D. 466

Structure of Houlds, A A. Shiternberg, Rost Frist, 5

LIQUIDS-CSCILLATIONS

Kolesnikov, K.S. [Oscillations of a liquid in a cylindi ical tessel, methods manual in the course "Dynamics of articles" [Kolebanila zhidi osti v tsilindricheskom sosude, metodicheskom posobie po lursu "Dinamika izdelli," Moskva, Moskvysshee tekhn, uchilishche, 1964. 97 n. 1964. 97 p.

[MICROFILM]

LIQUIDS-THERMAL PROPERTIES

Nomogram for the determination of the Prandtl criterion of liquids on the saturation line. A & Chernyshev, Khim i tash topl i masel. 11 no 11,57-60 N '66,

LIQUIDS-THERMODYNAMICS

Relation between thermodynamic stability and structural characteristics of liquid, V.B Baskakova Zhur, fiz, whim. 40 no 11 2922-2024 N 466.

LISICHANSK REGION (UKRAINE)-WATER, UNDER-GROUND-POLLIFTION

Hydrogeological characteristics and contamination of underground waters of the Listchanse-Rubezhnoye industrial region of the Donets Basin A F Charkin, A D Scholov, Z A. Chavyri, Vod., kan , gidr soor no 1-132-139 166.

LISTTSYN, PETR IVANOVICH, 1877-1948

Outstanding scientist-biologist, breeder, and seed grover, M.K. kompaneets. Sel'khoz, biol, 1 no.6. grover, M.1 929-935 '66,

LISTERIOSIS

Epizodiology of 1 steriosis in the U.S.S.R. 1, 4, Barulos, V.M Kotliarov Veterinai iia 43 no. 12, 21-23 D 166,

Fleas of the jerboa Scirtopoda telum and a case of their spontaneous infection by a listeriasis agent. V.I.
IUrking. Dop. AN URSR no 71.970-972 '63.

LITERARY CALENDARS see subdivision under Canada

LITERARY STYLE see Style, Literary

LITERATURE—BIBLIOGRAPHY see Bibliography— Literature

LITERATURE—COMPETITIONS

Literary elympics. F. Fridliand, Nar. obr. no. 12:64-66 D *66

LITERATURE—HISTORY AND CRITICISM

Tolstoi, L.N. [L.N. Tolstoi on literature, articles, letters, dlaries] L.N. Tolstoi o literature, siat'i, pis'ma, dneyniki. Moskva, Gos. izd-vo khudozh. lit-ry, 1965. 783 p. (OCIW)

LITERATURE—HISTORY AND CRITICISM—BIBLIOGRA-PHY see Bibliography—Literature—History and criticism

LITERATURE—STUDY AND TEACHING

Literary olympics F. Fridliand, Nar obr. no. 12:64-66 D '665

Literature lessons in the light of sociological research. L.S. Azzerman Sov pedag. 30 no. 6 136-145 Je 186 Rivers start from springs D. Belousov. Semila i shkola 21 no. 12 39 D 166.

LITERATURE AND COMMUNISM see Communism and Ilterature

LITHIUM-ANALYSIS

Absorption flame photometric method for the determination of lithium, IU V Zeliulova, M P Nikonova, N.S Poluektov Zhui anal khim, 21 no 12 1469-1413 466

Electron paramagnetic resonance in lithium containing admixtures of group II B metals. N S Gailftinov and others Pist vied, Zhur, eksper, i teoret fiz 5 no 124-25 Ja 167

LITHIUM BORATES

Chain structure of lithium tetrahorate G, S, Mc1 mkov, V, V Tarasov Trudy MKHTI no 41 8-9 '63,

LITHIUM FLOURIDE CRYSTALS

Effect of ultrasonic waves on cicep of LiP single crystals Part 2 I h Hindm and others. Uki fiz shin. Il no Il 1245-1246 N 166

LITHIUM FLUORIDE CRYSTALS-GROWTH

Growth of LiF crystals strengthened by addition of manium, and study of their properties. I. M Beliaev and others Rost keist. 6 129-132 '55

LITHIUM IODIDE-THERAPEUTIC USE

Lypn nence in using lithium folide for the treatment of some psychotic states K.V Moskett, G.M Bellskais, I.D. Muratova, Zhur, near 1 psikh 63 no 1.02-95 63.

LITHOSPERMUM see Gromwell

LITHUANIA-AGRICULTURISTS

A section of the council of specialists, M. Grigaliumas Zemledelie 28 no 12:63-64 D '66

LITHUANIA—ATHEISM—EDUCATION
Developing a system of athersic education in the Lithuanian S S R P, P Mishutis, Vop, nauch, ate 17, no. 1
200-226 *66

LITHUANIA-COURTS

We should improve the organization of work of the people's courts of the Lithuanian S. S. R. A. Likas Sota, zakon no. 11 50-51 N '66

LITHUANIA-MILK HYGIENE

Veterinary control in the dairy industry of the Lithuanian S S R. R. Brickiene Veterinatila 13 no 11:10-12 N *66,

LITHUANIA-NONWOVEN FABRICS-RESEARCH

Method for modeling the pilling os semiwoolen stitched-kull nonwoven fabrics A, Kucingia, Izv vya ucheb zav ,tekh leg prom no 5 3-7 '66,

LITHUANIA-PLANT DISEASES-RESEARCH

Development of phytopatology in Lithuania, A. Minkevicius. Zashch. 1ast. 11 no 11-17-18 186.

LITHUANIA-PLANT DISEASES-STUDY AND TEACHING Development of phytopatology in Lithuania. A. Minkovicius. Zashch. 12st 11 no. 1147-18 466.

LITHUANIA-PLANTS, PROTECTION OF

h Lithuania, V. Kela, V. Slauta, Zashch, raet, 11 no. 11:2-5 '66,

Our comrades, L Paulekas, Zashch, rast, 11 no. 11:15

LITHUANIA—PLANTS, PROTECTION OF—RESEARCH From the history of plant protection in Lithuania. S Mastauskis. Zashch rast. 11 no 11:19-20 '66.

LITHUANIA-RADIO IN AGRICULTURE

Great and useful conversation. V. Zemskova. Sov. radio 1 tel. 12 no. 6:22 Je 163.

Our principal goal, S. Vilkas, Sov. radio i tel. 12 no.6:16 Je 163,

lithuania—radio journalism

Inviting you to "The Jaurnalistic Thursday," J. Jurevicius Sov, radio i tel. 12 no. 6;20 Je 163,

LITHUANIA-ROTATION OF CROPS

How to take into consideration the mustering of crop rotations B Gurinovich Zemiedolie 28 no 11:67-69

LITHUANIA-TEACHERS, TRAINING OF

Combining the "comprehensive" and "lesser" forms of raising the qualification. J. J. Lazauskas. Vest. vys. shkoly 24 no. 12:60-63 D 166.

LITHUANIA—TELEVISION IN AGRICULTURE

Great and useful conversation, V. Zemskova, Sov. radio

LTTHUANIA-VODKA

Production of "Kaivados" vodka in the Lithuanian S. S. R. Spiri, prom. 28 no. 5:45 162.

LITHUANIA-WEED CONTROL Herbieides In I lithuanian fiolda. J. Monstvilnite. Zahch, 13 st. 11 no 1146 466.

LITHUANIAN FOLK SONGS See Folk sones, 11th and 12

LIPTER (BLDDING)

Alchaceva, V.A., and N.N. Kut'by. [Use of prat for 11-fer; as exemplified by the "Goniconovo" flute Farm; is-pol'zovanie to fat a podstilku, na opyte woklaza "G montovo," Lealuga at, Koloa, 1905—47 p (DNAL)

LIVER

Degradation of tichalone, kajihione, nigerone, majera-and inemalione by liver on ymen. I, S. Inkonek d., Biochimiin 27 no 5:875-881 S-O 755

Diagnostic significance of radioisotope scanning of the Hyer in some endorring and other diseases go MMI 43 165 170 165 Prognomiation of fiver DNA an related to animal age.

V, V Herastmovn, B. L. Goldefrich S. H. R. P. brokhim hur, 38 no 6 580 534 95

Insulin-in activating ability of the Ryai under Co. http://a.changed insulin supply V. G. Shallopina 1415t endok i gorm 9 no 131-51 Ja-1 457 factation of acetyl and citrit absorbates from it as to co-

genuter tollowing transformation of ellips [1, 3]Hulyi, T. M. Prehonova, [10, 1] is following that, [1, 1]614-617 166

bipoproteins in the hydrophasm of liver cells in south radiation six kness - V. D. Blothina, 4° M. Itelieve Biokhimiis 28 no 2:272-276 Mt -Ap *6.1.

LIVER-CANCER

Content of free amino acids in the liver and tunars is note and mice. T. A. Govinkalina. Vop. oak. Ann. 32

Diagnostic significance of the determination of tuckets appetite alpha globulin in the blood enum of path with hepatoma. IU S Tatachaov, A.M. Republic, Vonk, 12 no. 12 26-19 105.
Letopic charlespecial theorem of the liver in maken, M.V. Liankovich, T. Kii, Abidov, Vop. col., 12 no. 12 14 56 156.

LIVER-DISEASES

LIVER—DISEARTS

Effect of methand extendence on protein metabolism; 1.14.

Hyer and on blood narum protein fractions in experimental hepatitin N.Kh. Abdullaev. Vop. and 48 in 12. no 6.627-632 N-D 166.

Effect of streptomycin on the exidation-reduction [1.5, 62, 63] in angiohepator index yaitin patients. (a, A, Al 1 dl 7 i) Azub, med zhu. 40 no 0.53-57-9 103.

Hexokinane activity in collular fractions of the Rect shealthy and officendiabetic rabbits. M. P. Fond shockinalia 28 no 2;232-237 Mr Ap. 61.

Rare case of an opisthorchosis complication, H 4, Zubov. Med.pm az i paruz bol. 31 no 5050 21 440

Use of testosics one and its synthetic analogs in the resemble of severe chronic hapatitis and lives that, it is L. K. Haikalov Sov med 26 no 3,79-81 % 12

LIVER-HYDATIDS

Diagnosis of rupture of hepatic suppurative celules - - - sis into bile ducts causing obstructive jamelies, 21 of Tagreya - Khisungita 42 no. 11 (133-135 N) to

Diagnostic arrors in extensive fiver achinecorrects, data of our observations, F.1. Mirzocy, Areshmed vhur, 40 no. 3:71-73 Mr. 463.

Disorders in the protein composition of the blocker's caused by alveolar hydrids in the liver and that reges in relation to specific and pathogenetic therepy N. N. Ozorotkovskain, M. I. Alokscova. Med prax. (1912) bol. 31 no 5:543-561 S-O 62

LIVER-SURGERY

Liver regeneration in monkeys. Z. A. Richinian 1 B. Ustine. Binl. cksp. biol. i med 55 no bi07-101 Jr. \$1

LIVER-TUMORS

Comparative study of aspartic anginotransferanc in mitochondria and in soluble part of liver cell of mice and some mouse hepatomas, T. N. Kopylova-Serribus, V. L. Nemchinskaia. TSitologija 8 no. 5:472-675 5 O

Electron microscopic study of coll contacts in sectile and solid hepatomus 10,8, Chentsov, 1, V, Ol'rt, 11, 11 TSitologlia 8 no. 5:604-609 S-O '66

Ultrastructure of transplantable hepatomas of CallA cri-Report No. 2: Flootron microst apic study of atchi-hepatoma 22 and hepatoma 48. E.L. Pyldvete, V *1 Bresler. TSitologija 8 no. 5:507-003 S-O 186

LIVER-WOUNDS AND INJURIES

Use of collagen hemostatic sponge for the riceing of wounds on liver surface. A. M. Khil'kin and others Trudy 1-go MMI 48:324-332 '86.

LIVER FLUKE

Rare case of an opisihorchosis complication N. A Zubov. Med. paraz i paraz, bol. 31 no. 5 550-541 5 0

LIVER FUNCTION TESTS

Charges in the function of the liver and Pidneys in dogs following replantation of a tremities; preliminary report 1, A said-fusselmov G Lipovetskii, L M Sabin ovn Trudy 1-go MM 19:207-219 '66

Fifect of administrative on tyrosine retention in the liver

and on its level in dog and rat blood T, N, Protasova. V P Fedotov Biul eksp' biol i med 55 no 5:63-66

V Fredom Blat coap of the Lard Solid Fishes 15; '63'

Fifect of thy old hot mone on glucose-6-phosphatase acti-vity in the liver and blood G. A Dosta Bial aksp biol 1 med 55 no 559-61 Ju 'b3'

Electron microscopic study of the liver in experimental burns V.B. Viturin Dissper khir i anest 8 no.6:39-43 N-D 63

Functional state of the liver in combined analgesic nneathesia acroiding to M.A. Topchibashev's method A. R. Atiev. F. M. Akhundov, T. A. Burtikova Azerb n ed zbur no 7-23-28 JI '52

I unctional state of the liver in patients with postronection decompensation of digestion (dumping stand ome) S. P. Markin, R. G. Nikitina Khirurgita 42 no. 11 47-33 N. 106

Notes on computation in Quick's test, O. L. Sokolova I ab. delo no 145 ¹67

Analysis of the generalized reactions in the electrogram of the cortex of the anterior brain in lizards V.I. Gusel'nikov, I I Poletaeva Fiziol thur 18 no 10-1195-1202 O 162

LOADING AND UNLOADING

Conditions for thythmical operation of railroads and railroad enterprises. I.P. Povarkov Zhel, dor. transp. 48 no. 7:30-32 Jl 166

Distribution of freight installations on sorting stations. V.P. [Aroshevich Zhel, dor, transp 18 no, 10:36-38 O 166

Hery to improve technical standardization of service I. M Morganovskil Zhel dor transp 18 no. 10 28-30 O '66

Improving transport and expediting service. G.M. Missosets. Thei dor transp. 18 no. 10:32 O '66.

Mechanized distances increase freight processing. P. P. Gorban', M.I. Mella-Guseinev Zhei doi, tinnsp. no 10:30-31 O '66,

Organization of local work in a section, III. L. Vysotskii, Zhol doi transp. 48 no II 12-11 N 166,

Unused possibilities of mechanizing loading and unloading operations. V.F. Mudrov. Zhel, dor, transp. 48 no. 7-23-27 Jl 166.

LOADING AND UNLOADING-EQUIPMENT AND SUPPLIES

Motor loader with a jaw grab N. T Goncharenko Siroi i dor mash 8 no 0:11-14 Ag '63

LOADING AND UNLOADING-MECHANIZATION

Fychange of experience in freight work mechanization.

Zhel dor, transp. 48 no. 10-81-82 O 566.

High-efficiency machines for loading and unloading operations. F A. Piadis. Zhei, dor. transp. 48 no., 10;5-10 O '66.

(see also subdivision under Tomsk Province)

Some data on laboratory research on the sorption expectly of loams M.I. Bedusenko Vod., kan., gid1, som no 1;139-146 '68

LOCAL TRANSFT

Cities need new type of public rapid transit. G. Bolonen-Fov. A. Afonina. Arknit. SSSR no. 12:49-52 '66.

LOCATION OF INDUSTRIES see Industries, Location of

LOCOMOTIVE ENGINEERS

Handling of electric train by one engine driver. V. I. Sergeev Zhel der transp. 18 no. 11.74-75 N '06.

LOCOMOTIVES

Using autonomous-type traction on nonelectrified subm ban sections (to be concluded) N. I. Beshcheva. Zhol, dor, transp. 48 no. 11 22-26 N '66.

LOCOMOTIVES-DESIGN AND CONSTRUCTION Handling a locomotive without the assistant engine driver. Zhel, dor, transp. 48 no. 7:88 Jl 166,

LOCOMOTIVES-MAINTENANCE AND REPAIR Raising locomotive efficiency, Zhel. dor. transp. 48 no. 7:83-84 Jl 166.

LOCOMOTIVES-PERFORMANCE

Locomotive performance capacity is increasing. A. V. Okhremchik. Zhel, dor transp. 48 no. 10:15-19 O 166.

LOCUSTS-EXTERMINATION see subdivision under Taj ikistan: Turkmenistan

LODZHEVSKII, ISAAK GRIGOR'EVICH, 1905-1966

Isaab Grigor evich Lodzhevskil; obituary Geol nefti i ga's 10 no 11,64 N '66

(see also subdivision under Angara Valley, Ukraine; White Russia)

Proizvodstvennyi i nauchno-issledovatel'skii institut po inzhenei nym izyskanitam v stroitel'sive. [Loss of t U.S.S.R Lessovye porody SSSR, Moskva, Nauka, 1966 254 p

V. A. Obtuchev's letters on loess M. I. Lemonovich. Izv AN Kazakh SSR Sergeol nauk no 6:10-17 163

LOGGING (GEOLOGY)

Table of values of the function $\Gamma(\mathcal{T},\psi_0)$ for theoretical calculations on gamma logging $\stackrel{\wedge}{A}$ G Abazov Zap LGI 50 no 2:69-73 '66

Theory of electric logging probes S I Vesanchuk Nauch zap LPI no 80:3-20 '62

LOGIC

Deontic logic. A.A.Ivin. Vop. filos. 20 no.12:160-171 '66.

LOGICAL POSITIVISM

Two stages in the development of Ludwig Witgenstein's subjective idealism. V V. Pichushkov Vest, Mosk un. Sei 8 Filos 21 no 3 73-83 My-Je '66.

LOKHVITSA (POLTAVA PROVINCE)—DISTILLING INDUSTRIES

Results of the work of the Lokhvitsa Distilling Combine during 1981 and its immediate tasks. I. V. Vasil'ev. Spiri, prom. 28 no. 4; 14 *62

LOMONOSOV CURRENT

History of discovery on equator of Atlantic Ocean of powerful subsurface curi ent named for great Russian scientist, M, V Lomonosov, G, P, Ponomarenko, Tiudy Mor, gidrofiz, inst, AN URSR 37 131-140 '66,

LONGEVITY

Busygin, N.A. [Secret of longevity] Sckret dolgovechnosti, Perm', Permskoe knizmoe izd-vo, 1996, 38 p. [MICROFILM]

LONGSHOREMEN see subdivision under Kazan

New method of fastening the picker stick to the slice on automatic looms, P.S. Tishin, Tekst. prom. 26 no. 12 31-32 D '86

Some methods of improving the quality of a fabric during weaving on a loom with a side vert fork. I, P. Blinov.

Izv. vys. ucheb. zav. , tekh tekst prom no. 5:00-94 '66,

Starting the loom from the picking position, V.K. Gordov, Izv. vys. ucheb. zav , tekh. teket, prom. no 5.70-78

LOOMS-EXHIBITIONS see subdivision under Great Britain, Switzer land

LOONS_PARASITES see Parasites_Loons

LORI PLATEAU-CLOVER-FERTILIZERS AND MANURES

Problems of fertilizers for clover G. B. Babaian, S. A. Karagulian Soob Lab agrokhim. AN Arm SSR no 4:

Seed production of lous species. S. V. Afrikian. Rest. res. 2 no 4:549-556 '66.

LOVE LETTERS

Love latters of the clerk Areta Malevinskii, N.P. Pankratova, Trudy ODRL 18:364-369 62.

LOW TEMPERATURE RESEARCH-CONGRESSES

Problems in low temperature physics; international conference in Moscow, N. B. Brandt, I. A. Fomin, Vest, AN SSSR 36 no. 12,40-44 D '66.

LOW TEMPERATURES

Normal component density of concentrated helium isotope solutions V. N. Grigor ev and others. Zhur.eksp i teor.fiz. 51 no 4:1059-1063 O '66.

LUBRICATION AND LUBRICANTS

Adsorption purification of inbricants with recirculation of the described lubricant. T. M. Bagir-Zade and others. Azerb.neft.khoz. 42 no. 5:35-37 My 163.

Doyzhik, O.I., and V. B. Ratinov. [Efficient lubricants for forms in the production of precast reinforced concrete] Effektivnye smazki dlia form v proizvodsve sbornogo zhelezobetona. Moskva, Strolizdat, 1966.

Effect of free alkalies and acids on the structure and properties of hydrated calcium-thickened greases IU, L. Ishehuk, V.V. Sinitsyn, V.A. Prokopchuk, Dokl. AN SSRI 171 no. 5:1145-1147 D '66.

Lubrication as a field of research. B. Vasil'ev, Izobr.i rats, no. 12:5-6 '66.

Polyunlocance as an antificitional and antivear additive to petroleum lubricant olls G V Vinogradov, N.S. Namet-Pin, M.I Nosov Neftekinodia 3 no 5 792-798 5-

Redesigning automatic lubs scators of reine holating ma-chines A I Borokhovich I N Latypov Gor zhur no 12:68 D '66

Study of the bond of concrete with the surface of molds, and choosing mold lub scants R. N. Matselmskii, I M Linkov Trudy NHZHB no 20 112-162 [6].

Valnshtok, V.V., ed, [Lubricating greases] Konsistent-nye smazki, [By] D.S. Velikovskii I dr. Moskva, Khi-miia, 1966. 255 p.

LUBRICATION AND LUBRICANTS—ADDITIVES

Possibility of the use of tetramethylic additional annantane as additive to lubricating oils. IA M Sk bodin, S. C. Rozenberg. Whim i takh topl. I masel. 11 no. 11:47-19.

LUGANSK-BAKERIES-EQUIPMENT AND SUPPLIES

TSentral'nyi institut nauchno-tekhnicheskol informatsii pishchevol promyshlomosti. [Advanced work practices in the Luganek Bakery No. 2] Peredo, of opyt raboty Luganekogokhlebozavoda No 2 [By] I. M. Panasiuk i di Moskva, 1965. 19 p (MICROFILM)

LUGANSK-WOOLEN AND WORSTED MANUFACTURE-EQUIPMENT AND SUPPLIES

Modernization of equipment in the Lugansk Woolen and Worsted Combine S. M. Katsneltson, M. L. Kreinenchutaikyi, Leh.prom. no 2:38-43 Ap-Je 162,

LUGANSK PROVINCE-COAL MINES AND MINING-ACCIDENTS

Dynamics of industrial traumatism in coal enterprises of the Lugansk Province and measures for reducing it. A. A. kravchenko, Travmotologita no. 1 9-15 [65]

LUGANSK PROVINCE-COAL MINES AND MINING-SAFETY MEASURES

Dynamics of Industrial fraumatism in coal enterprises of the Luganst Province and measures for reducing it A. A. Kravchenko, Traymatologila no 19-15 '65

LUGANSK PROVINCE-SAND

Sand vegetation of Lugansk Province and its significance for the binding of sands. A.H. Konstantinova Ukr. bot. zhur. 20 no.173-78 163

LUGANSK PROVINCE-SOIL BINDING

Sand vegetation of Luganek Province and its significance for the binding of sands. A.H.Konstantinova. Ukt bot zhur. 20 no 173-78 463

LUGANSK PROVINCE-SUNFLOWERS

Sunflower in crop rotation 1 Ivushkin, V. Kadoshnikova Zemledelic 28 no ll-26-27 N '66

LUGANSK PROVINCE-WAGES-MACHINERY INDUSTRY Where was Comrade Koroley wrong' V. Khokhloy, Agitato: 31 no 23 16-18 D 166

LUGOVSKOI, INNOKENTIESTEPANOVICH, 1904-Innokentii Lugovskoi L. Khanbekov. V mine knig 6 no 12 26-27 D 168.

LUMBER

New developments in reworking wood. Sel'. stron. 16 no. 11:17-18 N '61.

LUMBER-DRYING

High-temperature drying chamber, M. V. Rachko, V. V. Minantkov Transp. 4trot. 11 no. 11-55 N '61,

LUMBER-TRANSPORTATION

Complete mechanization of operations on landing and nafting grounds and cleaning of roads leads. O P Khal-kin. Bum prom 37 no 4-10-11 Ap '62.

Improve the organization of combined railroad and waterway transportation of timber cargoes, V. Moshkin, IU Aksenov, Rech. transp. 25 no. 12:11-12 '66,

Some characteristics of traction calculations for a timber skidding tractor, S.P. Zorin. Trakt, i sell-khozmash, no. 12 10-11 D 166.

LUMBERING

LOMBERING
(see also subdivision under Khakass Autonomous
Province; Valday Hills)
Pobedinskii, A.V. [Organization of tree folling in cuttings
with young growth) Organizatstia lesosechnykh rabot na
lesesekakh s podrostom. [Moskva] Vses, nauchno-issl. in-t lesovodsiva i mekhanizatsii lesnogo khoziaistva, 1958, 18 p. (OrCS)

(OrCS)
LUMBERING—ACCOUNTING
Glotov, V.V., [Accounting for related production and interchangeability in calculating the economic officiency of manufacturing lumboring industry products] Uchet smezhnykh proizvodstv i vzaimozamentaemosil pri raschate ekonomicheskoi offektivnosti izgotovlenila produktsii lesnoi promyshlemosil. Moskva, TSentr. nauchno-issl. in-t informatsil i tekhniko-ekon. issledovanii po lesnoj, tsolitulozno-bumezhnoi, derevoobrabatyvalushchei promyshi. I lesnomu khoz., 1965, 47 p. (Lescekspluatatsila)

MICROFILM

LUMBERING-LABOR PRODUCTIVITY sec subdivision under Stantslav Economic Region

LUMINESCENCE

Bublo, A.K., L.I. Dubovenko, and N.M. Lukovskaia, [Chemilluminescence analysis] Khemilluminestsentnyl analiz, Kiev, Tekhnika, 1966, 249 p.

Determination of sevel1 in anits of terbinin, dysprosium, and gold diamin in ettrium oxide by lumine-sectal method. V.V.F. und in 1.1.1 Vinking L.V.F. Prinking. Zhiu anal. Phin. 24 (n. 10) 119 (-1200) 166

Freed or a series of sel secures on photochemilimines— cente of serim alternatisolations—I I Sanizhinskit, FG Doniso a Radichiologija 6 no 5.646-650 (86)

Fair et production le radichimmescance of try topian G. T. Barenkoun, A. I. Mochallen R. dichologua 6 no 5 671-671 (66)

Liminoscence of plubulmides in crystallizing media, L F.Gladebenko, L G.Pikulik Dobi AN PSSR 6 no 8 165-466 Ag '62

I unmescence of the chemator -amplifier eastern P. P. Cherhenma, I. R. Ketter Dokl. IN B55R 10 no 12,929her henina. I R. Keter 933 D 166

some deep capture levels in half(II) crystals Z B Battericheva Ukr fir zhoi II no II 1259-1260 N 166

Spectroscopic study of sensitized luminescence of rare carth ross of tetra hloroman, late crystals. IU I Krasi-lov, IU V Poliskov, II P Rudouskii Izv Av SSSR Veorg mat 2 no 12 2186-2198 D 56

Vasil'ev, R. F. [Chemical glow] Khimicheskoe stechenie. Muskva, Linanie, 1967. 47 p. (Novoe v zhizni, nauke, tekhnike, XI Senila Khimiia, no l)

LUMINESCENT SUBSTANCES

Luminescent properties of the products of condensation of amphthalia and did. with 3.4-diamino musob. B N Kasovitskii, F 4 She chenko, L D Sheherbak. Zhur VKHO 11 no 6 705 186

LUMPY JAW see Actinomycosis

LUNACHARSKII, ANATOLII VASIL'EVICH, 1875-

A V lunacharskii's aesthetics. Aleksandi Deich, Nov mir 39 no 3 255-257 Mr 163.

LUNAR ECLIPSES see Eclipses, Lunar

LUNGERSGAUZEN, LEV-GENRIKH FRIDRIKHOVICH, 1910-1966

In memory of Genrikh Fridrikhovich Lungersgauzen. Sov. geol 9 no 12 139-140 D 466

LUNGS

Study of the physiological cycle of the life of leucocytes, a review of literature Probl gemat i perel krovi 8 no 2.44-51 F '63

LUNGS—ABNORMITIES AND DEFORMITIES

Specification of diagnosis of az gos lobe of the vena azygos C D Rogatina Trudy Novohuz GIDUVa 32 65-68 '65

LUNGS-ABSCESS

Causes and characteristics of repeated resections of the lungs in supportative diseases I S. kolesnikov. N V Putov. V R. Ermolaev Khiturgita 39 no 2:100-107

Preoperative preparation of patients with different forms ot chronic pilmonary suppurations V. I Struchkov, V. A. Sakharov, A. V. Grigotian Khirungiia 39 no 2: 90-95 F '63

LUNGS-CANCER

Differential radioscopic diagnosis of lung cancer A A, Shtuss Azerb med zhur no 3-39-47 Mi 162 Our experience in chemotherapy of pulmonary concer-A P Dotsunko Kim ont no. 1 117-124 165

Lung cancer, a survey of data from the Lighth Interna-tional Cancer Research Congress, F. Kh Katushev, Vop. onk 9 no 3 17-21 163

Possibilities of the rolarographic method in early diagnosts of pulmonary cancer A S Mamontov and others.

Khirungia 42 no 1148-91 N 168

Primary mediastino-pulmonary chorlospithelioma in males M S, Startchkov, I L Tager Vest tent in 37 no 3,50-54 My-Je '62 Vest tent itad.

Primary sarcoma of the lung N, V Sakharina Trudy Novokuz GDUVa 32 50-52 '65

LUNGS---COLLAPSE

Discoid atelectases, A.M. Lur'e Azerb med, zhur, no 8 14-20 Ag '62

LUNGS-DISEASES

Evaluation of tomographic sections in the diagnosis of pulmonary diseases NV, Sekharina Trudy Novokuz GIDUVa 32,47-49 '65

Indices of reactivity in the morphology of general sdapta-tion syndrome I, I, Finkel' Probi endok i gorm. 9 no.1 32-89 Ja-F '63

Vascular lesions of the lungs G. M. Sokolova Sov. med 26 no 3:20-25 Mr '63

LUNGS-DUST DISEASES

Abramovich, K.G. [Functional diagnosis of cardiopulmo-nary insufficiency in pneumokoniosis, methods of exam-ing functions of respiration and blood circulation in patients with pneumokoniosis] Funktsional nata diag-nositiva legochno-ser dechnot nedostatochnosti pri pnev-mokoniozakh, metody issledovanita funktsii dykhanita i kiovodrashchemia u bol'nykh pnevmokoniozami. Mo-skya, Meditsina, 1966. 82 p. (Biblioteka prakticheskogo vi acha) (DNLM)

Changes in the pulmonary picture in pneumoconiosis on guided serial reentgenograms with turning into various phases of respiration L K Molokova Trudy Novokuz GIDUVa 32:59-61 65

Guided set fall pulmonary roentgenog; apply with turning of the patient into various phases or respiration as a reticol for a more precise diagnosis of silicosis. L. Motolova Trudy Novokuz GIDUVa 32:53-56 '65

LUNGS-HYDATIDS see subdivision under Yamai

LUNGS-RADIOGRAPHY

Azygos lobe in the X-1ay picture A N Guseva Trudy No obiz GIDUVa 32 62-64 '65

Changes in the not mal picture of the lungs in coentgeno-grams with turning of the prtient into various phases of 1capt atton L. K. Molokova Trudy Novokuz GIDUVa 32,57-58 [65]

Changes in the pulmons v picture in pneumocontor is on guided serial contgenograms with turning into vortous phases of respiration L K Molekova Trudy Novokaz GIDUVa 32 59-61 '65

Detection of alypical pneumonia in a polyelinic by means of large-photograph fluorography B A Bakhaniev Azerb med zhur no 3 35-39 Mr ¹62

Differential radioscopic diagnosis of lung cancer A. A. Shtuss Azerb med zhur no 3:39-47 Mi '52

LUNGS-SURGERY

Anesthesia and the loss of blood in openations on the lungs in tuber culosis R G Marredova, IU, N, Zhilin Azerb med zhur no 7 10-17 Ji '62

Causes and characteristics of repeated resections of the lungs in supportative diseases. I.S. Kolesnikov, N. V. Putov, V. R. Ermolaev. Khirurgija. 30 no 2:100-107

Changes in the gascous metabolism and homodynamics following resection of the lungs in tuberculosis B.D. Zishin, V.V. Suvorov, N.G. Suvorova Khirungita 12 no 11 90-100 N. 166.

Effectiveness of the acoplasty in association with antibre

terfal pie parations in the treatment of cavernous forms of tuber culosis of the lungs 1, D. Nurmannedov Azerbered zinv 40 no 2 39-43 F '61

Repeated resections of the lung, A. P. Kolesov, G. A. Boikov, A V Gridnev, Khu urgila 42 no 11 76-80 N 166.

Surgical treatment of branchicetasis A. P. Kolesov and other 4 Khirurgita 39 no.2:95-100 F 163.

LUNGS-TUMORS

Current methods of diagnosis and evaluation of the oper ability of lung and mediastinal tumors. B. K. Osipov and others Khirurgifa 39 no 2:85-90 F '63

Effect of pyrimidine derivatives on the genesis of "ure-thane" adenomas of the lungs. D.A. Asadov. Vop. onk. 12 no.12-69 466

Significance of segmental broncho- and angiography in differential diagnosts of the bosic groups of apherical formations in the lungs M G. Vinner Khiturgita 42 no 11 81-89 N '66.

Struchkov, V.I., and A. V. Grigorian. [Tumors of the lungs; diagnosis and surgical treatment] Opukholi legkikh, diagnostika I khirurgicheskoe lechente, Moskva, Meditsha, 1984, 333 p.

(DNLM)

LUPING-FERTILIZERS AND MANURES see subdivision unđe: Zhitomir Province

LUPINE --- HARVESTING

Some parameters of the new technology of hervesting lupine for hay, A.G. Mulliar, Nauch, trudy UzNIIMT no. 5:37-42 *59.

LUPUS-COMPLICATIONS AND SEQUELAE

Pathogenesis and ctinical aspects of skin cancer caused by tupus. M. D. Podilichak. Klin. onk. no. 1438-143

LUPUS ERYTHEMATOSUS

Compound treatment of lupus crythematosus with resochin and calcium pantothenate L. D. Pishchenko Vest. derm i ven 37 no 3·16-20 Mr '63

Functional capacity of the kidneys in lupus crythematosus A. D. Chibiriaeva. Vest. derm. i ven. 37 no 3:13-15

Planocellular cancer of the skin in a lupus crythematosus-patient I. N. Vinokurov. G. D. Khaimovskii. Vest. dorm-i ven 37 no 3:61-62 Mr 163

LUXEMBURG, ROSA, 1870-1919

Karl Llebknecht's and Rosa Luxemburg's atruggle against the counterrevolution during the Putsch of December 6, 1918. E.K.Zakharchenko Vop. lst. glav. no. 2:239-247 166.

The trials of Rosa Caxemburg on the eve of the first imperialist war. M. A. Nonkov. Uch z q. Mard prun no. 51:77-90 pt. 1-165.

LVOV--ARCHITECTURE

New buildings in Lyov M. Konsulova Arlikii ' $_{\rm h}$ no 7.50-52 $^{\prime}66$

LVOV-GUIDEBOOKS

The "High castle" Hill) Vysokyi Zamek, Lyk, Kunnlar, 1966, 37 p. Illus [In Uktahlan, Russian, A. J. Frenchl

Pashuk, A.I., and I.S. Derkach, [Lwov, a high liber'r-r-t guidebook] L'viv, malyl fliusti ovanyl pulkant, [L'viv] L'vivs'ke knizhkovo zhurnal'ne vyd-vo, 1962, 173 p.

LVOV-THEATER

EVOY—THEATHER
Kondianl, B. F., and L. Mel'nichuk-Luchko, [1375, 575]
Uki ahidan Drama Theater named after M. Zauber (1575, 545)
and decorated with the order of the Labor Real France;
L'vivekyi der zhawayi ordena Truthovolo Chervone;
Prapora uki afus'kyi dramatychnyi teati limat M. Zaubeouts'koi. Kyiv, Mystetstvo, 1965, 07 p.
(CaOTU) (ChOTU)

LVOV-VIEWS

[Autumn in Lyov] L'vivs'ka osin'. [L'viv, hamenter, 1905] 1 v. (chiefly illus) [In Ukrainlan, Russian, * .] English

LVOV ECONOMIC REGION—LEATHER INDISTRY MANAGEMENT

New developments in the structure of the administration for tenther factories. O.I. Merchanster field in no. 2,77-78. April 167.

LVOV ECONOMIC REGION-RESEARCH, INDUITHINT [Alliance of science and practice] Soluz masky i detail to L'viv, Kameniar, 1965. 92 p.

LVOV ECONOMIC REGION-TECHNOLOGICAL INDOVATIONS

[Alliance of science and mactice] Solar maky in wa-L'viv, Kameniai, 1965. 92 p.

LVOV PROVINCE—GAS, NATURAL—GLOLOXY

Prospects for finding gas and off in the Palery L. f. Lvoy Trough. T. M. Scietskill Noft, i gaz 11 900, no 1:21-21 Ja-Mi 483.

LVOV PROVINCE-GEOLOGY

Contain features of the geology of the Singusta-Italy to region. V. N. Ivanov Noft, I gaz, prom. no. 123 31

LVOV PROVINCE-GRAIN HANDLING

Mechanization of loading and unleading operations by products in sacks (from practices of enterpt of Loos and Royan Administrations of the group of and mixed feed industry VArtenumber, 1 to 4, 17 kg, Kh Shikhelman Muk -elev, proses \$2.50 H. 23-26 N 166

LVOV PROVINCE-PETROLEUM GEOLOGY

Prospects for finding gas and off in the Palerral of the Lyov Trough T. M. Seletskii. Noft, i gar, 44 to no, 1:21-23 Ja-Mi ba.

LYOV PROVINCE—RAILROADS—ROUNDROUGH - DESIGN AND CONSTRUCTION

Give the green light to transportation achief (*) A. Pofalitov Okhi trada t sots strabb (*) (*) D 186

LVOV REGION-BALSAM (BOTANY)

The balsam impatiens roylei Walp, near I voy. 6 % Berko. Ukr. bot, zhur. 20 no. 1.102-103 % 3

LVOV-VOLYN' BASIN-COAL GEOLOGY

Reliability of borehole logging in the Lvov-Velor's 41 basin S I Vosanchuk, V. A. Kushnituk, M. I 13k heiste. nia. Nauch zap. L.II no 80:21-29 '62

LVOV-VOLYN' BASIN-COAL MINES AND MINES. ACCIDENTS

Analysis of the causes of industrial transmillin lad Volym mines, V. G. Dreph. Bezop, Guida v protection, 5:10-12 My [62].

Purification of caustic tye. M. M. Kushnir. Kham fr : [Ukr.] no. 3 82-84 Ji-S '62.

Disturbance of lymphopolesis in a denervated splan following total-body irradiation. S. N. Alessan is E. A. Prokudina, Z. B. Tokarskain. Vop. and Al quarter feet.

LYMPHATICS

Anatomy of the offer out lymphatte vessels of the riversity in the adult person. V. S. Revezov. At kin anatograph embr. 44 no 3:19-27 Mi. '63.

Anatomy of the intraorganic lymphatic system of its '...' man pancross. E. A. Vorobleva. Arkh. anat... girl 1 embr. 44 no.3;62-67 Mi. '63.

- LYMPHATICS (Continued)
 Aratomy of the lymphatic and blood vessels and capillaries of the wall of the human rectum S. Abdyker imoverant, gist i ombi ii no 3 48-61 Mr '63
- Dynamics of changes in the intraorganic lymphatic system of the canine stomach in experimental ulcer N. A. Krotkova Aikh anatogist i cmbro in no 3 100-111
- Effect of physical stress on collateral lymphatic ducts. M. G. Privess. Arkh anat , gist fembr. 11 no 3:103-107 Mr '63
- Fifect of regional lymph nodes on the state of a skin homotransplant. I.D. Kirpatovskii, N.A. Bykova Trudy 1-go MMI 49:9-18 '66
- Examination of the endothelium of the lymphatic capillaries and vessels of the rabbit diaphragm G G. Arkh anat, gist i cmbr 44 no 3 81-90 Mi G. G. Aminova
- List alymphatic transfusions in the treatment of tumors M. Battedzati. I Donini Pksper blurd anest 2 no 8 28-31 N-D '63
- Intraorganic lymphotic system of the human penis. B A, spin in Arkh anat , gist. Lembr 44 no 3 68-80 Mr '63
- Mr '63
 Local characteristics of the lymphatic and blood vessels of the jejunum and iteum in man A Kakhri ov Aikh and gist i embr 44 no 3:28-17 Mr '63
 Lymphatic capillaries and vessels in the milk spots of the
- gi €ater omentum of man. A V. Borisov gist I embi 44 no 3;ll5-120 Mi '63
- Midestones in the evolution and homology of lymph nodes in the human abdominal cavity. M. S. Sph ov. Arkh anat., gist. i ombi. 14 no 3 91-102 M. '63. Scientific legacy of G. M. Iosifov and problems in the development of anatomy of the lymphatic system. D. A. Zhadanov. Arkh anat. gist. i cmbi. 44 no 3.3-18
- Structure of perfueural spaces and due to abducing lymph from the cerebrospinal nerves N. A.Kurdhumov Arkh anat., glat.i embr 44 no 3:121-126 Mr ¹64
- Study of immunodepressive and to do effect of a series of chemical preparations in experimental skin homografting Report No 1: Study of the duration of taking of skin homotransplants, dynamics of humo: at antibodies and reactions of lymphoid tissue M V. Bilenko and others Trudy 1-go MMI 49:35-48 [66]

LYMPHATICS-CANCER

- Development of methodology for using ionizing radiations in the general complex of therapeutic measures for proventing and treating relapses and inclastraces of 13 mph node cancer. I. T. Shevchenko, P. IA, Nekrosov, Klin onk no. 1:28-33 [65].
- Lymphogenic metastasis and its significance for rational planning of the treatment of breast cancer, S.A. Kholdin, L. IU. Dymarskii, Vop. onk, 9 no. 3:96-102
- Reclimique of the radiologist in treating metasiness in the lymphotic glands in tumors of the head and neck, M. A. Volkova, Med. rad. 7 no. 8,32-37 Ag 162

LYMPHATICS-RADIOGRAPHY

Structure of hymph nodes in over imental X-ray picture
P D Bogatina Trudy Novokuz GIDUVa 32 39-41 '65

LYMPHOCYTES

Effect of anoxia during and after irradiation on radiation durings of hymphocytes I B Smitnovn Radiobiologita 6 no 6-826-832 '66

LYMPHOID TISSUE

I freet of cytotoxic antilymphatic serum on the cellular composition of lymph nodes. E.M. Kipervasser. Pat. fiz tol.i cksp.terap. no.3:40-53 '04.

LYMPROMA

Aerobic glycolysis and Crabtice effect on NK/ly lymphoma cells M. If Petrenko Dop AN URSR no 11-1488cells M. 1501 '86.

LYOPHILIZATION

- Lyophile drying of a thrombocyte mass. G, IA, Rozenberg and others. Probl. gemat. i perel, krovi 8 no. 3, 12-46 Mi 163.
- Simple method of preserving transplantable cells by freezing V. I. Marchenko, S. N. Rudneva, L. N. Pokidysheva, Vop virus, 11, no 6:751-753, N-D '66

LYSERGIC ACID

Effect of d-lysergic acid diethylamide on higher nervous activity in monkeys. N.I. Lagutina and others Zhur yys nerv.deiat. 13 no.4:638-645 Jl-Ag '63.

LYSINE

- Blochemical characteristics of L-lysine concentrate S.L. Auzan, R.F. Platniece, Prikl biokhim, i mikrobiol 2 no 5 732-734 N-D 166.
- Effect of nutrient medium components on lysine biosyn-thesis by Brevibacterium 22 culture. L. S. Kutsova, N. M. Kliueva, Prikl, blokhim, i mikrobiol. 2 no. 6: 729-731 N-D 166.
- Effect of raw material quality on L-lysine biosynthesis by M. glutamicus homoserine strain 95. S. I. Alikhanian and others. Priki, blokhim, i mikrobiol. 2 no 6,655-669 N-D '66.

MABILLON, JEAN, 1632-1707

Unknown letters of Mabilion 1.G Katushkina Sred voka no 292/6-288 '66

MacARTHUR, DOUGLAS, 1880-1954

The reminiscences of Mac \rithur B G Sapozhnikov, V B Vorontsov Vop 1st 11 no 12 66-81 D 1st.

MACEDONIA-WORLD WAR, 1939-1945-UNDER GROUND MOVEMENTS

History of the organs of the people's-democratic regime in the Macedonian part of the Vardar Valley, 1941-August 1944, I Janu, Vop.ist.slav. no 2 208-220 66.

MACHINE ACCOUNTING

- Centralization of accounting for labor and wages. IA, Zanovinaev, M. Rozenberg. Bukbg, artist no. 11-30-12 N 166.
- Centralization of accounting an communications enter-prises. P. Slobozhanskii. Bukhg, uchet no. ll:15-17 N '56,
- Centralization of accounting in synthetic fiber enterprises. A. Samsonov. Bukhg, uchet no. 11-17-20 N 166.
- Centralized accounting offices in trade. A. IAnnyshlo, I. Bulobzhetskii. Bukhg, uchet no. 11:7-15 N '66.
- a the Central Computing Station of the Central Statis-tical Association of the U.S.S.R. V. Braga, A Ivanov Vect stat, no 12 35 19 (6)

MACHINE ACCOUNTING ... CONGRESSES

Conference on the work problems of district and city computing centers of the Central Statistical Administration of the U.S.S.R. N. Fmellianov. Vest stat. no, 12 66 - 71 | 66

MACHINE MOLDING (FOUNDING)

- Automatic moid conveyor made by the Kunkol-Wagner fit in and a mixer made by the Junkor ath fit in C. M. Or loy Lit. project no 11.11-13 N '63 C hill mold machine for the casting of cylindrical grinding
- mill publics F A Lizunov Lit protze N '63
- Cost of manufacturing and prices of molding machines A, M, Matlin, N, T, Romanovskii. Lit prolet no ll: 18 -21 N *63
- Improving the technology of casting car brate shoes I. P. Nedošek Lit proizv no.11,41-12 N -453 Machines for shaking out modds - M TS Dublaskii - Lit proize no 11:43-18 N ¹⁶³
- Mechanization of mold filling with remote control. IA M. Ryvkis Lit proize, no. 12:14-15 D '66.

 Mechanization of the removal of flasks with blocks of
- precision casting molds from heat treating furnaces A. F. Parseniuk Lit proize no. 1141 N '63.

MACHINE MOLDING (FOUNDING)-EQUIPMENT AND SUPPLIES

Founding machine with a device for the opening of chills K. F. Rogozhin Lit proizv no 11:39 N '63

MACHINE PARTS-DESIGN AND CONSTRUCTION

Rizhskil politekhnicheskil instilut. Kafedra organizatsil i ekonomiki proizvotsiva. Economic efficiency of tra-pi oving articles Ekonomicheskala effektivnost' sover-shenstyovanija izdelii [By] L., I Gamnat-Kurek i di Riga, 1966. 69 p

MACHINE PARTS-MAINTENANCE AND REPAIR

Sterenbogen, IU.A., F.V. Khorunov, and IV IA. Gretskit.

[Welding and build-up welding of cast fron] Svarka i
naplavka chuguna Kiev, Naukova dumka, 1966. 210 p.

MACHINE PARTS—TESTING

Machine for investigating the effect of phase shift on the durability of parts. G.V. Shchepkin. Vest. mashinesti. 46 no. 12 12-43 D 166.

MACHINE-SHOP PRACTICE

- Overall mechanization of fitting operations in ship teppir V.P. Mardenskii Trudy LIVT no 82 5-10 '65.
- MACHINE-SHOP PRACTICE-HANDBOOKS, MANUALS, ETC.
- Krupitskii, E.J. [Handbook for the young fitter] Spra-vochnik molodogo slesaria, Moskva, Vysshata shkola, 1966. 311 p.

MACHINE THEORY

- Classification and statistical check of hypotheses. IU. P.
- Leonov. Aviom, I telem, no. 12:81-67 168
 Construction of static asynchronous sequential machines using standard cells. A.A. Tal. Aviom, I telem. no, 12:94-111 '66
- Information model of nonreliable combinational networks, IU, L. Ivas'kiv, O M. Riakin Kibernetika no. 6'-1'-46 N-D '66.
- Language of pseudorogular expressions. B G.Mirkin Kibernetika no. 6 8-11 N-D 466 Optimal selection of parameters for controlling systems with complex quading sequence. O.G. Alekseev, V.G. Staroseleta. Avtom. i telem. no. 11:107-114 166.
- Selection of input components of a finite automaton L.S. L'yovskil. Autom. i telem. no 12:88-93 '6

Some properties of a set of automata experiments - M A Sph at - Sidernettea no 6 1-7 N-D 166

MACHINE THEORY-CONGRESSES

Seminar held in Moscow by several branches of industry on problems of increasing the potentials of automatons 1. B. Muchnik Avtom 1 telem no, 11:181-182 '66

MACHINE-TOOL INDUSTRY—MANAGEMENT (see also subdivision under Ukraine)

- In the Ministry of the Machine-tool and Metal-Cutting Text Industry Vest mashinestr. 16 no 12 80 D 766
- The technical, industrial, and financial plan in the conditions of the new system of planning A Brusko Plan, khoz 13 no 158-65 Ji 167.

MACHINE-TOOL INDUSTRY WORKERS-EDUCATION AND TRAINING see subdivision under Kolonina

MACHINE TOOLS

Benches for machining rollers of insert and semi-insert bits. V. S Comberg Mash, i meft, obor no 9-22-21

156, <u>Volchkevich, L.I.</u> [Machine-tool units and automatic Tines, methods manual for teachers of technical schools] Agregatnye stanki i avtomaticheskie linii, metodicheskoe posoble dha prepodavatelel tekhnikumov Mosl Uchebno-metodicheskii kubinet Mosgoi sovnarkhoza, Moskva,

[MICROFILM]

MACHINE TOOLS-EXHIBITIONS

Skoptsov, V.I., M.V. Kalinkov, and K. F. Romanov,
[Machine tools and metal-cutling tools at the Lelpzig
Pah in March 1965] Metallorezhushchie stanki i instrumental noe protzvodstvo na Leiptsigskof farmarke v
marte 1965 g. Pod obshichel red. V.I. Stoptsova, Moskva, Nilmash, 1965. 84 p. (Serila S-1: Stankostreenle)

MACHINE TOOLS—NUMERICAL CONTROL

- MACHENE TUOLS—NUMERICAL CONTROL

 Advanced method for the installation of centrol boards on machine tools. I. P. Demidov, 13 G. Vel'govol'skit. Prom. Bcl. 9 no 12 22 D. 166

 Putning, Janis. [Fundamentals of electric driving and electric control of machine tools]. Metalgalesanas darbgaldu elektropiedzina un elektroautomatika, pamati, 2., parshadatals un papildinatals irdevums. Riga, Liesma, 1966. 173 p. [In Latvian]
- MACHINE-TRACTOR STATIONS see subdivision under

MACHINERY-DESIGN AND CONSTRUCTION

- Bobrov, I.M., and V.G. Mikhailov. [Solution of practical problems in designing machinery] Reshenic prakticheskikh zadach pri konstruhovanii mashin. Moskva, Moskv. tekhnologicheskii in-i, 1965. 473 p.
- Calculation and design of gearboxes for automatic spring colling machines. A I keylov [Nauch, trudy] ENIKMASha no.14 113-158 '66,
- Design of the body parts of machinery. A.L. Krushev-skii Shor nauch trud. Bel politikh inst no 79,39-9kii 5! 95 159
- Trushkin, V.P. [Error? How to prevent it; an aid to the young designer] Oshibka? Kak ee predotvratit', y pomoshch' molodomu konstruktoru [Moskva] Mosk. iabechli, 1966—167 p.

MACHINERY-FOUNDATIONS

Study of free vibrations of solid foundations under ma-chines. M.I Zabytin, 17v. vys. ucheb. zav., strot. i arkhit. 9 no. 9:17-20 '66.

MACHINERY—RELIABILITY

- Economic problems of improving the reliability of equip-ment A P Vayllov Uch, zap Kaf, soy ukon V35 part, shkoly no 3 59-70 '64
- General problems of the durability of machinery Lugel' Stroit dor mash 6 no.8;2-4 Ag 283.

MACHINERY, AUTOMATIC

- From Cato to electronics. O. Krasavin. V mite knig 8 no. 12 20 D '66
- Volchkevich, L.I. (Machine-tool units and automatic lines; methods manual for teachers of technical schools) Agregatnye stanki i avtomaticheskie linii; metodiche-skoe posobie dia prepodavatelel tekhnikumov. Moskva, Uchebno-metodicheskii kabinet Mosgorsovnarkhoza,

IMICROFILM?

MACHINERY INDUSTRY

(see also subdivision under Moldavia; Moscow, Novosibirsk)

Novosibirsk)
The economy in the center of attention of the party committees R. Korolev Agitator 34 no. 23 28-30 D '66.

Prokhorov, G.A. [Isotopes in the machinery industry]
Izotopy v maskinostroenii. [Perm] Permskoe knizhnoe izd-vo, 1963. 38 p. (Molodomu maskinostroiteliu)

MACHINERY INDUSTRY—ACCOUNTING

Problems of improving business accounting, I. Zaikin, Plan, khoz 43 no 1 38-42 Ja 167,

Sergeov, M.A. [Organization of business accounting in a machinery manufacturing enterprise] Organizatsiin khozlaistvennogo rascheta na mashinsotroitel'nom predprilatit. Moskva, Mashinostroente, 1966. 227 p.

MACHETERY INDUSTRY-AUDIT ING AND INSPECTION Vasil'ey, G.A. [Economic efficiency of automatic lines in machinery manufacturing] Elonomicheskata effektivnost, automaticheskikh linil v mashinostvocnil. Most. 1, Mashinostroenie, 1966. 146 p.

MACHINERY INDUSTRY-LQUIPMENT AND SUPPLIES (see also subdivision under Mondo, in, West Siberian Economic Region)

Bartosh, N. T. [Industrial containers and their use in the inachinery industrial Profesedativennia tara i ee pilmenenie i mashinostroonii Leningrad, 1966, 35 p. (Leningradskii dom nauchno-teklinicheskoi propagandy Profesodstvennyi opyt Seriia Mekhanizatsiia i avtomatizatsiia transportnykh i skladskikh rabot v promivatsionaria. Shlennosti)

it test brends of ristal for the machinery industry I I Goldenberg Intriousy no 1146-47 V '63

MACHINERY DIDUSTRY-MANAGEMENT (see also subdivision under Latvia, Leningrad, Novosibirst, Podol'ss, Moscow Province, Ukrame) Erterprise under the new condutions. B. Altheev, L. Simetos, Sots trud II 120,12 22-42 D 168

In ministries and departments | Sots trud | 11 no. 12 137-138 D '65

Indices of the volume of production and their significonce in the medification of internal potentialities. Fish Subitor Uen zap haf ou clen Vys part slikely

Organization of the inspection in the machinery industry abroad M I Mckler 12m tekh po 6 57-50 Je '62

Scientific labor organization in an industrial enterprise Organization of the maintenance of worker's station Sots, trud 11 no 12 67-76 D | 06

Some problems in the specialization of production in the machin_iy industry L N Pis'mennyi nostr 46 no 12:::-72 D '66 Vest in ishi-

Urgent objectives of the machinery industry in the new five-year plan S I Semin Vest, mashmostr, 46 five-year plan S no. 12 3-8 D 166

MACHINERY INDUSTRY-PRODUCTION STANDARDS Provide substantiated norms for all types of work. L Shapiro, Sots trud 11 no 12 97-106 D '06

MACHINERY INDUSTRY-QUALITY CONTROL

Economics and quality of machines y. 10 Bosozdin. Vop ekon no 12 143-145 D 166

MACHINERY INDUSTRY-RELIABILITY see subdivision under White Russia

MACHINERY INDUSTRY-STATISTICS

[Export of machinery and equipment by developed capitallist countries, a statistical manual] Eksport mashin ioborudovanila razvitymi kapitallisticheskimi stranami, statisticheski spravochnik Moskva, 1966, 583 p. [Biulleten' Inostrannoi kommercheskoi informatsii, prilozbenie po 133 lozhenie, no. 12)

MACHINERY INDUSTRY-TECHNOLOGICAL INNO-VATIONS

Soviet inventions in the machinery industry. Vest mashinosis 46 no 12:81 D 466.

MACHINERY INDUSTRY WORKERS see subdivision under Sverdlovsk

MACHINERY INDUSTRY WORKERS-EDUCATION AND TRAINING see subdivision under Leningrad Province

MACROGLOBIILINS

Clinical picture of Waldenstrom's macroglobulinemia V K Polenko, M V Orlova, V V Rutkovskii Sov med 26 no 3:127-131 Mi '63

MACROMOLECULAR COMPOUNDS

Akademila nauk URSR. [Synthesis and physical chemistry of polymers] Sintez i fiziko-khimila polimerov. Kiev, Naukova dumka, 1966. 195 p. (Respublikanskli mezhvedomstvanja polimerov). Serija "Sintez i issledo-vanja polimerovi). vanie polimerov")

Composition of gases obtained in the high-speed pyrolysis of some high molecular weight substances 1 F. Bogdanov, M L. Mishchenko, 1 L. Faiberov, Tiudy IGI 18 29-33 162

Concentration dependence of the size of polymer coils in poor solvents V.E.Eskin, A.E.Nesterov. Koll, zhur 28 no 6 904-800 N-D 168

Hydrodynamics of polymer solutions. Part 5' Intrinsic viscosity of semirigid macromolecules. IU. E. Etzner, C.B. Pittsyn. Vysokom soed. 4 no II 1725-1731 N 162.

Macrocyclic compounds, Part 5 Directional inner-molecular cyclication of a, wacetylene derivatives E. P. Zinkeylch, I.K. Sarycheva, N. A Preobrazhenskii, Zhur, org khim, 2 no. 11 2021-2025 N 168

Macrocyclic compounds. Part 6: Synthesis of macrocyclic ketones. E. P. Zinkevich, I. K. Sarycheva, N. A. Preobrazhenskii. Zhur oig, khim. 2 no, 11-2026-2028 N 166.

Pi eparation and properties of ethylene - propylene -acetylene copolymers P. E. Matkovskii and cihers. Vysokom. soed 8 no 10:1712-1716 O '66.

Shui, A.M. [Macromolecular compounds] Vysolomole-kullarnye soedineniia. Moskva, Vysskaia shlola, 1966. 502 p.

Use of accompletene as naw material for the production of high melecular compound E P Babin, B O Ro embeth Khim prom [Ukt] no 3 31-36 JI-S 162

3-Purpurinecarboxylic acid in Rubia tinctorium L. stems, V I Kriventsov, L V, Kislova - Izv AN Turk SSR Scr fiz -tcPh , Phum, i geol nauk no 1/114-116 /62

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MAGNESIUM-COBALT-NICKEL ALLOYS

Crystal structure of the compound MgCoN: P.I.Kivpiakevych Dop AN URSR no Il 1460-1463 162,

MAGNESTUM COMPOUNDS

Change of short-range order structure in melts for med by magnesium compounds with group IV elements on heating V.M. Glazov. N.N. Glagoleva, L.A. Romantaeva Izv AN SSSR Neorg mat. 2 no.11:1963-1960 N. '66

Oxidation of succinate in the structural elements of Micrococcus lysodelidicus in relation to deoly i bonucleic acid and magnistum ions M. A. I ukotanova. N. S. Gel'man. A. I. Oparin Biokhimila 28 no 2 334-339 Mr - Ap 163

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Effect of magnesium oxide on phase constitution and structure of aluminosificate slags V.S. Mal¹¹ iev, D.B. Midshev, A.K. Mici-khanov, Trudy Inst. met 1 obog AN Lazash, SSR 16:152-161 466

MAGNESIUM OXIDE-ELECTRIC PROPERTIES

Some special features of field dependent shot-through secondary election umission N L. IAsnopoliskii, A P Balashova, N S Lozhkina Radiotekh i elektron. 11 no 12 2259-2260 D '66

MAGNESIUM SALTS

Triangular diagram of the marine-type quinary system, IU, M. Alaberdyev | Izv AN Turk SSR, Ser fiz, -tekh., khim i geol, nauk no 4,119-121 '62

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MAGNESIUM SULFATE—PHYSIOLOGICAL EFFECT

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MAGNESIUM-TIN-GERMANIUM ALLOYS

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MAGNETIC AMPLIFIERS

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MAGNETIC ANOMALIES

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MAGNETIC CIRCUITS

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Calculation of unit slot conductance of the magnetic wedge of an induction motor, O. D. Gol'dberg, F. K. Makarov, L. P. Trusova Elektrotekhnika 37 no 12 14-17 D '66

Magnetic field of a stator in the air gap of a synchronous angheric field of a stator in the air gap of a salient-pole machine N.D. Moniushko. Izzaav ,elektronickh. 9 no 11,1237-1245 (66. Izv vys. ucheb.

Parameters of ribbon cores remagnetized by an a.c. source with rectangular wave form F.I. Aleksandrov, Elektrotekbnika 37 no.12 36-38 D '66.

Ring ferrite core as a circuit element of a pulse transformer. I. P. Ionov, A. I. Pirogov, IU. M. Shamaev. Teor elektrolekh, no. 1:148-153 '68.

MAGNETIC FIELDS

Analysis of spatial distribution of magnetic field as method of studying subsurface structure of earth's crust. G. I. Krugliakova, Blut. MOIP, Old. geol. 41 no. 1-146-147 J1-Ag '66.

Azimuthal drift of charged particles in axially symmetric magnetic field with mirrors. V. M. Balebanov, N. N. Semashko, Atom. energ. 21 no. 6:500-501

Calculation of the internal diamagnetic field in atoma V.S Korol'kov. Dokl AN BSSR 6 no. 6:363-365 Ja 162

Cycletron resonance in inclined magnetic field, M. I.i. Azbelt, V.G. Peschanskii, Pigt, v red, zhur (kapta) Azbelt, V.G Peschanskii, Pist. o teoret, fiz. 5 no. 1 26-29 Ja 465

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Hection escape in magnetic fields and volt-surpers characteristics I B Levinson | Lizetver telm 8 no 7: 2077-2083 JI '66

Extrinate photoconductivity of n-InSb in strong magnetic fields. T. M. Lifshits, F. IA. Nadi. 142 tect. tell. H. no. 7:2149-2153. Jl. 66

Fluctuation-dissipation ratio for nonequilibrium system t O.H Sytenko, Ub., flz, rhus II no. II lifel-Hee b. 115 Galvanounggaette properties of molybdenum crystalla in large effective fields V P Startsev, N. V Volkeruds b. N. A. Novoselov Zhurckap i Leo (Bz. 51 no. 1, 111 1316 N '66

Kinclic theory of an atflied plasma wave guide in atte. Propagate theid A.N. Kondratenko. Izv vya ucheb ra. radiofiz 0 no 6:1065-1072 '66

Magnetic properties of MnqGe2 in alrong magnetic fields 1' A. Zavadskii, I. G. Fakklov. Zhur clesp i teor fir 51 no 5.1317-1320 N '66

Radial focusing of electrons by transaxial alternating magnetic fields, P.1. Sydotko, UPr. fiz zhut 11 ro H 1231-1234 N 166,

Significance of epclogenetic curves for interpretaiter of spatial distribution of geomagnetic field V V Knigliakov, Cl Krugliakova Sov geol 9 ao 11, 68-77 N 486

Some effects due to the dlamagnetium of a superconducting solenoid winding. F. F. Ternovskir, Dokt. AN to 1171 no. 5:1084-1087. D. 166.

Studying magnetic characteristics of two-band superious ductors in vicinity of upper or literatured V. A. Mathabenko. Zhure okspitton fiz. 51 no.4/163-1175 O fir.

Thermo-e, m. f. in semiconductors in at one magnetic fields. R. G. Tarkhanian Izv. AN Arm. SSR. Flz. 1 no. 2:66-74 '66.

no. 2:66-74 '66.

Using method of the motor in Comeanining in strong magnetic fields in studying nonparabolic shape of 12. is a large band. C. N. Dubi ovskala and others. I is to the valence band f. N Dubi ovskala and others tela 8 no 7:2247-2248 Jl '66

Using the electromagnetic method in the excitation of standing sound waven in Bi. V. F. Gantmather, V. T. Dolgopolov, Plat v real Zhar eksper, I teact, fix 5 no. 1-17-20 Ja. 467.

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Using data of surface measurements of a magnetic field to estimate ore reserves in magnetite deposite A.A. Popov. Metod i tekh razved. no. 52 56 70 705

MAGNETIC FIELDS-PHYSIOLOGICAL EFFECT Biological action of magnetic fields; conference in Moscow. IU. A. Khotodov, IU. I. Novitskii. Vent. A7; SSSR 36 no. 12:87-89 D '06

MAGNETIC FIELDS (COSMIC PHYSICS)

Effect of cosmic magnetic field on movements of earth and on elements of terrestrial magnetism. N. I. Sigachev. Trudy Mor. gldroffs, inst, AN UISM 37 189-198 160.

Mean Sq-fields according to data for September 1950 E. B. Afraimovich and others Shor at Hirozdeprog MGG no 8:31-51 '66

Method of analytic representation of "instantaneous" fields of magnetic variations. A.D. Bazar zhapov and others Sbor. st. III rard prog MGG no. 8:5-22 '88

Ut-component in Sq variations according to May data E. I Nemtsova Shor at III read prog MGG no 8;72-12

MAGNETIC MATERIALS

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Growing and some properties of ferromagnetic single crystals of Bi_{3-2x}Ca_{2x}Fe_{5-x}V₂O₁₂ garnets, A.G. Titova, A.P. Erastova, R.A. Fettov, Izv. AN SSSR. Neorg, mat. 2 no.12 2260-2261 D 166.

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MAGNETIC MATERIALS—THERMODYNAMICS

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Character of magnetization curves of same ium or tho-Ferrite Single Crystala near reor ientation temperature.

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MAGNETIC PROSPECTING

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Certain techniques for interpreting second and highe derivatives of a magnetic potential. Nauch zap LPI no 80;129-133 '62

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Economic efficiency of borchole magnetic prospecting, F. A. Barinov, A. B. Lomakin, B. M. Mukhin Motod 1 tckh 1 azved no, 52 71-74 (65)

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MAGNETIC RECORDERS AND RECORDING

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Choice of optimal magnetizing system for continuous automatic devices checking the metal carriers in magnetic recording. V M. Mogilevskii. Aviometria no. 3.37-46 '66.

Compensation of nonlinear distortions in magnetic tecording. V.G.Korolikov, Trudy VNIRT no. 1:3-21 164.

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Increasing accuracy in establishing working gap positions in magnetic recording heads, V. G. Kotol'kov, Trudy VNHRT no 1 119-122 '61,

Measurement of flutter speed of the carrier in magnetic recording. E V Troitskala Trudy VNIIRT no 1 100-113 *64.

Methods for physical and mechanical tests of magnetic recording tapes, M S, Kalantarova, Trudy VNIIRT no. 1:146-167 '64,

Prospects for using variators in the winding stages of tape stretching mechanisms. A.V. Mikhnovich Trudy VNIRT no. 1:114-118 '64.

Sonin, E.K. [Miniature secretarial tape recorder] Minia-turnyl magnitoton-sekretar'. Moskva, Energila, 1966. 47 p. (Massovala radiobiblioteka, no. 614)

Strel'tsov, B.N., and L.L. Lifshits [Magnetic tape 1e-cording in technology and everyday life] Magnitnaia zapis' v tekhnike i bytu Moskva, Znanic, 1986. 31 p (Novoe v zhizni, nauke, tekhnike IV Serija Tekhnika, no. 241

Study of Kopies effect occurs ence in magnetic seconding. IA A Mazo, N I 1Astrolembakala. Trudy VNHRT no 1:22-55 '64

MAGNETIC SEPARATION OF ORES

(see also subdivision under Krivoy Rog Basin)

Monograph concerning contemporary methods of magnetic ore dressing I N. Piersin and others. Izv vys neheb zav .gor. zhur. 6 no 5 198-203 '63

Rotary magnetic filter separators for wet concentration of finely ground, weally magnetic ores V G.Derkach, T.N Galevskara, M L Leibson Gor thur no 11 62-66 N 166

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Daily variation of magnetic activity in period of IGY (disturbed days.) A D. Bazerzhapov and others. Shorest III razd prog. MGG no 8:63-81 '68

Daily variations of magnetic activity in period of IGY (quiet days) O A Troshichev Shor at III razd prog MGG no 8:82-88 '66

Distribution of magnetic activity in high latitudes Mishin O A Troshichev, V D Urbanovich She III:azd prog MGG no 8:94-101 '66

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Effects of outer sources of magnetic field at altitudes of F2 layer Part 1 Sh Sh Dolginov and others, Geomagiaer, 6 no 6 969-982 N-D *66.

Gradients composing the geomagnetic field components of a vertical scarp bench. M. I. Met'nichule. Nauch zap LPI no 80434-138 '62

Irregular variations of carth's velocity of rotation and effect of solar corpuscular streams on trail of earth's magnetosphere. V. I. Afanas'eva Geomag. i aer no, 6 1094-1095 N-D | 66,

Penetration of solar wind into geomagnetic field, M.V. Samokhin, Geomag, i ae1, 6 no. 6 983-990 N-D '86,

Plasma perturbation behind fast-moving body in magnetic field, V.V.Vas'kov, Geomag i act. 6 no 8 1104-1107 N-D '06.

Quiet solar day magnetic variations in Alma-Ata in 1964, their variability from day to day, and relation to state of ionosphere, N.M. Rudneva. Geomag. 1 aer 6 no.6, 1124-1126 N-D '66.

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Space-time distribution of geomagnetic perturbation V. M. Mishin Shor st. HI razd prog MGG no 8 102-

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Tectonic zoning of Transcarpathia on basis of rated values of magnetization intensity V.1 Khomenko Nauch.zap of magnetization intensity LPI no.80:163-170 '62

MAGNETITE

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Nomogram for determining the absolute magnetite and hematite content of hematite-magnetite ores and rocks on the basis of the date of chemical energyes. N. A. Plaksenko. Trudy VGU 63:117-119 465.

MAGNETOHYDRODYNAMIC GENERATORS

Symposium on magnetohydrodynamie generatora. A. V. Nedospasov. Vest. AN SSSR 36 no. 12:45-47 D '66,

MAGNETOHYDRODYNAMICS

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MAGNETRONS

Bystritskii, N.P. [Magnetion amplifers (amplitions)]
Magnetionnye usiliteli (amplitiony). Moskva, Sov.
1adio, 1966, 75 p. (Elementy radioelektromol appaiatury, no.4)

Contribution to the theory of a relativistic magnetion. V.N. Danilov Radiotekh i clektron, il no 12,2168-V.N. Danilov 2175 D '66

MAGNITOGORSK-COKE OVENS-EQUIPMENT AND SUPPLIES

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MAKHARADZE DISTRICT-TEA-COSTS

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MALARIA

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Electrocardiogram in tertian malaria treated with quin-oline, N.A. Tiburskaia, O.S. Vrublevskaia, G.E. Gozodova Med. paraz. I paraz bol, 31 no. 5;575-581 S-O

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 $P(d^*r)_{\rm p}(a_{\rm p})_{\rm p}(d)$ determination or malors and distors V(K) Abinov, and others. Zhur anal Phiri, (2) we let 124 < 125 < 6.6

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MA LONONITRII E

Interaction of metallic deritables of compounds having mobile hydrogen atom vith whaleketones Reaction of a-falchetones with Na-malonentrific, T. I. Temnikov, IU A Sharaum. Thur org Phim. 2 no H 2018-2020 H 460.

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MAMMARY GLANDS—TRANSPLANTATION

Growth mechanisms of mammary gland tissue cultured in vivo. Z S. Khlystova. Bud. eksp biol : med 55 no 5:101-103 My '63

MAMMARY GLANDS-TUMORS

Frequency of the development of mammary gland tumors in mice as related to the dose of external irradiation, R. V. Smirnov. Vop. radiobiol, 4:337-346 '61

MAN-ORIGIN

The exhibition "Origin of Man" in the Ismailov Park of Culture and Recreation in 1955-1959 T. N. Dunaevskara Vop antr no 4.150-151 '60

Typical patterns of cranial structure in man and mon-keys as related to anthropogenesis. S. I Uspenskii. Vop antr. no. 4:34-61 160,

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MANGANESE OXIDES

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Thermodynamics of higher manganese silicides. P. V. Gel'd, S. M. Letun, N. N. Soichrennikov frv vys. ucheb. zav., chern, inet 9 no 12:5-13 '66

MANGANESE STEEL-HARDENING

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Effect of carbide forming elements on kinetics of factor, on the coming organization of america of factor and mechanical properties of manganese-molybdenum steel. D.1A, Vishniskov, A, A, Sovalova, Trudy MATI no, 56:5-15

MANGYSHLAK PENINSULA-VOLCANIC ASH, TUFF,

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MANIC-DEPRESSIVE PSYCHOSES

Clinical dynamics of reactive depression; based on data of catamnestic observations. IU I Disseev Zhui nevi 1 psikh 66 no 12:1841-1849 188.

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MANIFOLDS (MATHEMATICS)

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Some differential topological invariants of not simply connected manifolds, V. Golo, Dakl, AN SSSR 171 no. 5:1030-1032 D '66.

MANNITOL

Origin of mannitol-negative variants of Flexnor's dysen-terial bacteria, P.I. Dmel'lanov. Zhur mikrobiol , epid i immun 33 no.5:32-37 Je '62.

MANOMETLR

Canactive transheer-meronamoneter, V. B. Kyrma-to, H. P. Julin, S. S. Shushkevich - Avionetria, no + 41-75 bb Momentum transfer under ionization impact in lact t gives. G. Comm. Lev. AN SSR, Ser. H. 16 no 12 2008-2012 D 166

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MANDAL TRAINING

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Manual training instruction of genior students († M.) simova, A. Paltiseva. Nat. din., no. 12-15-17-11. h

MANUFACTURES

In the Ministry of the Light Industry of the U.S. S. H. Tekst prom = 26 no. 1273-74 D 466

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Eight parchiment manuscripts from the collection of the Central State Archieve of Oid Documents. O A Kninzev Baia. Trudy ODRI 18(134-141 16)

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Konchaev, V. I., and N. N. Banatov. [Textbook for ship engineer a] Uchebnik sudovogo motorista. Moskva, Transport, 1986. 282 p.

Methods for improving the reliability and durability of connecting 1 od bolts of Internal combustion engines V Kuz'menko. Rech transp. 25 no. 12:20-21 466

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MARINE ENGINEERING

Characteristics of working up initial statistical data on the rehability of a ship's means of automation and electric equipment. S A Popov, IU, A, Svetlikov Trudy LIVT no. 62 28-39 165.

Malyshev, E.I. [Preparation for storage, storage, and poststorage treatment of the electrical equipment of ships] Konservatsila, khranconic i raskonservatsila sudovogo elektrooborudovanila, Moskva, Transport, 1966. 26 p.

Studying the characteristics of the numbers of failures of the ship's ... ea s of automation and electric equip-ment, IU, A Svetlikov Trudy LIVI no 5. 10-46 '65.

MARINE ENGINES

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DO 0, 3-2 fuel consumption meters. A.S. Ponomarev. Sudostroenie 56 no. 11 37 166.

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MARINE ENGINES-LUBRICATION

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MARINE FOULING

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MARINE PIPE FITTING

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MARINE PIPING

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MARINE PUMPS

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MARINE RAILWAYS

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MARINE REFRIGERATION

Loginov, V.A. [Electric equipment of marine refrige-rating units; maintenance and care] Elektrooborudovanie sudovykh kholodibykh ustanovok, obsluvitvanie i ukhod. Podred, G.M.Nikitina, Moskva, Transport, 1966.

Refi (gending systems of the whaling factory ships "Sovet-stayo Ukraina" and "Sovetskaya Rossiya " V A "Polmachov, V. I Gurvich Sudostroenie 28 no 12:16-19 D '62

MARINE SEDIMENTS

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(860 also successful uncertainty of the confinental Sea; indian Ocean)
Comparison of the radiometric scale of the confinental Picisto one with the one of depression of depression successful uncertainty of the product of the product of the confinence of th

MARINE SEDIMENTS-MAPS are subdivision under Atlantic Ocean

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MARITIME TERRITORY—HELMINTHOSPORIUM

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MARITIME TERRITORY—LICKENS

Find of Schismatomma pericleum in the Maritime Terri-tory, D.K.Ges', Dokl. AN BSSR 6 no. 8 521-422 Ag (62.

MARITIME TERRITORY—OATS—DISEASE AND PEST RESISTANCE

Resistance of oats to crown rust and helminthesporiosis in the Maritime Territory A h. Grachev Shor, trud asp. i mol nauch soft, VIR no 2 98-101 161

MARITIME TERRITORY—ORE DEPOSITS

Genesis of hydrothermal mineralization; as revealed by study made in cossiterite-sulfide deposits in Kavaler ovskoye ore 70me (Maritime Teritory) E. P. Saplykin Sov geel, 3 no 11,128-138 N *66

MARITIME TERRITORY-PHYSICAL GEOGRAPHY

MARTIME TERRETCRY—PHYSICAL GEOGRAPHY
Akademila nauk SSSR, Dal'nevestochnyl filial. [Abstracts
of reports from the session of the Council of the Far
Eastern Branch of the Siberian Department of the Acadeny of Sciences of the U.S.S.R, on the results of rescarch in 1964, Section of the Biological and Geographical Sciences | Tezisy dokladov iz sessii Soyeta Dal'nevestochnego filiala Sibirskogo oldeleniia Akademii
nauk SSSR po itogam nauchnykh isstedovanii 1984 goda,
Sektsiia biologicheskikh i geograficheskikh nauk, Vladivostok, 1965, 25 n. divostok, 1965, 25 p.

[MICROFILM]

MARITIME TERRITORY-RUSTS (FUNGI)

Resistance of oats to crown rust and helminthesporto-sis in the Maritime Torritory. A F. Grachev. Shor trud. asp. i mol. nauch. sotr. VIR no 2.98-104 161.

MARITIME TERRITORY-TRADE UNIONS

A meeting of trade-union activists. Part. zhizni no.1-52 Ja 187.

Work with personnel and activists is the main thing. Sov. profsolury 22 no. 24,15-18 D 166.

MARKING OF INSECTS see Insects, Marking of

Structure of ios penis in marmots V. P. Cherviskova Zool. zhur 45 no 11:1712-1719 '66.

MARROW

Characteristics of the accumulation of radioactive phosphorus in magastatypoytes. N.D. Gracheva Vop radiobiol. 1 262-246 *61.

Diffect of whole-body X-1 av its adiation on unidinediphosphoglucose system of glyrogen synthesis in marrox cells V N Pilippova, L I Soldatenkova Radiobiolo giia 6 no 6:804-806 '66

Mari ow devastation as a quantitative criterium of radiation damage Report No 1 Time schretion for plotting Curves dose-effect E N Rabakov, N N Perestorounds, V G. Gorbunova Radiobiologija 6 no 6:779-782 [66]

Mechanism of the origin of spontaneous and radiation-

induced the omosome breakage in mammalian and row cells. If M. Rukavishnikov. Radiobiologia 6 no 6. B69-874 '66

MARROW-CANCER

MARROW—CANCER
Unperlance in radionative phosphorus (p. 12) treatment of
28 patients with Rustitskit's myeloma. G. A. Aleksees.
If K. koj'ts Probi generi, i corei, krovi 8 no. 213-9
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Results of immunological expinination of 30 patients with

mycloma. V P. Dygin, A. S. Mishchesso. Probl gemat I perel, Frovi. 8 no. 2:20-23 F. 163.

MARROW-TRANSPLANTATION

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New method for preparation of cadava; bone marrow designated for transplantation. A.G. Fadutenkov and others. Probingement, perceivrovi 8 no 2.28-34 F. 163

Transplantation of Peologous bone marrow in mice following introduction of DL-90 sarcelysine N, IA, III rehenko Vop onk 12 no, 11-62-67 '66

MARS (PLANET)

New estimate of the quantity of water on Mars. A.K. Suslov. Astron zhu: 43 no 6 1322-1324 N-D 166,

Possibility of formation of iron hydroxides on the Martian surface. N M. Strakhov Astron zhur, 43 no, 6 1267-1273 N-D 166

MARS (PLANET)-EXPLORATION

Proliminary tosults of studying photographs of Mars taken by Mariner-i V. A. Bronshten Astron. 7but 13 no 5 1261-1266 N-D '66.

MARSHAK SAMUIL IAKOVLEVICH, 1887

Marshakis Lyiles, N. Korzhavin, Nov. mir 30 no. 3; 230-241 Mi 463,

MARX, KARL, 1818-1883

Mary on the theoretical and logical in analytical methods. K.I Shilin. Vest, Most. un Ser. 8: Filos. 21 no 3: 64-72 My-Je '66.

Tsentral noe Obtedinenie Politicheskikh Emigrantov iz SSSR. [Mark on Russia, analysis of unknown alleles] Marks o Rossii, analiz neizvestnykh statei. [Munich, TsOPD] 1901. 58 p.

MARY, VIRGIN-MAY DEVOTIONS

Ivaniv, M. [Holy Virgin, save us; a reader for the month of May! Presviatala Bohorodytse spasy nas, chylanka na misiats' traven'. Prudentopil', Vyd-vo oo, Vasyliian, 1962. [15 p. (CoU)

MARY OASIS ace Murgab Oasis

MASS SPECTROMETRY

Mass spectrum and composition of vapors of silver chloride, A.V.Gusarov, L.N.Gorovhov, Vest.Most. un, Ser. 2 Khim 17 no. 5:14-15 S-O '62.

Pollakova, A.A., and P.A. Klumel'nitskii. [Introduction to the mass spectroniclry of organic compounds] Vyodenic v mass-spektrometrilu organichestikh soedinenit. Pod red. A.A. Petrova. Moskva, Khimila, 1966.

MASS TRANSFER

Kinetics of mass transfer in rectification of multicomponent mixtures. L. N. Chekalov, A. N. Planovskii, Khim, prom. 42 no. 12:023-925 D *106.

Kinetics of water sorption on recilities. IU.S. Lezin, M. M. Dubinin Dokl. AN SSSR 171 no 2:382-384 N 468.

Mass transfer equation for a biological field, A.G. Tem-kin, Dokl. AN BSSR 6 no. 8:497-409 Ag '62, Mass transfer in the process of bottle washing. G.S.

Kodin, Spirt. prom. 28 no. 5:0-12 '62, Same regularities of mass transfer in a box extractor. N.I. Gel'perin and others. Khim, prom. 42 no 12; 919-923 D '66.

MASSAGE

Verboy, A.F. [Fundamentals of the apeutic massage]
Osnovy lechebnogo massazha, Izd.5., perer.i dop. Moskva, Meditsina, 1966, 303 p.
(DNLM)

MALEIC ACID

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For e letters of the clark Mela Maleyinstil, N.P. Pontratova Truly ODRI 18,154-369 'b2

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History of the discovery of tuberculin and malicin in Russia, VI Kalugin, Vetermaria 43 no 11:115-117 N '66

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MALYSHEV, VLADIMIR IVANOVICH

On Viadimir Ivanovich Malyshev's 50th hirthday, Trudy ODR1 18:489 '52.

MAMA REGION (IRKUTSK PROVINCE)-PEGMATITES

Characteristics of inner situature of pegmaintes in Mama mica-bearing area. P N.Suchkov Min syr'e no 14;

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MAMMALS-PARASITES see Parasites-Mammais

MAMMARY GLANDS

Effect of radiation on the development of the mammary giands in pregnant animais. G.S Strelin, I V.Shiffer. Vep. radiobiol 4:199-207 '61.

MAMMARY GLANDS—TRANSPLANTATION

Growth mechanisms of mammary gland tissue cultured in vivo Z.S. Khlystova Biul. eksp. biol i med 55 no 5-101-103 My '63

MAMMARY GLANDS-TUMORS

Frequency of the development of mammary gland tumors in mice as related to the dose of external irradiation. R V.Smirnov, Vop radication 4:337-346 61,

MAN-ORIGIN

The exhibition "Origin of Mon" in the Ismailov Park of Culture and Recreation in 1958-1959. T. N. Dunaevskaia Vop. antr no. 4 [50-151 160]

Typical patterns of craniel structure in man and monkeys as related to anthropogenesis. S. I. Uspenskii. Vop. antr. no 4:34-81 160.

MAN, PREHISTORIC see subdivision under China; Chuvashia, Dnieper Valley; Kama Valley; Siberia; Vologda Province

MANCHURIA—RAILROADS

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MANGANESE COMPOUNDS-ELECTROMAGNETIC PROPERTIES

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MANGANESE CRYSTALS

Effect of impurities on optical and paramagnetic properties of divident mangeness in sodium chloride. K. K. Shvarts, V. B. Larran A. F. Llushina. Rost state, 5 361-367, 467.

MANGANESE-GERMANIUM ALLOYS-MAGNETIC PROPERTIES

Magnetic properties of MagGe2 in strong magnetic fields. E A. Zavadskii, I. G. Pakidov Zhur eksp i teor fiz 51 no 5.1317-1320 N '66

MANGANESE IN THE BODY

Manganese in the tubular bones of human fetuses. L. A. Pribluda Doll AN BSSR 6 no 8:529-530 Ag '62, Manganese in the tubular bones of rate at various stages of pregnancy L A Pribluda, Dokl AN BSSR 6 no 6, 387-386 Je 182.

MANGANESE MINES AND MINING see subdivision under Nikopol' region (Ukraine)

MANGANESE MINES AND MINING-EQUIPMENT AND SUPPLIES see subdivision under Duepropetrovsk Province

MANGANESE ORES see subdivision under Ishim Valley

MANGANESE OXIDES

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Oxidation of organic compounds by active manganese dioxide S. P. Korshunov, L. I Vereshchagin Usp, khim, 35 no 12 2255-2284 D '66

MANGANESE SILICIDES—THERMAL PROPERTIES

Thermodynamics of higher manganese silicides. P. V. Get'd, S. M. Letun, N. N. Serebrennikov – Izv. vys ucheb zav "chern. met. 9 no 12:-13 '66

MANGANESE STEEL—HARDENING

Explosion hardening of high-mangan steel A. A. Der ibas. F. I. Matveenkov, T. M. Sobolenko, Flz. goi i veryva no 3.87-94 '66

MANGANESE STEEL-METALLOGRAPHY

Effect of carbide forming elements on kinetics of isothermal transformations of austenite and mechanical properties of manganese-molybdenum steel, D.IA. Vishniakov, A.A. Sovalova, Trudy MATI no. 66:5-15

MANGYSHLAK PENINSULA—VOLCANIC ASH, TUFF,

Upper Triassic tuffs of Mengyshiak Mountains, M.M. Mstuslavskii, V.I Muraylev, A.S. Sveshnikov, Lit.; pol. 18kop. no. 6;35-47 N-D '66.

MANIC-DEPRESSIVE PSYCHOSES

Clinical dynamics of reactive depression, based on data of catamnestic observations, IU I.Eliseev Zhur. nevr.rpsikh 66 no 124811-1848 466

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Manifolds (mathematics)

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Some differential topological invariants of not simply connected manifolds. V. Golo. Dokl. AN SSSR 171 no. 5 1030-1032 D '86.

MANNITOL

Origin of mannitel-negative variants of Flexner's dysenterial bacteria. P. I. Emel'ianov. Zhur mikrobiol. . cpid.i immun 33 no 6:32-37 Je '62.

MANOMETER

Capacity of transducer-micromanometer, A, B, F, co. E, T, Kulin, S, S. Shushkovich, Avionicities, 171-75, bio.

Momentum transfer under fonfaction impact in legic gases. G. Contral Lev. AN SSSR, Ser. H. 10 m., 2008-2019, D, 566.

Using mercury compression manometers for the view mement of pressures lower than 10⁻⁴ mm, of real A.V. Erinkhin Lem. tekh no 6 16 20 Ju. 26 c

MANUAL TRAINING

Forms and methods of combining the physics (1.5%), and the manual training of students. Violinity 4.55 with the manual training of students. Violents of nianovakil. Nauch rab atud. Lamb. gov. p.d., i. t.

Manual training limit action of senior state or 1 to 5 states, A. Palliseva, Naziona, no 15,75 pt. 11 f

MANUFACTURES

In the Ministey of the Light Industry of the U $^{\circ}$. It Tekst, prom $^{-9}6$ no $12 \cdot 73 \cdot 74$ D $^{-1}66$

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MANUSCRIPTS

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"Moral and spiritual" verse in a 16th century (2008) A. V. Pozdnerv, "Trudy ODft1 10:100-110 90.

MANUSCRIPTS—CATALOGS see subdivision under

MANUSCRIPTS, PRENCH
A Prench manuscript of the 14th contury history of making in France A.V Konokotin, Sted vol. making in France 254-259 '66,

MANUSCRIPTS, LATIN
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Pregments of the Latin manuscripts of the Stis-hadcenturies in the collection of the Academy of the
of the U.S.S.R. M.P. Murtiquev. Steel vick in a
220-166. 320 '06

MAP PROJECTION

Generalized fromulas for confromal projection of the Vakhrameeya Tzv. vys. ucheb. zav., good factst no. 1:109-115. Its

Compilation of a special series of geographical heavy in lecture and or opposite an increase. N. L. Shibner. lecturing and propaganda purpones. N. I. Shiber. Old mat geog i km t. Geog ob va 5881. no ? 11 1

MARINAMYCIN

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MARINE BOILERS see Bollers, Martine

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MARINE DIESEL ENGINES

(see also subdivision under Germany, West) Current problems of marine diesel manufacture in its and N. V. Petrovskii Sudostroenio 28 no 12-26 20 ()

Effect of some operational factors on the rate of nett the cylinder bushings of engines, B. K. Sukolov LIVT no. 82-13-20 '65.

Improving the performance and economic efficiency marine diesels operating under front tional Louis Zakharov Sudosti ochle 28 no 12:28-32 i) in a

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Improving the performance quality of the fuel system of marine auxiliary diesels operating under partial is a sea. A. Khandov, M. I. Braslavskii. Trady LIVI 1 a si

Increasing the resistance to cavitational enasion of it r operating bushings and cylinder blocks of matthe at sels. Z. A. Khandov, IV. T. TSapenko. Sudontrocals 50 no. 11 22-21 166.

Konchaev, V.I., and N.N.Banatov. [Texthook for slep engineers] Uchelinik sudovogo motorista, Musikut, Transport, 1966, 262 p.

Methods for improving the reliability and darability of connecting rod bolts of internal combustion enginess V. Kuzimenko. Rech, transp. 25 no. 12:20-21 1/16

MARINE DIESEL ENGINES (Continued)

Pulse gas turbine supercharge of two-cycle engines, V G. Kuzikin Trudy hal tekh met ryb prom 15 32-17

Radioactive indicator methods of studying the effective-ness of technological measures increasing the veri-resistance of making engine parts. D. G. Tochilbukov, Sudostroeme 56 no 11-18-52 (6)

Remote automatic control of the drive of the ship's generator V N Antonov, M D Izak Sudostroente 56 no. 11 27-31 466

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MARINE DIESEL ENGINES-COOLING

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MARINE DIESEL ENGINES-LUBRICATION

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Radioactive indicator method of studying the effective-ness of the use of the M12-V oil in reducing the wear of diesel piston rings and cylinder busings Tochilmikov, Trady LIVI no 82 21-27 '65

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Characteristics of working up initial statistical data on the ichability of a ship's incans of automation and electric equipment S.A. Popov, IU. A. Svetlikov Trudy LIVT no. 82 28-39 165

Malyshev, E.1. [Preparation for storage, storage, and poststorage treatment of the electrical equipment of ships] Konservatsiia, khranente I raskensorvatsiia sudovogo elektrooborudovaniia. Moskva, Transport, 1966. 26 p.

Studying the characteristics of the numbers of failures of the ship's, ea 5 of automation and electric equip-ment, IU A. Svetlikov Trudy LIVT no. 5 10-46 465

MARINE ENGINES

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MARINE ENGINES—FOUNDATIONS

Design of ship foundations I., IA, I'orin Sudostroenie 28 no 12 61-63 D '62

MARINE ENGINES-FULL CONSUMPTION

DO 0,3-2 fuel consumption meters. A S. Ponomarev. Sudostionnic 56 no.11 37 '68

More attention to the operational and technical indices of mass-produced steamships A, Aleksandrov Rech transp 21 no 7 28-29 Jl 162

MARINE ENGINES-LUBRICATION

Use of molyhdenum disulfide in ship machinery manufacture, R V. Fieldel! Sudostroenie 56 no. 11.00-61 '66

MARINE ENGINES-MAINTENANCE AND REPAIR

Working out the optimal composition of the salt bath for sulfocyaniding the friction disks of the ship's reverse reduction gear. A V. Kriulin. Trudy LIV7 no. 82 60-65 *65.

MARINE FAUNA

(see also subdivision under Barents Sea; Sevastopol region)

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MARINE FLORA

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Third Plenum of the Section of Submarine Investigations of the Oceanographic Commission of the Academy of Sciences of the U S.S.R. and the All-Union Scientific Research Institute of Marine Fisheries and Oceanography, M S.Kirceva. Rast res. 2 no 4:506-587 166

MARINE FOULING

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MARINE FOULING-CONGRESSES

Resolution of the Plenum of the Section of the Oceanographic Commission on the Control of Marine Fouling and Borers Trudy, Okean, kom 13:42-44 162.

MARINE GAS TURBINES

Pressure losses due to the suction of air through en immobile axial flow compressor. F f. Gol'dberg, I A. Rabinovich. Sudostroenie 56 no.11 21-26 '66.

MARINE MICROBIOLOGY

(see also subdivision under Black Sea)

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MARINE PIPE FITTING

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MARINE PIPING

Standardization and centralized fabrication of marine pipe fittings S Bronshtein Rech transp 25 no 12 32 466

MARINE PHMPS

Ways of increasing the productivity of centrifugal pumps handling viscous petroleum products. G. Sizov. Rech. transp. 25 no 12 16-19 466

MARINE RAILWAYS

Some methods of automatic load distribution between the supports of the building slip cradles and transporting ship litting devices. B V Kolominov Sudostruenic 56 no 11 52-57 166

MARINE REFRIGERATION

Loginov, V.A. [Electric equipment of marine refrige-rating units, maintenance and care] Elektrooborudovanie sudovykh kholodinykh ustanovok; obsluzhivanie i ukhod. Pod 1 cd. G. M. Nikitina. Moskva, Transport, 1966.

Refi igerating systems of the whaling factory ships "Sovet-skaya Ukraina" and "Sovetakaya Rossiya " V A Tolmachov, V I Gurvich Sudostroenie 28 no 12 li-19 D '62

MARINE SEDIMENTS

(see also subdivision under Atlantic Ocean, Black Sea; Indian Ocean)

Sea; intuan Ocean)
Comparison of the radiometric scale of the continental
Plustacene with thromological schemes of deep-water
actiments and the curve of solar radiation, V.A.
Zubahov, Bobl. AN SSSR 171 no. 5 1151-1155 D 106.

MARINE SEDIMENTS-MAPS see subdivision under Atlantic Ocean

MARITIME TERRITORY-BOTANY

Recent floristic discoveries from the southern Maritime Territory, M.G Pimenov, A P. Khokhrinkov, R E. Pimenova, Biul. Glav bot sada no 63 78-79 '66.

MARITIME TERRITORY-HE LMINTHOSPORIUM

Resistance of oats to crown rust and helminthosporto-sis in the Maritime Territory, A.F.Grachev Shor trud.asp i mol nauch, sotr, VIR no 2 98-104 [6]

MARITIME TERRITORY-LICHENS

Find of Schismatomma pericleum in the Maritime Territory, D. K. Ges' Dokl. AN BSSR 6 no. 8 521-522 Ag 182,

MARITIME TERRITORY-OATS-DISEASE AND PEST RESISTANCE

Resistance of oats to crown rust and helminthosporio-sis in the Maritime Territory. A F Grachev Shor trud, asp i mol nauch soft, VIR no 2 98-104 [61.

MARITIME TERRITORY-ORE DEPOSITS

Genesia of hydrothermal mineralization; as revealed by study made in cassiterite-sulfide deposits in Kavalerovskoye ore zone (Martitme Territory) E P Saprykin Sov geol. 3 no 11:128-138 N '66

MARITIME TERRITORY—PHYSICAL GEOGRAPHY

Akademiia nauk SSSR, Dal'nevostochnyi filial. [Abstracts of reports from the session of the Council of the Far Akademila nauk SSSR. Dir nevoswent.

of reports from the session of the Council of the Far Eastern Branch of the Siberian Department of the Academy of Sciences of the U.S.S.R. on the results of research in 1964. Section of the Biological and Geographical Sciences] Tezlsy dokladov iz sessil Sovola Dal'nevostochnogo filiala Sibli skogo oldelonita Akademil nauk SSSR po itogam nauchnykh issledovanii 1964 goda. Sektsila biologicheskikh i geograficheskikh nauk. Viadiosiok. 1965. 25 p.

[MICROFILM]

MARITIME TERRITORY-RUSTS (FUNGI)

Resistance of eats to crown rust and helminthesportesis in the Maritime Territory. A.F. Grachev Sbortud, asp. i mol. nauch, sotr. VIR no. 2:98-104 *61.

MARITIME TERRITORY-TRADE UNIONS

A meeting of trade-union activists. Part, zhizn' no, i: 52 Ja 107.

Work with personnel and activists is the main thing. Sov. profesoury 22 no. 24-15-16 D '66.

MARKING OF INSECTS see Insects, Marking of

MARMOTS

Structure of ios penis in marmota Zool.zhur. 45 no 11:1712-1719 '66 V. P. Chet viakova.

MARIROW

Characteristics of the accumulation of radioactive phosphorus in megakaryocytes. N. D. Gracheva. Vop. radiobiol. 4.262-266. 161

Ffiect of whole-body V-1a, it adiation on utidined iphosphecose system of glycogen synthesis in man ow cells V N Pilippo a. L I Soldstenkova Radiobiologiia 6 no 6 804-806 '66

Man o w deviatation as a quantitative rilletium of radia-tion damage Report No 1 Time selection for plotting curves dosc-effect E. N. Kabakov, N. N. Perestoronna, V. G. Gorbinova Radiobiologija 8 no 6:779-782 '66

Mechanism of the origin of spontaneous and radiation-induced chromosome breakage in manaralian marrow cells IU M. Rukavishnikov Radiobiologija 6 no 6 869-874 '66

MARROW-CANCER

Experience in radioactive phosphorus (p32) treatment of 28 patients with Rustlistil's myeloma. G A Alersco. E K kollis. Probl gemat i perel krovi 8 no 2:3-9. P. 163

Results of immunological evamination of 30 patients with mycloma V P Dygin, A S Mishchenko, Probl. gemat. 1 perel from 8 no 2,20-23 F '63.

MARROW-TRANSPLANTATION

Effect of home may now implantations on the development of radiation shouses in pregnant animals and their progeny, D.IA Ivanova, E.A. Parshina, E.I Alek-sandrovich Med rad 7 no.852-59 Ag 162,

New method for preparation of cadaver hone marrow designated for transplantation. A G. Fedot akov and others. Probl.gemat.i percl krovi 8 no 2 28-34 I 163

Transplantation of Isologous bane marrow in mice following introduction of DL-90 sarcolysine N.IA Rirchenko Vop onk, 12 no 11:62-67 '66,

MARS (PLANET)

New estimate of the quantity of water on Mars. A.K. Suslov, Astron. zhur. 43 no 6 1323-1324 N-D 166

Possibility of formation of iron hydroxides on the Martian surface N M. Strakhov Astron zhur 43 no 6 1267-1273 N-D 166.

MARS (PLANET)-EXPLORATION

Proliminary results of studying photographs of Mars taken by Mariner · 4 V. A. Bronshton. Astron. zbur 43 no.6 1261-1266 N-D **166.

MARSHAK SAMULL IAKOVLEVICH, 1887 Marshak's Lyrics. N. Kolzhavin. Nov. mit 39 no. 3: 239-244 M: 163.

MARX, KARL, 1818-1863

Many on the theoretical and logical in analytical methods, K I, Shlim, Vost Mosk, un. Sci. 8 Flios, 21 no. 3 61-72 My-Je '66.

TSentral noe Objedinente Politicheskikh Emigrantov iz SSSR. [Mary on Russia, analysis of unknown articles] Marks o Rossii, analiz neizvestnykh stalei. [Munich, TsOPE] 1961. 58 p.

MARY, VIRGIN-MAY DEVOTIONS

Ivaniv, M. [Holy Virgin save us; a reader for the month of May] Prosvialata Bohorodylse spasy nas, chytanka na misiata traven'. Prudentopil', Vyd-vo oo. Vasy-Hian, 1962, 115 p. (CoU)

MARY OASIS see Murgab Oasis

MASS SPECTROMETRY

Mass spectrum and composition of vapors of silver chloride, A.V.Gusarov, I., N. Gorokhov, Vest, Mosk, un Ser 2 Khim 17 no 5:14-15 S-O '62,

Pollakova, A.A., and P.A. Khmel'nitskii. [Introduction to the mass spectrometry of organic compounds] Vvedenic v mass-spektrometrilu organicheskikh soedinenii, Pod 1 ed. A.A. Petrova, Moskva, Khimila, 1966. 202 p.

MASS TRANSFER

Kineties of mass transfer in sectification of multicom-ponent mixtures. 1. N. Chekalov, A. N. Planovskii, Khim, prom. 42 no. 12;923-925 D 486.

Kinetics of water scription on zeolites. U.S. Lezin, M. M. Dubinin Dovi AN SSSR 171 no 2/382-384 N/66

Mass transfer equation for a biological field. A.G. Tem-kin. Dokl. AN BSSR 6 no. 8:497-499 Ag '62.

Mass transfer in the process of bottle washing. G.S. Kedin, Spirt, prom 28 no. 5:9-12 162.

Some regularities of mass transfer in a box extractor. N. 1. Gellperin and others. Khim, prom. 42 no. 12: 919-923 D '66.

MASSAGE

Verboy, A.F. [Fundamentals of therapeutic massage]
Osnovy lechebnego massazha, Izd.5.,perer.i dep. Moskva, Meditsina, 1966. 303 p. (DNLM)

MASSECUITES

Field tests of the open-loop part or a system for controlling a plant for continuous cooling of massecuite
Amlinskii, V I Neshodovsii ya Avtomatyka li
no 6 16-52 '66.

MAST CELLS

Cytospectrophotometric and antoradiographic study of DNS nucley in mast cells of loose connective tissue N. G. Bhuschthov, N. I. Komarovich – Dokl. AN SSSR 171 no. 2-168-170 N. do

MATCH INDUSTRY—EQUIPMENT AND SUPPLIES

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MATERIA MEDICA, VEGETABLE (see also subdivision under Azerbaijan)

Freatment of chronic leg ulcers with plant preparations T. T. Glukhen'kii Vest derm I ven 37 no 5:32-34

MATERIALS-MAGNETIC PROPERTIES

Method of investigating pyrometallungical processes by the change in the magnetic properties of functival Z I Flekrasov, M. A. Hladkov, B. M. Matinur Dop AN URSR no. 7 898-899 183.

MATERIALS—TESTING

Study of the efficiency of materials for thermocouples. Kh M, Kulley, 12v AN Turk SSR, Ser, fiz -tekh khim, 1 geol nauk no 6,8-12 '62

MATERIALS AT HIGH TEMPERATURES

New Cithoniceous materials to high temperature techniques D M Kolotilo, V I Ul'tanov. Khim, prom Uki no. 660-61 N-D 166

MATERIALS HANDLING-EQUIPMENT AND SUPPLIES

Technical means for the transportation of goods. E Le-vin, N. Lifshits. Sov torg. 40 no.1.53-57 Jz 167.

MATERNAL AND INFANT WELFARE

From the collegium of the ministry. Sols chesp. 41 no 12 14-46 D 166

MATHEMATICAL ANALYSIS

Modeling relationship between cost of an apartment and its space B Kolotilkin Arkhit SSSR no 7:24-27 10 A representation of zero differences and Stirling numbers of the first kind VI.Shembel' Trudy Vych tsentra ANG: uz SSR 3 185-193 '62

MATHEMATICAL CRYSTALLOGRAPHY see Clystallography, Mathematical

MATHEMATICAL DRAWING see Geometrical drawing

MATHEMATICAL ECONOMICS see Economics, Mathe-

MATHEMATICAL GEOGRAPHY see Geography, Mathematical

MATHEMATICAL LINGUISTICS

Evaluation of the quantity of syntactic structures with various constraints. S.IA. Fittalov, G.S. TScittn. Kibernetika. no. 6 85-95. N-D. 166

Word equations without coefficients IU. I Khmelevskii, Dokt AN SSSR 171 no 5,1017-1019 '66.

MATHEMATICAL OPTIMIZATION

Akademiia nauk Kazakhskoi SSR. Institut gornogo dela.

[Cybernetics in mining engineering] Kibot netika v
gornom dele. Alma-Ata, Nauka, 1966. 165 p.

Best methods of piecewise linear approximation IU. L.

Ketkov Izv vys ucheb zav į radiofiz 9 no 8 1202 -1209 '66

Controllability region and correct formulation of optimization problem I. P. Lytkin Izv-vys ucheb zav ; radiofiz 9 no o 1222-1226 366

Determining the optimum transfer function of primary frequency transformer in mine telecommunication systems. A. V. Prymak Dop AN URSR no. 11:1441-1445 '66.

Kharatishvili, G. L. [Optimal processes with delays] Optimal nye professy s zapazdyvanitami. Tolital, Metsniereba, 1986. 81 p. (Akademiia nauk Gruzinskoi SSR. Vychislitel nyi isentr. Trudy, vol. 6:4)

Method for solving ones - ... cheduling optimiza-10 no.12:"17-919 Using experimental statistical methods of optimization to establish the relation of glass fiber diameter to conditions of forming. M.S. Aylanova, S.S. Gordon, V.E. Khazanov. Stel. i ker. 23 no. 11 12-16 N 166

MATHEMATICAL PHYSICS

ivanova, L.S. [Pundamentals of partial differential equations in mathematical physics; supplementary chapters to a course in higher mathematics] Nachal'nye svedepida o differentisial'nyki uravnenilakh s chastnymi proizvodnymi matematicheskoi fiziki; dopolnitel'nye glavy k kurav vysshel matematiki. Pod rod. Kh.A. Smirnovot. Moskup, Mosk, poligr. In-t., No. 3, 1965, 14 p.

[MICROFILM]

MATHEMATICAL STATISTICS

Asymptotic power of a nonpalametric criterion analogous to X statistics. Li Shi-lin' [Li Shih-lin]. Dop. All URSR no. 7.856-861 '63

Bous, A.A., and S.V. Grigorian. [Using methods of mathematical statistics in geochemical prospecting] ispol'zovanie metodov matematicheskot statistiki pri okhimicheskikh polskakh. Moskva, Gos. geol. kom-t SSSR, 1965. 72 p.

[MICROFILM]

Mathematics and geological sciences — A M. Zhuravskii Zap I (il 50 no 2:3-6 '66

Processing (lotation results by methods of mathematical statistics V.Z. Kozin and others Obog. rud 11 no 3 30-33 '66

Sebrovidna, K.V., and V.G. Kulagin. [Variational series and their characteristics. The selective method, lectures in a course of higher mathematics with the fundamentals of mathematical statistics. Themes I and II] Variatsionnye riady i fit kinarakieristiki. Vyborchnyl metod, lekisii po kursu vysshei matematiki s osnovami matematicheskoi statistiki. Temy I i II. [Moskva] Profizdat, 1966. 76 p.

[MICROFILM]

Some remarks on the cheek of hypothesis (or landom fields P S. Knopov Kibelactika no 6: 51-52 N-D '66.

MATHEMATICS

Development of concepts of geological space as possible basis for using mathematics in geology 10.5 Kosygm, 10.5 Voronm 12v. AN SSSR Ser. geol. 31 no 12v17-25

MATHEMATICS-CONGRESSES

International Congress of Mathematicians. A.A. Korbut, IU. IU. Finkel'shieln, Ekon, i mat. metod, 2 no. 6: 942-915 N-D *60

International Congress of Mathematicians in Moscow V Dobrovol's Not Dop AN URSE no 11:15:141-15:16 Mathematics and modern society; V.G. Boltianskii, A. A. Ryvkin Prinoda 55 no 12 18-56 to6

MATHEMATICS-PROBLEMS, EXCERCISES, ETC.

For those who love mathematics. Semila i shiola 21 no. 11,58-59 N '60.

For those who love mathematics Semile i shkola 21 no, 12:58-59 D 60.

MATHEMATICS—STUDY AND TEACHING (see also subdivision under Lipetsk Province)

Em ly history of mathematical education in Russia I.I.A. Depman Uch zap Ped Inst Gerts 260:108-114 '65

Higher mathematics in a physics course. B. A. Lyzunov. Vech. sred. shkola 9 no. 8;24-29 N-D '86.

Higher mathematics in the institutions of higher technical education. V. I. Smirnov, N. A. Sapogov. Vost. vys. shady 24 va 12:20-29 D '66.

Methodological recommendations for the mathematics toachers of the 5th-5th grades. I. M. Bogdanov. G. D. Gleizer. S. M. Shaklan. Vech. sred. shkola & no. 6:51-56

Moskovskii gorodskoi insiltut usovershenstvovanila uchitelei. [Planning of the work in mathematics in the 5th-8th grades; methodological instructions] O plantrovanil naboty po matematike v V-VI klassakh; metodicheskie ukazanila. Moskva, 1966. 87 p.

Moskovskil gorodskol institut usovershenstvovanila uchitelei. [Planning of the work in mathematics in the 7th-8th grades; methodological instructions] O plantrovanil raboty po matematike v VII-VIII klassakh; metodicheskie ukazanil. Moskva, 1966. 87 p.

Some problems in raising the efficiency of mathematics classes in secondary schools Z. I. Slesareva Uch zap Ped. inst Gerts 280:124-140 765

MATRICES

Complete Fierz relation system in six-dimensional form, IV.P. Stepanovs kyi. Ukr. fiz. zhur. II no. II-1191-1197 N 166.

Inversion of matrices. SP-0037. T.A. Shargina. Vop. mat. ckspl. vych. mash. no. 2:10-14 pt. 3 '86.

Minimization of number of arithmetical operations in one transformation of matrices, V. V. Kliuev, N. I. Kokovkin-Shcherbak, Ukr. mat. 2hur. 18 no. 6:122-126 '66.

Multiplication of matrices. M. R. Shura-Hura. Vop. mat. ekspl. vych. mash. no. 2:8-10 pt. 3 186.

Structure of fundamental matrices of R-systems with almost periodical coefficients V M Millionshelds of Dokl AN SSSR 171 no 2 288-291 N 166

MAXIMA AND MINIMA

MAXIMA AND MINIMA

Khalatishvill, G. L. [Optimal processes with delays]

Optimal-nye proteessy s zapazdyvanitami, Thilisi,

Metsniereba, 1966 81 p. (Akademila nauk Gruz'na-yol

SSR Vychislitel'nyi tsenti. Trudy, vol. 6:4)

Saddle points of functionals of uniform approximation

S V Smitnov, M K, Potapav, Dob! AN SSSR [7]

no 5 1041-1044 D [66].

Solution of some minimas problems. Part 1. V Deminov Kibernetika no 6 58-68 N-D '66

Solution of transport problem with time criteries G Karimov Doki AN Tudzh SSR 9 no 12 7-40 466

MAZUT-COMBUSTION

Velizhev, F.K. [Short-jet combustion of mazut] Korot-kofakelnoe Bahiganie mazuta Leningrad, Nedra, 1986 126 p

MEADOW GRASS see subdivision under Soviet Central Asia, Ukraine

MEASLES

Pathomorphological changes in the 9kin in experimental measles I.G Shroit Vest, derm i ven. no. 12:28-33 162.

MEASUES-PREVENTION

Effectiveness of a reduced dose of gamma globulis (1 ml) in the prevention of measies. G. V. Ignat leva and others Zhur mikrobiol, epid i immun. 43 no. Il;144-145 N. '66

Melenets, J. F. [Measies and its prevention] Kor'i ce preduprozhdenie. Moskva, Meditsina, 1965, 18 p (Nauchno-populiarnaia meditsinskala literatura) (DNLM)

MEASLES VIRUSES

Cytochemical study of intracellular inclusions in messics infection Z A Abdumalikova, I. A Vanag Vop virus II no 6:786-711 N-D '68

MEASLES VIRUSES-CULTURES AND CULTURE MEDIA

Study of the sensitivity of primarily trypsinized and transplantable tissue cultures to monkey morbiliform virus S,V Lokhova and others. Trudy Mosk nauch -isst inc. virus prep. no 3-235-246. [65]

MEASURE THEORY

Absolute continuity of measures, corresponding to Gaussian processes, in linear transfermations. A.D. Shatashvili. Trudy Vych tsentra ANGruz SSR 3 24t-

Shatasavit Tring vyon team and class 32 288 42
Differentiation and quasi-linear operators in a space of functions whose generalized derivatives are measures A I, Vol'pert, Doki. AN SSSR 171 no.5 1027-1029
D'66.

Limits of molecular measures in certain spaces, 1, A Berezanskii, Bokl. AN SSSR 171 no. 2-251-253 N 166

MEASURING INSTRUMENTS

Ar-O2 automatic continuous action measuring instrument for aromatic hydrocarbons, V.S. Sukhomitnov Neft i goz. prom., no. 1;58-60 Ja-Mr 183.

Davice for checking precision holes, I.A. Grigor'ev, V I. Moskvichuv, [2m, tekh no. 8 14-15 Je '62,

Device for checking recording instruments and recording inside calipers, E M. Evich | Izm. tekh | no. 6-15 | Je

Devices for measuring pothole diameters of hereholes in jet piercing S, Z Vaiman, A I Cherkonos Gor shar no 1247-50 D '06.

Instrument for date mining the volumetric weight of soils in wells or prospecting pits. I.S. Fedorov, Trudy Lab, tuzh, gidrogeol, VODGEO no. 1,167-171 162 Measuring the linear shrinkage of alloys P. P. Di evet-nisk, E. I. Ivanov, 12m, tekh. no. 6:11-13 Je 162.

New high-precision measuring instruments. P.P. Arapos. Izm. tekh. no. 6:62-63 Je '62.

MEASURING INSTRUMENTS—CLASSIFICATION

Classification of automatic measuring instruments. V.M. Shliandin, Izm. tekh. no. 6:9-11 Je

Chaesification of measuring devices according to their precision A.I. Kartashev, D. L., Orshanskii Izm tekh, no. 6-1-4 Je 162.

MEASURING INSTRUMENTS-TESTING

Improving systems of the inspection of measuring equipment, M.P.Smirnov, Izm, tekh. no. 6:55-56 Je '62.

MEAT, SMOKED

Car cinogenie substances, in particular 3,4-benzopyrene, in smoked products and measures for their removal. L. M. Shabad, Vest. AMN SSSR 15 no. 12:22-27 '60

MEAT INDUSTRY see subdivision under White Russia

MEAT INDUSTRY—EQUIPMENT AND SUPPLIES SAT INDUSTRY—EQUIPMENT AND SUPPLIES Mechanization and automation of production in the meat industry. Inform.blul.VDNKH no 8:6 Ag 162.

MECHANICAL DRAWING

MECHANICAL DAVISTAN
Bableh, O.A., and I.N. Vladislavskala. [Reading and
detailing of assembly drawings] Chiente I details ownite
shorochnyth chestezhet. Moskva, Vysshala shkola,

Verzhbitskala, V.A. [Reading of drawings] Chtenie chertezhei Kiev, Tekhnika, 1966, 130 p

MECHANICAL DRAWING-EQUIPMENT AND SUPPLIES Diswing equipment of the world, A.Stroganov. Iroht, i rats no 12,10-13 '66.

MECHANICAL ENGINEERING

Demidova, T.G. [New metals and metal alloys in engineering Novye metally i metalticheskie splavy v tekhnike. Moskva, Mosk, Avtomekhanicheskii in-t. 1965. 103 p.

MECHANICAL ENGINEERING-BIBLIOGRAPHY see Bibliography-Mechanical engineering

MECHANICAL ENGINEERING-STUDY AND TEACHING Povilciko, R.P. [Psychological requirements of man in modern technology, experimental lecture for students of construction majors in the Machinery and Instrument Manufacture (aculties of the Novosibirsk Electrotechni-Manufacture faculties of the Novosiblesk Electrotechnical Institute] O psikhologicheskikh trebovanitakh cheloveka k sovremennot tekhulke, eksper imental'nala lektsila dila studentov konstruktorskikh spetsial'nostei mashinestroitel'nege i priborostroitel'nege fatul'tetov Novosibirskoge elektrotekhnicheskoge instituta, Novosibirsk, Novosibirskil elektrotekhnicheskoge instituta, 69 p.
[MICROTILM]

M ECHANICAL WEAR

TECHARICAL WEAK
Chemical conversions of organophosphorus compounds at increased temperatures and the nature of the action of these compounds on west in friction. P. I Sanin, A. V. Ul'isnova Neitekhimita 3 no.5,775-780 S-O '63.

Durability of linings of rotary kiling in 1965. N. V. Blan and others. TSement 32 no. 6 H-12 N-D 666. L'aperimental investigation of the abrasive wear of the principle parts of centifying lymps. A. I. Borokhovich, Lev ves ucheb zov. (got. zhun. 6 no 5:127-132 63.

MECHANICAL WEAR-MEASUREMENT

New method for measuring the degree and distribution of the wear of gear whiel teeth. M. Khrushchov, C. 9, Berkovich Vest, mashimostr. 46 no. 12;9-10 D 166

MACHANICS

Some aspects of the mechanics of a homothetically changling body of variable mass, V F. IAkovicy, Irv. vys ucheb /av ,mat no 6 170-1/6 166,

Symposium on irreversible processes in mechanics of continuum. G.N. Savin. Prikl, mekh. 2 no. ll:111-142 *66.

MECHANICS, CELESTIAL

Determining acceleration of mass point in complex motion-P A Zharavlev Zap I OI 39 no 3:63-66 [†]61

Horisov, S. I., V.F. Komarov, and V.L. Tokarov, [Theory of mechanisms and paris of precision instruments] Teoria mekhanizmov i detall tochnykh priborov. Moskva, Mashinostroenie, 1966, 406 p.

Conditions of the existence of a crankshaft in three-dimensional four-link mechanisms P.A. Lebedev, Izv. vys. webeb zav (tekh leg prom. no 5,147-152 '66,

New design of free-wheeling mechantam with reversible action. L.S. GoPdin, V IA Galastuk. Vest, mashinostr, 46 no. 13:15-17 D 466.

Synthesis of mechanisms with forward moving cams, P. V. Sergeev. Vost. mashinostr. 46 no. 12:23-25 D '96

MECHANIZATION

Birth and formation of track work mechanization. M.T. Chienov. Put'i put, khoz. 10 no. 12:34-36 166.

MEDIASTINUM-CANCER

Primary mediastino-pulmonary choricepithelioma in males M. S. Starichkov, I. L. Tager Vest. rent i rad. 37 no.3:50-54 My-Je 62.

MEDIASTINUM-RADIOGRAPHY

Atypical form of roentgenological manifestation of mediastinal lymphogramlomatosis. B.14 Luk/lanchenko, I. A. Pereslegin. Vop onk 9 no. 3 83-87 63.

ME DIASTINUM-TUMORS

Atypical form of roentgenological manifestation of mediastinal lymphogranulomatosis. B.IA. Luk ianchenko, I. A. Pereslegin. Vop. onk. 9 no. 3:83-87 '63.

Current methods of diagnosis and evaluation of the operability of lung and mediastinal tumors B. K. Osipov and others Khirurgtia 39 no. 2:85-90 F 163.

MEDICAL AND PHARMACEUTICAL CHEMISTRY see Chemistry, Medical and pharmaceutical

MEDICAL BOTANY see Botany, Medical

MEDICAL CARE, COST OF see subdivision under United States

MEDICAL ELECTRONICS

Prospects for the use of optic quantum generators in brology and medicine A A, Vishnevskii, S N, Braines Eksper khin i anest 8 no 6-3-6 N-D 463

MEDICAL ELECTRONICS—CONGRESSES

Second All-Union Conference on the Use of Electronics in Biology and Medicine IU B Mendellinyaig, Nicdial 7 no 8,100-101 Ag '82,

MEDICAL ETHICS

Some problems in othics in the work of the pharmacist I E. Ivanov Apt delo 12 no 17-12 Ja-F '63

MEDICAL GEOGRAPHY

Chaklin, A.V. [Geography of malignant tumors] Geo-grafita złokachestvennykh opukholet Moskva, Znante, 1806 46 p. (Novoe v zhizni, nauke, tekhnike. VIII Se-ilia: Biologina i meditsima, no.24)

Problems of apidemiological geography Report No 7: Significance of antroposphere in the geographs of conose pathogens 1, I, Elkin, V, K 1Ashkull Zhu mik obiol, epid i immun 43 no 11:101-109 N '66 Regional characteristics of the occurrence of malignant neoplasms in the Ukrainian S. S. R. N. G. Znachkovsku, R. G. Phakin Klin, onk. no 1/218-223 165

MEDICAL GEOGRAPHY-RESEARCH see subdivision under Siberia, Soviet Far East

MEDICAL GYMNASTICS see Exercise therapy

MEDICAL INSTRUMENTS AND APPARATUS

Universal month-dilating apparatus for mechanical therapy of the lower jew A. A. Akhmedov Azerb med zhur no 7:68-70 Jl '62

MEDICAL JURISPRUDENCE

National of the practice of forensic medicine, reference book Laboratony elseledovantia v praktike sudebnomedifshiekoi ekspertizy, spravochnoe posobie. Moskva, Meditsina, 1966. 234 p.

MEDICAL LABORATORIES see Laboratories, Medica1

MEDICAL LIBRARIES

A conference on the problems of bibliographical information in medical libraries L.P. Sov bibl no 5 106-

MEDICAL MICROBIOLOGY

Ashmarin, I.I. [Practical medical microbiology] Prakti-cheskala meditsinskala mikrobiologija; rukovodstvo, 2.12(A), lspr. i dop. Tashkent, Meditsina, 1966, 323 p. (DNLM)

Comparative evaluation of different methods for isolating minimal doses of tick-borne encephalitis viruses P S Karaseva, B, S. Semenova Fruit, Mosk nam h -issl inst virus prep no 3:74-79 '65

Multiplication of influence viruses in thick embryos and significance of this factor in the production of influenced proparations T.G.Orlova, L.A. Porubell, IV.N. Tataninova Trudy Mosk nauch -isel inst virus prep to 3: 168-174 655

Study of adsorption and elution processes of influenza virus T. G. Orlova, L. A Porubel', IU, N Tatai inova Trudy Mosk neuch -issi instavirus prop no 3:161-

MEDICAL MICROBIOLOGY-CONGRESSES

Mechinstitutskala nauchnala konferentsilia pamiati L.A.
Tarasevicha, 1965. [Materials of the Interinstitute
Scientific Conference in Memory of L.A. Tarasevichs
strains, vaccines, sera and antibiotics] Materialy;
shtanmy, vaktsiny, syvorotki i antibiotiki. Moskva,
Gos. kontrol'nyi in-t med, biologicheskikh preparatov, 1965. 365 р.

(DNLM MICROFILM)

MEDICAL MICROBIOLOGY-CULTURES AND CULTURE

Automatic measuring of the consumption of liquid media under sterile conditions. V. N. Chernov. Lab.delo no.1:57-58 '67.

Use of scienite medium for bacteriological disgnosis of intestinal infections. A.E. Nusinov and others. Lab. delo no.1:40-42 '67.

MEDICAL MICROSCOPY see Microscopy, Medical

MEDICAL PERSONNEL

Engel'talor, E.S. [Righ calling; essays on people of a noble and restless profession] Vysokoe prizvanie; ocherki o liudiakh blagorodnol i bespokoinel professii. Riga, Liesma, 1906. 148 p.

MEDICAL RADIOLOGY see Radiology, Medical

MEDICAL RECORDS

New forms for tecording traumes in the andustry. V. Chetveritora, R G Saks. Travmatologila no 1 16-

MEDICAL RESEARCH

Collaboration is necessary! Nikolai Strokovskii Sov Uki 12 no 4 142-147 Ap 162

Some problems in the Organization of scientific activity in a rural district hospital V.I Shepotinovskii Sowmed 26 no 3:86-88 Mi '63

MEDICAL SCREENING

Changes in the composition of newly diagnosed patients with pulmonary tuber culosis. M. A. Volkova, F. A. Dritts Sov. med. 20 no 12 100-101 D. Joh

MEDICAL STATISTICS

Statistical methods for analyzing the general character in droplet infections B L Charlass Fir. N V Lithovaido Zhur mikrohol , epid i immun 13 no R415-122 N '66

MEDICAL SUPPLIES

Folding portable board for the transportation of patients with polyne and spinal fractures | V | S | Sommitskii, Trudy Inst. in: N, V, Sklif | 7 488-119 463,

MEDICAL TESTS

Comparative study of examination achedules of oncologiral patients in 1952 and 1962 G. I lyakhno, I N. Gustitser Kim opk. no. 1/224-229 155,

Radioactive rodine and scintigraphy test for the deter mination of the functional state of the thyroid gland in oncological patients. T.N Khitskana Klin onk no. 1 209-214 466

MEDICAL THERMOMETERS AND THERMOMETRY see Thermometers and thermometry, Medical

Kingizskii gosudarstvomnyi meditsinskii institut. [Some rosults of scientific studies during 25 years] Nekotorye ttogi nauchnyki isaladovanti 2 25 let, shorak rabot. Frunze, "Kyrnyzston," 1904. 165 p. Frunze, "Kyr (DNLM)

Safonov, A.G., ed. [Textbook for the training of nurses]
Uchchnee posoble dla podgotovki meditsinskikh sester,
Moskva, Meditsina, 1906, 471 p.
(DNLM)

MEDICINE—ABSTRACTS

Abstracts. Soy med 28 no 3:146+154 Mr 463.

Brief reports G, A, 17 mailor and others Sov, mad = 29 no. 12:132-136 D $^{-1}66$

no. 12:132-136 D '66
[Medical abstracts] Med. ref. rhur. sect.1 vol.11 no.1 Ja '67. Sect.2 vol.10 no.12 D '66; vol.11 no.1 Ja '67. Sect.3 vol.10 no.12 D '66; vol.11 no.1 Ja '67. Sect.4 vol.10 nos.11-12 N-D '66; vol.11 no.1 Ja '67. Sect.5 vol.10 nos.11-12 N-D '66. Sect.6 vol.10, nos.11-12 N-D '66. Sect.6 vol.10, nos.11-12 N-D '66. Sect.7 vol.16 nos.11-12 N-D '66; vol.11 no.1 Ja '67 Sect.8 vol.10 nos.10-12 O D '66; vol.11 no t Ja '67. Sect.10 vol.16 nos.10-12 O-D '66; vol.11 no.1 Ja '67. Sect.11 vol.10 nos.11-12 N-D '66. Sect.12 vol.10 no.10 O '66, vol.11 nos.1-12 Ja-F '67. Sect.13 vol.10 nos.10-12 O D '66.

MEDICINE—BIBLIOGRAPHY see Bibliography— Medicine

MEDICINE-DICTIONARIES

Russian-Azerbaijani medical terminology (kerb med zhur no 3:83-88 Mr (62

MEDICINE-HANDBOOKS, MANUALS, ETC.

[Landbook for dectors of polyclinics] Polikilniku arsti teatmik. Tallinn, Valgus, 1966. 497 p [In Estonian] (DNLM)

MEDICINE—STUDY AND TEACHING

Views of N. I. Pirogov on the system of medical education; a survey of angulaished documents S. S. Mikhailov, I. I. Kagan Khirugila 39 no. 2;111-148 F '63.

MEDICINE, INTERNAL

D'lachenko, V.A. [X-1 ay diagnosis of diseases of the in-ternal organs; manual for doctors and students] Rentgenodiagnostika zabolevanii vnutrennikh organov; rukovodsivo dila vrachoi i studentov. 2. izd., dop Mo-skva, Meditsim, 1966. 504 p. (DNLM)

MEDICINE, RURAL

Tuberculosis of the respiratory tract in rural residents, E.G. Belosliud, Sov med, 20 no. 12-36-39 D 166,

MEDICINE AND RELIGION

Medicine is against religion M. Anan'ev. Agitator no, 2 43-45 Ja '62,

Riabushkin, N.V. [Science against religion] Nauka pro-liv religii. Moskva, Meditsina, 1966. 47 p. (Nauchno-populiarnaia meditsinskala literatura)

MEDIEVAL ART see Art, Medleval

MEDITERRANEAN SEA-FORAMINIFERA

Distribution of Four miniters in surface layer of sediments meastern part of M.Aiterrareon Sea F R Korneva Objacologija 6 no 5 117-822 '66

MEDITERRANEAN SEA-TITANIUM

Titanum in sediments of Middlerranian Sea E M Eme-lian: Lit (pd) islop no 6 3-18 N-D '66

'ictastases in melanoma I 'I Zhulo itshi So med 25 no 3 124-127 Ir 'n3

MELITOPOL' DISTRICT-RURAL CONDITIONS

Mobility of the social structure of the rural village.
III V. Vrutturian Vest Most un Ser 8; Filos 21
no 3 In-24 My-Ji 186

MELITOPOL' DISTRICT-SOCIAL MOBILITY

Modify of the social structure of the rural village, IU, V Authuntan Vest Mosk un Ser d; Files 21 no. 3,1n-24 My-Je 466

MEL'MAN, SOF'IA MOISEEVNA, 1891-

S. M. Mel'man, on her 75th birthday L.B. Alaev, I.I. Reimer har Az i Afr no 6 153-154 166

MELNIK (BULGARIA)-ARCHITECTURE

Renunks on architecture of Bulgatia, S. Bortnik, Stroi Laithu 14 no 11-32-35 N 166

MEL'NIKOV, KONSTANTIN STEPANOVICH, 1891-

At chitect Konstantin Mel'nikov. IU, Gerchik, Arkhit, 953R no 8;51-35 166

MELONS—DISEASE AND PEST RESISTANCE
Reaction of the ecological groups of melons to fungus
diseases N G Gordeeva Shor trud asp i mol nauch
sotr VIR no 2 288-293 (6)

MELONS-WATER REQUIREMENTS see subdivision under Soviet Central Asia

MELTING POINTS

Mercury volume jump during melting at pressures up to 15 000 kg/cm 2 V S Bogdanov Zhui fiz khim 40 no, 11 2772-2783 N 468

MEMBRANES (BIOLOGY)

Study of permeability of artificial membranes for neutral and ionizing substances as related to membrane structure 1 N Moisecta, \ G Pas,nskii Biokhimifa 31 no 6 1159-1166 \ \(\gamma \)-D \ \(\frac{1}{1}66 \)

MEMERANES (CHEMISTRY)

Electrochemical properties of membranes from anion exchangers with different structure of ionogen group. Part 3 Evaluation of mobility of ions in membranes from 4SD amon a changers T I, Rozhanskala, E, A Matero, a Elektrokhumna 2 no 11 1449-1751 N '66

MEMORIAIS see subdivision under Georgia

MEMORY

Electrical activity of the cerebral cortex in rabbits during pairing the action of sound with rhythmic light G Apo-stol, L G. Voronin Zhur vys nerv dejat 13 no 4: 699-704 Jl-Ag '63

MENINGO-ENCEPHALOMYELITE see Encephalo-

Automatic control of the search for the coordinates of identical image points, P. P. Zakharov, Izv vvs. ucheb zav. .geod. i aerof no. 3 135-138 '62

Concepts of functional scales in a mathematics course in secondary schools A Orazaliev Uch zap. Ped inst Gerts 260;224-245 '65

Exercises pertaining to measurement in a fifth-grade arithmetic course A G Borchugova Uch zap Ped inst Gerts 260:201-208 65

MENTAL DEPRESSION see Depression, Mental

MENTAL FATIGUE see Fatigue, Mental

MENTALLY HANDICAPPED CHILDREN

(see also subdivision under Moscow) Differential diagnosis of some forms of retarded speech, G.V. Matsievskais, Uch. zap MGPI no. 219:33-48 '64.

MENTALLY HANDICAPPED CHILDREN-EDUCATION

Knowledge of arithmetic by students who entered the first grade of a school for mentally handicapped children, M.N Perova Uch.zap.MGPI no.219:143-156 64.

Preschool education of mentally retarded children; according to the materials of specialized kindergarten No 468. G. M. Guseva. Uch, 2ap MGPI no. 219 118-129 '64.

Present status and some means to improve the teaching of drawing in schools for mentally handicapped children. I.A. Groshenkov. Uch.zap MGPI no 219-157-172 '64

Selecting students for the schools for montally handi-capped children, S.D.Zabræmnata, Uch.zap.MGPI no.219:103-117 '64,

Studying the reading interests of upper classmen of the schools for mentally handicapped children. L. M Serova. Uch zap MGPI no.219 130-112 '54

MENTALLY ILL-HOME CARE

Ostapiuk, L.S., and T.S. Pevzner. [Care for the neuro-psychic patient at home] Ukhod za nervno-psikhiche-skim bol'nym v domashnikh uslovijakh. Moskva, Meditsina, 1966 | 35 p | (Nauchno-populia) naia meditsinskaia literatura) (DNLM)

MENTHADIENE

Δ⁴-Carene → p-1, 5-menthadiene rearrangement in the reaction of 3, 4-dibromocarane with silver acctate Z G Isresa, I B Nemrowskata, B A Arbuzov Doki Ar SSSR 171 no 2 349-451 N '66

MENTHOL

Technical method of Separation of crystalline di-menthol by rectification N.S. Frumbina N.N. Zelenetskii, Z.F. Greb, bailova Trudy VNIISNOV no 7 109-115 '65

MERCANTILE BUILDINGS see subdivision under

MERCAPTANS see Thiots

MERCAPTO COMPOUNDS

Synthesis of some nercapto derivatives of pyridine and pyrimidine V. A. Portmagini, V K Karp, Uki khim zhai 32 no 12,1305-1310 tos

MERCAPTO GROUP

Changes in sulfhydryl group content in extremity tissues of axolotis following inhibition of their regenerative capacity by X-ray irreduction and list esteration N.A. Teplits, S. P. Kilma, Dokl, AN SSSR 171 no 2020-1212 D 66,

MERCAPTOPHOS-PHYSIOLOGICAL EFFECT

Effect of mercaptophos on conditioned reflexes and on the cholinesterase activity in cats, IU.S. kagan. Zhur. vys. nerv. deiat. 12 no. 3 530-539 My-Je '62.

MERCHANT MARINE -- MANAGEMENT

Method for consolidated calculation of the need for replenishment of the marine hansportation fleet B B Slavin-Borotskii Trudy Soluz Moi NIIProel t no 7 38-

Methodology of quantitative analysis of the productive activity of the merchant marine M. A. Tikhonova Trudy SoiuzMor NIIP; ockt. no. 7, 22-38, 165

MERCHANT MARINE-PASSENGER TRAFFIC

Coastwise passenger transportation rates and suggestions for their improvement. I,I Makal'skii, Trudy Soiaz MorNIProckt no 755-69 '55

MERCHANT MARINE-SCHEDULING

Operative planning of the transportation process in combined water way and railroad communications Khalitov Trudy SoluzMor NIIProekt no 7 43-55 (65

Use of electronic digital computers in working out schedules for the movement of ships and the loading of ports, L. M. Gas'kov, K. N. Denisov, Trudy SoluzMor NHP rockt no 7 17-22 165

MERCHANT SEAMEN

Economic indices of eight- and seven-hour watch and work schedules on ships N.I. Povalinev, Trudy Soinz-MorNiiProekt no. 7 70-82 '65.

MERCHANT SEAMEN-SALARIES, PENSIONS, ETC.

Material and moral incentives for work in river transportation S. Kozlov Rech transp 21 no 7 15-17

MERCHANTS see subdivision under Yugoslavla

MERCURY

(see also subdivision under Daghestan)

Mercury volume jump during melting at pressures up to 15 000 kg/tm². V S. Bogdonov. Zhui, fiz, khim, 40 ro, 11 2770-2783 N 166.

MERCURY-TOXICOLOGY

Preventive and therapeutic effect of ACTH and cortisone in intovication with mercury prepn atlons A, V Kuzne-isov, M, I, Remizova Trudy LPMI no 32 62-68 '65.

MERCHRY ACETATES

Reaction of phenyliodoacetate with mercury and morcuric acetate. IU. A. Ol'dekop, N. A. Maier, A. V. Bystrafa Doki. AN ESSR 6 no 6.503-504 Ag *62.

MERCURY COMPOUNDS

Cation thiocyanate complexes of mercury. E. A. Giunner, N. D. Belykh. Ukr. khim zhur. 32 no. 12 1270-1272

MERCURY ELECTRODES see Electrodes, Mercury

MERCURY ORES see subdivision under Siberian Platform

MERGANSERS see subdivision under Kamchatka

MEROMORPHIC FUNCTIONS See Functions, Mero mor phic

MEROMYOSINS

Distribution of light meromy on in Di Ai Septerberg.

E B Kofmen, V P Vankina - Brokhimita H 1999. 1099 N-D 166

MESHCHERA-PEAT SOILS

Change in some hydrophysical characteristics of parameter intensify as under cultivation. Rh. N. Sterfloor, Vol. 41. 58-69 '66.

MESONS

Quark-muon currents and disturbance of CP 1 and 4. D Sakharov Professed, Zhur, ek per treater from 5 no 1 ib-39 da 267.

MESONS-CAPTURE

Asymmetry of neutron escape in P -capture, V G - +t - vinskit. Tad fig. 1 no 5:1021-1030 N tur-

MESONS-SPECTRA

Libergy spectrum of re-measure generated in the 4 args than of 9 her protons with the condition on 6 b, c, 8. Thenbergenova, A, P. Ka, rusk da, P. V. Morro, c, 3. AN Kazakh SSR 19, no 1,79–63, in 463.

METABOLISM

Absorption and metabolism of feed digestion problems rumon walls, N V, km flow and others, 1 no 6:890-899 'bb.

Change in the state of earbohydrate and fat an 141 Deand the indices of special production in breeding tunder the effect of various ratios of particular test. rations. P. P. Vashchekin. Trudy Undaha haras Selkhoz nauki no, 1 220-215 lbb.

Diffect of ionizing radiation on bacterial metabolist IA L Shekhtman V. A. Zanin. Radiobiologica (881 050+888

Filect of X rays on sen, tivity of Parameetan, variation metabolic inhibitors, N. E. Kovaleva - 1 strike, p. 8, no. 5-629-638, S-O (66)

Study of the mechanisms of antitumor action of station, metabolites, A.K. Belousova, Vest. AMS, no. 12,13-77, 160,

METACINNABAR see subdivision under Altai Mondal s

METAL BONDING

Effect of stabilizers on the adhesion of polycopies this steel L. B. Kavarakahi and others. Plantages. no 12-67-68 16-8

METAL CASTINGS-COOLING

Cooling cylinder and sphere-type castle is in the section of O IU Kotsubinskii - Lit, probes no 1994 - 23 D 466

MCTAL CASTINGS-DEFECTS

Mechanism of the origination of temperature discrete deformations in continue 14.5, Konstantino, 1.4 proize no 11;25-42 N 54

METAL CLADDING

Applying anticorrosive coalings by the metal-codimethod. V. L. Vinniskii. Mont i speta interaction 25 no 0 (21-26 Ar '67

METAL CLEANING

Effect of continuous renewal of the nurface of a metals on the rathode process of by drogan roofst.

N. D. Tomashov, N. M. Stukov, L. P. Vrishinda, a test.

AN 585R 171 no. 5-1134-1147 D. 366

METAL CRYSTALS-DEFECTS

Exposure of dislocations in metal of yathin by selection etching. A.A. Predvoditelev, E. G. Popkova. Host krist, 5:259-264 465.

METAL CRYSTALS-GROWTH

initial forms of growth in electroci youldiration of ---Rost, selst, 5-136-146 465.

Kinetics of \$\textit{\beta}_{\text{call}}\$ ain growth in commercial (limitup 21) \$\text{call}_{\text{call}}\$ B.A. Kolachev, V.V. Shevchenko. Trudy MA31 \$\text{call}_{\text{call}}\$ \text{ MA31 }\text{call}_{\text{call}}\$. 03-75 466,

Production and plastic deformation of single criticals of refinctory metals and alloys host krist. 0:300-318 55 D. M. Savitskii and allera

Studying kinetics of growth of metal crystals. V.1. Borlsov and others. Rost kelst, 5,84-88 405

Use of zone refining method in galowing single cavalate of refractory chemically active metals and some of their oxides N. A. Brilliantov, N. L. Mercalucya, 1 Starostina Rost krist 8:297-300 '65

METAL CUTTING

(see also subdivision under Kuznetsk Basia) Dimensional wear of cutting too is in machining it a E1437B alloy. I. d. Fridlender. Vest the thin sur 46 no. 12;68-66 D 166.

Gorolov, V.M. [Metal cutting] Rezante metallov, Maskinostroenie, 1966, 206 p.

ULTAL CUTTING—VERATION

Experimental investigation of vibrations in metal cutting, M. Francia, G. Latevori in Proint 1 in 9 no 10 38-41 46

METAL-CUTTING TOOLS

Criterion for the dulling of end keyway cutters. A.O. Friazorian Vest mashmosti in no 12,60-67 D 66

Makarov, A.D. [Wear and strength of cutting tools]

Iznos I stolkost' rezhvehchikh instrumentov. Moskva, Mashinostroenie, 1966. 203 p.

METAL-CUTTING TOOLS-EXHIBITIONS

Skeptsov, V.I., M.V.Kalinkov, and K.F.Romanov.
[Machine tools and metal-cutting tools at the Leipzig Fair in March 1966] welattiez mant i stanki i in-strumentalinoe proizvodstvo na Leiptsigskoi tarmarke t marte 1965 g. Pod obshchei red. V.I. Skort ova. Moskva, Milmash, 1965. 84 p. (Serlia S-i stankosti oenie)

METAL HALIDES

Surface tension of intanum (cti achio) ide and vanadium ox, trichteride P. P. Pug chavich, I. V. Treillakova, I. V. Nisel'son Zhur fiz Thim. 10 no. 11,2009-2005. I 1.1

METAL INDUSTRIES—MANAGEMENT see subdivision under Leningrad

METAL IONS

Inhibition of the catalytic activity of metal ions of variable valency in the oxidation of rubber - V S Kutzminskin, V B Zautsey, N N Lezhnev - Vysokom seed - 1 no.114682-1687 N 162

trigraction of metal eations with afficine ions in watergivered solutions. A A Zagorovskila, A N Chivikova, Trudy MKHII no 11 91-93 163

Temperature dependence of cadmium and thallum, cation a laurence on platimum. G. A. Mananov, N. A. Bafashova. Plettrochimita. 2. no. 11 1358-1360. N. 466

METAL POWDERS

Chai acteristics of powder shifting during vibrating compaction. I T Kritola, I M, trolubey Porosh met. 6 no 11 14-16 V 56.

Solesting powders for preparation of porous blanks, G.F. Tit honov, I.A Pyrialov, V.K. Sorokin Porosh met. 6 no. 1119-13 N 166.

METAL POWDERS-CORROSION

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Chemical alckel plating of iron powders, T.V. Stapanova, 1.1. Ganago, Potosh met 6 no 11;7-8 N 166

METAL POWDERS—TESTING

Comparative study of properties of nickel-graphite materials from powders of electrolytic and carbonyl missel, I.M bedorchenko, I. J. Denisento, V. R. Krautman, Porosh m.t. 5 no. 11:35-30 N '66,

METAL SPRAYING

McInthiation of products made of plastics. N V Mata-khovskii, Plastimassy no 9 69-71 '62,

METALDEHYDE

Studying it connelecting activity of metaldelyde and phioro-glutinol acrosols N.V. Bychkov, N.N. Philason, A.V. Bromberg Trudy GGO no 18643-9 to

METALLIC FILMS

Conditions of formation of single crystal thin films on noncrystalline backings I K Vitol, L. K. Belziter Rost krist 6 319-324 '65

METALLIC FILMS-ELECTRIC PROPERTIES

Crystal structure of phibalocyanine and conductance of systems consisting of in tal coated with phibalocyanine figure S.D. Levina and others. Bloctrochimita 2 no. 11:1343-1315. N 56.

METALLIC FILMS—THERMODYNAMICS

Oscillations of electron thei modynamic characteristics of metal film in high present region S.S. Nedotezov Zhur eksp. i teor fiz 51 no 5,1575-1586 N '86

METALLIC OXIDES

Continuous metal-steam process for the production of hydrogen using natural coal, A A.Gavrillova, Trudy IGI 18:101-109 162,

Microhardness of oxides of some elements | L. N. Bnz benova and others | Izy AN SSSR, Neorg mat | 2 no 11:1001-1007 N '66.

Pol trographic study of metallic oxides with equimolecular mixture NaPO₃ - KCl as the support I, D, Panchenko, K, M, Boiko, Uki, khim zhuz. 32 no. 12: 1296-1298 ¹66,

METALLIC OXIDES-THERMODYNAMICS

Role of surface phenomena in the kinetics of chemical reactions, sintering, and accumulative recrystalliza-tion of refractory oxides, A.I. Leonov Izv. AN SSSR, Nearg, mat. 2 no. 12:2168-2174 D '66.

METALLIC OXIDES. EFFECT OF TEMPERATURE ON

Studying solid phase leadilons with help of a midiometric dilatometri. A l' Bessonov, G. A. Taksis, 10 N. Semavin. Porosh nuct. 6 no. 11 72-76 N. 166

METALLIC SOAPS

I flect of novalfalies and acuts on the structure and properties of hydrated alcum-thickened greases 10.1 Ishelmk, V V Smitson, V A Proboptine Dokt Ad SSR 171 no 5 115-1137 D 466.

METALLOGRAPHY

Using composite blank methods to study metal flow during forging. P.N. Merkulov. Kuz. -shtain, proizv, 8 no.12 15-15 D 466.

METALLURGICAL FURNACES

Heating metal in molton glass in furnaces operating on natural gas | F. G Shadek | Gaz prom. 11 no 11 45-

New developments in research | G. M. Kompanicks, M 1 | Staroseletskii | Stall | 26 no 12 1144 D | 66,

METALLURGICAL PLANTS

Concerning the use of the waste nitrogen of the object producing systems of metallurgical plants, A.P.Korahunov, Prom. cnerg. 16 no.1 19-21 Ja '51.

METALLURGICAL PLANTS-ELECTRIC EQUIPMENT

Change in the control network for a generator and the control of the GMP-100/2500 condensor system, G. A. Kollanov. Prom. energ. 16 no. 1,26-28 Jul 161.

METALLURGICAL RESEARCH

Five-year plan and our objectives, Ohog, and 11 no. 3: 3-1 166.

METALLURGY

Method of investigating pyrometating gleaf processes by the change in the magnetic Ptoporties of material.

Z.1 Novrasov, M. A. Hladkov, B. M. Maimur. Dop. AN URSR no. 7:896-899 163

Practicability of the anode-jet method of treating metal surfaces SA Downer Dokt, AN RSSR 6 no. 8-494-196 Ag 162

METALLURGY-ABSTRACTS

[Metallurgy] Ref. zhur. Met. no. 1 Ja '67.

for evenage extraction of nickel, zinc, and chromitum from the sewage of galvanization deput intents. T. I. Shkorbatova, L. I. Ryzhova. Vod., F. m., gidr. 5001, no. 1,57-70 [36].

METALS-ELECTRIC PROPERTIES

Effect of temperature on potentials of zero charges of some metals in fased littlers and potassium chlorides I.N Priteckina, V A.Narnetsov, N P. Malintina, Electrorhimita 2 no. 11 1307-1311 N 466.

l'stimation of the energy characteristics of current carriers in metals by the temperature dependence of the thermal electromotive force M.D. Smolin, Dop. AN URSR no. 7-493-893-53.

METALS-FRACTURE

Akademiia nauk URSR. [Mechanism of metal fatlure]
Mekkäniöru tuztushenila metallov. [Kiev, Naukova
dumka, 1860] 12t p. (Respublikanskii mezhvedomstvennyi sboncik. Serila "Metalloftzika")

METALS-OPTICAL PROPERTIES

Fifeet of periodic lattice potential on optical properties and other integral character (sites of cubic polyvalent metals R N. Gurzhi, G P. Motulevich Zhur ekep i toor fiz 51 no 1/1220-1226 O '66

METALS-THERMODYNAMICS

Relation between entropy of evaporation and entropy in boiling point of metals 1 1 Ivanova, Zhur, fiz, khim, 40 no, 11-2801-2803 N 166.

METALS, EFFECT OF TEMPERATURE ON

Certain phenomena occurring at grain boundaries in weld-affected zones. IV. A. Sterenbogen. Autom. svar. 19 no. 12:8-8 N [i.e. D] '68.

METALS, RARE AND MINOR

(see also subdivision under Turgay Gates)

Comparative characteristics of two types of rare metal motacomatites. A.V. Kosterin, V. S. Demchenko. Gooli geofiz no.11:18-27 163.

Distribution of rare elements in halogene sediments T F Bolko Dokl. AN SSSR 171 no. 2 157-460 N 166

METALS AT HIGH TEMPERATURES

Demidova, T.G. [New metals and metal alloys in engineering] Novyo metaliy i metallicheskie splavy v tekhike Moskva, Mosk. A viomekhanicheskii in-t, 1965. 103 p.

Hardness of heat resistant steels at high temperatures depending on addition alloys and heat treatment. N. A. Bystrovs. D. IA. Vishniakov. Trudy MATI no. 86:16-20 '66.

309

METALS IN THE BODY

Changes in the content of rine and copper in the blood in hypertension I D Rachinskil So med 29 no 12 11-14 D 766

METALWORK-HANDBOOKS, MANUALS, ETC.

[Metalworkel's handbook in three volumes] Smayochnik metallista v trekh tomakh Moskva, Mashinostroente, Vol 3 Acherkan, N S , ed lrd, 2 , perer. 811 p

METAMORPHEM (GEOLOGY) (see also subdivision under Lapland, Sayan Mountains, Yeniscy Valley)

Atterations of granites and populaties under the influence of alkaliscontribuing hydrothermal sedutions at increased pressure, V.S. Haltskii. Dokt AN SSSR 171 no.5 175-1178 D 568

METASOMATISM see subdivision under Azerbaijan, Khakass Autonomous Pa ovince

METASOMATITE

Comparative characteristics of two types of rare rectal meta-ormatics. A V. Kosterin, V. S. Demchanko Geol 1 geofiz. no 11,18-27 463

METASTASIS

thremoma of the uterus and orar to scombined with inhigh ant tunions of other localitations 5 M Slanchak Klim onk no. 1457-460 185

Compaintive study of the effect of different doses of growth promoting substance of petroleum or ight on the development of experimental times = 5, A. Gulieva Azerb med 7 har 40 no 1,15-20 Ap 163

Development of methodology for using ionizing radiations in the general complex of therapeutic measures for

in the general completed therapeutic incremes for preventing and freating relapees and nucleisland of lymph node cancer. It Shevchenko, P. D. Nekradov Kim onk. no. P.28-33-365.
Ciencralized metastasch of asymptomatic cancer of the prostate gland, one observation, V. N. Lebedev, E. V. Moreims, R. Kh. IUnicheva, Vop onk. 12 no. 12.59-60-166.

Lymphogenic metastrals and its significance for rational Planning of the freatment of breast cancer 5 A. Kholdin I III. Dynarskii Vop onk. 9 no. 3-96-102

Metastases in melanoma - I. M. Zhukovitskii. Sov ned 26 no 3,121-127 Mi ¹63

Metastasis of malignant tumors into the spicen. Vop. 9 no 3-58-61 63

Osscous metastases of stomach cancer; 4 observations, V. M. Medunetskala, Vop. onk, 12 no. 12.56-57 '66' Technique of the radiologist in treating inetastases in the lymphatic glands in tumors of the head and neck M A Voltova Med, and 7 no 8:32-37 Ag '62.

Quantitative mineralogical and chemical composition of Okhansk meteorite based on old and new data P. N Chirvinskii A. N. Kobink. IU K Mitinain Nauch trudy Perm politekii inst no 12 29-38 pt 1 52 Perm politekh inst no 12 29-38 pt 1

METEOROLOGICAL INSTRUMENTS

Automatic impactor. S. L. Satkisov, G. V. Stephnov, S. V. Shvedov. Trudy VGI no. 3:43-17 466

METEOROLOGICAL MODELS
Experimental checking of validity of parabolic ionosphere model for inversely oblique sounding 16. A.Chernov Geomag i.e.: 8 no 6 1047-1050 N-D 166.

METEOROLOGICAL SATELLITES

Kondrat'ev, K.M., E.P.Bol isenkov, and A.A. Morozkin,
[Practicul use of data from meteorological artificial satellites] Praktichoskoe ispol'zovanie dannykh meteorologicheskikh sputnikov Leningrad, Gidrometeoizdat, 1968. 375 p. illus.

METEOROLOGY

(see also subdivision under Schirmacher Ponds, Antarctical

Antarctical Chairs of atmospheric pressure and circulation in years with abnormalities in the water supply of the Knma, Pechora, and Vychegda River L. A Zhivkovich Vest Mosk un Ser 5: Geog. 21 no 6:93-95 N-D 66

N=1 '00
Type characteristics of basic varieties of atmospheric circulation patterns during the cold part of the year A A Girs. Probl. Arkt. no. 7.65-70 '59.
Zonal indices of atmospheric circulation. G IA. Vangengeim. Probl Arkt. no. 7 55-63 '59

METEOROLOGY-OBSERVATIONS

[Sixth semiannual catalog of IGY meteorological data] Shestimes, kat. nai. dan. MGG po meteor, July 1957-June 1980, publ. 160.

METECROLOGY, AGRICULTURAL (see also subdivision under Caucasus, Northern) Methodology of evaluation of effect of close ice crust or wintering of wheat V M Lichikaki Meleon i gidnol no 12:40-41 D '66

Vitkevich, V.I. [Agricultural meteorology] Sel'skokho-ziafstvennata meteorologila, Izd. 2., perer. Moskva, Kolos, 1966, 382 p. (Uchebniki i uchebnyo posobita dija vysshikh sel'skokhozialstvennykh uchebnykh zave-(DNAL)

Ephemorides of the radiant of n "Aqrds, 1962. A. N. Sumonenko Iz", All Turl, SSR, Ser fiz., -tekh , khim r geof nauk no 6-119-120 162

Kashcheev, B. L., V. N. Lebedinets, and M. F. Lagutin [Meteoric phenomena in the earth's atmosphere] Meteornye tavlenita v atmosfere Zemli, Moskva, Nauka, 1967 259 p. (Akademita nauk SSSR, Mezhduvedomstvennyt geofizicheskii komitet. Issledovanie meteorov, no. 2)

Photographic photometry of motors attached to the dail, paths of stars. A Calina down, S hallow, S Khandollstov Lev AN Turk, SSR Ser, its steller, Frim.) good nails no 2 126 - 179 [61]

Two nomograms for determining the parameters of meteor trail drifts. Vis. Simoneuko. Izv AN Turk. SSR Sci. (12 -tclh., khim.) gool nauk no 5 128-129 (62.

METEORS-PHOTOGRAPHS

Orbits of bright moteors photographed at Dushanhe and Odussa P B.Babadzhanov E N Kiamer Astron zhur 43 no 6 1306-1312 N-D 166

METHACRYLAMIDE

For mation of super molecular polymer attractures during polymer mation of some crystalline monomers. N. A. Plate and others Vysokom soed 8 no 10 1727-1732

Mechanism of photochemical grafting of methacrylamide to polyn ers containing arelate group S.K. Kudina Vysokom soed 8 no 104628-1831 O 66

Study of methacrylamide grafting to triacetate cellulose films under the offect of ultraviolet brindistion S.K. Kudina Vysokom soed 8 no 10:023-1827 O '88

METHACRYLIC ACID

Carbodiain polymers and copolymers. Part 42: Graft copolymers of acrylonitrile and methaciylate polyester of W-hydroxyenauthic acid G S, Kotesnitov, G T Guigemdze Vysokom socd. i no Il 1709-1713 N 162

Effect of glass fiber on the mechanical properties of polystyrene and polymethyl methicitylate in vitrous state V P Solomko, L S Senko Khim proin Uki. no 6 17-20 N-D 166.

Study of polyvinyl election - polymether tylic acid associate G. I Distler and others. Vysokom seed 8 no 10: ate G, I Distica

Synthesis and polymer ization or allyl and methacrylic esters of alkylphosphinic acids | L. P. Roskina, L. N. Turovskaia, A. A. Berlin | Plast massy no 12-7-10 '56

METHACRYLIC ACID-ELECTRIC PROPERTIES

Conductance and viscosity of mixtures of equee a solutions of polymethacrylle acid and polyvinyl elechol. I. S. Okhrimenko and others. Vysolom seed. 8 no.10: 1707-1711 O '66

Calculation of the methane losses of coal core and drilling med in the hole when redrilling conl geams I.V. Bukin, L.V. Ghipp Izv vys ucheb. zav "geol i razv 6 no. 6 85-92 Je '63

Mechanism of reactions involved in the thermal decomposition of methane under homogeneous conditions. I.G. Petrenko, Trudy IGI 18:21-28 162

Obtaining pure methane from latural gas. Al. M. Kullev and others. Azerb neft, khoz 12 no. 7 H-13 J1 453

METHANE-SPECTRA

Using infrared spectroscopy for determining methylene chicalde coment in the mixture of chloroform and carbon tetrachloride N A Hozbenko, V. M Malyako Kalim pa om. (Wkt.) no 3:65-66 JI-S '62

Influence of the reactor walls on the oxidation of methanol. M.P. IEvmencko and others. Don AN URSR no. 11-1477-1479 '62,

METHIONINE

Effect of vitamin B₁₂ on the requirement of swine and laboratory animals in methionine. M. F. Tomme, E.G. Filipovich, Sel'khoz, biol. 1 no. 6:876-882 '86.

METHODOLOGY-CONGRESSES

Philosophers discuss methodology problems. I.A. Kozikov, Vest, Moyk, un. Ser, 3: Filos, 21 no. 3:87-DI My-Je *88.

METHYL GROUP

Methyl group transposition in heptamethyl benzolonium ion. V. A. Kopting and others. Dokt AN SSSR 171 no. 5:1109-1112 D 466.

METHYL ORANGE

Differential potentiometric titration of mixtures of strong oxidants with methyl orange solutions S.A.Gusinskaia. Zhur, anal khim. 21 no.12-1462-1468 '58.

METHYLENE BLUE

Diagnostic value of Black's reaction in malignant tumors S. A. Gulieve, M. D. Abdullaev Azerb med. zhun no 7; 28-32 J! 62

Methylene blue test for the determination of bilirubin in the urine. O, V. Pakusina. Azerb, med, zhur 40 no. 3;39-43 Mr 163.

METHYLTHYMOL BLUE

New photometric methods for the determination of niobium and tantalum in metals and alloys Report No 5 Study of niobium compley with methylthymol blue S.V. Elin-son, N.A Mirzonan Zhur anal khim 21 no 12 1436son, N.A 1442 | 66

METRIC SYSTEM

Introduction of the International System of Units in the USS.R. V.P Koro'kov Strolldor mash 8 no 8 33-33 Ag 63.

Characteristics of inner structure of mice-bearing pog-matites. I, V Davidenko Min syrte no 14 44-51 466

Guide cloments from mich-beating pegmatite veins IV. P. Smirnov. Razv i okh nedi 20 no 347-20 M

Mechanism of the formation of coagulation structures in aqueous dispensions of palygonskite and hydromica under the effect of ultrasound. N. N. Kruglitskir and others, Izv AN SSSR Neorg, mat. 2 no 12 2213-2220 D 166

The S-1 mica separating equipment MG Kuzakov, VV Pankratov Gor zhur no 12,64 D '66

MICA-MOLDING

Die for gap-free molding of condenser mica. A. P. Komial ov. Kuz. -shtam, protzy. 8 no. 12-45 D 456.

MICE AS CARRIERS OF DISEASE

Case of detection of Pasteurella tularensis in mumified cadavers of house mice imported with grain T. K. Klimova Trudy Gos nauch -issi motivochum inst 16-229-231 '59

MICHURIN, IVAN VLADIMIROVICII, 1855-1935

Dubinin, N.P. [Theoretical bases and methods of I.V. Michurin's work] Teoreticheskie osnovy i metody tabot I.V. Michurina. Moskva, Prosveshchenie, 1966.

MICROBIOLOGICAL RESEARCH

(see also subdivision under Canada, Poland, Soviet Fru East)

Determining blomess of microbial cells (up to 10⁻¹³ g)
by interference microscopy T N. Evreinova

Mikrobiologiia 35 no 5:925 S-O '66

Effect of multiple vaccinations against brucellosis under experimental conditions on the nature of response renc-tion of the cody. M. F. Shmuter and others Zhut mike oblot, epid i immun 33 no 6:82-86 fc '52 Some patterns of the adsorption of micro-organisms on ion-exchange resins D. G. Zvingintsev. Mikrobiologita no. 2:339-343 Mn-Ap '62

MICROBIOLOGICAL SOCIETIES

Scientific conference of the Moscow Brench of All-Union Microbiological Society Mikrobiologia 35 no 5.923-925 5-0 66

MICROBIOLOGY

(see also subdivision under Black Sea)

Biological exidation in microbiology, V.N. Shanoshnikov, 12v. AN SSSR Ser. biol. no. 3:348-365 My-Je 163.

MICHOBIOLOGY-BIBLIOGRAPHY see Bibliography-Microbiology

MICROBIOLOGY-CONGRESSES

9th international congress of microbiologists, E.N. Mishustin, S.1, Lycheva, Vest. AN SSSR 38 no. 12: 18-53 D '66.

Symposium on inferobial physiology and continuous culti-vation N.D. lerusalimekti. V.K. Eroshin Mikrobio-logiis 35 no 5:920-922 S-O ¹66

Work of the Thrid Hungatian Microbiological Congress. A. A. Imshenetskili, G. K. Skrisbin, L. V. Kolakutskil. Mikrobiologiis 31 no. 2:377-378 Mr-Ap ¹62.

MICROBIOLOGY-CULTURES AND CULTURE MEDIA

Comparative study of the biological characteristics of some radioresistent variants of micro-organisms, K. P. Kashkin. Vop. radiobiol. 4:313-321 | 61.

Difect of prolonged storage of culture media on tissue cultivation K I Kokovikhina. E N. Levchenko, T. A. Dubova Trudy Mosk nauch -issl inst virus prep no 3,264-269 '65

Effect of thicks on free amino sold accumulation in cultures of micro-organisms. C. L. Ruban, L. B. Lobyreva. Mikrobiologiia 35 no.5:784-786 S-O '66.

Quantitative determination of tryptophan by diffusion method with help of Indicator cultures of Escherichia coli and Bacillus subtilis. I. V. Konova, N. M. Verbina. Mikrobiologiia 35 no 5:006-011 S-O 166.

MICROBIOLOGY-TECHNIQUE

Automatic calculation of micro-organisms differing in their luminescence color. D. P. Babadzhanian, V. M. Borodina, L.B. Kaminir. Prikl. biokhim. i mikrobioi. 2 no. 6 703-706 N-D 466.

Evaluation of the effectiveness of the floatstion method of gastric and broachtal tavage in the diagnosis of pulmonary tuber culosis. R. A. Safer ov. A. M. Agadzhanove. Azerb. med.zhur 40 no.0,44-47 S 63

MICROCHEMISTRY

Oxidation of aminonitrogen in microelement analysis of organic compounds containing mirogen F. I. Margo 15 M.N. Dobrom voov. Vest Mosk, un Sei. 2: Khim. Jr. no. 5-79-82, S-O. 162

MICROCLIMATOLOGY

Kollaseva, V A , T E.Pashchenko, and O.D Rozhan-skala [Microclimate of plant-growing installatio-5 with film covers] Mikroklimat kul'twarstoonykh socrezhemi s plenochnymi pokrytilami Leningrad, Gidre-meteor izd-vo, 1966 118 p. (DNAL)

MICROCLINE

Synthesia of fluor ophlogopite from a mixture Load on microrline A. A. Bobrissergeev. Bost krist 1/3-3. 106 '65

MICROCOCCUS

Ovidation of Succinate in the shuctural elements of Micrococcus lyao leikticus in relation to deoxyr ibo 1227 -M. A Lukolanova, t' s acid and magnisium ions Gel'man, A. I. Oparia Biokhimia 2 nu 2-3 4 30 Mr-Ap '63

MICROCOCCUS-CULTURES AND CULTURE MEDIA

Effect of raw material quality on L-lysine binsynthests by M. glutamicus homoserine sitain 95 S. I. Alikhaalaa and others. Pukh biokhim i mikrobiol 2 no 6 655 660 N-D 166.

Put iffication of enzyme complex of NAD H₂ and malic = 2 dehydrogeneses it om Microcoreus lysolateticus nerrbranes | I G Zhukova and others | Biokhimila 31 rof 1200-1215 N-D '06

MICRO-ORGANISMS, CELLULOSE DECOMPOSING

Activity of cellulose decomposing micro-organisms in semidesert stony soils of the Armenian 5 S. K. T. 4 Khachiklan. Izv. AN SSR, Ser blot no 3,113-453 My-Je 163.

MICRO-ORGANISMS, EFFECT OF DRUGS ON

Changes in the resistivity of the microflora causing autoinfection in radiation sickness to antiblotics. 1 D Moter, Vop. 1 adiablel, 1, 108-312 461

MICRO-ORGANISMS, NITROGEN-FIXING

Ability of nodular bacter is to assimilate hard-to-dissolutation phosphates. V. P. Zaremba, P. G. Tomasher skaia, S 850 '66. S. M. Malinskaia, Sel'khoz, biol, 1 no. 6 842-

Cultivation of nodule-forming bacteria by submerged method V.D Verenko, Mikrobiol shur, 28 no se 55-59 166.

Effect of inhibitors on electron transfer chain in purpur bacter in as related to molecular nitrogen (tvation I D Ivanov, N S, Demina Mikrobiologita 35 no 5 780-783 S-O '66

Oligonitrophilic bacteria and their mirogen-fixing ability. N. M. Maitseva. Mikrobiol, thur 28 no. 6:83-87 '65

MICROPALEONTOLOGY, STRATIGRAPHIC see subdivision under Serakhs (Turkmenistan)

MICROSCOPY-TECHNIQUE

Use of a collutoid film instead of a cover glass. F.N. Simonovich. Med.paraz.i paraz.bol. 32 no.2:225-227 Mr-Ap '63

MICROSCOPY, MEDICAL

Clinomorphological examination in intraepithelial cancer of cervix uteri "aimed" biopsy and surface stereomicroscopy of the removed tissue cone A B. Derazhne, Vop. onk 8 no 3:88-96 163

Zakhvaikina, I.A. [What can be expected from the micro-scopic study of tumors] Chto daet mikroskopicheskoe izuchente opukkolei. Aima-Ata, "Kazakhsian," 1986. 27 p. (DNLM)

MICROWAVE MEASUREMEN'IS

Friequency conversion during measurement of group de-lay time using the x-point method V V Moleknyi Izv vya ucheb zav ; radiotekh 9 no 6/791 N-1) '66

MICROWAVE TUBES

Contribution to the theory of cylindrical microwave tubes. I.A. Deringin, V.N Kurashov. Radioteka, i elektron il no. 12 2153-2159 D '66.

MICROWAVES

Absorption of power by a magnetized ferrite spheroid in a rectangular wave guide. A V kishakovskii, V S Vuntesmeni, Izv vys ucheb, zav, radiotišh 9 no, 5665-667 S-O '66

Analysis of the propagation of beam guide waves in a nonuniform medium R.F Matveev Radiotekn t elektron 11 no. 11 1960-1966 N 186.

Antenna with limited excitation zone, O, N Tereshin, A, E Gurov, I I Antipenkov, Radiotekh i elektron li no, 11·1944-1952 N '66.

Avalanche transit diode, a new semiconductor micro-wave device V. M. Valld-Perlov, A. V. Krasilov. A. S. Tager. Radiotekh i elektron. Il no ll-2008-2023 N. 166.

MICROWAVES (Continued)

- Bystifiskii, N.P. [Magnetron amplifiers (amplitions)]
 Mingnetionnye usiliteli (amplitiony). Moskva, Sov.
 radio, 1966, 75 p. (Elementy radioelektronnoi apparatury, no.4)
- Calculation and measurement of wave impedance and accuping impedance of wave fundes with periodic structures. If M Chirkin, V E I famor 127 yysucheb 227 radiotekh 9 no 5 687-671 5-O 66
- Calculation of current density in the representation of cathode lenses IU V Kulikov. Radiutckh i elektron Il no 12 2195~2199 D '66
- Calculation of interaction coefficients and electron condiscrivity for cavities with two interaction gaps. IU A. Kataman, S. M. Movnin. Radiotckh, i elektron. II no 12 2252-2251 D 166
- Calculation of the Q-factor of a helical delay line with return line cut along the axis IU.S. Beloverov. Radio-telh relektion. Il no. 12 2251-2252 D '66
- Calculation of the reduction factor of the space charge field of clection beams moving in periodic electrosta-tic fields, O.F. Meshkov. Radiotckh i elektron. Il no.12 2170-2185. D. 166,
- Contribution to the theory of Billiouin electron streams, V II Danilov Radiotekh i elektron, Il no II 1994-2007 N '56
- 2007 N '56 Contribution to the theory of the excitation of a gyrotropic plasma wave guide of a coazial line V A Buts, S S KalmyPova, V I Kuilko Radiotekh i elektron Il no Il 2069-2072 N '66
- Cooled 3 cm. band circulator B.B. Krynetskii, G.P. Kuz'man, A.V Shirokov Radiotekh i elektron, 11 no. 12 3248 D '66
- Distribution of electrostatic potentials in a round quadrupole halis. A S Bondares, A I Tolpuko Izv vis ucheb zav, radiotekh 8 no 5 683-605 S-O 466
- Usiribution of energy flow created by a system of random monochromatic sources E V Chaevskit Radiotekh i clektron. Il no Il 1927-1932 N '66, Electrical parameters of a wave guide slot bridge, I. G. Dorfman, V V I flatov Radiotekh i clektron Il no Il 1933-1943 N '66
- Electromagnetic e-cition of a finite metal cone D. M. Saronov, I G IArushkin Radiotekh, i elektron. II no li 1974-1986 N '88 Evaluation of the directivity factor of radiators in presence of phase and amplitude distortions V V Mckalov. Radiotekh i elektron 11 no 11:2066-2068
- Feature of using periodic structures in the capacity of millimeter-band transmission lines L I Kats, E L Katkov Radiotekh I elektron II no II 2074-2077 N '66.
- Features of multichannel communication in the optical band with frequency division of channels, f. A. Denigiu-gin, V. N. kun ashov Radiotekh, i elektron il no. 12 2147-2152 D '66
- l erromagnetic magnetostatic microwave amplifier. A P Safant'evskii, S V. Rykov, V V Maslemikova Radiotekh. I elektron 11 no. 11 2077-2079 N '66.
- requency conversion in no. ii 2077-2079 N '06. Frequency conversion using double modulation of light, V A Dianova, E R Mustell, A P Hishuk Radioteki i elektron. Il no. lli2002-2085 N '068 Enput impedance of a quantum amplifier cavity, V, F. Kushnir, K N Shchelkunov Tvv, vys, acheb zav., radiotekh 9 no 5 678-690 S-O '068
- Mirror beamguides, V.F. Vziatyshev, Radiotekh. i elektron. Il no 12 2242-2244 D '66.
- Nature of the poise of some photoelectron multipliers with a louver dynode system, V. P. Shtompel' and others, Radiotekh, i elektron 11 no, 12, 2191-2195
- New method for measuring the width of ferromagnetic resonance line in feirites E. L. Kulikov, V. K. Il'in lzv vys. ucheb. 7av., radiotekh 9 no. 5,610-615 S-O 166
- Nonlinear transformation of video signals in a controlled transmission line with ferrite. Liv vys ucheb. zav., radiotekh 9 no 5-673-675 S-O '66,
- Optical rectifiers based on Faraday effect. A. L. Mikae-lian and others Radiotekh, i elektron. 11 no. 12:2240-2241 D 166.
- Optimal reception of narrow-band optical signals. S.A. Ginzburg. Radiotekh, i elektron. 11 no. 12:2235-2237 D '68.
- Parametric oscillator synchronization using the differ-ence frequency, K K Likharev Radiotekh, i elektron Il no 11:2086-2088 N '06
- Potential relief reflection in an electron mirror. O.M.
- Artamorov, S.A. Komolov, Radiotekh i elektron, il no 12;2186-2190 D 166
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- Simplified calculation of stepped transitions and direc-tional couplers with random number of elements, L G. Kirillov. Radiotekh, i elektron. li no. 12:2249-2250 D '66
- Statistical analysis of nonequidistant antenna arrays, L.G. Sodin Radiotekh, i elektron, 11 no. 11:1953-1959 L.G. Sodin N 466
- Two-level solid-state quentum oscillator and 8 mm. band amplifier with increased recurrent inversion frequency. IA. I. Shamfarov Radiotekh, i elektron. Il no. 11.28 (4-2052 N '66.

- Use of induced cyclotron radiation of electrons in the generation and amplification of high-paved electromagnetic oscillations, I L.Antakov and others Radiotekh i elektron 11 no 12 2254-2257 D '66
- election. If no 12 2234-2237 D '66

 Use of the structure of nonuniformly videned line of electronic paramagnetic resonance for increasing the active time duration of two-level solid-stage paramagnetic amplifiers. In L. Shamfriov. Radiotekh relection. If no 11 2053-2056 N '66

 Valushtein, L.A. [Open resonators and open waveguides]

 Okrytye rezonatory i othrytye volnovody. Moskva, Sov.radio, 1906. 474 p.

MICROWAVES-SCATTERING

Backscattering of continuous radio waves by agitated sea surface at small glancing angles A I kolmytov and others Euv vys ucheb zav , radiofiz 9 no 6 1095 -1099 *66

MIDDLE AGES see subdivision under Great Britain

MIDDLE AGES-HISTORIOGRAPHY

- Bourgeois historiography of the social structure of medieval society M. A. Bug. Vop. ist. 41 no 12 82-99 D 166.
- Historiographical elements in the lecture course on the Middle Ages offered in the faculties of history of peda-gogical institutes, based on the example of the Kaments-Podol'skiy Pedagogical Institute P F Laptin Sied veks no 29315-321 '66.

MIEZELAITIS, EDUARDS, 1919-

Lankulis, Jonas. (The man of E. Micrelalitis. Translated from the Liftmanian) Chelovek E. Mezhelalitisa. Moskva, Khudozh. lit-ra, 1965. 97 p. (Massovaia istoriko-literaturnata biblioteka) (MH)

MIKHNOVSKU, VLADIMIR KONSTANTINOVICH, 1896-

Vladimir Konstantinovich Mikhnovskii, Agrokhimila no. 12-138-139 D '66.

MILISTEPPE see Kura Lawland

MILITARISM see subdivision under Germany, Germany, West

MILITARY ART AND SCIENCE

- The role of man and equipment in modern war. A.i. ko. Komm. Vooruzh. Sil 3 no. 10.28-31 My 163,
- Theoretical and methodological basis of Soviet military science D, Kazakov, Kolom, Voctuzh Sil 3 no 10 7-15 My 163.

MILITARY ART AND SCIENCE-DICTIONARIES

- Kutsenko, V. L., comp. [Hungarian-Russian military dictionary, Approximately 25,000 terms] Vengerskornuskti voennyl slovar', Okolo 25 000 terminov Moskva, Voenizdat, 1966, 416 p.
- Nikol'skii, L.B., ed. [Korean-Russiau military dictionary. Approximately 20, 000 terms] Korelsko-tusskii voennyi slovar'. Okole 20 000 terminov. Moskva, Voenizdat, 1966. 201 p.

MILITARY BASES

Foreign military bases in Asia, Africa, and Latin America IU. IUdin, Mezhdanar zhizni it no 1,147-150 167.

MILITARY EDUCATION

- The provincial committee and the school A.Gulidov Kryl rod 17 no 9:8-9 S '55
- Raised military qualifications of political workers during the last war. S.Zakhorov. Voen -jet zhu. 8 no 12; 3-10 D '66
- Sidel'nikov, I. I. [To the soldier about the new five-year plan] Voinu o novel platiletke. Moskva, Voenizdat, 1966. 109 p.
- A worthy welcome to the 50th anniversary of the October Revolution Kryl rod 17 no 9:1 S $^{1}66$

MILITARY INTELLIGENCE see subdivision under

MILITARY MUSEUMS see subdivision under Leningrad

Effect of feed proteins on the milk yields of goats. O. N. Solomonova. Trudy Inst gen. no 26:148-151 **162.

MILK-COMPOSITION

Vitamin content of the milk of cows fed rations contain-ing urea, L.A.Kruglova, Khim.v sell khoz. 4 no. 12:49-5t D '66.

MILK-PASTE URIZATION

Pasteurization of milk by ultraviolet rays, V.P.Koria-zhnov, V.A.Bairak, V.M.Belonosov, Veterinarija 43 no. 1.91-93 Ja '67.

MILK-STERILIZATION

Sterilization of milk in the focuses of foot-and-mouth disease using dry steam, A.A. Pollakov and others. Veterinarlia 43 no 1.89-91 Ja 167.

MILK HYGIENE

(see also subdivision under Lithuania)

- Arkhangel'skii, I. I., and V. M. Kautashova. [Hygiene of milk and control of its sanilary quality] Giglena moloka i kontrol' ego sanilarnogo kachestva. Moskva, Kotos, 1966 246 p.
- New preparation for almultaneous washing and disinfection of milking machines and fully containers. A.G. IUsifov. Veterinarita 43 no 11:65-87 N '66.

MILK VETCH

Istrozid, a new isoflar one glycoside from Astragalus austriacus. L I Dernugina, Ishim, prirod. ocd. no. 5:315-319 166.

MILKING-HYGIENIC ASPECTS

Sanitary treatment of the cowudder before milking. V.D. Liblochkin, Veterinarila 13 no. 11 63-85 N 166,

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MILKING MACHINES—CLEANING

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MILKING PARLORS

(see also subdivision under Drobyshevo, Omsk Province)

Diements of the graphic analysis calculations of milking parlors. P.K. Zhevlakov. Zap. LSKHI 96:299-301

MILKWEED

New flavone glycoside from Antitovicum functrae, L. M. Utkin, A P Screbitakova, Khim, prirod, soed no. 5: 319-321 166.

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- Basic drawings showing the grouping of great capacity movable crushing and sorting installations manufactured in foreign countries. B. V. Klushentsev, A. A. Dudko, Strol. 1 doi: mash, 8 no 6:24-30 Jc 163.
- Stresses in a quartz-coment pulpstone. P. P. Debrovol's skii. Taudy VNIIB no. 51;202-203 '65.
- Unit for wet finish grinding of binding agents I M. Gomozov, M. V. Radtukov, W. N. Mamonov Stroi i doc. mash 8 no.6 25-26 Ag ¹⁶³

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- Hydraulic fracturing and detaching of the face area is an inc. 3. Sector in a site tectoring of the face area in the efficient method of fighting outburets of coal and gas I.V. Bebroy, V. A. Shatilov. Bezop, truda v prom 7 no. 5-17-20 My 163.

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Partial volume of water in albite mr II = I A Controller G P Orlova = I/A AN SSSR Serept of = 31 no 12 II = 6 D '66

D '66
Possible value limits of plf of a medium during of p
formation in hydrothermal conditions. B 4. On eph
nenko, 10 V Alokhin Gool rad mentoro h
1-41-11 N-D '66.

MINERALOGY

(see also subdivision under Azerb djan, Carpatidan

(See also Succession under Agent (Jun, Carpathi a Mountains, Kazakhstan, Uzbetkirtan) Osetrov, O.A. [Genesis of minerals; textbook for a course in "Mineralogy and geochemistry"] (Granz); mineralov, uchebnoc posobie po kursu "Mineralo II; i geokhimita." Moskva, Univ.druzbby narodos, 1001, 121 p.

[MICROFILM]

Paniukov, P. N. [Fundamentals of physical miner degrand petrography] Osnovy fizicheskof mineralo, if a petrografit. Moskya, Mosk, instructional fix gornol chektromekhaniki.

Pt.1. [Fundamentals of physical mineralogy]
Osnovy fizicheskof mineralogti. 1966, 44 p.

MINERALOGY—CONGRESSES

International Conference on section preparation. A Di-Genkin, Geol, and, mestor ozh. 8 no 6:118-11 : 71 Di-106.

Second conference on the geology of dlamond degrees. I S. Rozhkov, B. I. Prokopelnik, Geol. 110, nic 1845. 8 no. 5.115-118 N-D 106.

MINERALOGY -STUDY AND TEACHING SECTION AND AND TEACHING under Germany, East

MINERALOGY, DETERMINATIVE (see also subdivision under Altat Mountain), 5 orto, region, Kazakhatan)

Chemical composition and the characteristics of the variables of the cubic minerals of the order of a trivial type (betafile, bloomat and te-primary letter) mendeley evite-ciloworthic). R. A. Mak necklaka, V. V. Frank-Kamenetokli, K. A. Goalbesoya no 0:32-51 16J.

Diagnostics of mineral groups of scheelite, welfer to and wolframite G.V. Aleksaudrov, Min avi's r

and wontamine (1.3) are assumed on intensity (1.4) as 55-105 feet of the composition of namples on intensity (1.4) as of molybdenum, tangeten, and tin in spectral determined not rocks and namerals. G.L. is made. Thus, and khim. 21 no. 11.1307-1310 tgb.

Quantitative methods of studying properties of one minerals and their use, I.A. Pudovkina, I.A. Historia, E.K. Aksenova. Min systems 12:5-52 465.

Repid method of determining alobium in racks and release als by means of paper partition chromatoga plan. V I Bogdanova, L.S. Shullk. Zhan, and khim. H rachd 1201-1204 166

Spectrographic determination of germanium in order, minerals, and enal ash. O. P. Turudhu, M. I. Zarida, 1981, Mar. Khim, zhur. 32 no. 12:1441-1444 (46)

Using nuclear quadrupole renomines for studying interests I N. Pen'kov. I. A. Sofin - Izv AN SSSR, Sez geol - 41 no 1241-52 D '66

MINERALS

(see also subdivision under Atlantic Ocean; Azzlietta Bug Valley; Polesye; Ukraine)

Characteristics of the manifestation of native clearers in nature. F. A. Latnikov. Izv AN Kazakh. S.R. Ser geol nauk no. 6:100-103 83.

geon nauk no ortoo and the Linkhovich, V.V. [Efficient methodology for extra 11 a of accessory minerals form grantfolds] Ratelon n'azi i metodika izvicchenila aktsossornykh mineralov iz grantfoldov. Moskva, Nedra, 1966, 45 p.

Study of Moh's handness scale by method of interchardness M. M. Krushchov Lev AN SSSR, Ser gool M no 12:74-82 D 466

MINERALS-ANALYSIS see Mineralogy, Determinative

MINERALS-MAGNETIC PROPERTIES

Effect of reagonts on magnetic properties of some 10 % als. L. A. Grekulova. Min.sly1 to no.1344-11 to6.

MINERALS-TESTING

Studying physical properties of rocks under high pressures and at high temperatures M.P. Volarovich Tax is last fiz Zem no. 37-5-15 166

MINERALS IN PLANTS

Determining trace dement content of soils and plants using amalgam polarography with accumulation I V Markova, S I Siniakova Agrokhimita no 12 118-123 D '66

Effect of gibber ellin on mineral metabolism in plants, A S Morozov Trudy Un, druzh nar 11 Selikhoz nauki no, 1 215-217 166.

Effect of method of placement of super phosphate on up-take of P32 by plants G. B Babatan Soob Lab agre-khim AN Arm SSR no 1 24-31 '61

Sintushin, I A. Ozolina, Trudy Un druzh nar H. Sell-khoz nauki no 1186-214 466

MINERALS IN SOILS see subdivision under Zhitomir Province

MINERALS IN THE BODY

Content of calcium and inorganic phosphorus in the blood serum of some breeds of heifers. A. M. Encline, Sch'khoz. biol. 1 no. 6:900-903 '66. Effect of insulin on penetration of some cations and anions through the wall of cattle runch S.Z. fizhyts'byi, I.V. Andrusyshyn Dop AN URSR no 11:158-1460 '66

MINERS-DISEASES AND HYGIENE

Ways of improving sanitary and hygienic working conditions during jet piercing. V. A. Mikhailov, A. I. Loboda, Gor zhur. no 11 72-75 N '66

MINES, ANCIENT see subdivision under Tuya A.S.S.R.

MINES AND MINERAL RESOURCES

(see also subdivision under Komi-Permyak National

Concerning the calculation of a low-voltage cable network for mines with consideration of starting conditions, V.P. Murav'ev. Prom. energ 16 no.1.47-51 Ja 161,

State and prospects for extension of law material supply for coment industry of U.S.S.R. IU.V. Scmentovskii and others. Sov.geol. 9 no 12 3-10 D 166

Ultrasonic welding of microcli cuit components with indirect pulsation heating. IU. L. Kiasulin, A. P. Kozhevnikov, V. I. Kuz'min, Avtom. svai. 19 no. 12; 60-61 N [i.o.D] [00].

MINIATIDE PAINTING

An unknown miniature with the images of "virtues" made in the early Middle Ages B IA Ramm Sied vika no 20 221-227 166,

MINING ENGINEERING

Mining Enginesizing
(see also subdivision under Achisay region,
Kazakhstan; Kursk Magnetic Anomaly; Mirgalimsay
region, Kazakhstan; Ural Mountains)
Agoshkey, M.I., and G.M.Malakhov. [Underground
mining of ore deposits] Podzemnala razrabotka rudnykh
mesterozlidenii. Moskva, Nedra, 1966. 662 p.

Fifticient flow sheets for waste stacking and parameters of mining systems during the operation of hauling and stacking machine complex M.G. Novozhilov and others, 1zv. vys. ucheb zav ;gor zbur 6 no 5 20-36 '63,

investigating the manifestation of bearing pressure in a massif above which mining operations are being conducted. G. I. Val'shtein Izv. vys. ucheb zav .gor. zhur. 6 no. 5:16-54 '63

Parameters of boring and blasting operations during, laise driving through deep boreholes. I.E. Erofeev and others. Gor zhur. no 11 41-47 N *66

Hapid mining by boring and blasting method. IU.K. Epifontsev, N.I. Golovko, V L. Oreshkin, Shakht, stroi, 10 no.11:1-6 N | 66,

What to do with rock? R. Gulinev. O Posevkin. Sov. 9hokht 12 no.4:11-12 Ap 163.

MINING ENGINEERING-ABSTRACTS

[Mining] Ref. zhur.; Gor. delo no. 1 Ja '67.

MINING ENGINEERING—COSTS (see also subdivision under Zyryanovsk region, Kazakhstan)

Economic efficiency of services for machinery repair, A.G.Shpital'nikov Gor zhur, no.11:17-20 N '86.

Improving the methods of planning and calculating costs in ore mining. A. V. Baronenkov, N. P. Krestnikova. Gor. zhur no. ll·12-17 N '66.

MINING ENGINEERING-MODELS

Study of stress distribution in pillars of equal strength during chamber undercutting of blocks M.V.Guminskii. Izv.vys.ucheb zav ;gor.zhur 6 no 5; 8-15 '63.

MINING GEOLOGY

Certain peculiarities of prospecting during the mining of thin ore bodies through small-diameter inclined borcholes. A.A. Bogdasarov. Goi. zhur. no. 11 10-12 N 166

Concerning anomalies in rock displacement processes determined by the effects of geological factors. I. A. Turchaninov. Izv. vys. ucheb. zav (gor. zhur. 6 Turchaninov, Iz

History and course of development of mathematical crystallography I. I. Shafranovskii Zap LCH 50 no 2:7-

MINING GEOLOGY-TABLES, CALCULATIONS, ETC.

Optimization of selecting information contained in the indication of several methods 1 G Klushin, R P Soloveichik Zap LGI 50 no 2 pts-52 'Gb

MINING INDUSTRY

Methods of accounting for natural conditions in the mining industry F Poginskii Find; I'ven fak Kir ges un. no 162-67 '64'

MINING MACHINERY

Further mechanization of industrial processes in open pit mines M Iliushin Bezop truda v prom 6 no 5 dl-32 My 162

Then we received a cutter -toader for our longwall N. Mamar Agitator no 16 17-20 Ag '62

MINING MACHINERY—DESIGN AND CONSTRUCTION

MINING MACHINERY—DESIGN AND CONSTRUCTION
Nauchno-issledovatel'skil Institut ekonomin's stroitel'stva
TSentral'nos normativno-issledovatel'skoe bluro
[Standard specifications and estimates for construction,
assembly, and repair operations. Under ground assembly of mining equipment.) Tipoyee normy i rastsenkt
na stroitel'nye, montazhnye i remontno-stroitel'nye raboty. Montazh shakhtnogo obor udovantia v podremnykh
neloutistich Moskay Stroiterit 1966 7 12. uslovitakh. Moskva, Stroitzdat, 1966. 71 p

MINING MACHINERY-MAINTENANCE AND REPAIR

Economic efficiency of services for machinery repair. A G. Shpitalinikov Gor zhun no li 17-20 N '66

MINNOWS see subdivision under Baikal Lake region, Bol'shaya Reclika River (Buryat A.S.S.R.); Irkutsk Reservoir

MINORSKU, VLADIMIR FEDOROVICH, 1877-1986

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MINSK-CLOCKMAKING AND WATCHMAKING

Tempo, quality, and perfect organization of labor A V Minin Prom. Bel 9 no 12:3-4 D '50

MINSK-ELECTRONIC DATA PROCESSING-TRACTOR INDUSTRY

Using electronic computers in mechanizing design and technological calculations at the Marsk Tractor Plant IA A Timoshcako, A L. Lamarkin, Prom Bel. 9 no 12.16-17 D. 466

MINSK-MOTION-PICTURE PHOTOGRAPHY-STUDY AND TEACHING

A group of motion-picture operators. Sov. radio i tel. 8 no. 3:16 '59.

MINSK-PNEUMATIC-TUBE TRANSPORTATION

Doubled pneumatic tube transportation S. V Polick. Prom. Bel 8 no 12 20 D 166

MINSK—TELEVISION IN PROPAGANDA

"Those who go in advance." M. Dosin. Sov. radio i (cl. 8 no. 3,2-3 159.

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Priceless herlinge, A.Eventov, Sov. profacinzy 22 no 23:26-27 D 160

MINT (PLANT)

ways for decreasing the loss of essential oil in harvest-ing and processing the "Pritukskate-6" mint r.s. Tanasienko, N. N. Kastmovskata Rastics 2 no 1-524-527 '56

The Icon of the Tikhvin Virgin Mary and its connection with "The Story of the Miracles of the Icon of the Tikhvin Virgin Mary" I. A Ivanov Trudy ODRI. 22 419-168 '66

MIRGALIMSAY REGION (KAZAKIISTAN)---MINING ENGINEERING

Selection of loading equipment in the mining of the Mirgalimsay deposit with chamber distribution along the strike. O. A. Balkonurov, D. M. Kazybekov Izv, vys ucheb. zav., gor., zhur. 6 no. 5-22-28 '63

MIRGOROD DISTRICT-GRAIN-MILLING

Economic reform obliges P. IAklmenko. Muk, -elev prom 32 no 11:30 N '66

MIRNYY STATION, ANTARCTICA-RADIO WAVES

Passage of 500-1600 ke radio waves at Mirnyy in 1964. L.P. Kuperov. Inform. blul. Sov antark eksp. no 59: 55-59 166

MIRNYY STATION, ANTARCTICA-SNOW

Changes in the relief of the snow surface at Milinyy from 1956 to 1954 O.N Vinogradov, Inform, biol Sov, antark cksp no 59,15-19 168

MIRNYY STATION, ANTARCTICA—SPORADIC E (IONOSPHERE)

Sporadic ionization in the E region according to date of observations at Mirnyy for 1962 I. M. Zhorovskata Inform, biul. Sov. antark. eksp. no 59,60-64 166.

MISCONDUCT IN OFFICE

Determination of the misconduct in office which results in a heary loss to governmental agencies. V. S. Bohachov, O. IA. Smetiov, Pravoznavstvo no 181-89 65.

Experiences in inflicting penalties in party organizations, Part, rhight no 1 52 Ja '67

I egal characteristics of misconduct in otrice according to recently concreted examinal laws. S.I. Tythenko Pravoznavstvo no 178-81 165

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MISHOVDAG OIL FIELD-PETROLEUM GEOLOGY

Oll yield of the first harizon of a producing formation in the Kynrovdag and Mishovdag oll fleids 7, 2, Krintsman and others. Azerb, neft khor 12 no. 3/3-6

MISSISSIPPI RIVER-SHORE PROTECTION

Using clastic contect multi-cases for above reintorcoment on the Mississippi River in the United States V S. Pereshval'skii, M F. Skladnev, B G. Shiepa Girir att of 33 no 8 50-52 Ag '63

MITES see subdivision under Armenia, Moldavia

MITES AS CARRIERS OF DISEASE see subdivision under Porech'ye Rybnoye region (Yaroslavi Province)

Testing hexachloran smole against mites causing scalidiscase in sheep, G.I Getta Shor nauch rub SubNVI no. II 199-202 162,

MITOCHONDRIA

Effect of gramfeldin S on oxidative phosphorylation and respiration in 1st fiver mitochondria, R.A.Zvingii-skaia, A V Kotelinivova, Biokhimita 27 no. 5:849-852 5-0 '62,

Piffect of radioprotective preparations on reach attor of liver and brain mitochondrio in rabbits N I Bichekina, P. P. Romantsev Radiobiologila 6 no 6:880-882 '68

Effect of salin and same obysine on oxidizing phosphorylation of milochondria of tumorous and normal cells I. N. Romanova, Z. V. Kuz mina. Vop med. khim no. 6:586-591 N.D. '66

Piffect of seed namifation on cytoplasm mobility, exidative phosphorylation and adenosing triphosphatase activity of mitochondria in cells of corn radicles. M.G. Tairbekov, E.N.Kazantsev, S.V.Tageeva Radiobiologija 6 no 5 $731\text{--}733^{-1}66$

Mechanism of effect of some higher fatty acids on activity of mitochondrial monoaminocidase F. A. Rapava, L. B. Klinshtorin, V. Z. Gerkin. Biokhimita 31 no 6; 1216-1224 N-D '68

Mitochondrial peroxidase and its possible role in exidative processes. T. M. Frances, M. A. Davydova, B. A. Rubin Biochimia, 31 no 6,1167-1173, N-D 166

Os divide phosphorylation in liver mitochondria of friedbited rate and following "aging" of microsticatures 1. N Smirnova, F. F. Romantsev. Radiobiologia 6 no 5 618-681 266.

Participation of the cytochrome system in scrotonin oxidation in cardine mitochondria in rabbits. A. M. Zubovskoja Vop med. khim. 12 no. 6:642-544 N-D '66.

Second symposium on biochemistry of mitochondria in Moscow, 1 I Severina Usp sovr bud 62 no. 3 456-162 N-D 166.

Semiquinoid froe radicals in respiration and phosphoryla-tion processes in mitochondrio L. M. Reikhman, L. A. Bliumenfel'd Bickhimita 31 no 6 1127-1134 N-D '86

MITRAL VALVE-DISEASE

Mitral recurrent stenosis - causes and results of surgi-cal treatment B A Korolev, V V Karov, N I Preobrazhenskaja Khirurgija i2 no 11 13-17 N 166.

MITRAL VALVE-SURGERY

Evaluation of the methods of digital and instrumental Evaluation of the methods of algebra and in Francish in the Comissus of charges after hemodynamic changes E. N. Meshalkin and others. Khin urgin 39 no 2:26-31 F '63.

Mit al comissurotomy in the ombosis of the left nurfcular appendage I N. Meshalkin and others. Khirurgita 39 no 2:64-69 F '63.

Mitral recurrent stonests - causes and results of surgical treatment. B A.Korolev, V.V Karov, N I Probrazionskata. Khirurgua 12 no 11:13-17 N '66

Open thous in mitral stenes is under conditions of artificial blood chiculation I Shimkovits and others. Khirungiin 39 no 2-21-26 F '63

MITSKEVICH, KONSTANTIN MIKHAILOVICH, 1882-

Muslynski, Mikbas'. [From preliminary scheme to its realization, history of the creation of the "New land" and "Simon, the musician"] Ad zadumy da zdzialsnenia; tvorchala historyia "Novai zlamii" i "Symonamuzyki," Minsk, Navuka i tekhutka, 1965. 141 p. facsim. (NN)

MIXING MACHINERY

Asphalt mit or with positive mixing V. T. Vikhallov. Strot i don mash 8 no 6 14-16 Je 167

MIZUNKA VALLEY-GEOMORPHOLOGY

Geomorphology of the Stucks and Mazumba Valleys within the outer antichnal con in the Carpathians M N Bohno nykov Dop NN URSR no 11 1192-1191 62

MNDOIANTS, ASHOT ASHOTOVICH, 1910-1966

Ashot Ashotovich Madorants. Arkhat, 565R no. 11:63

MODELS AND MODELMAKING

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Pyperience in modeling of circular bodies in om plaster V, P Diagunas | Uch zop Ped inst Gerts | 260 341-366 61

MODERNISM (LITERATURE)

Akademila nauk SSSR, Institut mutovoi literatury [Crit-keal realism of the 20th century and modernism | Kritt-cheskin realism XX veka i modernism | Moskva, Nauka,

MODOROV, MIKHAIL ALEKSANDROVICH, d. 1963

Milhail Aleksandrovich Modorov Poligr proize no 9 40 S 163

MODULATION (ELECTRONICS)

Internal modulation of an infrared laser E R Mustel', V N. Parygin, V.S. Solomatm Radiotekh relektron il no 12 22 15-22 17 D 166

New forms of two-cycle pulse-width modulation and prob-lems of its theory V.V. Malanov 124 vss uclub zav , radiotekh 9 no 6 703-713 N-D 166

MÖSSBAUER EFFECT

Eesti NSV Teadusic Akadeemia. [For mal meeting of the Academy of Sciences of the Estonian S.S.R. dedicated Academy of sciences of the Estonian 8.5.R. and the to the 26th anniversary of the Estonian 8.5.R. and 16, 1965. Tot zhestvennoe sobianic Akademii nauk Estoniako 188R. posviasichennoe 25-latifu Estoniskoi Sovatskoi Solsialisticheskoi Respubliki 16 liunia 1965 goda. Talling, Eesti Raamii, 1966. 84 p.

Effect of diffusion on Mossbauer spectrum of impurity complexes in crystals M.O.Kryvohlat, S P Reputsikyi Ukr (1/ zhu), il no il 1215-1221 N '66

Studying behavior of impurity atoms in diatomic Insb and GaSb crystal lattices G N Belozerskii and others Fiz twer telm 8 no 7 2112-2116 Jl 166

MOGADISHU REGION, SOMALIA—BOARDING SCHOOLS—DESIGN AND CONSTRUCTION Boarding achool for the Republic of Somania, IU. Farelishten, K. Kepterey. Shot i ai khit. Mosk. 12 no 6. 31-33 Ju 163

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OGILEV—TEXTILE FIBERS, SYNTHETIC— TECHNOLOGICAL INNOVATIONS

Research of plant unnovators, T. G. Sarvatory, Prom. Bel. 9 no 12 31 D '66

MOISEENKO, PETR ANDIMOVICH, 1852-1923

Moiscenko, P.A. [Reminiscences of an old revolutionary]
Vospominantia statogo revolutsionera, Moskva, Mysl', 1966, 275 n.

MOISTURE-MEASUREMENT

Nature of low-temperature water in chrysotile ashestos E.V.Rozhkova, G.A.Gorbatov, M.V.Soboleva Min syrle no.12 119-125 '66

Rapid electrochemical method for determining moleture in mineral fertilizers, S. I Krychmar, K. F. Afendik, Khim, prom [Ukr.] no. 3:67-68 JI-5 *02

Scientific and technical conference on moisture measurement E.S. Krichevskii Izm, tekh, no 6:60-61

Use of corona discharge counters in determining moisture of disperse materials by the a citod of reversed neutron scattering, M. P. Volarovich, N. I. Skvortsova, Koll zhui. 28 no 6:13-823 N-D '66.

MOISTURE IN BUILDING MATERIALS

Designs of flat roofs in German Democratic Republic, E. Krichevskaia, Zhil, stroi. no. 10.27-28 168.

Effects of moisture content on strength of concrete: various rates of loading, IU. M. Bazhenov Bet izhet -bet 12 no 12-19-20 D '66

MOISTURE IN TEXTILES

Thermal properties of moist fabrics. N. P. Zamotaev, Izv. vys. ucheb zav. ,tekh. tekst, prom. no. 5:27-30 '66.

Make more officient use of best-sugar molassus in the national economy. P. V. Rudnitskil. Spirt prom. 20 no. 5;18-22 | 162.

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Reuman's of spireceius krightensi, M. Payl in "foblavia A I Divid I/o Ad Mold's dr no 5 10c-107 463

MOLDAVIA--CAPITAL BIVESTMENTS

Economic officiency or expital intestments in the industry of the Moldovian S S R, report at the needing of the Secutific Council R D Ledotova. Shor manch inform Sauch sow po (if osn fond kap stoch i nov tekh Int SSR no 2 nt-b t '62

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Same includical characteristics on crucian carp in bodies of water of Moldivia M Postatova Biol ics and Mold no 166-71 166

MOLDAVIA---CESTODA

Costolog of fishes in hother or dater of Moldavian S.S.R. N.M. Psychologist. Part. Aby read. no. 1.26-36, 465.

MOLDAVIA—COLLLCTIVE FARMS—STATISTICS

Studying the intensification of agricultural production by the method of grouping. V. Staroverova. Vest. by the method of grouping stat. no 12 4-11 166

MOLDAVIA -- CONSTITUTION

Moldavian S.S.R. Constitution [Constitution (funda-mental law) of the Moldavian Soviet Socialist Republic With amendments and supplements adopted by the 1st-9th sessions of the Sixth Supreme Soviet of the Moldavian S.S.R.] Konstitutsia (osnovnot zakon) Moldavskoi Sovetskoi Sotsaliisticheskoi Respubliki S izme-nentiami i dopolneniiami, priniatymi na 1-9 sessiiakh Verkhovnogo Soveta Moldavskoi SSR shestogo sozyva Kishinev, Kartia Moldoveniaske, 1967 26 p

MOLDAVIA—CORN (MAIZE)—GENETIC RESEARCH

Variation of characters in the propent of the "Corn grass" type mutation of curn under the effect of various growing good may conditions. Vol. Lythor. Gen., sell 1 sem. buk., no 1982-187 %.

MOLDAVIA-CORN BREEDING

E perimental embi vology of coin. A, 1 Chebotar¹, Coin., Sel i sem 1 uk. no 1 169-181, ¹65

Germination of the police grain, formation of the pollen-tube, and the problem of double fertilization. A A Chibotar! Gen., -el i sem kuk. no 1140-168 to 5

Studying the degree of resistance of corn breeding material to disease and pest. L. P. Suplice. Gen , well that lake no. 1,243-250, 165.

Use of teosinte for stablishing, aluable self-pollimated lines. IU M Shumin. Gen., scl., sem kuk. no. 1, 230-242 465

MOLDAVIA-CRIME AND CRIMINALS

Emelin, N., comp. [The crime will not take place] Pre-stuplente ne sostoltsia. Kishinev, Kartia Moldoveniaske, 1966, 167 p. (MH-1.)

MOLDAVIA-DISTILLING INDUSTRIES

Organize a complete utilization of molasses in Moldavia, G. N. Singur Spirt, prom. 28 no 5:23-24 162,

MOLDAVIA-ECONOMIC POLICY

Makeenio, M.M. [Specialization of the Moldavian S.S.R. within the framework of the all-Union division of labor]
Specializatish Moldavskoi SSR v obshchesoluznom razdelenii truda. Kishinev, Kartia Moldoveniaske, 1966, 194 p, (CSt-H)

MOLDAVIA-FISHES-FOOD

Feeding habits of pike perch in Dubossary and some small reservoirs of Moldavia, V.I.Karlov, A.I. Naberezhnyt, O.I Vall²ovskaja Biol res vod, Mold no 4 00-99 166.

MOLDAVIA-GRAPES-STORAGE

Practice in keeping grapes in cold storage warehouses. N. Moiseeva, I. Bur ianova, T. Lianguzova Sov.torg 10 no.1:45-16 Ja '67.

MOLDAVIA-HYBRID CORN

Early silage corn hybrids for the southern Ukraine and Moldavia, V T. Suverov, N G Malova Gen., sel i sem. kuk no 1;262-272 165

get 1 Sein, kus no 1202-212 on Prospective Kishinev corn hybrids, A. E. Kovarskii and others. Gen, sel. i sem, kuk no 1 3-14 '65 Studying Kishinev high-protein corn hybrids and their parent forms N. A. Ogurtsova, Gen., sel 1 sem kuk, no.1:251-261 '65

Studying the character of the cytoplasmic male sterility of corn and its use in hybridization TS Chalyk, Gen , sel.i sem kuk. no.1-92-139 165

MOLDAVIA-HYBRID CORN-FROST RESISTANCE

Breeding cold-resistant early corn hybrids, E.T. Boshkov. Gen , sel i sem. ruk no l 45-91 *65

MOLDAVIA---INDUSTRIES

Economic efficiency of capital investments in the industry of the Moldavian S. S.R., report at the meeting of the Scientific Council, R.D. Fedotova, Sbor, nauch inform, Nauch, sov. po eff osn. fond kap. vlozh, i nov. tekh. AN SSSR no. 2:62-83 162

MOLDAVIA—MACHINERY INDUSTRY

Makcenko, M., S. Kirke, and A. Kovalenko. [Machinery manufacturing complex of the Moldavian S.S. R.; states and prospects for development | Mashinostroitel'nyi kompleks Moldavskoi SSR, sostolanic i perspektivy razvitiia Kishinev, Kartia Moldoveniaske, 1966 144 p

MOLDAVIA-MAPS

Atlas of the Ukraiman S.S.R. and the Moldavian S.S.R. E.I. Hum m., T. P. Starovomenko. Dop.AN URSR rock. $15\,40\,{\pm}15\,32\,{\pm}162$

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MOLDAVIA-PARASITES-CANIDAL

Parasites from manuals of the famil, Cantiac in Mol davia, O. F. Andreiko, I. M. Pinchuk. Paraz, 2009, 1 ast | no.1 43-52 '05

MOLDAVIA-PARASITES-DORMICE

Some conclusions on parasites of dornice (Myorddae) at Moldavia. OF Andrello Parace, this, reast no l 53-60 '65.

MOLDAVIA—PARASITES—FISHES

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MOLDAVIA-PIKE PERCH

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Pike perch cultivation in artificial reservoirs of Mollavia. Biol, res. vod Mold no. 4 82-89 '66.

MOLDAVIA—POLICE

Emelin, N., comp. [The crime will not take place] Pre-stuplenie ne sostoitsia. Kishiney, Kartia Moldovcalaste, 1966, 167 p. (MH-L)

MOLDAVIA-RADIOBROADCASTING

"A trip into tomorrow." M. Fleer. Sov. radio 1 tel. 8 no. 3:25 '59.

MOLDAVIA-RESEARCH, INDUSTRIAL

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New and rare Retifera in bodies of water of Moldavia A, I, Naberezhnyi, A, I, Rotar i. Izv. AN Mold. SSR no 5: 67-72 '65

MOLDAVIA-RURAL CONDITIONS

Well organized services in our rural areas. B. Glushie. Kommunist 43 no. 2 85-92 F '67.

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Formation of glucose oxidase by some molds, N.V. Pokrovskota, I. M. Novikova, T. V. Finogenova - Mikro-blologija - 31 no. 5 788-791 S-O - 162

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MOLECULAR STRUCTURE

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Fifect of chemical structure of plasticizer molecules on polymer glass point. A, A, Tager. A. I. Shyorova Vysokom soed. 8 no.104698-1702 O 466.

Effect of water structure in electrode processes. A. V. Pantitov, O. I. Lopushans'ka, A. M. Batter, Dop. AN URSR no. 7:908-911 163,

MOLECULES

Molecular radiation in resonance medium of high density V. M Genkin. V N. Genkin Izv vys ucheb zav ; radio-fiz 9 no 6:1142-1145 '66

Statistical distributions in media disturbed by alien particles, IU. V. Gurikov, Doki. AN SSSR 171 no. 5-1065-1068 D '66.

MOLECULES VIBRATION

Vibrational spectra and potential energy constants of halosthylenes. Monochlorosthylene, i,1-dichlorosthylene, and their deuterlum-substituted derivatives. V.S. Kukina, L. M. Sverdiov. Zhur, flz, khim. 40 no. 11:2037-2840 N '86,

MOLES AS CARRIERS OF DISEASES see subdivision under Ternopol' Province

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MOLYBDENUM COMPOUNDS-SPECTRA

Diectron paramagnetic resonance of Mo (V) iodide complex, I N Maroy and others. Dokl. AN SSSR 171 no 2 385-388 N '66.

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MOLYBDENUM SULFIDES

Outlook for the use of molybdenum disulfide to increase the durability of ship engines N.N.Roslov. Trudy LIVT no. 82 47-53 '85.

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High-temperature mobility of atoms, components of the system molybdenum - tungsten. D. F. Kalinavich, I. I. Kovenskii, M. D. Smolin. Porosh, met. 6 no. 11:57-61 N '66.

MONASTERIES

Pod'inpol'skii, S.S. [Guide to the architectural monu-monis of the Kirillo-Belozerskii and Ferapontov Monasteries] Putevoditel' po arkhitekturnym pamial -nikam Kirillo-Belozerskogo i Ferapontova monastyret, [Vologda] Severo-Zapadnoe knizhnoe izd-vo, 1966, 83 n. 63 p. (MH)

MONETARY UNIONS see subdivision under Africa

MONEY

Slavnyi, I.D. [Currency chiculation and economic re-form] Denozimoe obrashchente i ekonomicheskala re-forma Moskva, Finansy, 1966–78 p.

MONGOLIA

In the countries of socialism. The Mongolian People's Republic. V mil * knic 6 no 10,10 O *66

MONGOLIA -- AGRICULTURE.

Kononkoy, P. F., and S. N. Kononkoya. Agriculture in Mongolia Zemledelle v Mongolii. Pod red. V. II. Pisareya. Moskva, Kolos, 1966. 198 p. (DNAL)

MONGOLIA-CAMELS-DISEASES AND PL51S

Infectious enteroio enaia of camela caused by Clostridium per fringens, type C=M where and others. Veter hearth 13 no 11,32-35 N $^{1}66$

MONGOLIA-COMMUNIST PARTY

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Mongol'skaia narodno-revoltutslomaja partila, 15.

s''ezd, Ulan-Bator, 1996. [15th Congress of the Mongolian People's Revolutionary Party held in Ulan-Bator on June 7-11, 1966] XV s'erd Mongol'skoi nurodno-revoltutslomoi partil (Ulan-Bator, 7-11 ilunia 1966 god)

Moskva, Politizdat, 1966, 239 p. (Dokumenty i materialy zarubezlnykh kommunistichenkikh Itabechikh par-

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MONGOLIAN NEWSPAPERS

Zalatuev, G.N. [First nowapape) s of revolutionary Mon-golia | Pervye gazety revolutationnol Mongolit. Ultin-Ude, 1962. 53 p.

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Modern methods for the production of starting monomers for the synthesis of the most important fibration uning heter ogeneous chain polymers. A A Artomica and others. Zhur VKHO 11 no 6,612-619 166

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Some regularities of the distribution of monomycla in the organism of lambs. G. A. Shakatian, A. G. Nutarian, Z. M. Akopian. Veterium (fa. 14 no. 12:55-57 1) 168,

Wound infection by Protons in rabbits and its treatment with monomy clip in various doses and methods of administration. E V Bobkova, Antiblotiki II no II-1036-1039 N '66.

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Differential diagnosts of Lister in infections. V K Skatun Sov. med 26 no 3:46-52 M '63

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Amino acid composition of moose meat. P. V. Zhitenso. Biol i promi losta no 2-258-290 (6)

Geographical distribution of moose. A. V. Nasimovich Biol 1 from Josia no 2,0-16 (6)

Rules for purchasing moose mean. P. V. Zhitaneo. Biol. 1 prom. losts no. 2.251-294, 405. Statistical analysis of materials on tracking moose for consus. K. D. Zykov, IA. V. Sapetia. Biol. (prom. losts no. 2.30-105, 60.

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Some problems of improving intercollective farm production tie. A. F. Kuprnanov. Meh. /ap Mord gos un. no. 18 176-188 765.

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MOROCCO-GEOGRAPHY

Gorning, M.B., and G.H. Uikin. [Morocco; outline of its physical and economic geography] Marokko, ocherki po lizicheskoi i ekonomicheskoi geografii. Moskva, Mysl', 1966, 316 p.

MOROZOV, GEORGII FEDOROVICH, 1867-1920 Founder of forest science; forthcoming centennial of the blath of G. F. Morozov V. N. Sukachev. Privoda 55 no. 12.82-83 366.

Pages of recollections. N. M. Magalif (Shuvalova), Priroda 55 no. 12 88-91 '66

Story about my father. O. G. Morozova. Pilroda 55 no. 12 83-88 466.

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A new stage in the development of Moscow, N. Ulias, Strof. 1 arkbit, Mosk, 12 no. 6:4-8 Je *63.

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Manevich, I.M. [Motion pictures and literature] Kino i literatura. Moskva, Iskusstvo, 1986. 239 p.

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MOTORTRUCKS-ELECTRIC EQUIPMENT

Electric equipment of the GAZ-53A motor truck, V Borlsov, Ayt, transp 44 no. 12 31-34 D '66,

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Toptivania ekonomichnost avtomobilit. Izd 3, https:// Transport, 1966. 62 p. (Nauchno-populara de lebt) : teka avtomobilista)

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Results of treating cancer of the tongue and the mare cavity of the mouth by a combined method with the of adjoactive cobult. L.M. Vorontsov. Rite date no. 1:34-39 '65.

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Role of drawing in the kindergarten in the preparation of the child's hand for writing. T.S. Kamarawa. V. p. psikhol. 12 no. 6:164-171 N-D '66.

MOVEMENT (PHYSIOLOGY)

Correlation between a prolonged depression of lante electrical brain waves and the latent period of model reaction. M.P. Ivanova. Zhur, vya, nerv, deint. Li no. 3 437-442 My-Je 162,

Functional characteristics of conditioned motor is a the in man in relation to their place in the steerships. M. Livshits. Zhur vys norv.doiat. 13. no.4(610-61). Ji-Ag 163.

Interaction of the galvanic skin reaction and condities of a response in man during the process of formation of a system of conditioned motor response. S. R. 51/80 Zhur. vys. nerv. delat. 13 no. 44610-625 Ji-Ag 45

Latent period of motor reactions in homionopsia. A. C Arutimova, S. M. Blinkov, Zhur. vys. nerv. deint 12 no. 3:432-435 My-Js 62.

Problem of neuroses induced by the movement math 1 T.A. Moring. Zhur, vys. nerv. doi:t. 12 no. 3:491-4"4 My-Je 162.

MOVEMENT DISORDERS

Problems of the localization of functional disorders of the movement analyzer during the chinical contines f cerebral lesions. L. B. Litvak Zhur, nevr i psibb 66 no. 12-1745-1751 166

MOVEMENT DISORDERS (Continued)

Reaction of the thyroid gland to immobilivation, V. M. Gordienko Travinatologiia no. 1 111-118 h5

Use of multiple electrodes implanted in the subcortical structures of the humanicalin for the treatment of hyperkinesis, N.P Bekhtereva and others. Zhun mevz i psikh. 63 no 1:3-8 '63

MOZART, WOLFGANG AMADEUS, 1756-1791

Belza, I. F. [Mozart; for the 200th analysis ary of his birth] Moisart, k 200-lethin so dada royhdenila [h. p., Tlp. Biblioteki im. Lenina, 1956] 23 p. (V pomoshch slushateliam kontsertov) (CaOTU)

MOZDOK (NORTH OSSETIA)-HISTORY

History of Mozdok and its Ossetian population. B. A. Kaloev, Izv. Sev. Oset nauch, 1981 met 25:210-253

MSTA VALLEY-ANTIQUITES

Campsites in the central MataValley near the city of Borovichi, V V Garnovskii. Sov arkheof. 10 no. 1 156-160 466.

MUCOIDS

Changes in the content of scrum mucomateins in hemitocerebral dystrophy. E.G. Larskii, D.N. Cherkashchen-ko Vop. med khim. 12 no 6 598-600 N-D '66

MUCOUS MEMBRANE

Changes in the nucleic acid metabolism in the nucosa of the small intestine following acute experimental radia-tion sictness, I.N Davydova Vop. radioblot, 4,179-

Development of radiation injury in the nurcous membrane of the small intestine of mice and its regeneration under conditions of starvation. N. F. Gronskala, Vop. radio-hici, 1:208-221 (6).

MUD VOLCANOES

(see also suktivision under Shemakha District, Turkmenistan)

Relation of mud volcances to subsurface tectories. R R. Rakhmanov Azerb neft khoz 42 no 7 10-12 J1 163

MUGODZHAR HILL REGION-WATER, UNDERGROUND

Sydykov, Zh. S. [Underground waters of the Mugod/hat Hills and plains of the Mugod/hat Hill region, forma-tion, resources, and use] Podzemnye voly Mugod/hat i Primugod/hatskikh ravnin; formirovanic, resursy i ispol'zovanie. Alma-Ata, Nauka, 1960. il4 p.

MUHU ISLANDS-WORLD WAR, 1939-1945

[Fortress in the open sea. Translated from Estenian] Krepost* v more. Tallina, Eesti Raamat, 1966. 123 p

ATUKHINA, YERA IGNAT'EVNA, 1889-1053

Our art gallery Semila i shkola 21 no. 12:49 D 166.

Nutritional value of the leaf of the highly polyploid numberry Morus olgra L. 1 K. Abdullaev, N. A. Dzha-farov. Dokl. AN Azerb SSR 19, no. 2, 47-41, 263.

Heat treatment of mulitic refractory, S. Melolan, Prom. Aim. 9 no 10,45-46 466,

MULTIPLE SCLEROSIS

Neurohumoral relationships in multiple scienosis pa tlents, L.I. Starostenko, Dokl. AN BSSR 10 no. 10; 808-810 O 166.

Some blochemical data in multiple sclerosis. O A Khondkarian, Zhur nevr i psikh 66 no 12 1769-1776 '66

Subordination and neurohumoral shifts in multiple solero-sis patients. T.V. Seniuk, L. I Starostenko Doki AN BSSR 10 no.12;1001-1003 D '66

MUMMIES

Po Bledavnich A.M. [In the tracks of an old mystery]
Po Bledavn drevened tainy [Aroslav!', Verkline-Volvisskoe knizhnoe lzd-vo, 1966, 85 p.

MUNICIPAL SERVICES ace subdivision under Leningrad; Rumania

MUNITIONS see subdivision under United States

MUNSTER, PEACE OF, 1648 see Westphalia, Peace of, 1048

MURAL PAINTING AND DECORATION see subdivision under Moscow; Novgorod, Vologda Province; Yugoslavia

MURGAB OASIS-GEOLOGY, STRATIGRAPHIC

Stratigraphy of Paleogene sediments in the Mary Oasis. M. A. Tkachuk. Izv. AN Turk. SSR Ser. fiz. -tekh., khim i geol, nauk. no. 5 100-116 '62.

MURGAB VALLEY-GEOLOGY, STRATIGRAPHIC Middle and Upper Eccene sediments in the southern part of the Tedzhen-Murgab interfluve, M.I. Raevekli. 12v. AN Turk. SSR, Ser. liz. -tekh., khim. i geol. nauk. no. 4 75-81 '62.

MURMANSK PROVINCL - CONSTRUCTION INDUSTRY

\$t a new staye. K. A. Glukhovskor. Stror farklit, I en. 25 no. 12-5 D. 463

The items of immediate peresette should receive the train attention. Strong replanted to the Strong to M. 163

MURMANSK PROVINCE-ECONOMIC CONDITIONS

Bun'leyn h, G. I. [Man, work, wealth, an economist' story of the cell-being of the workers of Marman] Chelovek, trud, bogatsiyo, rasskaz ekonomista o biagosostotanii budiash bikhsia Murmana, [Murmansk] Murmanskoe knizimoe izd-vo, 1965. 125 p.

MURMANSK PROVINCE—FISH CULTURE

Calcium content in vision of Niumansk fish hatcherics during development of For Pastern salmon Pordnialova Prudy MMHI no 1244-87 h

MURMANSK PROVINCE-GEOLOGY-BIBLIOGRAPHY Study of the goology of the U.S.S.R.] Geologicheskala Izuchennost'SSSR Glav.tcd A N.Assovskii i da Moskva, Nauka,

[Murmansk Province, period 1956-1960] Mur mansa at oblast', per lod 1956-1960, [6 1 (Published literature) Opublikovannye 1 aboty 1966 393 p.

MURMANSK PROVINCE-MANUSCRIPTS

Archival especiation in Murmansk Province and the Landhard S S R, in the summer of 1960 - L A Dimitrice, 3.1 Kopaney, Trudy ODRI - 18(112-419-46)

MURMANSK PROVINCE-RADIO IN EDUCATION

A "tridio keture hall " N.Ryskalina. Sots zakon. 13 no 12:73 D 66

MURMANSK PROVINCE—SALMON

Calcium accumulation by embryos and young silmon in Min mansk and bakhalin hatcheries L. D. Zhiteneva Trudy MMBI no 12,91-100 '66.

MUSCULAR DYSTROPHY

Blockett is activity of the brain in progressive muscular dystrophy S A Mc1'nikov and others. Zhur, nevr i psikh. 63 no.1,8-13 '63

MUSCLE

Changes in the electrical characteristics of muscle fibers due to increased potnessum concentrations in the environment, V A Maiskit Biofizika 8 no.5-588-

Changes in the protein composition of skeletal, curding, and smooth musculatine following costration: $V \cdot A$, Iu 'ev. L. N. Zhakhova. N. I. Lopatina Biul eksp biol i med. 55 no. 5:54-57 My '63 Effect of reciprocal changes in the concentration of potas-

sium and chlor ide ions on the magnitude of resting po-tentials in isolated skeletal muscle fibers of the frog Man Zy-tinn' [Liang Tr turt'un], G A Kurella Biofizika 8 no 5:597-605 '63

Effect of idial-body X-ray irradiation on the respiration of the gastrocaemius in fregs. Z 1. Shittova. Vopradiobiol 1.132-139 [61].

Role of contractile proteins in the determination of the resistance of muscular tiesue to change C. I. Grigor's eva. Binl. eksp biol. 1 mcd 55 no 5:57-60 My '63.

Strption of some vital stains by martle nuscles of Mytilus gallept ovincialis under changing conditions L.P. Suzdal'skafa TSitologiin 8 no 5,621-629 S-O 166.

MUSCLE RELAXANTS

Decamethousum in regard to forengic chemistry V. A. Kudimova Apt delo 12 no 1:53-60 Ja-F '63.

influence of carbonic anhydrane inhibitors on the effect of different myorelaxants. A. I. Podle-maia. Trudy LPMI no 32-120-125 '65

Some data on the use of muscle relaxants V.IA, Orlow Eksper khir i anest. 8 no 6:66-68 N-D '63

Treatment of muscular hypertonia. V.V.Kents, B.IA. VII'nur, S.A. Liubishchev. Zhur, nevi i psikh. 63 no.1:63-57 '63.

MUSCLES

Action potentials of crayfish muscle fibers following prolonged oxposure to solutions containing Ba lons I A Liberman, L L Voronin Biofizika 8 no 5;579-87 '63 Characteristics of oxidative metabolism in animals in rickettsful intoxication L, P Zubok. Biokhimita 28 no.2;265-271 Mr-Ap '63.

Effect of imidazole compounds on a ketogluteric dehydro-genese from pigeon breast muscle. V. S. Gomazkova Biokhimita 31 no.6;1142-1149 N-D '66.

Some characteristics of the protein composition of tenie and letanic skeletal muscles in Frogs, V. B. Ushnkov, Biokhimilia 27 no. 5:828-635 S-O '62

Study of dissociation of lactic dehydrogenase from rabbit muscles B I Kurganov, N. P.Sugrobova Blokhimita 31 no 6:4084-1693 N-D '66

MUSCLES-DISEASES

Changes in the activity of some enzymes in the blood serum of relatives of children with myopathy. L. P. Grinto. Vop. med khim. 12 no. 6;800-603 N-D '66. Morphological changes in the inuscles and skin of a replanted extremity depending on ischemia and denorvation. M.I. Shashif in a. $G \subseteq \text{Lipovetskii}$ in tidy lego MAH 19 227-232 166

Producent of reasonial hypertonia VV Kenta, B.IA. Villar, S. V.Liubisholev Zhuracvi i paikh 63 no 1953-57 763

MUSCLES-INNERVATION

Effect of deneryation and subsequent reinnervation on nucleic acid content in functionally different muscle, 1. NU Suchesno Uls bookhim that 38 no 6 50?-60A 666

MUSCLES-MOTILITY

Contractile proteins in craptible muscles V. V. Oppel', T. P. Serebrentlova Bioblindia 28 no 2:221-231 Mr. 3p 163

Discritical activity of the inner less of the uniterior abdominal wall in A V Vishmerskin's lumber novocaine block A.V. Lieshits - I kaper Thu Eament - 8 no 6 57-59 N-D '63

Physical principle underlying the functioning of the contractile apparatus of muscles - V T Khoziainov - Bio-fizika 8 no 5 636-8 - 63

MUSCLES-TUMORS

Interropseular lipanits F. A. Chekharina, IU. G. Puchlav, D. L. Filimnan Vop onk 12 no 186-11 166.

MUSCULOSKELETAL SYSTEM-INNERVATION

Fifect of the finalization of peripheral regions of the mervous system on the respiration of scribtal muscles, Z.1 Shitova. Vop. radiobtol 1 19-58 [61]

MUSCULOSKELETAL SYSTEM-WOUNDS AND INJURIES (see also subdivision under Kiev)

Medical expertise of the capacity for work in persons baving suffered Industrial Trauma to the locoinolor approads — A.F., Bishovskala, G. V. Bezvesiffusio, T. A. Biriuchinskala, "Traymatologila" no 1:57-62 [45]

Some features of nonspecific humanity in injuries to the tocomotor apparatus - A.E. Kaplan, Traymotologila no. 1 348-323 - 455.

A review of the preparations of nuiseums for the anniversary A B. Zaks, V G Turfe, 1st SSSR 10 no 6 185-188 N-D '66

MUSHROOMS see subdivision under Latvia

MUSIC-HISTORY AND CRITICISM

Orlov, G.A. [Soviet Russian symphonism, ways, prob-lems, achievements] Russkii sovetskii simionizm; puti, problemy, dostizheniia. Moskva, Muzyka, 1066—330 p

MUSIC ... PHILOSOPHY AND AESTHETICS | see subdivision under Europe, Wastern

MUSIC CALENDARS

[Music calendar, 1967] Muzykal'nyi kalendar' 1967 god. Moskva, Muzyka, 1960, 359 p.

MUSICIANS-CORRESPONDENCE, REMINISCENCES.

ETC.
Chalkovskii, P.1. [Complete collected works] Polnoe
sobranie socimenti. Moskva, Muzyka,
Vol. II. [Literary works and correspondence]
Literaturnye protzvedenita i perepiska. Tom
podgotovlen K. IU. Davydovoi i G. I. Labutinoi,
1966. 358 p.

MUSK

Improvement of continuous nitration flowsheet in the production of ambiette, V.I. Astem'ev and others Trudy VNIISNDV no 7 103-106 465,

Method of removing methyl ether of dinitro-m-cresol from ambrette V, M Zalis, V, I, Artem'ev, Trudy VNHSNDV no 7 105-100 '65.

Deologic after effects of introduction of a new species into continental biocenosis, Ondetra in Emissia A A Nasimovich Zool zhur 45 no 11-1593-1599 '60

MUSKRATS-PARASITES see Parasiles-Muskrats

MUTUAL ECONOMIC ASSISTANCE COUNCIL

Cooperation of mombot countries of the Mutual Recommic Assistance Council in the development of chemical industry, N.P., Titov, M.I., Carbar Khim prom. 42 no. 12:881-888 D 466.

An important phase in the collaboration of the Mutual Economic Assistance Council countries stage. O. Egomolov. Kommunist 13 no. 18 13-24 D 460.

generally Administration of the Mutual Conformation Assistance Council and bourgeois criticism, S. Zavolzhskii, L. Lukin, Mezhdunat zhizni 14 no 1,11-19 '67.

Network schedule graphs in construction of complex of buildings for member countries of the Mutual Economic Assistance Council. A. Melik-Parsadanova, O. Noskov. Na. Stroi, Ros. 7 no. 11:21-22 N '66,

The new headquarters of the Mutual Economic Assistance Council, E. Potanina. Nov vrom. 25 no 3:29-30 fa 167.

Strengthening the cooperation and mutual aid of socialist countiles is the basis for the further consolidation of world socialist system S Pinksin, Vop. ekon, no. 12:111-120 D 168,

MIASTHENIA GRAVE

Clectrophysiological analysis of the myasthenic reaction D. A. Markov, B. IA Villner, V I, Savich Dokl AN BSSR 6 no 9-601-604 S '62

MYCELRUM

Study of attrogen-containing components in the mycella of Actinomyces A M Bezborodov, Makrobiologija 31 no 5,804-810 S-O '82

MYCOBACTERIUM

Chi omatogi aphic sepriation and allergenic activity of Peptidies isolated from strain Diffs of Mycobacterium tuber cubosis V. I Degitarento. A. IA Rozano. Zhui mikrobiol , cpid i immin 43 no II 29-33 N %. Flectron microscopic study of the effect of antibacterial

preparations on tuberculosis mycobacteria T.N. Chaikina, H.A. Krasnikov, Mikrobiol zhur. 28 no. 6 t52-68 466.

My Cobacter in isolated from formation waters of cil fields in northeastern Sakhalin I K Norenkova Mila oblologita 35 no 54890-893 S-O 566

Thermophil variant of Mycobacterium luteum, G.P. Slavuna, Mikrobiologua 31 no 5,819 S-O '62

MYCOBACTERIUM-CULTURES AND CULTURE MEDIA

Car bon matrition of propane-ovidizing bacter in V. M. Rogdonova Mikrobiologiia 35 no 5,787-788 5-0 '66

MYCOSIS

[Multivolume manual on the microbiology, clinical aspects and epidemiology of infectious diseases] Mnogotomnoe

and epitlemiology of infectious diseases] Mnogolomice ukovodstvo po mikrobiologii, kiinike i epitlemiologii infektsionnykh boleznei. Moskva, Meditsina.

Vol. 10, Studnitsin, A.A., ed. [Historical essay on the microbiology, epidemiology and clinical aspects of unexplained diseases, mycoses and discases of unexplained etiology] Istorichoskii ocherk mikrobiologii, epidemiologii i kliniki infektsionnykh boleznei, mikrozy i bolezni s nevylasnemoi etiologiei. Red. kollegiia X toma A. M. Arievich i dr. 1966 604 p. (DNLM)

Some clinical, diagnostic, therapeutic, and preventive problems of mycoses of the feet A. M. Arlevich.

Vest, derm. i ven no. 12:15-51 162.

Soviet griseofulvin in the therapy of scolp mycoses A. M. Arievich and others. Vest derm.i ven 37 no 33-6 163.

MYL'NIKOV, ANDREI ANDREEVICH, 1918-

A. Myl'nikov. V. Blek. Iskusstvo 29 no. 11'28-32 '66.

MYOCARDIUM-SURGERY

Methodology for the excision of a portion of the myocardium in a determined phase of the cardiac cycle for subsequent biohistochemical and autoradiographic examination. A. N. Medellanovskii and others. Fiziol zhur 48 no. 10-1277-1279 O '62.

MYONEURAL JUNCTION

Summation and accommodation in stimulation of the cortical motor region in adult and newborn animals. D. P. Ma-tinshkin. Biul eksp biol i med. 55 no 6:3-8 Jc. 163

Changes of the vision and ocular refraction in the process of near-accommodation paralysis in myopis 9. G. Muradalieva. Azerb, med, zhur, 49 no. 3;23-28 Mr '63.

Effect of atrophization on refraction in myopic children, N. A. Kaziava. Azerb, med. zhur. 40 no. 3;18-23 Mr. 163.

MYOSINS

Contractile proteins in craylish muscles. V. V. Oppel', T. P. Screbrenikova Biokhimiia 28 no 2:224-231 Mr-Ap 163

Datermination of the localization of muscle proteins in isolated myofibrils with the fluorescent antisody method. G. M. Frank and others Biofizika 8 no.51660-74 163. Effect of ionizing radiation on properties of monomolecu-

Alect of ionizing radiation on proporties of monomolecter crystalline myosin layers and characteristics of gelatination of its solutions. A.R. Egiazarova, K.Sh. Nadarcteristit. M. M. Zasiishvili. Radiobiologiia 6 no n-190-205.

der ous substances. N.I. ady VNIISNDV no. 7:69-

er Dniester Valley:

yxoviruses. Vop virus, II

AGELLATA

oa of the class Flagetlata ephalus bursa, A, A, 3B, 19 no, 2:45-47 '83,

nakhichevan a.s. s.r. —public health

Development of public health in the Nakhlehevan A.S.S.R. under So, jet author ity A.N. Mamedov. Azerb. med zhu. 10 no 4:100-105 Ap '63.

NAKHICHEVAN A.S. S.R. -TICKS

Case of the detection of protozoa of the class Flagellata in the eggs of the tick Rhipteephalus bursa. A. A. Gasanov Dokl AN Azerb SSR 19 no 2 43-47 183

NAKHICHEVAN A.S.S.R. --WORMWOOD

Lactones and the species independence of the Nakhi-chevan wormwood (Artemesia Nachitschevanica Rzazade) R A bbisas, N M Ismailov, K S Rybalko Doki AN Areib SSR 19 no, 2 43-44 '63

NALACHEVA VALLEY—GEOLOGY, STRUCTURAL Recent tectonics in the basins of the Avacha, Gavanka, and Nalacheva Rivers S E Apreikov Vop geog Kameh no 3:75-81 63

NALBANDIAN MIKAEL LAZAREVICH, 1929-1966 Mikael Neibendian's unpublished letter to Gevorg Vaga-petian Vost obshchestv nauk AN Arm SSR no 5-88şetian Ve 91 M. '66

NAMES, GEOGRAPHICAL see subdivision under Kamehatka; Tambov Province

NAMES, GEOGRAPHICAL-CONGRESSES

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Union V P Kuskov Vop. geog Kamch, no. 3,133134 165

NAMES, PERSONAL

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NAPHTHA

Investigating the aromatic hydrocarbons contained in catalytic cracking naphtha N. M. Indiukov and others Neftekhimlin 3 no 5-668-671 S-O '63

NAPHTHALAN—THERAPEUTIC USE

Comparative evaluation of the compound treatment of rheumatoid polyartin it is withnaphthalan and mastic in combination withbutations. G.G. Akhadi, Azerb. med zhur. 40 no 4179-83 Ap '63.

naphthalene

Behavior of admiximes during naphthalene production. B. M. Pats, M. K. Pakter, Koks i khim no 10-49-53 466

Oligomers of dialin and their properties. S. F. Naumova and others. Dold AN Bess 10 no.12,965-968 D '66.

Preparation of commercial naphthatene from naphthalene fraction by the crystallization fusion method. T. IA. Gogoleva, Kors I khim, no. 10,11-15 66.

NAPHTHALENONE

Compounds of the 2-tetralone series V. F. Shner, N. M. Pizhijalgovskaja, Usp khim. 35 no 7 1250-1264 Jl 66

Polarographic determination of a-tetralone ovince in V-(o-aminophenyl) buty: olactam. N. A. Lerineva, E. A. Kinglov. Zhur, anal, khim. 21 no. 11-1358-1363 466.

NAPHTHALIC ANHYDRIDE

Luminescent properties of the products of condensation of naphthalic unhydride with 3, 1 disminoantsole B, Krasovitskii, C. A. Shevehenko, I., D. Sheherbak Zhur. VKIIO 11 no 6.705 '66.

NAPHTHENES

Condensation of naphthenic acids and naphthenic alcohols with chylene oxide N.M.Romanov, A.N Nilazov Izv, AN Turk SSR Ser IIz. -tekh, khim i geol nauk no 5 34-39 162.

NAPHTHENIC ACIDS

Adviation of aromatic hydrocarbons by naphthenic acids, A.N. Nilazov, K.N. Sidorenko, Izv AN Turk, SSR, Ser, fiz, -tekh, khim i geol, nauk no 4-49-52 '62. Alkylolamides of naphthenic acids, P.O. Domchenko,

V.1, Slovikovstkyi. Dap. AN URSR no. 7:903-906 163,

NAPHTHOIC ACID

Study of complex formation in the solutions of some azo derivatives of a-hydroxynaphthoic seid N. A. Mukhina, L. P Kuley Zhur VKHO II no 6-706-707 166

NAPHTHOL.

Effect of the medium on a letation in 220 coupling. Part 1: Coupling with a naphthol. L. N. Ogoleva. B. I. Stepanov Trudy MKHTI no 42:44-48 '63.

Effect of &-naphthol in the inhibited process of oxidizing depolymentration of the copolymen of the ioxage with dioxalane L. A. Nikitina, V. A. Sukhov, A. F. Lakovni-kov Plast, massy no. 12-41-43 466

NAPHTHOQUINONE

Shikonin from Lithospermum officinale, N.V. Tarceva and others. Khim, privod, seed. no 5,359-360 166.

NAPHTHYLAMINE—PHYSIOLOGICAL EFFECT

Humoral antibodies in the blood serum of dogs in early stages of carcinogenesis under the effect of \$\textit{\textit{B}}\$-naphthylaroine, \$T.A.Korsteleva, \$A.P.Skachkov, Vop.onk, 12 no.12.67-68 **165.

NAPRASNIKOV, ALEKSEI ILLARIONOVICII, 1895-1960

Aleksei Illar lonovich Naprasnikov, obituary. Koka i shim, no. 12 58 '66,

NARCOTICS AND CRIME see subdivision under 1 rance

NARYN VALLEY-SOILS, SALTS IN

Diluvial salinization of soils in Naryn Depression and measures for the control. K. Narbaew. In Kir fil Veca ob-va pochy. no 2 47-62 63

NATIONAL CHARACTERISTICS, UKRAINIAN

Zaporozhets', Sydit. [Social problems of everyday life] Sotsial'no-pobutovi problemy. Toronto, 1956, 200 p. (CoV)

NATIONAL SONGS, FRENCH see subdivision under Stheria

NATIONALISM

(see also subdivision under Ukraine)

Ward, Barbara. [Five ideas that change the world. Translated from the English] Pint' idea, ketorye mentalut mir, New York, F. A. Praeger [1901] 189 p.

(NIC)

NATIONALISM AND EDUCATION see subdivision under Germany, West

NATIONALISM AND SOCIALISM

Ideological problems of the national liberation movement, K Brutents, Kommunist 43 m, 18 37-50 D 448

NATIONALITIES

(see also subdivision under Kazakhstan; Soviet Central Asia)

Anisimova, T.B. [Constitutional forms of relations among the nationalities of the U.S.S.R., for universities of Marxism-Leninism] Gosudarstvempe praycepe formy natsional "national "natio 61 p. (Osnovy sovetskogo gosudarstvennogo sti olto) - stva i piava)

Style I prayal

<u>Bagramoy</u>, E.A. [The nationalities problem and bourgeois ideology, criticism of modern political and noclological concepts] Natsional'nyi vopros I burshnavnuta
ideologita, kritika novelshikh politiko-sotsiologicheskikh kontseptsii. Moskva, Mysl', 1966—324 p.

The concept of "nationality," S I Pruzbinin and others
Vop. 1st 41 no 12:110-116 D 166

Development of the accialist culture of Soviet peoples in the interpretation of Soviet historical published in 1956-1963, L. M. Zak, Trudy MGIAI 22:51-77 '66,

From the declaration of the people's rights to the fraier-nal union of nationalities, P Simush Agitator 34 no 23-6-0 D '66

The Marxist-Leninist program on the nationalities problem and its realization in the U.S.S.R. V.F. Panibud'kaska, Ukr.ist.zhur. 10 no.11:78-88 N '66.

Our close-knit family of nations is marching toward the great goal. A. A. Astvateaturov, Izv. Sev. -Oset, nuch. -leal, inst. 25:32-46 186.

Rapprochement of the socialist nations N M. Semenov. Uch, zap. CHNHIALIT no. 23-88-124 '63

Some problems in the theory of "nationality," T. III. But mistrova Vop. ist II no 12:00-110 D 166

The 23d Congress of the CPSU on the development of nationality relations in the U.S.S.R. A.I Kholmogurov, Vest, Musk, an, Ser. 8; Filos. 21 no. 319-15 My-Je 160.

NATURAL GAS see Gas. Natural

NATURAL RESOURCES-LAW AND LEGISLATION We should protect and preserve natural resources. M. Baskakov Rad, pravo 29 no 12:39-41 D 155.

NATURE (AESTHETICS)

It will always remain in my memory A. Rukavishnikov. Doshk vosp. 39 no 12-56 D 166,

NAUTICAL ASTRONOMY—STUDY AND TEACHING Improving the habits of watch officers in naulical astronomy. A. E. Kolodiazhnyi. Mor. abor. 49 no 10:56 59 O '06.

NAVAL ARCHITECTURE

Calculation of the bilge with the consideration of the load in the presence of partial longitudinal partitions, M.V. Nabikanova Trudy Kal tekh inst, ryb prom. 15 128-135 462

Designing the upper works of a ship with a given stability diagram. A.N. Bogoslavskii. Trudy LiVT no. 81: 140-144 165.

Distribution of stresses in the coaming of open vessels. V.B. Starosel'skit. Trudy LIVT no. 81:94-98 165

Effect of basic characteristics of the outline form of fishing ships on resistance, S.N.Krasnopol'skii Trudy Kal. tekb. inst. ryb. prom 16 70-103 '62

Hydrobionics serves the navy. A. N. Shmyrev, V. F. Droblenkov. Mor. shor. 49 no. 10:32-39 O '66.

Template-beam methods of plotting a theoretical draft. V.G. Zin'kovskii-Gorbatenko. Trudy Kal, tekh insi ryh. prom. 15 48-71 '62.

MAVAL ARCHITECTURE (Continued)

Using the method of reducing the prototype to geometric similitude in designing ships A.I Rakov tekh inst 1 yb prom 15 159-166 | 62

NAVAL ARCHITECTURE-SPECIFICATIONS

Method of working out basic tables of the new "Regula-tions on the building of steel inland vessels "V, P Kuznetsov Trudy LIVI no. 81 76-85 '65

Regulations on the tailding of reinforced concrete inland water way vessels of the River Register of the R.S.I. S.R. (1966 issue) N.Egorov Rech. transp no 12 31 '66

NAVAL EDUCATION

Greater attention to the naval braining of airmen A.F. Balabasev Mor about 49 no 10:50-52 O 666

The sailor is age. A G Bazanov, Mor shor, 19 no. 10 40-17 O 166

Training of emergency parties, B G Shillman, Mor sbot, 19 no 10 17 50 O '66

"All flags will be visiting us, " Mor shor 19 no 10 7-9 O 166.

NAVIGATION

Grishin, IU.A. [History of navigation] Istorila more-plavanila. Moskva, Transport, 1966. 226 p.

Methods of evaluating the accuracy of course indication correction V.V. Vladimirov 50-66 O '66

Henders Suggest, G.G. Plianzov, M.Z. Nisnevich. Morsbor. 49 no 10 77-79 O '66

Redionov, A.I. [Automation of navigation] Aviomatizatsila sudovozhdenita, Moskva, Transport, 1966, 98 p. (Kursy usovershenstvovanita plavsostava MMF)

NAVIGATION-TABLES

Reply to the article "Against simplicity" M. Nikiforov Ryb, khoz. 42 no 11 44-45 166

NAVIGATION (AERONAUTICS)

Fedchin, S.S. [Airplane pilolage] Samoletovozhdenie. Moskva, Transport, 1966 527 p

Wind changeability and its influence on intervals of re-peated measurements. N.F. Miconov. Mon abor ло 10 52-56 О ¹66

NEAR EAST-PETROLEUM INDUSTRY

Attacks on oil monopolies. D. Kasatkin. Merhdunat. zhizu! 11 na.1,123-124 167

NEBULAE

Ratio of total to selective interstellar absorption in Orion, R Bartkus Astron tell no. 300,3-5 N 64.

NECESSITY (PHILOSOPHY)

The dialectic of necessity and chance. G. M. Shinaks. Vest, Mosk, un. Set. 8: Filos 21 no. 3:81-86 My-Je 166.

NECK-DISEASES

Popelianskii, IA.IU. [Cervical esteochondrosis; compression and reflex syndromes] Sheinyi esteochondroz, kompressionnye i reflektornye sindromy. Moskva, Meditsina, 1986, 283 p. (DNLM)

Shoulder shand reflex neur odystrophic syndrome in cervical osteochondrosis. IA.IU. Popltanskii. Zhur.nevi i psikh. 63 no.1:43-18 | 63.

NEFTYANYYE KAMNI OIL FIELD—OIL WELL

Drilling technique in the Neftyanyye Kamni oil field. IU.I.Zulalov, N.N.Mamedov, T.I.Dzhalilov, Azerb, neft, khoz. 12 no. 5:12-15 My 163.

NE ISSERIA

Results of using sulfadimesine for the treatment of meningococcus carriers in foci of infection. L. A. Genchikov Zh 136-139 N '66 Zhur mikrobiol., epid i immun 43 no 11;

NEKRASOV, NIKOLAI ALEKSEEVICH, 1821-1877

Grazdev, A.I. [N.A.Nekrasov's poem "For whom life is good in Russia"] Poema N.A.Nekrasova "Komu na Husi zhit' khorosho." Moskva, Khudozh lit-ra, 1966. 116 p.

NELSON, NELS CHRISTIAN, 1875-1964

Nels Christian Noison. A. P. Okladníkov. Vop. ist. 41 no 12:187-189. D. 168

NEMATODA

(see also subdivision under Moldavia)

Case of gongylonemiasis in man, N. A. Bulycheva, T. I. Avgustina, Med. paraz. i paraz, bol 31 no. 5;611-612 S-O 162.

Nematodirus infestation of sheep. M.1U. Paskaliskata. A. L. Mitsina. Veterinariia 43 no 12:44-45 D '66.

Phitometra infestation of carp. G.V.Vasil'kov. Veterinarila 43 no.162-64 Ja '67.

Rare case of Moniliformis Moniliformis parasitizing in man M F. Mizgireva, Med paraz, i paraz, bol no, 5 312-613 S-O '62,

NEMATODE DISEASES OF PLANTS

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Excitation of mert gases in electron - atom collisions Part 2 Neon, P. V Felttsan, I P Zapisochnyi, M M Poveh Ukr fiz dur II no II 1222-1230 N 466

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NEPTUNIUM—PHYSIOLOGICAL EFFECT

Neptunium²³⁷ behavior in animal organism and some problems of its biological action V.V Kreslov, R.F. Libinzon Radiobiologiia 6 no 6 837-841 '66

NERVES

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Déstructive phase of physiological neuron regeneration; interferement le and electrophysiological study V IA, Brodskii, A. M. Arefeva, L. P. Kuznetsova TSitologiia 8 no 5:662-664 S-O :66

Electric potentials of isolated nerve as affected by tetanus tovin, S A, Kuznetsov, M G, Moglan Izv AN Mold SSR no 5:13-10 165

Some data on the election microscopy of nerve tissues; a review of literature 1. I. Glezer Zhur nevr i patkh 63 no 1 114-151 163

Statistical method for determining the output signal of actions networks, V IU Metius. Kibet netika no 6 72-78 N-D '66

NERVES-SURGERY

Work capacity in a late period after suturing the nerves of the extremities. V.L Kachaev. Zhur, nevi 1 psikh 63 no.1;61-65 63.

NERVES-WOUNDS AND INJURIES

Hole of nerve clean ix in restoration of functions V. V Shuvaev, V. A. Poliantsev, M. A. Shuster Trudy 1-go MMI 49,216-250 '66

NERVES, CRANIAL

Structure of per incural apaces and ducts abducing lymph from the cerebi ospinal nerves. N. A. Kurdinmov Arkh anat, gist i embi 14 no 3 121-126 Mr 63

NERVES, PERIPHERAL-SURGERY

Surgery on the blood vessels and nerves in scate radiation stekness. L. A. Mel'nik. Med. rad. 7 no. 8-17-52 Ag 162,

NERVES, PERIPHERAL—WOUNDS AND INJURIES

"Reaction of the nervous system of the organism to a cronic lesson of a peripheral nervo" by C.K. Plechkova, Zhur, nevr i paikh. 63 no.1:157-158 '63

NERVES, SPINAL

Changes in alkaline phosphatase activity in neurons of spinal gaugita of cut following essection of rectum and sigmoid colon. A. P. Amvros'ov. Dokl. AN BSSR. 10 no 9:710-714. S. '66

Structure of per inem al spaces and ducts abducing lymph fi om the cerebrospinal norves. N. A. Kurdiumov anat., gist.i embr. 14 no.3-121-125 Mr 163

NERVES, SPINAL-DISEASES

Ozocerite treatment in lumbosacrel radiculitis with electromyographic control M. Z. Kal'kaev. Zher nevr i psikh 63 no 1:14-18 '63

NERVES, SPINAL-SURGERY

Electrical potentials of the degenerating dorsal spinal cord root in cats. T.M. Mamonets Fiziol. zhur. 48 no. 10:1270-1276 O '62

NERVES, SPLANCHNIC

Apropos of the localization of conductive pathways of the viceeral afferent system in the region of the internal capsule O.G. Baklawadzhian. Blul.eksp.biol.i med 55 no 618-13 Je 483.

NERVOUS SYSTEM

Biriukov, D.A., ed. [Mechanisms of the activity of the central neuron] Mekhanizmy detatel nost i tsentral nogo neirona. [By] G.A. Vartanian i dr. Moskva, Nauka, 1986. 262 p.

Changes in the peripheral plood and home marrow in animals irradiated in a state of nervous depression of stimulation. T. M. Kondraffeva. Vop radiobiol. 4. 151-164 61

Computative physiological data on the origin of the higher mervous activity in man = I - G = Voronn - V antr = no / 4/21 - 33 / 180

Concept of Paviovian nervism in pharmacology; on the 70th bit fludy and the 50th anniversary of the scientific activity of Professor S V. Anichlev, active member of the Academy of Medical Sciences of the U S. S R D. A Biriukov. Fiziol, thur. 48 no 10 1287-1289

Correlation between the strength of the nervous system and the dimension of unconditioned food screetory reflexes L. P. Rudenko Zhar vys nerv delat 13 no 4: 895-698 Jl-Ag '63

Dynamics of changes in nonspecific phosphatases in central network system of white mree infected with human acute encephalonyelitis virus K A. Vanag, V. V. Malinovskila E K Byckkova Vop virus II no 5564-570 S-O '66

Effect of d-lysergic acid dicthylamide on higher nervous activity in monkeys N. I Legatina and others vys nerv detat 13 no 1 638-615 JI-Ag 63

Effect of londing radiation on the peripheral nervous system A V Lazovathia Vop radioblet 4:68-75 (61.

Effect of mediators on functional and morphotogical properties of the nerve trunk, R S. Orlov, V N Stwalev, Izv AN SSSR Scr biol, no 3 430-440 My-Je +63,

Electrophysiological methods in studying the main characteristics of the human nervous system Nobylitsyn Sov pedag 30 no 8 35-11 Ag 166

Polikanina, R.I. [Development of the higher nervous ac-Tivity in premature infants during the cally period of their life; Razvitle vysshol norvnoi deatel nosti u ne-donoshennykh detel v rannem periode zhizni. [Lenin-grad Meditsina, 1966 246 p. (DNLM)

Shifts in macrostructure of blood proteins following functional changes in central nervous system induced by chloral hydrate A F Makarchenko aud other a Dokl AN SSSR 171 no. 2, 198-500 N 466

Significance of overexcitation of the central nervous sys tem in the genesis of cypes imentel hyper tensive cere-bral insultus L. V. Krushinskii and others Bidl. eksp biol i med. 55 no 6,40-43 Je '63

NERVOUS SYSTEM-AGING

Age-related mobility of human basic nervous processes. A.E. Khil'chenko, L. N. Kurkchi, N. F. Kurkchi, Vop. psikhol. 12 no. 6:123-126 N-D '66.

NERVOUS SYSTEM-CONGRESSES

Fourth All-Union Conference on Biochemistry of Nervous System | E E Goncharova | Ukr biokhim Thur | 38 System E E Gon no 6:65 1-656 '66

NERVOUS SYSTEM-CRUSTACEA

Ultrastructure of crab axon and its permeability to vital stains K.A.Gol'fand and others TSitologita 8 no 5 585-597 S-O 466.

NERVOUS SYSTEM—DISEASES

L'voyskii gosudarstvonnyi meditsinskii institut, [P10-blems of neuropathology and psychiatry, abstracts of re-ports presented at a scientific conference, February 1-3, 1967] Vopros y nevo patologi i psikhtarij; ki at-koe soderzhanie dokladov rauchnol konferentsil, i-3 fevralia, 1007 g. L'vov, 1960. 289 p (DNLM)

[Multivolume manual on pathological physiology] Mno-

gotomnoe manual on paniological pnysiology Mno-gotomnoe rukovodstvo po patologichesko i Etziologii. Otv. rcd. N.N. Sirotin. Moskva, Meditsina. Vol. 4. Leitos, S.M., and S.M. Pavlenko, eds. [Pathological physiology of the digestive system, liver, endocrine and nervous systems] Patolo-gicheskata fiziologiia pishchevaritel'noi sistemy, pecheni, endokrinnoi i nervous isistem. 1968. 548 p. (DNLM)

Pathogenesis of lesions of the nervous system in ascariasis, F.F., Talyzin, M.V. Dalin, Med paraz, I paraz bol, 31 no 5:551-556 S-O '62

Pathomorphology of the central nervous system in experimental brucellosts of guines pigs immunized with a specific varcine, Report No I. V V. Veselava, Sbor. nauch rab SibNIV no. 11 101-105 162.

Pathomorphology of the nervous system in sheep during the acute period of experimental brucellosis, K.P. Gus'kova. Shor nauch, rab SibNIVI no.11 107-115 '62

Role of the nervous system in the processes of thy old gland hyperplesia. M.E.Skatkov. Problendok.i gorm. 9 no 1:18-23 Ja-F '63. Role of tovoplasmosis in changes in the nervous system in congenital defects of the heart and large vessels in children R A Kovaneva, M A Pronine, N A, Bykova

Vest AMN SSSR 17 no 10:40-44 '62

Some data on the state of the nervous system in entero-biasis in children, L. P. Savchenko. Med. paraz i paraz, bol. 31 no. 5:557-559 S-O '62.

State of the nervous system in glossodynia, R.Kh. Maksudova, E.I.Golutva, Zhar.nevr i psikh, 53 no.1: 27-30 63.

HERVOUS SYSTEM-WOUNDS AND BUURIES

Some dita on relationship Lety con characteristics of herro rrage so, drone phenomenon in dogs following worter idictions thoses will topography o peripheral removes stern unit. Billehede Ridiohfologifa

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subordination and acurokamos definits in multiple solero-sub patients — T. V. Schiuk, L. I. Starostenko — Dol I. AV BSSR 10 no 12 1001-1003 D 156

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Experim atal vascular spasm in hard limbs caused by a chronic irritation of the lumber sympathetic genglia I P Viliansku. IU. M Collectin Eksper Phu i snest 8 no 6 55~36 N-D 163

Sympathetic nature of "spontaneous" impulses recorded The state of spontaneous manages of spotter in the common nerve trunt of the free M.V. Kirzon-F.V. Kopytova Biul eksp.biol fined 55 no 55-8
My '63

NERVOUS SYSTEM, VASOMOTOR

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Varomotor reactions of organs in the abdominal cavity at various levels of arterial pressure V. P. Kulagina Biul eksp biol 1 med 55 no 5 16-20 My '63

NESIN, AZIZ

A masterplace of fiction Aziz Nesin. V mile anig 6 no 1048 O '66

NESTOR ISKANDER

"The Constantinople vision" in the "Tale of Constantinople" of Nostor Islander and its interpretation in some monuments of applied art. k. K. Mamaev. Trudy ORRL. 22 342-352 66

NETS (MATHEMATICS)

Difference schemes or numerical calculation for fourth-order differential equation with specially selected net A K Boiarchuk Vych mat [Kiev] no 2 53-66 '66

NEUROCHEMISTRY

Histochemical study of adenosincuriphosphatase activity in regenerating and degencrating nerves O M Rozh-manova Ukr biokhim zhu 38 ne 6 573-576 '66

Use of different fixatives in studying hypothalamichypophyseal neurosecretory material in rats O.A. Danilova TSitologia 8 no 5-864-669 S-O '66

NEUROLOGY-RESEARCH

Device for automatic recording of neuron group—S. A. Kuznetsov, N. N. Vizitei, A. I. Nadwodniuk, Izv. AN Mold. SSR no 5,50-57 '65

NEUROPATHOLOGY

Akademiia meditsinskikh nauk SSSR. Institut eksperi-mental'nof meditsiny. Role of deep structures of the human brain in the mechanisms of pathological reac-tions, materials for a symposium, June 10-12, 1965; Rol' glubokikh struktur golovnogo mozga cheloveka v mekhanizmaich patologicheskikh reaktsii; materialy k simpozuumu, 10-12 ilunia 1965 g. Lenngrad, 1965. 120 p. 120 р

(DNLM)

NEUROPSYCHIATRY

Paradoval sleep and neuropsychic diseases. E.A. Kostandov, B A. Lehedov, K K. Monakhov. Zhur, nevr, i psikh. 67 no 1144-149 '67.

MEUROSES

Methodology for the production of experimental neuroses in small laboratory animals T D Oxidziguri Zhui vys nerv.deiat. 12 no.3 587-568 My-Je 182.

Problem of neuroses induced by the movement method. T. A. Mering. Zhur. vys. nerv. delat, 12 no. 3.481-498

Specificity of the origin and development of neurotic states in operators in the man-machine system F D Gorbov O N Koznetsov, V I Lebedev Zhur nevr i psikh 66 no.12 1805-1812 '86.

NE UTRINOS

Dauteron aphitting by neutrinos, IU.S. Kopysov, V.A. Kuz'min. 1Ad. iiz 4 no. 5-1031-1038 N '56.

Double beta-decay and characteristics of neutrino V.R. Lazarenko. Usp fiz. nauk 90 no 4.601-622 D 166.

Neutrino pair production in electron motion within magnetic field V.N. Baier, V.M. katlov Dokl, AN SSSR 171 no 2 313-316 N '66

Price theorem and neutrino theory of photons V 5
Berezinskii Zhur ekspiteor fiz 51 no 5 1874-1384 N '66

NEUTRONS

Abov, IU.G., A D. Gul'ko, and P. A. Krupchitskii [Polarized slow neutrons] Polini izovannye medlennye neitrony Moskva, Atomizdat, 1966, 207 p.

Cross section of Pu²³⁸ and Am²⁴¹ fission on monochro-

matic resonance neutrons V.F Gerasimov IAd fir 4 no 5:985-992 N '66

NEUTRONS-CAPTURE

Radiative capture of fast neutrons by Y^{09} isotope V. A. Tolstikov and others. Atom energ. 21 no 0 506-507

NEUTRONS-DIFFRACTION

Neutron diffraction in polarized crystals. V. G. Baryshev-skii Zhur eksp i teor fiz 51 no 5:1587-1591 N '66

NEUTRONS-EMISSION

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NEUTRONS-MEASUREMENT

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Atom energ 21 no.6 508-509 D 166

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Incoherent neutron scattering in ferromagnets and prob. lem of restoration of magnon spectrum IU. A Iziumov. M V. Medvedev Zhur, eksp i teor fiz 51 no. 5:1423-

Role of diffusion processes in scattering of slow neutrons in liquids G K Ivanov Zhur eksp (teor fiz 51 no 4 1120-1126 O '66

Use of corona discharge counters in determining moisture of disperse muterials by the method of reversed neutron scattering, M. P. Volar ovich, P. I. Skvortsova, Koll. zhur. 28 no 6 mg-823 N-D *66

NEUTRONS-SPECTRA

Neutron spectra in (d, n)-reactions on mean atomic weight nuclei. V, V, Okorokov and others. fAd (iz 4 no 5-975-984 N '66.

NEW GUINEA-DESCRIPTION AND TRAVEL

Miklukha-Makial, N.N. [A trip to New Guinea] Mandrivka na Novu Gvineiu. Rylv, Veselka, 1965. 307 p. (CaAEU)

NEW STARS see Stars, New

NEW YORK (CITY)-THEATER

Broadway theater without makeup. Sasha Luri, Teatr 24 no. 7:157-160 JI 183.

NEWCASTLE DISEASE—PREVENTIVE INOCULATION

Effect of feed ferramycin and strain 2377 on the immunity in the case of Newcastle disease and pasteur ellosis of chickens. P. N. koturanov. Veterinallia 13 no. 12

NEWCASTLE DISEASE VIRUS

Use of target theory in evaluating size of structural components of Newcastle disease virus. M M Viten-chil and others. Vop. virus. 11 no.5 603-606 S-O vo6

NEWSPAPER LAYOUT AND TYPOGRAPHY-EQUIP-MENT AND SUPPLIES

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NICKEL SULFATES-TOXICOLOGY

Histochemical determination of the paraentally a skin to nickel suffate. P. I. Rolpakov. Vell. ven. no. 12:22-20 163,

NICOLLE, CHARLES, 1986-1930 Charles Nicolle; 199th analyses ary of his fut Metelsia. Veterina da 43 no. 11;117-11 ()

NICOTINAMIDE

Structure of coromine. M.S. Hinnaov, S.A. Ares-S. IU, Hinnaov Khim, privod, noed, mess (40 or)

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NICOTINIC ACID

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NDERLE, LUBOR, 1865-1944 Lubor Niderle. A.T. Sintuk, Vop. ist. alav. r., ? 1 -201 166.

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NIGERIA-EDUCATION

Problems of education in the Federal Republic of Nigeria D, Sh. Sklovskii. Sov. pedig. 30, no. 8, 132-140

NIGHTSHADE BREEDING

Effect of preliminary grafting on the growth of pollen tubes in crossing tomato with the black night-shade. I A Samsonova Trudy Inst gen. no. 26 93-97 '62

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New photometric methods for the determination of niobium and tantalum in metals and alloys, Report No 5 Study of niobium complex with methylthymol blue, S. V. Elinson, N. A. Mirzoian Zhur, anal, khim, 21 no, 12:1438-1442 '66,

NIORIUM HYDROXIDES

Interaction of nichium hydroxide with amine water solutions. N. V. Petrova. G. N. Maral'. N. P. Makarova. Min. syr'e no. 13:35 -11 '66.

NIOBIUM-ZIRCONIUM-TITANIUM ALLOYS

X-ray structural study of super conducting alloys based on nichium V.S. Kogan, B.G. Lazarev, L. F. IAkimen-ko Zhur eksp i teor fiz 51 no 5:1328-1331 N '66.

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Improvement of continuous nitration flowsheet in the production of ambi ette. V.I. At tem 'ev and others Trudy VNIISNDV no. 7:103-106 '65,

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Synthesis and some properties of tantalum nutrile chlo-nide, Ta,N₂Cl and tantalum oxyntride, TaON IU A Buslacy and others 12v AN SSSR Nearg mat 2 no 12 2120-2124 D 466

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NITROBENZENE

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Oxidation of aminonitrogen in microelement analysis of organic compounds containing nitrogen. E. I. Margolis, M. N. Dobronravova. Vest Mosk. un. Ser. 2: khim. 17 no 5:79-82 S-O '82. Transfor matton of proteins and nonprotein nitrogen-containing substances in the 1 ipening of broad beans (Vicia faba L.). V. G. Klimenko. A. D. Berezovikov. Biokhimin 28 no 2238-245 M: -Ap '63

NITROGEN-FIXATION

Difect of filtrates of culture field of Azotobacter agile and Azotobacter vinelandii on fixation of atmospheric nitrogen N.A. Sandtak. Miktobiologia 31 no 5-800-803 5-0 '62.

Atmospheric nitrogen fixation by purple sulfur bacteria duling growth on mineral and organic media tankhieta [Yong Hul-fang] Mikrobiologlia 31 no 5:774-777 S-O 162

Hydrogenase and succinic dehydrogenase in Azotobacter vinelandii and their relation to nitrogen fixation V A IAkolice, L A. Levchenko, Dokl, AN SSSR 171 no, 5 1221-1220 D '66.

NITROGEN FERTILIZERS

Diffect of nitrogen supplements and band placement of superphosphates in Chernozems of Kuybyshev Province A 1A, Pakhomov. Khim. v sel'khoz i no 12:15-17 D '66

Effect of the forms of nitrogen fertilizers on the yield of tomatoes in bog and Sicrozem-brown soils. A.A. Guscinov. Agrokhimita no.12 15-17 D 186.

Effect of various forms of nitrogen fertilizers on the yield and physical and mechanical properties of the libers of liber cotton. H.V.Lest- Pochv usl, i effek, utok. no. 1:96-102 [63]

Effectiveness of nitrate and ammoniacal forms of nitro-

Effectiveness of altrate and ammoniacal forms of altro-gen fertiliture in deep Chemozum soils NI Katrick Khim, v self, khoz, 1 no 122-5 D '66. Use of various forms of altrogen fertiliters for pota-toes and coun in Polesye of the Ukraine Sh I Litvak Khim, v self khoz 4 no, 1211-12 D '66

NITROGEN FIXING MICRO-ORGANISMS see Microorganisms, Nitrogen fixing

NITROGEN INDUSTRIES.

[Technology of combined nitrogen] Tekhnologila svinzan-nogo azota. [By] F. A. Andreev i dt. Moskva, Khimila, 1966. 498 p.

NITROGEN ISOTOPES

Synthesis of DL-asparagine suitable for the production of N^{15} - and C^{14} -labeled asparagine. M. 1, 1 erman, S. R. Mardashev. Blokhimita 27 no. 5:994-998 S-

NITROGEN METABOLISM

Metabolism of nitrogen compounds in the rumen of ruminants. A.I.Sointsev, N. A. Mukhina, A. K. Bobytev, Izv. AN SSSR, Ser, biol. no, 3:419-429 My-Je '03,

NITROGEN OXIDES

Action of nitrogen oxides on bromo clefins. Part 2: Action of nitrogen tritrackide on isobutylene bromide. S. V. Vasil'ev. O. T. Burdelev. Zhur. org khim 2 no.11; 1901-1905 N '66.

Action of nitrogen exides on brome elefins. Part 3: Action of nitrogen tetraexide on α - and β -bromestyrene S.V. Vasil'ev, O. T. Burdelev. Zhur org, khim 2 no 11: 1955-1969 N '66.

Determination of small concentrations of C_1 - C_4 hydrocarbons in nitrogen oxides. V.S. Mirzelanov, V.G. Berezkin, V.A. Nikol'skii Zhur, anal, khim. 21 no. 10-1239-1242 486.

Removal of nitric oxide from coke oven gas by means of dry mass. R. F. Kovpakova, I. IA. Mulik. Khim. prom. [Ukr. | no. 3:19-21 JI-S '62.

Spectroscopic studies of glow discharge through air. M. M. Rogoredstif, F. N. Fremin, Zhor fiz. thim. 10 no 11 2771-2773 N '66

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Typological characteristics of the Nivkh language V. Z. Panfilov. Vop. inc. 15 no. 5,18-6; S-O '66,

NIZHNIY TAGIL-CONSTRUCTION INDUSTRY-COSTS Work and plane of an older-bearing trust. S. Kogan, Ekon, stroi. 8 no. 12:13-15 D 186.

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NOMOGRAPHY (MATHEMATICS)

Nomograph for calculating gating systems N 1 Mishchen-ko Lit proize no 1142 N '03 Nomogram for determining the absolute magnetite and hematite content of hematite-magnetite ores and nocks on the basis of the data of chemical analyses, N, A, Plaksenko, Trudy VGU 63:117-119 '65,

Nomogram for the determination of the Prandil criterion of liquids on the anturation line, A.K. Chernyshev Khim, i tern, topi i masel 11 no. 11:57-60 N '86

Nomographic method of determining equilibrium constant in order to calculate conditions of gas separation in gas condensate fields 12 Ramazanov Azerb neft. khoz 45 no 9:30-32 S '66

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Inspiring outlooks Prom. Arm. 9 no. 10:73-71 '66.

NONFERROUS METALS

Flow sheels for dicesting complex metal oves with a high content of pyrites. N.I. Kudilakova, T. M. Miagkova. Obog und 11 no. 3:1-9 '66.

A method of complex economic evaluation of block bottom preparation systems. R.M.Garaberg. Got zhur. no. 11 34-37 N '66,

NONFERROUS ME CALS-ANALYSIS

Method of quantitative X-ray analysis of chalcopyrite in copper-nickel ores, I.A Bud'ko. Obog.tud 11 no.3: 30-41 '66.

NONFERROUS METALS-FOUNDING

Equipment and technology of producing thin-walled non-ferrous metal castings N.N. Belousov, A.A. Dodonov Lit. proizy, no. 12,10-14 D '66

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REGRNANAMINE

range in the reaction of irradiated animals to the injection of mecanine G.N Malygina Vop radioblot (392-3") tol.

lation between structure and odor in the scries or to her nyle velanones - L. A. Khelfits and others - Trudy *NIISNDV no / 63-69 'e5

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D. N Dumbadze Sov med 25 no 3:101-106 Vi '63

Quantitative determination of spasmolytine and novecoin-amide using the anionit N-O D, S TAskina. Nguen Ba Khiep Apt delo 12 no 1.76-77 Ja-1 '63

Somo pharmacological effects of novocaine in hradiated animals. A V. Lazovskaja. Vop. radiobiol. 1:358-364 '61.

T) eatment of mycocardial infract with novocair plocks of the cardioacrtal plexus of the heart K.V., okin Trudy last im. N. V. Sklif 7 207-210 *63.

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Novosibirsk Insiltute of Geodesy, Aorial Photography, and Cartography is 30 years old. M. A. Mitnikov, A. V. Bulkevich Izv. vys. ucheb zav., geod. i aerof. no. l: 130-142 163.

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Novosibirskii institut inzhenerov zheleznodorozhnego
transporta. [Geological field trips in the surrounding
area of Novosibirsk, methodological guidebook on geological praetice for students specializing in construction
in the Novosibirsk institute of Engineers of Raficead
Transportation] Geologicheskie ekskur sil v okrestnostiakh goroda Novosibirska, metodicheskoe rikovosistvo
poucholmoi geologicheskoi praktike studentov sirofici noi
spetsial nosti NIIZhTa. Novosibirsk, 1965. 76 p.
[MICROTILM]

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NOZZLES-DESIGN AND CONSTRUCTION

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NUCLEAR COUNTERS

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- Microscopic theory of nuclear magnetic relaxation in Riquid R M IIII metter Zhan ekpriteor fiz 51 4 1000-1002 O 766
- Spin-lattice a clauation in weakly nonhomogeneous distrabutions of conduction electrons in strong magnetic fields V. P. Kalashnikov Zhur ekspitem tiz 51 no 54417-1422 N '66
- Study of types of polyvinyl chloride plasticization by means of nuclear magnetic resonance L, IA Chunbur isova and others. Vysokom seed. 8 no 10,1810-1813 O '66
- Synchi onization of autodyne with automatic amplitude con-R Krivickas, V Lesauskis IV, vys uchch zav offz 9 no 6-1234-1237 '66 radiofiz
- Using nuclear quadrupole resonance for studying minerals 1 N Pen'kov, I A Sofin Izv AN SSSR Ser geol 31 no 12 41-52 D '66

NUCLEAR MODELS

- Contemporary concepts of nuclear physics in schools. (i. K. Pogonets Vech-sica, shkola 8 no. 6;30-33 No. D 566.
- "Aboutife moments of even nuclei in phenomenological models of collective quadrupole excitations D R. Grechukhin IAd. fiz. 4 no 5:953-957 N '66
- Scattering or fast electrons on Li6 nucleus and nucleon Chaster model, IU. A. Kadelatov, IU. F. Smirnov, M. A. Chebotarev IAd. fiz. 4 no 5 1048-1051 N 466

NUCLEAR OPTICAL MODELS

('se of aptical model in analyzing clastic scattering of a -particles at our rgy of 21, 2 MeV, on $\Lambda 1^{27}$ and $C1^2$ nuclei, O T. Nemets, A. T. Rudchik, IAd fiz 1 no. 5-976-974 N 16 0.

NUCLEAR PHYSICS see subdivision under Ukraine

NUCLEAR PHYSICS-CONGRESSES

School for theoreticians in Crimea. S. Gerasimov and others Atom energ, 21 no 6 525-526 D '66. Sixth All-Union Conference on Theory of Plementary Particles, 10 M, Lomsadze Usp fiz nauk 90 no 3: 549-557 N 166

NUCLEAR PHYSICS-STUDY AND TEACHING

Contemporary concepts of nuclear physics in chools.

C. K. Pogonets. Vech. stud. shkola 9 no. 6:30-13 No.

NUCLEAR REACTIONS

- Complete experiment of isobar production in meson nucleon collisions M.S Duboyikov IAd, fiz. 4 no 5 1058-1062 N 766.
- Determining dosage of B10(n,o)Li7 products and temperature in reaction zone by effect of their mal neutrons on horax glass, S.A. Gabsatarova, A. M. Kabskchi Atom. energ 21 no. c. 519-520 D 466
- Deuterous and weak interactions. L. I. Smirnov. IAd fig. 4 no. 5-1016-1020 N '66,
- Experimental data on K-meson and nucleon charge exchange at high energy, and complex moment theory, V. N. Mel'niPov, K. A. Ter-Martirosian. IAd fiz. 4 no 5:1072-1076 N 166.
- Kinetic equilibrium of β -processes in the interior of stars, V S. Imshennik, D K. Naderhin, V.S. Pinaev Astron. Thur. 43 na 6 1215-1225 N-D '66.
- Lavel characteristics of Ards and Ar38 nuclei excited In proton capture by chlorine isotopes K. V. Kordzhev, V. I. Man'ko, F. E. Chukreev IAd fiz 4 no. 5:909-919 N '69,
- Measuring flux of thermal neutrons and cadmium ratio on basts of gold activation, S.S. Bugorkov and others. Atom, energ. 21 no. 6 508-509 D 'b6.
- Mechanism as determined by polar and tetragonal diagrams in direct (t, p) and (He³, p) nuclear reactions on i p-shell nuclei. Jens Bang and others, IAd, fiz, 4 no. 5:962-969 N '66
- Noutron spectra in (d, n)-reactions on mean atomic weight nuclei V V. Okorokov and others, 1Ad ftz, 4 no 5;075-984 N '66,
- Nonorthogonality of wave functions in unified theory of resonance nuclear reactions, 1, V. Gordoev, 1A4, 112, 4 no, 5 958-951 N 166.
- Observation of complex characteristics of amplitude of direct nuclear reactions E. L. Dubovol, I. S. Snapiro Zhur eksp i teor.fiz 51 no.4:1251-1259 O '66
- Simplest inclastic processes at high energies, V. A. Ter-Martirosian, IAd, fiz. 4 no. 5:1067-1071 N '66,
- Taking into account effects of virtual scattering in direct nuclear reactions V. A. Kaminakii. III. V. Orlov. I.S. Shaptro Zhur eksp i teor. fiz. 51 no 4:1238-1250 O '66

- Use of nuclear (caction (n, f) for determining columnia content. I N Playsin, N G Malysheva. I P Starchil-Doll AN 888R 171 no. 2, 393-391 N 166
- Using method of triple coincidences in studying proton polarization ii (d,p)-icactions M i) Skalun A II Strashyngkyi (lki fiz.zhui II no II 1255-1267 N

NUCLEAR REACTORS

- BN-350 and BOR fast reactors A.I.I cipunskii and others. Atom energ. 21 no 8 150-462 D 186
- Calculating temperature distribution in fuel elevents of water-moderated water-cooled power reactor G.V. Simutin, Atom energ 21 no 6 498-499 D 156
- Fuel elements leak control method for water-moderated water-cooled (WWR-M) reactors [F. Barchuk, D 1 Phipers Atom, energ 21 no. 6 511-515 D 166
- Random the moclastic stresses in wall caused by temperature fluctuations, M. Kh lbragimov, V. I. M. lov, V. I. Subbotin. Atom energ. 21 no. 6 513-511
- Studying water-moderated water-cooled reactor on basis of radiation circuit, A. P. Veschin, A. V. Nikitin, H. V., Orloy Atom, energ 21 no. 6 509-511 D 466

NUCLEAR REACTORS—MATERIALS

Effect of construction materials of core surface on activity of corrosion products. A. P. Vischkin, O. 15 Shakh. Atom energ. 21 no. 6 462-465 D. 466

NUCLEAR SPIN

- Offect of spin on quantum oscillations of galvanomagnetic coefficients in n-In5b Kh I Amirkhanov, R I Bashirov Piz tver tela 8 no 7:2189-2196 Jl '66
- Effect of target polorization on neutron magnetic scatter ing. V. G. Baryshevskii, L. N. Korenn 14 BSR 10 no 12:026-028 D '66
- leospin conservation and polarization effects 5,1), Bilen'kii and others, 1Ad fiz 1 no 51063-1066 N 188.
- Isotopic spin in theory of CP-orld werk interaction, 17 P. Shabalin IAd fiz 4 no 5:1037-1044 N '66
- Magnetic imputity levels in antiferromagnets N G Guselnov, III M Stidov Zhur ekspriteor fiz 51 no 4,1084-1089 O bo
- Spin-lattice relaxation and resonance absorption of ultrasound in crystales containing paramagnetic rons with singlet electron level R M Minceyo Liz (verteli 8 no 7:2222-2227 Jl '66
- Theory of resistance anisotropy in terromagnetic metals Vu-dinh Cu Zhur el sp. i teor fie
- Theory of spin-lattice relaxation of conduction electrons in strong electric field V P Kalashnikov tela 8 no 7 2130-2136 H '66
- Umisual electrodynamics of particle with spin 1/2 Golfdman Izv, AN Arm SSR Fiz 1 no 1 207-216 166
- Using method of irreducible tensor operators in calculating spin-Hamiltonian constants VV. Druzhinin. A A Kazakov Fiz tver tels 8 no 7;2228-2230 Jl '66

NUCLEL ATOMIC

- Characteristics of collective states of deformed nuclei in 176 (A \$160 region, M K, Kalpazhiu, P I ogel Izv. AN SSSR, Set. fiz. 30 no. 12,2025-2030 D '66.
- Coherent pairing fluctuations and collective 0+-excitation of nuclei S.T. Beliaev IAd, 11z. 4 no. 5 936-952 N
- Lifetime of 226 9 Key, level in Th155 nucleus, P. Bedroslan, A,S Ruchma, V,A, Morozov, 1Ad, fir no, 5:005-908 N '66,
- Patontial scattering of mean-energy nucleons by non-spherical nuclei, O. V. Rokhlenko, Uki, fiz. zbur 11 no 11 1167-1171 N 166
- Volocities of residual anciei in Ag and Br fission by 460 Mev. protons. B.P. Afanas'ev, IU.R Gismatullia, V.L.Ostroumov. IAd. fiz. 4 no 5 1002-1009 N '66

NUCLEI, ATOMIC-DECAY

- Decay of double hypernuclei with emission of 2-hyperons, V.A. Filimnov. IAd. fiz. 4 no. 5:1010-1015 N '66.
- NUCLEI, ATOMIC -- PHOTOE LECTRIC PROPERTIES Electric transitions of spherical nuclei, G.G. Rumatian, IAd 117, 4 no 5:920-927 N 466,

NUCLEIC ACID METABOLISM

- Age-related changes in the iron content in tissues and DNA preparations of white rate. B. I. Gol'shtein. S. G. Rud', L. L. Poliskova, Vop. med. khim. 12 no. 6;618 - 621 N-D '66.
- Changes in the nucleic acid metabolism in the mucesa of the small intestine following acute experimental radiotion sickness. I. N. Davydova. Vop. 1 adiobiol 4:179-
- Liffect of 8-azaguanine on nucleic acid content in organs of irradiated rats V.I. Svatkov Ukr biokhim zhur 36 no. 6 509-601 '66
- Effect of X rays on the metabolism of free nucleotides and on enzymes of the nucleic acid metabolism in Azotobacter agile 21-D. G. N. Zaitsova. A. N. Beloverskii Mikrobiologija 31 no.2:209-235 Mt -Ap '62.

- Enzymatic regulation of DNA biosynthesis in organism I* M Beliveva, V K Mizurik | 6-p 50-z biol | 62 no | 313-324 N-D | 466
- Pragmentation of liver DNA as related to animal a V V Heras mova B I Gol'dshban S H Red brokhim zhur 38 no 6 380-581 190
- Study of ribanucleic acid and protein metal clien; in nucleoli of mellusk encytes 1. G. Romanov I, L. G. Gazerian TSitologila 8 no 5-648-652 S-O '66

NUCLEIC ACIDS

- Antigenic properties of decystibonucleic acid of a tinoir ces B.P Matselmkh Zhut, nutrobiol, cpid a immun 13 no 11-21-24 N 66
- Characteristics of a region of DN I molecula interacting with antibodies AM Poverennys, T. L. Aleiniko a. A. Saenko Biokhireita 31 no 6 1150-1158 N-10 66
- Conditions of the formation of an artificial complex of i thomicleret with decays thomicle ic acid R N Kops los a -Sixi odova Biokhimila 28 no 2 353 -340 Mr - Ap 463 R N Kopy
- Content of micleic acids in the blood of children with blood diseases of G. Gradova, N. I. Shokina Vest AMA SSSR 17 no 10:52-54 '62
- Cytoage circophotometric and autoradiographic study of DNA mucht in most cells of long councetive tissue N G Khunchehov, N I Komatorich Dokt AN SSSR 171 no 2 468-470 N 466
- Prized of denervation and subsequent remnervation on nut let and content in functionally different muscles. T. IU, Shehesno. Uki biokhim shin... 38 no 6 602-608 '66
- Iffact of polyaccharule complexes on nucleic acid con-
- Pricet of polyagerhruic compress on nucleic activement in tissue's of indice with experimental tumor (Crohacit strain). I G Shiesser, IU V Galacy, P, P Finnteeva Ukr brokhim zhar 38 no 630-642 %6
 Fflort of ribonucleic acid and its mononucleotides on influenza infection under experimental conditions. E.1.
 Skitonskain, O P, Peterson Vop virus 8 no, 1489-192 JI-Ag 163,
- Firect of some minibitors on deproteinization factor for matton in much acapstd of smallpes vaccing wires V. M. Zhdanov and others. Dokl AN SSSR 171 no 2 171-172 N 46
- Information and ribosomal ribonucleic acids in the more menon and ribosomal ribonucleic acids in the chromosomal-nucleolar apparatus, methods of their separation and their nucleotide composition. G. P. Georgiev, V. I. Mantieva. Biorhimiis 27 no.5,919-953 S-O '62
- Inhibition of RNA synthesis in vitro by basic polypeptides
 V. G. Debabo", O. B. Astaurova, V. D. Davydov Biokhimita 31 no 6,1253-1256 N-D '65
- Inhibitory effect of normal cellular RNA on the multiplecation of viruses T.1 Tishonenso and others virus 8 no 4440-469 JI-Ag *63,
- Initial lonizing radiation damage of nuclear structures N B, Strazherskana, V, A Struchkov, G S Kalendo Radiobiologija b no 6:783-789 '86
- Mechanisms of radiation-induced degradation of DNA macromolecules in solutions BP typnnik, NI Right henko Radioblologi in 6 no 4913-415 66
- Mineralization of nucleic acid by sporeforming microorganisms M. T. Kvar atskielite, V. L. Beliaeva Mikrobiologija 31 no 2:216-220 Mr-Ap '62
- Mutagenesis induced by the action of chemicals on Isolated deoxyr honucleic acid and the transformation of batteria, S.E.Bresler, D.A.Perumov Biokhimita 27 no.5,927-937 S-O '62,
- Mutagenic and inactivating effect of hydroxylamine in dealing with infections R NA and native poliomyelitis virus III Z Gendon Vop virus II no 6:724-729
- Oxidation of succinate in the structural elements of Micrococcus lysaleitticus in relation todeoxyribonucleic neid and magnisium tons M. A. Lukoiunov , N. S. Geltman, A. I. Opa in Bickhimin 28 no 2,334-339 Mr - Ap 163
- Participation of RNA in the formation of enzyme-subranicipation of than in the formation of enzyme sub-state complex as affected by anylos, isome ase Petrova, R.D. Filippour, A.A. Kobzeva Biokhimlia 31 no 6-1979-1983 N-D '66 Plaques founding in swine embly a kidney cell culture infected with the charge encephalitic virus RNA. R.
- Desiatskova, O.G. Andzhaparidze. Vop virus no. 4:398-399 Ji-Ag *63.
- Possibilities of nucleic acid and promin symbosis at low temperatures. V.G.Grif. TSitologila 8 no 5:659-662 S-O '66.
- Preparative procedure for obtaining emitched preparations of antinoacy-t-RNA-synthetages from baker's yeast M. N. Ovender L S. Sandakhchtev Biokhimiis 31 no 6 H21-H26 N-D '66
- Radioprotective effect of bacterial nucleic acids and their derivatives following gamma in adiation of laboratory animals M A Tumenian and others Radiobiologica 6 no 5,712-717 '66,
- Relationship between properties of tRNA, acetylated according to 21-hydroxy groups of ribose, and modification degree D.G. Knorre and others. Biokhimita 31 no. 6:1181-1188 N-D '66
- Ribonucleic acid, ribonuclease and (2')3'-ribonucleotidase in endocrine and sexual glands of cattle, IA. L. Her-mantuk, Dop. AN URSR no. 7,917-920 '63.

NUCLEIC ACIDS (Continued)

Significance of pit buffer, activities orange solvent, for determining nucleic acid composition of viral inclusions by fluorescence interescop, method R M Bikoulstov Vop view 11 no 5 619-622 S-O '66

Some properties of information ribonucleic acids and their complexes with decesy thanne lete acids B.B. khesin, M.F.Shemiatin Biokhimita 27 no 5.761-

Study of genetic characteristics of epitheliotropic and my off opic strains of stomatitis aphthosa virus, viral ribonicleic acid and progen, of our slit bonicleic acid IU Z Gendon and others Trudy Most nauch rissl inst virus prep no 3 152-160 '65

Study of nucleic acids as stimulants of trachoma and paratra homa. Quantitative classacteristics of infection dynamics in over and nucleotide comparition of normal and infected toll memory may A A Shadyan > R.
Beskina, Vop vivos 11 no. 5589-393 S-O '66

Temperature -viscosity relationship or high polymer r frommelete held in insects injected with a virus-containing decryl ribonuclere and I P Kol. I. N Skurato-sykala Biokhumna 28 no 2 248-261 Vir Vp 463

NUCLEONS-SCATTERING

Potential scattering of mean-energy nucleons by non-spherical nuclei: O V.R khlenko - Uki 112 zhin - 11 no, li 1167-1171 N 166

Artificial complexes of high-polymenic ribonucleic artidonal source albumin V.S. Tongur and others. Biofizika B. no 5.513-9, 463

Chemical methods of synthesis of polynucleotules S. M. Zhenedarova, M 1 Shaharova Usp khim 35 no 7 1265-1276 31 '66

Effect of albonucleus acid and its mononucleotides on influenza infection under experimental conditions E. I Skitanskala, O P Peterson Vop virus 8 no. 4 489-492 Ji-Ag 103

Effect of X rays on the metabolism of free nucleotides and on enzymes of the nucleic acid metabolism in Votobac-ter agik 21-D G. N. Zaitseva, A. N. Belozerskii Mikrobiologiia 31 no.2;209-215 Mr-Ap '62

Information and ribosomal athonucleic acids in the chromosomal-nucleolar apparatus, methods of their separation and their nucleotide composition. G. P. Georgiov, V L. Mant'eva, Biokhimila 27 no. 5,819-957 S-O '62,

Problem of the biochemical code M.D. Frank-Kamenet-skii Biokhimiia 28 no 2:361-365 Mr-Ap '63

NUMBERS. THEORY OF

Illustration of using the theory of probability in the theory of numbers A N. Danilov Uch zap Ped inst Gerts 260 102-107 '65

A representation of zero differences and Stirling numbers of the first kind, V, 1, Shembel! Trudy Vych Isentia AN Graz, SSR 3 185-193 '62

Two proofs of Cauchy inequality between arithmetic and geometric means of system of nonnegative numbers, V.K.Dziedyk, Ukr.mat.zhur, 18 no.6 115-116 466

NUMERALS, WRITING OF

Let us improve the preparation of materials for the expert identification of writing of numerals Villrustova Rad pravo 29 no 12.76-78 D '66.

NUMERICAL CALCULATIONS

Mikhel'son, V.S. Elements of computer mathematics]
Elementy vychislitel'noi matematiki, Izd, 2,, perer, i
dop. Moskva, Vysshala shkola, 1966. 274 p.

NUMERICAL WEATHER FORECASTING

Approximation of two-dimensional meteorological fields under poor illumination of certain part of territory, K E Chernin Trudy AANH 277 51-57 'G6

Methodology of solution of exact equations of short-1 ange weather forecasting and problems of nonlinear adaptation of pressure and wind fields D. IA. Pressman Meteor igidiol. no 12:19-25 D '66.

Numerical forecast of II₅₀₀ field for following synoptic period and possibility of its improvement, IU, B Khrabrov, I. M. Zinovieva, Trudy TSIP no. 154:41-46

NURATAU-NIOBIUM

Distribution of nichim and tantalum in some gravitational massifs in northern Nuratau (western Uzbekistan).
O Kushmuradov Blul, MOIP, Otd. geol. 41 no. 4:152-153 Ji-Ag |66.

NURATAU-TANTALUM

Distribution of nichtum and tantalum in some gravitational messifs in northern Nuratau (western Uzbektetan).
O. Kushmuradov Biul, MOIP, Old. geol. 41 no. 4:152-153 JI-Ag 166.

NURSERIES-DESIGN AND CONSTRUCTION

Consolidated and unified buildings for kindergartens and nurseries. R. Smolenskaia. Arkhit, SSSR no 12 43-46 166.

Perspectives on designing of preschool children's institutions, K Luchina Arkhit, SSSR no. 12 17-48 466

DURSES AND NURSING

Safonov, A.G., ed. [Teythook for the training of nurses]
Uchchnoe posobie dila podgotovki meditsinskikh sester.
Moskva, Moditsina, 1966. 471 p.
(DNLM)

NUSIC, BRANESLAV, 1864-1938—BIBLIOGRAPHY see Bibliography—Nusic, Branislav, 1864-1938

Petrovskii, K.S. [Fundamentals of rational nutrition]
Osnovy ratsional nogo pitania Moskva, Zmante, 1966
47 p. (Narodnyl universitet Fakul'tat zdorov'la,

Role of the Himentary factor in the development of procure rous distists and gis-tale cancer. A 5 Shem-chuk. Klin onk. no 124-27 [65]

Determining the optimal parameters of capron knit-base tioth M.A. Alekscera. I'v vis wheb zav ,tckh leg piom no 5 127-131 '66

Effect of thermal and mechanical processing on the acid resistance of capron yann M.P. Nosov L. N. Pakhomova. Izv vys ucheb 'av , tekh leg prom, no 5 H-

Production of powders from nylon wastes, P. I Kapkova, L. S. Torle (Sknia D. I Riaboshtan Plast massy no. 9 31-31 '62

Studying the efficient method of thermal processing of parts made from polycaproductam O A Gunder, I, M Livshits, Plast massy no 9 21-26 462

Use of synthetic materials in manufacturing drift nets V 1 Tolmachev, A. I. Vinokurov Ryb kho. 42 no 52-54 | 66

NYSTATIN

Determination of butshydrosytolucic in nystatin, V.B. Korchagin, G.B. Lokshda, V.I. Nironberchik Antibiotiki II. no. II 1017-1049 N. 466

(see also subdivision under Central Chernozem Preserve)

Effect of gibberellin on English oak seedlings M.A. Guzeeva Biul Glav, bot sada no 63 89-91 (66.

Effect of soil moisture on the beginning and end of vegetation in seedlings of fruit plants and oak. III. L. Guzhev. Trudy Inst gen. no. 26 103-111 162.

Pffect of various grass types on growth and development of oak during its first years. G. M. Zozulin. Trudy TSenti. - chein, gos zap. no. 4:3-36 167,

OAK-DISEASES AND PESTS

Injury of aptent pay buds by gall midges Arnoldiota querous (Binnio) and Dasyneura dryophila (Rbs.). A. M. Shutiaev. Zool zhu. 45 no 114729-1731 '66

Facis of species formation in cats, G. N. Nedesheva Trudy Inst gen no. 26 16-21 162,

DISEASE AND PEST RESISTANCE see subdivision under Maritime Territory

OB' BAY-FISHES-FOOD

Peeding habits of Coregonus mukeun (Pallas) and Acerina cernua (L.) from Ob Bay I. N. Brusynina. Prudy Inst biol, UFAN SSSR no. 49,55-64 '66.

OB' BAY-SMELTS

Materials on morphology and ecology of Osmerus oper-lams denter Steind from Ob Bay, A, Z, Ametislavskii, Trudy Inst. biol UFAN SSSR no. 49,3-16 '66,

OB' VALLEY-DRIDGES-DESIGN AND CONSTRUCTION Suspended construction of spins 127, 1 m. long. IU.A. Chudnovskii and others, Transp stroi. Il no 12 19-22

OB' VALLEY-HYDROCARBONS

OB TABLE 1—ILLECTRICATIONS
Composition and some characteristics of distribution of hydrocarbonic gases in Mesozoic sediments of Ob-litysh interfluve, based on mud-logging and well-testing tesulis P.I Cherennykh Gool i geofic no 9:143-

OB' VALLEY—QUAILS

Biology of the quall in the upper Ch' Valley. A. P. Kuchin Izv Alt old Geog ob-va SSSR no 3:70-71 $^{1}63$

OB' VALLEY-QUARTZ

New deposit of quartz raw materials for glass and caramte industries in Western Siberia, V.V. Peskov Stek, i ker. 23 no.11:29-31 N '66,

OBESITY see Corpulence

OBRUCHEY, VLADIMIR AFANAS'EVICH, 1863-1956 Academician Vladimir Afanas evich Obruchev; on the centenary of his birth. K. I. Satpaev. I I. Bok Lzv. AN Kazabh SSR Ser. geol. nauk no 6.3-6 '63.

OBSTETRICS

Perryi Moskovskii meditsinskii institut. [Methodological elaborations of practical studies of obstetries and genecology on therapeutic and sanitary-hygicale faculites] Metodicheskie razraboliki prakticheskiek zunlatii po akusherstvu i ginekologii na lechelmom i sanitarmogigienicheskom fakul⁴tetakh, Moskva, 1966, 160 p. (DNLM)

OCCUPATIONAL DISEASES

Occupational diseases of the akin caused by wearing ride of gloves. K. A. Lopukhova. Pkaper khir Lanest. 8 no 6 59-60 M-D 61

OCCUDATIONS

Changes in the occupational composition of the industrial workers for the U.S.S.R. IN Vinogradov. the rap, I.GU no 243-3-21-760

On the problem of changes in workers! occupational composition in the industry of the U.S. S. R. T.S. Lapidus. Trudy lak un. 40.95-100. 465

OCEAN-MAPS

Accuracy in compiling map, of occanographic elements. IU V Nikolacy. Trudy AAMI 277 138-110-166

OCEAN BOTTOM

Combined study of the sea bottom in shallow waters unity attornethods V.V. Shartov, Z.1 Gurleva, K. M. Petrov Trudy Osean, kom. 14(61-68-16)

Observations over the surface of the sea bottom for geological purpose. D. P. Gershanovich, Trudy Osean, Rom. 14 109-115. 262.

Results of the direct study of the bottom relief of the geomorphological research, P.A. Kuplin, A.S. Isala Trudy Ocean, Kom. 11 15-62 162

OCEAN BOTTOM-OSCILLATIONS

La Coste and Romber g gravimeters for sea observations E. I Antoniuk Neit i gaz prom no 3:76-17 Jr-5 '67

OCEAN CURRENTS

(see also subdivision under Atlantic Ocean)

Treulation of waters over sharp break of sea hotten, IU.G. Ryzhko., Trudy Morgldroffz, list. AN 1933 37-92-105-166.

Determining the drift velocity and direction with the sounding lead. N. F. Kudriavisev, G. V. Gordienko Probl. Arkt. no. 1/21-34-159

Dynamic effect of atmospheric pressure disturbance on an autrents SS Lappo Dokt AN SSSR 1/1 no 5-1088-1091 D 168

Effect of initial conditions of transformation of non-c charactaristic surfaces in varittal mixing of water masses. N.P.Bulganov. Okeomologija 6 no.54750-460 '66.

Precting a radio beacon on a raft. A S. Denisos, J. V. Bulatov. Probl. Arkt. no. 7:125-126-150.

Recent data on equatorial currents in western part of Pacific Ocean. V. O. Kort. V. A Burkov, K. A. Cl. P. tillo. Dokt AN \$55R 171 no. 2-337-110. N. 46.

Stokes current an one of causes of storm floods, R. Y. Ivanov. Trudy Mor. gldroffz, inst. AN URSR. 37:498-105.

OCEAN TEMPERATURE

(ace also subdivision under Atlantic Ocean) Circulation of waters over sharp break of sea bostern, IU. G. Ryzhkov - Trudy Mor, pidroftz, Inst. AN URSR 37-92-105-166.

Development of theory of 1-5 curves for semilinite according to depth of ocean. O.I. Marnacy (1994) Mer gidroftz inst AN URSR 37 HI-15J (6)

Direct recording of seawater temperature gradient. A.G. Voskanian, A.A. Pivovatov, G.G. Khandzbi. Okeanologija 6 no.5:381-885 '66

Effect of water temperature and abundance of some for ling species on their growth dynunics. C.A Rogdon ... S.S Fedorov, Ryb. khoz 12 no 11:8-10 (60

OCEAN WAVES

(see also subdivision under Atlantic Ocean)

Backscattering of centimeter radio waves by agitated sea surface at small glancing angles - A I Kalmykov and others - Izv vys ucheb zav , radiofiz - 9 no 5-1005 -1000 '66

Constituents of energy balance during irregular ser-waves. L.A. Korneva, Trudy Mor. gidroftz, inst. AN URSR 37.107-117 '66.

Length of internal gravity wave of tidal period in sen. B.A. Kagan. Okennologiia 6 no.5:747-751 66.

Maximally developed ocean waves, L. A. Korneva, V. Liverdi, Trudy Mor. gldi oftz, inst. AN URSR 37-118-124 466,

Specific nature of wave motion of fluid and its consideration in sea wave theory, V.K.Shtenteel', Okaanelegita 6 no.5:900-905 '66.

Study of thermal structure of Gulf Stream frontal zone. E.I. Baranov, M.A. Shmatko, Okeanologija 6 no.5; 770-775 '06.

Tendency toward twenty-seven-day frequency in temperature field of troposphere, R.V. Smirnov. Trudy Mar. glda offz. inst. AN URSR 37:163-168 166.

Waves in typhoons; outline, A. P. Khyan, Trudy Mor. gidrofiz. inst. AN URSR 37:125-133 *66.

OCEANOGRAPHIC INSTRUMENTS

- Ffrect of the inclination of the measuring tube on the records of the fatents open and tide gauge. Is D. Diron Probl. Art. no. 7/127/131 [19]
- Photometer to studying spectral functions of attenuation of fix a listion in Sect. G. S. Karabashey. Obcanologija 6 no 5:886-891 66

OCEANOGRAPHIC INSTRUMENTS-DESIGN AND CONSTRUCTION

Principles of the construction of submarine surveying apparabis 24 162 3 V Zolotov Trudy Okean kom 11/21-29

OCEANOGRAPHIC RESEARCH

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Accuracy of the computation of some values met in occanopraphy f N Dvorkin Probl Arkt no 7 (5-42 (5))

Activities of national oceanographic data centers A.N., pide Lenko Okeanologiia 6 no 5 017-019 96

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Present status of and prospects for the development of submarine research B.P.Manterfelt Trudy Okean sum 14 7-12 to 2

Section of Summarine Research of the Oceanographic Commarasion of the Academy of Sections of the U.S.a. R and its problems. O B Mokievskii. Trudy Oke in som. 115-b 162.

What the scientists of the Polai Scientific Research Institute of Fisherius and Occinography are doing. A A Mekseev. Ryb khor. 12 no.11 2-3 460

OCEANOGRAPHIC RESEARCH SHIPS

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Requirements to a submarine research boat. O. A. Sokodov. Triady Okean kom. 11 116-129, 462

OCEANOGRAPHIC RESEARCH STATIONS See subdivision under Black Sea, Greenland Sea

OCEANOGRAPHY

I Specimental study of photic field in turbal media, V.A. Timofecca, Prudy Mor, guirofe, mst, AN URSR 37 20-

I evel fluctuations of emith's reserviors in recent geologicv(1) incumations of entury (centry) in (centry) cal past Part I of P Kalinin, K K Markey, I A Suctions Okeanologias 6 no 5.737-716 '66.

Decan in service of man, D. G. Cushing, Priroda 55 no. 12 28-41 '66

Some results of study of natural electric field in sca, V.I. I optimize. Trudy Mor. grdrofiz, inst. AN URSR 47,1:4-162-166.

Use of frequency analysis for studying internal struc-ture of natural climatic surfes. N. L. Volttsinger and others. Frudy AANI 277,147-157 466

OCEANOGRAPHY-CATALOGS

[Catalog of oceanographic data received by the World Data Center B1] Kat dan po okean. July-Dec. 1965, Jan. -June 1966, Publ. '66.

OCTANOL

Ostanol method of preparation and catalytic properties of neety leholinesterage from erythrocytes of warm-blooded animals. A P Breatkin D I, Pevzner Biokhanifa 31 110 6:1174-1180 N-D '66

ODESSA-ADRONAUTICS-STUDY AND TRACHING

That steps along the starry road V. TSvetkov Kryl rod 17 no 9:18:19 5 '66

ODESSA-CHAIRS

Organization of the production of the bent and glued elements of chairs at the Odessa Vencoring and Furniture Association MS Dobratans'kyi, 1 A Blanter, M H Cherkas Lishosp, lis, pap i deprend no 6 8-11 N-D '66

ODESSA-FURNITURE INDUSTRY

Meeting of the shock workers of communist labor and efficiency promoters. Bum, i der, prom. no 3.57 Ji-5 162

ODESSA-HEALTH RESORTS, WATERING PLACES, ETC. Belen'kii, M.S., B. P. Turko, and G. I. Shpil'berg. [Health resorts of the Odessa resort area] Zdravnitsy Odesskogo kurorinogo raiona, Izd. 2., ispr. i dop. Kiev, Gos. med. izd-vo USSR, 1902, 109 p. [MICROFILM]

ODESSA-REVOLUTION, 1917-1921

Against the truth. V.F. Vasiutin and others. Ist. SSSR 10 no. 6.215-215 N-D 466.

ODESSA-SHOE INDUSTRY

Experience in the organization of production management in the Volovs'ky Clothing Factory of communist labor.
N. I. Katsnel'son. Leh. prom. no. 2.81-87 Ap-Je 162.

ODESSA—TEACHERS, TRAINING OF Determination of professional fitness of applicants to pedagogical institutes. R I. Kinneliuk Sov pedag 30 no 5:103-108 Jc ¹⁶⁸

l'or teachera and parents. N.I.Driakhlov. Vest.vys. shvoly 21 no 12-56-58 D 466

ODESSA-TRANSPORTATION, AUTOMOTIVE-MANAGEMENT

Whising without accidents in our automotive transporta-tion unit. P. Sukhanov, B. Vasilles. Avt transp. 41 no. 12 17 D 166.

ODESSA-WAGES-AGRICULTURAL MACHINERY INDUSTRY

Material incentives for workers, IA Gulinskii, N. Kurdiu-kova, Plan khoz, 43 no. 1,35-38, Ja. 167,

ODESSA, BATTLE OF, 1941

Poliakov, S.P. [The Odessa bastion] Bastion - Odessa. Odessa, Maiak, 1966 249 p

ODESSA PROVINCE-LEPTOSPIROSIS

Leptosph osia in Odessa Pro-Ince A. I. Burov. V. P. Kozlora Zhur mikrobiol - epid i merum 43 no Il 115-116 N '66

ODESSA PROVINCE—RURAL CONDITIONS

Country ways and roads, λ , Podmogiffnyi. V mile knlg 6 no 10 20-24 O 166

ODESSA PROVINCE-SOCIAL GROUP WORK

A propagament is the educator and organizer of the audience N Bahm, Komm, Uki 41 no 1.54.58

ODESSA PROVINCE—WORLD WAR, 1939-1945-UNDERGROUND MOVLMENTS

Zolov, M.I. [In defiance of death] Naporekii smertl. Odesa, Maiak, 1966, 132 p.

ODONATA see subdivision under Altai Mountains, Biysk region, Kulunda Steppe, West Siberian Plain

ODOROUS SUBSTANCES

Behavior of odor ous substances in toilet soap, V P Osipova and others Trudy VNIISNDV no 7 90-95 '65,

Diene synthesis in preparation of odorous substances, Report No 2 Synthesics on the basis of aliphatic terpene hydrocarbons, N I Skyortsova, G V Mcleshima-Ko-stink A V Gurevich - Prady VNIISNDV no 7 32-35 '65

Odorous substances from alkylphonols. Part 12: Synthesis of odorous substances from cyclocotyphonols. A.S. Podberczini, I. A.Nheifits. Zhur org khum. 2 no 11 Podberczini, L. A. 2015-2048 N. 166.

Odorous substances from meativi oxide and aromatic hydrocarbona, preliminary report G F Syadkovskaia A, I, Platova Trudy VNIISNDY no 7 35-38 65.

Perfumery properties of some new synthetic odorous substances Report No 2 E.S. Kabosham, A.G. Livshita, V.P. Osipova, Trudy VNISNDV no 786-80 65.

Synthesis of myreene-based odorous substances. N. I. Skyortsova, I. P. Erlikh Trudy VNIISNDV no. 7 69-

Synthesis of new adorous substances hom condensation products of camplene with vylcuols. G I Moldovanskaia L A Kheifits G.P IPina - Frudy VNIISNDV no 7 51-54 163

ODOROUS SUBSTANCES-DRYING

Study of drying of some crystalline odorous substances in a fluidized bed. A. E. Ogarey, T. A. Krasokina, L. V. Krylova, Trady VNIISNDV no 7 124-129 165.

OFFENSES AGAINST PROPERTY

Kalmykov, IU Kh. [Compensation for damage done to property] Vozmeshchenie vreda, prichinennogo inu-shchestvu. [Saratov] Izd-vo Saratovskogo univ , 1985 70 p. (CSt-II)

OFFENSES AGAINST SOCIALIST PROPERTY

In the Office of the Public Prosecutor of the U.S.S.R. Sots, zakon. no 11:85-86 N 166

Kriger, G.A. (Struggle against misappropriation of boclatist property) Borba s khishchenitami sotsialisticheskogo linushchestva. Moskva, IUrid. lit-ra, 1965. 328 p. (CaOTU) (MH-L)

OFFICE BUILDINGS-DESIGN AND CONSTRUCTION Exhibition of newly designed offices Mont i spets rob. v stroi. 25 no 8:20-30 Ag '63.

Problems of standardization in planning of administrative and office buildings in foreign countries D Kopellan-skii Arkhit SSSR no 7:01-63 '66.

OFFICE EQUIPMENT AND SUPPLIES

International exhibition "Interorgtekhnika 166," Arkhit. SSSR no. 12:60-61 166.

OFFICE MANAGEMENT—COST CONTROL Staff problems, I.Irinin, Fin. SSSR 40 no. 11:76 N 466.

OFFSET PRINTING

Climatic conditions and the copying process in the making of offset plates. T.D.Chulkova, Poligr, proizv. no. 9, 19-21 S '63.

Offset plate on hydrophilic paper. E. I. Sluzhitel'. Poligr, proizy. no. 9 27-28 S '63.

OHMMETER

Devices for measuring the grounding resistance of power line poles without disconnection of the overlead were S M Popov | Diek sta | 37 no 11,68-72 N '66

fir Fight Tackets and the Apsheron Peninsula, At tem Island Oil Field, Curpathian Mountain region, Kala Oil Field, Ramany Oil Field, Surakhany Oil Field, Zyrya Oil Field)

Dependence of the chemical composition of reservoir waters on the lithology of the surrounding rock, T. I. Samedov, A. R. Akhundov, M. Z. Rachinskii, Azerb. nert. khoz. 12 no. 5·3-7 My 163.

Problem of a cone of bottom vater in an inhomogeneous stratum V A Karpychev PMIF no 3 105-108 My-Je 162

Tkhostov, B.A. [Initial reservoit pressures and geo-hydrodynamic systems] Nachallaye plattove davlenia i geografrodinamicheskie sistemy Moskva, Nedra, 1966. 267 р

OIL FIELD BRINES-ANALYSIS see subdivision under Kura Lowland

OIL FIELD LUOODING

(see also subdivision under Apsheron Peninsula, Balakhany-Sabunchi-Romauv Oil Field, Dolina Oil Field, Karachukhur Oil Field, Kyurovdag Oil Field, riem, Karachukhur Oli Field, Kyulovdag Oli Fiel Mishovdag Oli Field, Pokhrovka Oli Field, Sura-khany Oli Field)

Bottom water cones in oil and gas fields. B.B.Lapuk, I.A.Trebin, S.N.Zakitov. Neft, khoz 41 no 9 30-38 S 453

Comments on the article by M. L. Surguchev "Methods tor excluding reservoir waters," 10, P. Kishiakov and others. Neft khoz. R. no 9:55-60 S 103

Dependence of the cost of mechanized petroloum production on the degree of water encroachment V A, Shein, IA, M Zeiger Pkon neftedob, prom no. 5 22-25 166 Determination of degree of clogging in bottom zone of injection velt. V.G. Ishkianov. G. K. Marredov. Azerb ncil khoz. 45 no 9:22-21 5 '66

Displacing oil pool edge by edge water flooding - V. G. Kafichev Geol nefti i gaza 10 no 11,41-45 N 166

Dynamics of Hooding of wells in betet ogeneous inclined layer. A Kh Gasanov. Lee AN Azerb, SSR, Ser, nauk o zem no, 1 107-115 '66.

Priect of flooding on the capitlary water flooding of oil

A Sh Asado, Azerb neft thos 12 no 7 31-30 J1 63

R.M Efendiev Izv AN Azerb SSR, Ser, nauk o zem no 4 69-95 '65 Encroachment of water in oil wells in combined flooding.

Estimating conformance factor by withdrawal and injection along recovery and injectivity profiles A. A. Glazkov, R V. Shorokhova. Nefteprom delo no light-

Experience in utilizing formation and drainage waters, and preparation of water for flooding A A Shakh-nazarov Nefteprom delo no 12,26-33 466

IU. V. Zheltov and others. Nefteprom delo no, il 6-11 Increasing oil recovery by injection of thickened water.

Periodic water flooding of oil from drowned reservoirs Z.F. Rabekov, V.S. Avanesov, K.V. Bondarev, Azerbneft khoz, 42 no 7-28-30, H *63

Some results of all flooding in layer with lens-shaped inclusions. A. I. Asadov, I. A. Safarov, N. D. Tahlov, Izv AN Azerb SSR Ser, nauk o zem. no. 1:84-88 '66.

OIL FIELD FLOODING-MODELS

Some problems relative to increasing oil recovery from nonuniform layers during flooding O F Mart V M Ryzhik, Nefteprom delo no 12-3-6 % O F Martyntsiv.

OIL FIELDS see subdivision under Siberia, Eastern

OIL FIELDS-EQUIPMENT AND SUPPLIES (see also subdivision under Fergana Valley)

Efficiency of mechanized build-up welding of parts of oil field equipment. IA, M Kershenbaum, N. A. Prok-horov, Mash, i neft, obor, no. 9-18-21 *66.

OIL FIELDS-FIRES AND FIRE PREVENTION see subdivision under Surakhany Oil Field

OIL FIELDS-PRODUCTION METHODS see Petroleum

OIL INDUSTRIES see subdivision under Ukraine

OIL INDUSTRIES—EQUIPMENT AND SUPPLIES (see also subdivision under Zaporozh'ye)

Mechanization of fat removal from the fat catchers. N. I. Okrugov, Mast. - zhir, prom. 28 no. 8:37 Je 162.

OIL RESERVOIR ENGINEERING

(see also subdivision under Bibi-Eybat Oil Field; Dnieper-Donets Lowland; Dolina Oil Field)

Certain problems in miscible displacement. L. I, Sultikov. Neft, khoz. 41 no. 9.38-43 8 163.

Determining the reservoir parameters when testing walls with high bottom pressure and temperature, K.G. Bagirov Azerb, neft, khoz, 42 no. 3:20-22 Mr '63.

OIL RESERVOIR ENGINEERING (Continued)

- Firect of output flo on well head temperature and intensity of paraffin deposition in flowing wells. B. Suchlos, A. M. Kielma. Nafteprom delo. in 11 15-19
- Nature of the motion of a gas-oil mirrure in floring no. 5-27-29 My 'bd.
- Rootstationary astrongeric fluid flow in layer with Fernicable foot MA Guiros Azerb neu khoz 45 no 12/21-23 D 466
- Pilatovskii, V. P., [Fundament is of hydromechanics of a thin formation] Osnovy giddomicknankd tonkogo plasta, Moskva, Nedra, 1966, 316 p.
- Plotting the curves $K_{2h}(\sigma)$ and $K_{g}(\sigma)$ from the data of hidrodynamic in explications of other BA Ordelines, N Sh Sh levol. Areth first Phop. 42, no. 7, 34-36. N Sh Si J1 '63

OIL SANDS-PERMEABILITY

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OTL WELL CASING

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- Analytic method for determining the place to install centralizers on a casing string then lowering them into a slant hole. D. M. Makhawdor and others. Azerb. ieft, khoz. 42 no. 5:17-20 My [6].
- Calculation or production casings in filter zone of sand producers A 1 Mamedo. Azerb neft khoz 45 no 9-24-25 5 166
- Determining the pressure on a casing string resulting from expanding gases on bullet valley perforation. M. Gusennov, A. A. Mamedo. Azerb neft khoz. 42 no 7 20-33 J1 '63
- Effect of local external flows on casing slack V. I. Gri-gorlev and others. Reft khoz 11 no 9 9-13 S '63 Hydraulic investigation of the conditions involved in the lowering of a drilling tool and casing strings. A. A. Moxanov, G. T. Qasanov. Neft those 11 no 9 13-16 S '63
- Hydraulic investigation of the lowering of cosing allings and "talls" A A Movemmov and others. Azerb neft
- Potentials for economizing on casing strings in oil vell drilling, R. A. Ashurov. Azerb. neft, khoz. 42 no.5' 44-45 Miv '63.

OIL WELL CASING-WELDING

Economic efficiency of reinforcing wells with weld joint casing M S Gadzhies and others Burenie no. 12 n-11

OIL WELL CEMENTING

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- Analyzing the cinciency of exclusion work carried out in the Petroleum Trust Administration named for 25 Boku commissist S.D. Salaniov, Azerb, neft, Phoz 42 no. 5:30-32 My '63.
- Effect of carboxymethylcellulose on the gas-permeability of hardening coment sturries E h Machinst II, V, IU. Zobs. Neft I gaz prom no 1,38-41 Ja-Mi 163.
- Hydraulic calculation of the connection between cementing equipment and wellhead using manifold block A. C. Seidli, V. G. Shullga. Mash i neft obol no 9 15-18
- Lightened cement-glue slurry, K. A. Vagdasarran,
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- Standardizing the strength of plugging cements, G.M. Sarkisov Neft, khoz 41 no 9 21-24 S 163
- OIL WELL CEMENTING-SAFETY MEASURES Andreev, N. M. | Safety engineering in oil well comenting| Tekhnika bezopasnosti pri tsementirovanti skvazhin. Moskva, Nedra, 1966. 82 p.

OIL WELL COMPLETION

(see also subdivision under Gnidin Oil Field) Necessity for hermette sealing and suspending heavy incres of intermediate casing. M A, Abdullaev, F. G. Khaime. Azerb neft khoz 45 no. 12 15-17 D 166.

OIL WELL DRILLING

- (see also subdivision under Carpathian Mountain region; Daghestan; Dolina Oil Field, Neltyanyye Kanni Oil Field, Tuymazy Oil Field, Tyumen' Province
- Change in the hydrodynamic pressure at the woll wall
- Change in the hydrodynamic pressure at the woll woll during holsting and lowering operations depending on temperature conditions. F. A. Shishaltev, M. A. Abdulinev. Azerb neft khoz. 42 no 7 18-20 Jl 163. Concerning the efficient positioning of centering guides in casing taking into account the deviation of the hole A. B. Gassnov, R. I. Medvedskii, A. Z. Efendev. Neft khoz. 41 no. p.18-21 S. 193.
- Effect of eccentric of drill pipes in well on hydrodynamic pressure in round trip operations. G. T. Gazanov and others. Azerb, neft, khoz. 45 no 12-11-13 D 160.

- Energy capacity of crushing process of rocks in diamond drilling A G Kerimov, IU, V Sadykhov Azerb neft khoz 45 na 940-12 5 '66
- High efficiency of diamond bits. E. Skomorokhin, Neftianik. 11, no. 11, 11-26. N. 166.
- Joining short drill pipes by welding, G. P. Kirichek, Azerb neft thoz 12 no. 5.43 My 163
- Mean integral rate of a bit jet and reflux in well drilling, AF Kulley Dokl AN Averb SSR 18 no 4:19-22 '62 New data on the problem of recovery of drill cultings D M Dzhavadov, G G, Gasano, Azerb neft khoz no o 14-16 S '66
- Optimal lowering speed of a dilling tool, G. M. Shakhmallev, IA. A Grudnov, R. M. Kogan, Azerb neft thos. 42 no. 3:22-25 Mr. 6.3.
 Piping manifold of SGG-2 V2B combustible gases warning
- unit in gas drilling. G. S. Gazarian, A. A. Kiselev, K. M. Rhachaturova. Mush i neft obor no 9,10-11 '66.
- Position of whipstock in relation to well bore in slint
- Position of wingstock in relation to well here in strint hole 14.6, Mimedov Azzib, nell khaz 45 no i2 13-15 D 466, Structural and prospecting problems should be resolved simultaneously for slim wells V, I ZhPierman Nett i gaz prom no 3-29-32 Jl-S 463
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- Establishing factory prices for bits; a topic for discussion, B.A. Kolmogoritev Neft bloz. If no 9.5-+ S '63 her casing the efficiency of drift collors F P kirichek Ncft 1 gaz prom no 3,67-68 JI-S '63
- Lowering and cementing 5 3/1" production string equipped with wire scrapers M.I. Agapthev. IU. M. Novivo. Neft i gaz piom, no. 1 36-39 Ja-Mi 163
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- New oil well drilling tool. Azerb. neft, khoz. 12 no. 5-48 My 463.
- I-6 single-spot inclinometer. N. A. Rudenko. Neft, i gaz. prom no 1:73-74 Ja-Mi 161,
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- Comment cful test of a new reagent in the drilling of wells under complex conditions. A. N. Rauneva, O. V. Duobinisk. Neft i gaz. prom. no. j.40-41 Ja-Mr '65. Betermining pressure losses in the motion of weighted clay muds. M. A. Abdullaev, IA, M. Raslzade, S. G. Gurbanov. Azerb. neft, kinz. 42 no. 5:10-12 My '63.
- Graphic determination of the diameter of the circulation opening of a bit and the holsting smeed of drilled-out rock particles depending on the amount of the circulating drilling fluid, G.V. Gabuniia, G.E. Karasik, Azerb.
- neft, khoz., 42 no. 5;15-17 My 163.

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- Hydrocyclon units designed in the Azerbaljan Scientific Research Institute of Oil Machinery for drilling. A Daniellan and others Azerb, neft, khoz. 42 no. 3; 41-43 Mr 'C3.
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- Continuous hydrogenation of fats with intensive mixing K A. Zhubanov and others. Trudy Inst. khim. neuk AH Kazakh SSR 14,129-158 166
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- Hydrolysis of oils and fats at high temperatures in the presence of alkali catalysts M.P. Benplatov, V. f. Polstland Masi -/hir prom. 28 no. 6 H 1/ Je 162
- Mechanical properties of Russian leather processed with synthetic oiling materials. IA, I Posicia IV vys., ucheb 7av., tekh leg. prom. no. 5-54-63 '66
- News from the factories. Mast, -thir prom. 26 no. f.
- OILS AND FATS-RESCARCIT see subdivision under
- OKA-DON LOWLAND-GEOLOGY, STRATIGRAPHIC Geological age of the Yergeni strata of the Oka-Don Lowland, M.N Grishehenko, Trudy VGU 61.112-116 165.
- OKA TERRACE PRESERVE-PARASITES-MOOSE Heiminih infestation of moose in Oka Terrace Preserve. V.G. Gagarin, N.S. Navarova, Biot. I prom. losia no. 2;210-230 '65,

OKA VALLEY—ANTIQUITIES

Burial mounds in Ryazan Province and the Oka Valley. V. V. Sedov. Sov. arkheol. 10 no. 4:88-164 188.

OKA VALLEY—STONE AGE

The "Vyselki" campaite, the Neolithic period in the castern part of the Volga-Oka interfluxe V V Federov, V P.Trettakuv. Sov. arkheol. 10 no 1,105-115 '66'

OKHOTSK SEA REGION-GEOLOGY, STRUCTURAL

Recent vertical movements of northwestern shore of Sea of Okhotsk D K Zabelina Okeanologica 6 no 5 830-H34 166

OKHRYMENKO, PETR FEDOROVYCH

"Translated by Petro Okhrymenko," Nikolai Romanika Sov Uhr. 12 no. i 101-110 Ap '62

OL: ANDREI ANDREEVICH, 1883-

A. A. Ol', architect. A. Gegello. Arkhit SSSR no 7:53-

OLD AGE

Rubakin, A.I. [Praise to old age] Pokhvala starosti.

Moskva, Soverskala Rossiia, 1986 266 p.

OLD AGE HOMES-DESIGN AND CONSTRUCTION

Design of a boarding house for the aged. Arkhit. SSSR no 7 57-58 '63,

OLD AGE PENSIONS

Important problem of social insurance, A. Batygin Sots olicap 41 no 12 17-48 D 166

Older Fixe Chemistry of β-bromo-β-nitroalkenes. Synthesia of substituted nitt callenes, nitrocyclopropanes, nitro-ditydrofurans, and pyrrolines. O. I. Urchicko and others. Dokl. AN SSSR 171 no. 5.1123-1125 D '66

Effect of solvents in the reactions of olefin halogenation 1 V Bodi ikov, Z S Smolian, G A Korchagina Zhui VKHO II no 6:708-709 '66

Fquilibrium in reactions of the molecular dispreportiona-tion of alkanes and alkenes with the formation of alkyl adicals V. A. Ulitskii. Neftekhimiia 3 no 5 655-658 S-O '63

Interaction of alkene oxides with hydroxyl radicals. G.A. Razuvaev, V.S. Ettis, E.P Beshenova. Zhur.org khim. 2 no 11 2041-2045 N '60.

Kinetics of reactions of saturated hydrocarbon polymers initiated by peroxides R Rado Vysokom, seed initiated by peroxides R Rado 4 no 11:1716-1751 N '62

ott. B.S Grinenko, M.M. Prokopets Neft, i gaz.

prom. no 1:54-56 Ja-M1 163

Orientation of free radical addition to 1-aikenes, G.I. Nikitin, M.G. Vonogradov, R.V. Kereselidze Zhur, org. khim. 2 no 11-1918-1923 N '66.

OLENEK VALLEY—ALLUVIUM

Alluvial formations in the cross section of Cictaceous roal-bearing sediments in the lower reaches of the Lena and Olenek I.I. Vashchenko, Izv vys. ucheb 2av , geel i razv. 6 no. 6 45-54 Je 483.

OLFACTORY NERVE

Ultrastructural organization of olfactory cell hairs in bony fishes. A.A. Bronshtein, G.A. Piatkina. TSitologiia 8 no. 5-642-645 S-O '66.

OLEGOCHAETA see subdivision under Kura River

Lymphatic capillaries and vessels in the milk spots of the greater omentum of man. A V Borisov, Arkh anat, gist Lembr 44 no.3,115-120 Mr 163

OMOLON VALLEY-ROCKS, IGNEOUS

Middle Paleozole magmatic cycle of the Omolon Massif and the western part of the Chukchi folded system. G.K. Klashchov. Taudy VGU 63,70-84 '65.

OMSK-CHEMICAL PLANTS-DESIGN AND CONSTRUCTION

What the constructors of large-scale chemical industry need. V. Stepanov, IU. Glebov. Na strol. Ros. 4 no. 10;0-16 O 163.

OMSK-PRECAST CONCRETE CONSTRUCTION Efficiency of assembly-line construction. L. Zamiatin. Ekon, stroi. 8 no. 12:33-34 D 166.

OMSK-TELEVISION AND CHILDREN

For the children of Omsk. E. Ziabkina. Sov. radio i tel. 8 no. 3:10 150.

OMSK PROVINCE—BRUCELLOSIS

Natural foci of brucellosis in Omsk Province, F.S. Loginov, Shor nauch, rab, SibNIVI no. 11,83-87 '62

Problem of the epizootiology of brucellosis in Omsk Province, F.S. Loginov, Sbor, nauch, rab. SibNiVI no. 11-55-66 '62.

OMSK PROVINCE—CALVES—DISEASES AND

Veterinary bygione measures as the basis of the prophylaxis of bronchopneumonia in calves in the summer. P. T. Lebedev. Shor. nauch, rab. SibNIVI no. 11:220-228

OMSK PROVINCE-EDUCATION, PRESCHOOL

Educational lectures" in Omsk Province. L. Churilina, N. Babkina Doshk. vosp. 39 no. 12,82 D '66.

OMSK PROVINCE-FOOD INDUSTRY

Local resources and the supply of goods, V. Zolin, Sov polick koop 10 no 12 6-8 D '66

OMSK PROVINCE-FUR TRADE

Local resources and the supply of goods, V Zolin Sov. potteb koop 10 no 12 6-8 D '66

OMSK PROVINCE-PARASITES-CATTLE

Materials on the infestation of cattle by the larvae of warble flues in Omsk Province, G. f Getta Sbor, nauch 12b SbNIVI no 11185-188 '62

Unforced feeding of weak solutions of chlorophos in con-trolling the warble fly infestation of cettle. Report No. 2 G.I Getta Shor nauch rab. SibNIVI no 11 189-190

OMSK PROVINCE—SWINE—FEEDING AND FEEDS

Problem of the effect of meal from nine needles and ultraviolet radiation on the development of young pigs and their resistance to discasses B I Kondaurov St nauch 18b SibNIVI no. 11 235-236 '62

ONCOLOGY

Clinical encology abroad. V N Demin. Khirungiia 42 no 11 140-14 i N $^{1}66$

Computative study of examination schedules of oncological patients in 1952 and 1962. G. I. Ivakhno, I. N. Gustuser. Klin onk. no 1 224-229 465

Latvijas Padomju Socialistikas Republikas Zinainu akademija. Mikrobiologijas instituts. [Vituses in oncology] Virusy v onkologii. Riga, Zinaine, 1066 353 p. (DNLM)

Oncological aspects of immunological endocrinology, V.M.Dil'man, B.N.Sofronov, Vop.onk, 12 no 11-109-117 '66

Organization of oncological service on Odessa-Kishinev Railway, I. M. TSukerman, Vop onk 12 no 11:101-103

Radioactive iodine and semtigraphy test for the determination of the functional state of the thyroid gland in oneological patients, T. N Khitskala, Klin onk no. 1 209-214 165

Some characteristics of anosthesia in oncological clinic, I. T.Shevchenko, N. M. Smirnov Klin o

no.13-15 '65. Use of oxygen in oncological radiotherapy. I. P. Berezin, A. I. Bukhman, I. M. Epshtein. Vop. onk 12 no.12-76-83 '66.

Zakhvalkina, I.A. [What can be expected from the micro-scopic study of tumors] Chio daet mikroskopichoskoe izuchenie opukholei. Alma-Ata, "Kazakhstan," 1966. 27 p. (DNLM)

ONCOLOGY-CONGRESSES see subdivision under Moscow Province

ONIONS see subdivision under Siberia

OPEN-CUT MINING see Strip mining

OPEN-HEARTH FURNACES-DESIGN AND CONSTRUC-

Effect of certain parameters of open furnace ports on fuel and air mixing in healths, I.V.Belov, IU,D. Postulkov, Izv vys.ucheb.zov.,chein,met. 9 no 12, 141-148 '66.

Improving the design and operation of open-hearth furnaces without f. ont wall. I. P. Gerasimenko, Stal! 26 no. 12 1088-1091 D '66.

OPEN-HEARTH FURNACES-MAINTENANCE AND

Improving antilary conditions of work during the over-haul of open-heat in furnaces M. E. Portnet. Stat' 26 no. 12.1148-1150 D '66.

OPEN-HEARTH PROCESS

Briquets as slag forming material in steel smelting. A. M. Bigeev, V. N. Leitmin, M. M. Stockolovskii, Izv. vys ucheb. zav., chern. met. 9 no. 12:56-69 '66.

OPERA see subdivision under Chuvashia

OPERAS

The television opera "Katerina," G. Kristl, Sov. radio itel. 8 no. 3:16 '59.

OPERATIONS, SURGICAL

Uglov, F.C., V. P. Pugleeva, and A. M. IAkovieva, [Complications in intrathoracic operations] Oslozhnentia pri vnutrigrudnykh operatsiiakh. [Leningrad] Meditsina, 1966, 442 p. (DNLM)

OPERATIONS RESEARCH

Lagrange method and problems of optimal resources alignation in network planning systems. E. P. Pet-rushinin. Avtom, i telem. no. 12:115-125 | 66,

Problems in furnishing a basis for the optimal correlation of the cargo turnover and the traffic capacity of ports. M. M. Gorbatyi. Trudy SoluzMorNIIProekt no. 7:4-15 | 65.

OPERATIVE SURGERY see Surgery, Operative

OPERATORS (MATHEMATICS)

Banach function spaces and integral operators. Part 2 III.1 Gilbanov Izv. vys ucheb zav ,mat no 6 54-63

A class of approximate methods for solving operator O.I. equations with nondifferentiable operators O Zinchenko, Dop. AN URSR no. 7:852-856 63

Generalization of Leibniz -Hormander's formula, 'Fridicuder Diffurav. 2 no 0-1275-1276 S '68

Generalization of theorem on n-intervals M. G. Okhrimenko Vych mat [Kiev] no 2-193-194 '66

Mutual disposition of half-space in finite-dimensional unitary space Kh. M. Khavidi, Ukr mat, zhur. 18 no. 6 130-134 466

Operator rings in space with indefinite metric, R.S. Izmagitov Doki AN SSSR 171 no 2:269-271 N '56, "Quasi-localizable" Heisenberg operators and tenormalizability problem in quantum field theory. A D Sulhanov Zhureksp i teor fiz. 51 no 4,495-1206 O '66

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Universal attachment to an audiometer and ophthalmoscope for the determination of visual and acoustic the sholds VV Samanov and others Zhan vys nerv detat 13 no 4.758-759 Jl-Ag '63

OPPEL', VLADIMIR VLADIMIROVICH, 1900-1962 In memory of Professor Oppel!. Blokhimila 27 no.5: 967 S-O '62,

OPTIC THATAMUS -- WOUNDS AND INJURIES

Changes of higher ner your activity in animals following a losion of the medial nuclei of the optic thalamus. V. L. Syrenskii Zhan vys nerv deiat 13 no 1:566-672 Ji-Ag 63

OPTICAL GLASS see Glass, Optical

OPTICAL INSTRUMENTS

Test and measurement of the cutting edge of razor blades. E. V. Lorents Izm tekh no. 6 15-16 Je '62.

OPTICAL MEASUREMENTS

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Electrical and optical study of PbS III. V, Maltsev and others Fiz tver tela 8 no 7:2154-2162 Ji 'G6

Byt'ko, N.D. [Physics] Fizika. Moskva, Vysshala shkola.

Pis. 3/4 [Electricity. Optics and atomic structure] Elektrichestvo. Optika i stroenie atoma. Izd. 2. 1965 316 p.

Takushenkov, IU.G. [Optical systems in photoelectric instruments] Opticheskie sistemy fotoelektricheskikh ustroistv. Moskva, Mashinostroente, 1986. 188 p

OPTICS-CONGRESSES

Discussion of problems in optics and spectroscopy; alturation symposium in Novosibirsk, S S, Batsanov, Vest. AN SSSR 36 no. 12:65-86 D 166.

OPTICS, GEOMETRICAL

Method of geometrical optics in theory of electromagnetic wave propagation in gyrotropic medium III, IA, IAShin Izv vys ucheb znv ; radiofiz 9 no 8;1108-1116 '60

Photic field within an unlimited plane-parallel layer under conditions of generation, B.1, Stepanov, Doki, AN BSSR 5 no. 6:355-359 Je *62.

OPTICS, PHYSICAL

Spectrum and intensity of radiation from series of cylindrical bunches in optically active medium F.D.Gaza-zian, L.V.Kazandzhian, Izv AN Arm. SSR Fiz 1 no 3 200-202 166

ORANGE BREEDING

New forms in the generation of citrange grown from seed. G.N Pavlov. Shor.trud.asp i mol.nauch sotr.VIR no.2:258-260 '61.

ORATORY

Stepanov, A.V., and A.V. Tolmachev. [The orator's companion] Sputnik oratora. Moskva, Sov.Rossia, 1960. 361 p.

ORCHARD GRASS

Studying closel propazation methods for timothy grass and orchard grass V. G. Volkova Shor, trud, asp., i mol. nauch, sotr. VIR no. 2/134-144 (6).

ORDYNSKOYE, LAKE-ZOOPLANKTON

Zooplankton of Lake Ordynskoye, G. L. Vasil'eva. Izv. Biol. -geog. nauch. -issl. inst. irk. un. 18 no. 1/2: 18-34 165.

ORE DEPOSITS

(see also subdivision urder Akhtila region, Armenia, (see also suddivision urder Akhtia region, Armichi Altai Mountains, Azerbaijan, Balkhish Lake region, Barasun region Chita Province, Daungarrin Alatau, Ka. Ekistan, Kolchetas region, Kolai region, India, Kuzuctsk Alatiu, Maritime Territory, Mongolii, Salaii Range, Sibernan Platform, Stanovov Runge, Turgay Plateau, Turkmenistiu, Tura A.S.S.R., Ukraine, Ural Mozniains)

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Holitogeological presequisites of as spentus apigenetic ore formation with participitation of formation vaters with Lantism 1 to ripol islop (no 6/122-128/N-D) 1411

of mueralizatio. NI Sanono: Zap LGI 50 no 217-31 '66

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ORE DRESSING

(see also subdivision under Krivoy Rog Basin) About the term "hori dary gram," A. I. Povarov. Obog, rud 11 no 3 22-21 466

Natoclate stripping of perovskite concentrate. V M Rostrishin, B N McLent'ev, V, M Reznichenko Min-syr'e no 13,63-69 '66

Behavior of feldsputs in sintering with lime G. R. Borovik, K. P. Kalee. a Min. syr'e no 13:78-82 '60

Behavior of init, idual rare-earth elements in sulfuric-ocid decomposition of phosphorites E. V. Germogenova, K. A. Samykina Min syr'e no 13 83-37 '66.

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Chlorination of tantalum-niobium concentrates under laboratory conditions V, M. Kostrikin. Min syr's no 13,37-62 '66

Litect of reagents on magnetic properties of some minerals L. A. Grekulova Min 5,1 'e no 13,1-11 '66.

Effect of coasting on solubility of biotites and chlorites ın suthiric acid solutions. N. N. Smirnova, T. B Filippovskaia. Min syr'e no 13 88-95 '66

Flow sheets for dressing complex metal ores with a high content of pyrites N.I Kudriakova, T. M. Miagkova, Onog rud 11 no 3:4-9 '66,

Interaction of michium hydrovide with amine water solutions. N. V. Peti Ova. G. N. Mural¹, N. P. Makarova. Min. syr¹e no. 13:35-41 ¹66.

Magnetic treatment of flotation pyrochlure-ch confum concentrates V. P. Kuznetsov Min syr'e no 13-12-

lo '66.

<u>Olelnikov, V.A., and O.N.Tikhonov.</u> [Automatic control of technological processes in ore dressing] Avtomaticheskoe upravlenie tekhnologicheskimi proisessami v obogatitel noi promyshlennosti. Leningrad, Nedra, 1966 355 p.

Oslapenko, P.E. [Practices of dressing iron ores in the Krivoy Rog Basin] Praktika obogashchenila zheteznykh rud v Krivorozhskom basselne. Moskva, Nedra, 1866. 246 p.

Oxidation and solution of molybdenite in sulfuric acid solutions in presence of oxidizing agents N. M. Sobiniakova, G. A. Ivantsova, Min. spi'e no. 13:70-

Role of solid carbon in process of chlorination of oxides. L. V. Zverev. Z. S. Borsukova. Min. s., r le no. 13:42-56 66.

Using water-soluble amines in technology of treatment of tantalum-nichum products. L.V. Zverev and others. Min.syr'e no.13;27-34 166.

ORE DRESSING-EQUIPMENT AND SUPPLIES

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ORE DRESSING PLANTS—EQUIPMENT AND SUPPLIES (see also subdivision under Krivoy Rog Basin)

Concerning the way of individual vacuum and compressed all systems in mining aid one dressing plants. V. P. Kontusov. Obog rud. 41 no. 3 15-16 lbn.

Five-year pian and our objectives. Obogetud 11 no. 3:

Industrial testing of electrovibrating feeders with a constant classificity system I A Golddin, M IU Frians, Obog rud 11 no 337-38 66

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OREL—GLIDING AND SOARING—COMPETITIONS A cloud fantasy Ni Ratsenslaia Kryl rod 17 no 9. 10-12 S '66

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ORENBURG PROVINCE-CHUVASHES

Study of the mode of life, folklore and language of the Chuyash rural population of the Bashkir A S. S. R. and Orenburg Province. Uch zap CHNIIIALII. no 23270 63

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ORENBURG PROVINCE-PARASITES-GOATS

Toxicity of lead at senate to goats, V. A. Samaev, M. N. Smirnova Veterinarila 43 no. 12 15 D *66.

ORENBURG PROVINCE-PETROLEUM GEOLOGY Geological prerequisites for discovering new oil fields in southern part of Orenburg Province A. I. Kulakov and others Geol nefti i goza 10 no 11,10-15 N '66

New date on search prospects for gas- and oil-bearing anticlinal folds of Bashkir la and Otenburg Province region of cis-Utals. F.I khattanov, E.A Filippova Neitegaz geol. i geofiz no 123-7 168

ORENBURG PROVINCE-REEFS

Dolomitized Tournal reefs in Orenburg Province. V. G. Kuznetsov Biul. MOIP, Old. geol. 11 no 4:155-158 JI-Ag '66.

ORENBURG PROVINCE-WATER, UNDERGROUND

Hydrogeological regionalization of the eastern part of Orenburg Province, L. E. Chernineva, K. M. Cherninev, Izv vys, ucheb zav. geol irazv. 6 no 6 93-102 je '6d.

ORES see subdivision under Kama Valley

ORES-SAMPLING AND ESTIMATION

Geological documentation. A. P. Pi okoffey, Mat. Gh 2 no. 4:24-28 '66.

Rylov, G.V., and G.A. Parkadze. [Comparing the accuracy and reliability of assaying stockwork-type deposits in prospecting by shot, diamond, percussion drilling and mine workings] Opt sravnenia tochnosti dostovernosti oprobovanian mestoro-denila shtokverkovogo tipa pri razvedke drobovym, almaznym, udarnym bureniem i gornymi vyrabotkami. Moskva, Nedra, 1905.

[MICROFILM]

Results of the revaluation of reserves of the "luzhnaia Mine" (Krivoy Rog Basin) from one deposit L. K. Mikheeva, Mat GKZ no 4:18-23 '66,

Shortcomings in calculating teserves of ore deposits, S. T. Ignatiev. Mat. GKZ no. 1,3-9 '66.

Using data of surface measurements of a magnetic nord to estimate one reserves in magnetic deposit A A Popos - Metod ritckh zir ced i no 52 %-70 %5

ORGANIC ACIDS see Acids, Organic

ORGANIC COMPOUNDS

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Oxidation of organic compounds by active manganese dioxide S.P. Korshunov, La I Vereshchagun, Abgi Figur 45, no 12/255-2784 D. 66.

Pollakovi, A.A., and P.A., Khmel'nitskii. [Int) oduction to the mass spectrometry of organic compounds.] Viadenic v mass-spektrometriu organicheskii h soedhonii, Pod tod. A.A. Petrova. Moskva, Khimita, 1966.

Synthesis of cation-active compounds on the tasks of applitudic active. N. M. Remanov, A.N. Nikozov – Izr. AN Turk SSR, Set fiz -tekh , khim i geol, nauk mn s. 11-115, 162

ORGANIC COMPOUNDS-ANALYSIS

Terent'ey, A.P. [Organic analysis, selected works]
Organicheskii analiz, izbrannye trudy. [Moskva] Izdvo Mosk, univ., 1966. 407 p.

ORGANIC COMPOUNDS-SPECTRA

Studying long wave infrared obsorption spectra of naglithes lene, hithienyl, and pedichlorobenzene. P.A. Hazhallu, A.A. Rakhimo: Liz tver tela 8 no / 2161-2167 H 499

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Organic matter of marine additions of U.S.S.H. FT Gorahkova, Bird MOLP Oldageol. 41 no 1156 H-4g

ORGANIZATION OF AFRICAN UNITY

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ORGANIZATION OF AMERICAN STATES

Pan-Americanism and the "Tricontinental," III, Gworder, Nov vietm. 25 no. 3 v-10 Ja 167,

ORGANOCHLORIDE COMPOUNDS

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ORGANOFLUORINE COMPOUNDS

Comparative toxicity of some monofluoro-containing organic fatty compounds for fleng. F. V. Agdersa, N. M. Dukel'skala, Vent Mook un Ser. b. Riel., pochy. 21 no. 1:19-53. Jl-Ag. 168.

Fluorides with high oxidizing capacity and their use in the preparation of organofluorine compounds. N.I. Gubkina, S V.Sokolov, E. I. Krylov, Usp Edito-no 12:2219-7:242 D 766,

Mobility of hydrogen atoms in monohydroper fluor calkanes and in related compounds; tout bromination of 2. monohydroper fluor ofgobutane and esters of a-hydro-perfluorocarboxylic acids. S. T. Kocharian, D. M. Rokhlin, L. L. Knuniants. Zhur, VKHO 11 no 6;709-710 '66

ORGANOLEAD COMPOUNDS

Tin and lead organic monomers and polymers. D A Kochkin, I N. Azerbaev. Vest AN Kozakh, SSR 22 no. 12,53-61 D 160

ORGANOLITHIUM COMPOUNDS

Synthesis and properties of allene hydrocarbon derivatives. Part 9, Interaction of lithium allenes and alkyllithium adducts with eague alcohols and carbonyl compound 1. O. V. Percepellin, Kh V. Baltian, Zhur org. khtm. 2 no. 11 1929-1934 N '66.

no. Il 1929-1934 N '66, Synthesis and proporties of allene hydrocarbon derivatives. Part 10 Interaction of dimethylvinylacetylanecarbinol with organolithium compounds of an omatic and laterocyclic sories. L. N. Cherkasov, Kh. V. Haltinn, V. A. Kormer. Zhur, org. khim, 2 no. Il 1934-1935 N '66 Synthesis and properties of aliene hydrocarbon-derivatives. Part II: Addition of organolithium compounds to vinylphenylacetylene and vinylalkylacetylenes. L. N. Cherkasov, Kh. V. Baltinn, V. A. Kormer. Zhur org. khim. 2 no. II. 1938-1912 N '66.

ORGANOMETALLIC COMPOUNDS

Complex products of interaction of alkyl(a) y1) alkoxysilanes with aqueous-alkaline solutions of sodium zincates and beryllates. D.A. Soboleva, L. V. Myshilineva, Trudy MKHTI no. 41.07-103 163.

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Determination of phosphorus and titanium in organo-metallic compounds. M.P. Stukova, V.N. Kolova, Zhuu, anal, kilim. 21. no, Il 1931-1937. 168. Organophosphorus compounds of Pendellium chryso-graum, phosphorus of which is determined as orthu-phosphate. I.S. Kulaes, and others. Dokl. AN SSSR. 171. no, 2, 173-175. N. 169.

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Thu G Conference on the Chemistry and Use of Phosphorus Organic Compounds organized by the Leningi ad Province Administration of the D I Mendeleev All-Union Chemical Society K, P. Mishchenko, V. V. Razumovskii Zhur VKHO II no 6-696-599 '66

ORGANOSILICON COMPOUNDS

Connection between the manginal angle, concentration of the solution imparting hydrophobic properties, and the degree of coating of glass with a hydrophobic film.
O O Pashchenko, O. A. Lawika. Dop AN URSE no. 7:
014-016 *61.

Light scattering and viscosimetry of polyvinyltrimethylsil ane solutions A. B. Duchkova and others socd 8 no 10:1814-1817 O '66

Qualitative determination of chemical stability of hydrophobic organosition continges by mean of infrared spectroscopy () () Pashchonko, K K Karybatev, 5.1 Has Dop AN URSR no 11:1461-1463 '66

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Using the method of differential thermographic analysis for studying the thermo-oxidative destruction of the films of organosilic on electric insulation lacquers A. A. Alentev, A. A. Pashchenku, J. I. Kletchenkov, Khim, prom [Ukt.] no. 3,12-15 Jt-S '62

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ORGANOTHERAPY

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ORGANOTIN COMPOUNDS

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ORIENTAL LANGUAGES-STUDY AND TEACHING

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ORIENTAL STUDIES

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ORLOV, RURH ALEKSANDROVICH, 1893-1966 Hurli Aleksandrovich Orlov, 1893-1986. K K Flerov, B A. Trofimov, Paleont, zhur no, 4'3-7'66

OR LOVSKII, ARKADI I VIKTOROVICH, 1901-1966 A. V. Orlovskii; obituary Elektrichestvo no. 12:84 D '66.

ORNAMENTAL PLANTS see Plants, Ornamental

ORNITHOLOGY-CONGRESSES

Problems of modern ornithology at the 3d All-Union Ornithological Conference V. 5 Zulctauv Lzv AN Ornithological Conference SSSR, Ser, blol. no 3,181-488 My-Je 163

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ORPHANS AND ORPHANAGES

The first children's commune. M. Bulgakov. Semija i shkola 21 no. 11-38-39 N 166.

ALT NODOHT NO

Maret, M.R., and A.O. Pochtar'ov. [Laboratory manual of orthopedic atomatology, Introductory course] Praktykum z Ortopedychnol stomatologii, propedevtychnyl kurs. Kyl [Derzhmedvydav URSR] 1964. 123 p. (DNLM)

ORTHODOX EASTERN CHURCH-CONTROVERSIAL LITERATURE

Khasnikov, N.P. [The Church accommodates itself] TSer-kov' prisposobliaetsla Leningrad, Oh-vo "Znanie" RSFSR, 1965. 33 p

ORTHODOX EASTERN CHURCH, UKRAINIAN

Harion, Metropolitan of Winnipeg and All Canada. [We like out Ukrainian Orthodov Church! Ideology of the Ukrainian Orthodov Church! Liubino svotu Ukrainian Gripologia Ukrainian Koi Pravoslavim TSetkvil Meologiia Ukrainia Koi Pravoslavinol TSerkvy. Winnipeg, 1966. 43 p. (Khrystiians'ka bibliotechka vydaie "Vira i Kul'tura," no. 7)

ORTHOPEDIA

Controversial problems in the treatment of spinal fractures. F.R. Bogdanov Travnistologies no 1,

Dispensary observation of invalids using prosthesis and orthopedic articles. A.P. kotov. Travmatologita. no. 1.50-56 '65.

Results of surgical treatment of modial fractures of famou at neck. E A. eryfel'd. Traymatologila no. 1; 193-196 '65,

of newhorn infants VS Kostrikov. Travmatology of newhorn infants VS Kostrikov. Travmatologila no. 1:133-110 '05, Surgical teatment of fractures of long tubular boncs. V.F. Trubnikov. Travmatologila no 1,110-117 '65,

Treatment of open fractures of the extremities, 11.1. Bystritskii, I F. Zegorniko. Travmatologita no. 1

ORTHOPEDIA __CONGRESSES

118-173 165.

Gor'kovskii nauchno-iseledoyatel'skii inalitut tray-matologii i ortopedii [Problems of traumatology and orthopedia, materials for an out-of-town scientific con-ference] Voprosy traymatologii i ortopedii, materialy k yyezdnol nauchnol konferentsii. Gor'kii, 1963, 238 p. (DNLM)

Ukralaskala nauchno-prakticheskala konferentsila khirur-gov delskogo vozrasla, 2d. [Surgery, traumatology and orthopedics in childhood, transactions] Khirurgila, travmatologila i ortopedila detskogo vozrasta; trudy. Kiev, Zdorov'ia, 1965. 272 p. (DNLM)

ORTHOPEDIC APPARATUS

Splint for the development of movements in finger joints. IU. IU. Kolontai Travmatologila no. 1 237-238 165.

OSCILLATIONS

One radiophysical method of measuring small mechanical oscillations V. B. Bruginskii. A. B. Manukin Izv vys ucheb zav ; radiofiz. 9 no 6:1196-1201 '60

Parametric effect of a harmonic random force on a nonlinear oscillatory system. V.H. Kolomitets*. Dop AN URSR no.11 1413-1417 '62.

Theory of small oscillations in nonhomogeneously compressible gravitating medium of plane symmetry. R.S. Oganesian Izv. AN Arm SSR, Fiz. 1 no 3 to 1-191 *60

OSCILLATORS, CRYSTAL

Effect of piezoelectric oscillations of crystal lattice on intensity of passing X-10y beam Part 1 P. A Regirganian, V. I. Avundrhian, Izv. AN Arm, SSR, Fiz 1 no. 3:147-155 '66

Effect of piezoelectric oscillations on intensity of X-ray scattering in second approximation F. A Hesis gamen, V. I. Avandzhian Izv. AN Arm SSR, Fiz 1 no. 4:227-236 '66

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OSCILLATORS, ELECTRIC

Low-frequency RC self-oscillator as an indicator of weak permanent magnetic fields V. P. Chirkov 17v. vys ucheb. zav., radiotekh. 9 no. 5-671-672 S-O '66.

Parametric oscillator synchronization using the difference frequency K.K. Likharov. Radiotekh, i elektron. Il no.11:2086-2088 N 186.

OSCILLATORS, TRANSISTOR

Crystal controlled oscillator with impulse excitation on ultrator subharmonics. A F. Plon &ii, IU K. Tahpskir. Lav vys ucheb 2av., radictekh. 9 no 5 6 l6-611 S-O 166

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OSSETIA, NORTH-AGRICULTURE

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OSSETIA, NORTH-ARCHAEOLOGY

Basic problems in the archaeology of North Ossetia, V.A. Kuznetsov. Iz: Scy.-Oset, nauch.-issl. mst.

OSSETIA, NORTH-BIOBIBLIOGRAPHY

USSETIA, NORTH—BIOBIBLIOGRAPHY
Severo-Osetinskala respublikanskala bliplioteka. [Brave sons of Inison, Heroes of he Soviet Union in the Great Patriotic War. A list of recommended literature! Otwashnye syay Iristona, Gerof Sovetslogo Soluza v Velikol Otechestvennol volne. Rekomendatel'nyl ukazatel'literatury. Ordzhonikidze, Severo-Osetinskoe knizhnoe izdvo, 1905. 37 p. (CSL-II) (CSt-R)

OSSETIA, NORTH—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Postwar ideological work of the party organization of North Ossetta, 1945-1953 O.S. Gevorkian. Izv Sev.-Olet, nauch -issl, mst. 25:22-31 166.

OSSETIA, NORTH-FLOUR MILLS

"K"ada Kwyroi I," the flour mill of the Ossetions. C.G. Prhelina, Izv. Sev. -Oset. nanch. -issl. inst. 25:25:-284 GG.

OSSETIA, NORTH-HANDICRAFT

Basic occupations of the people of North Ossetia in the 19th and carly 20th centuries. B.S. Kulov. Izv. Sev. -Oset, nauch. -is41, inst. 25:293-315 '66.

OSSETIA, NORTH-HISTORY

How the Russian prerevolutionary government seized the communal forests of North Ossetia. S.D. Rulov. Izv. Sev. -Oset, nauch. -1ssl. Inst. 25:125-133 '66.

OSSETIA, NORTH-INSCRIPTIONS

An Alani-As inscription from the village of TSamnd in the Alagir gorge in North Ossetta. B.A. Alborov. Izv. Sev. -Oset, nauch -issl, inst 25 · 286-292 '66.

OSSETIA, NORTH-RELATIONS (GENERAL) WITH KABARDINO-BALKAR

Ossetian contacts with the Kabar disus and Balkars from the 16th through the 18th century. M.S. Totoev. 1zv. Sev. -Oset, much. -14sl, inst. 25:131-153 '66,

OSSETIA, NORTH-SOCIALIST COMPETITION

How the party organization of North Ossetia controlled the socialist competition of the masses during the fifth five-year plan. D. S. Kruglyi. Izv. Sev. - Oset, march. -issl. inst. 25:17-07 '66.

OSSETIA, NORTH-WORLD WAR, 1939-1945

North Osseila during the Great Patriotic War, on the 20th anniver sary of the defeat of facelst Germany, T. N. Kibizov, Izv. Sev. -Oset, nauch, inst. 25:5-21 '66,

OSTETTIS DEFORMANS

Malignant degeneration of esteodystrophia deformans -Paget's disease. M. K. Klimova Vest tent i rad 37 no.3.45.50 My-Je 62

OSTEOCHONDROSIS

Popelianskij, IA. IU. [Cervical osteochondrosis; com-pression and reflex syndromes] Sheinyi osteokhondroz, kompi esslomnye i reflektornye sindromy. Moskwa, Meditsina, 1966. 283 p. (DNLM)

Shoulder -hand reflex neurodystrophic syndrome in cervical osteochondrosis. IA.RU. Poplianskii. Zhur nevr i psikh. 63 no.1:43-48 '63.

paint, on no.1133-36 '65.

Two cases of dissorting osteochondrosis of the talocuural joint corroborated by roentgenography in the third (oblique) projection F. S. Golubkova Trudy Novokuz-GIDUVa 32:125-126 '65

OSTEOMYELITIS

Problem of the so-called esteoid esteoma. I. G. Legunova Vest. rent i rad. 37 no 3;39-45 My-Je '82

Some peculiarities of the clinical and X-ray characteristice of residual forms of chronic gunshot osteomyellus of the tubular bones, S.A.Kats. Travmatologila no. 1:289-305 '65.

OSTRACODA, FOSSIL -

Detailed stratigraphy of sediments of Veiluga series of Lower Trisssic based on Ostracoda F V Mishina Izv AN SSSR Ser geol 31 no 12:45-112 D '66

OSTROG (UKRAINE)-HISTORY

Shumove'kyl, Petro, [Ostrog, a historical study] Ostrih, istorychnyl narrys. Peredmova V. Senlutovychn-Berezhnoho. Winnipeg, Nakl, Instylutu doslidiv Volyni, 1964, 128 p. illus. (Volhynian, no.11) (CAAEU)

OSTROVSKII, ALEKSANDR NIKOLAEVICH, 1823-1886

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Improved method for obtaining ovomucoid V.Kh. Lapuk. Vop. med. khim. 12 no 6 636-638 N-D '66.

Study of nucleic acids as stimulants of trachoma and paratrachoma Quantitative characteristics of infection dynamics in ovo and nucleotide composition of normal and infected yolk membranes A.A. Shatkin, S.R. Beskina Vop virus 11 no 5 589-593 S-O 166

Study of ribonucleic acid and protein metabolism in nucleoil of mollusk occytes L.G. Romanova, K.G. Gazarian. TSitologiia 5 no 5 648-652 S-O '66

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OXAZOLIDINONE

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OXAZOLIDINONE-THERAPEUTIC USE

Testing the therapeutic and prophylactic properties of furazolidone in paratyphoid fever of ducklings. P S Butyrina, V G Liesnikov Shor, nauch, rab, SibNIVI no. 11 14-151 162.

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Fundamental regularities of the process of biological oxidation of the sawage of the woodpulp industry in all tanks. M A Evilevich. Trudy VNIIB no 51:13-62 05.

High temperature oxidation of natural gasoline, S.F. Vasil'ev, A.M.Mosin Trudy IGI 18 110-111 '62,

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Oxidation and solution of molybdenite in sulfuric acid solutions in presence of oxidizing agents. N. M. Sobiniakova, G. A.Ivantsova, Min. syr'e no. 13-70-77

Oxidation of aminonitrogen in microelement analysis of organic compounds containing nitrogen. E. I. Margolis, M. N. Dobroni avova Vest Mosk un Ser 2, Khim 17 no 5-79-82 S-O '62

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Oxidation of isotactic polypropylene, Part 2: Ways of forming basic volatile moducts, V.S. Fudov, M.B. Neiman. Neftekhimiia 3 no 5:750-754 S-O '63.

Oxidative pyrolysis of law-octane gasolines. 5, F. Vasil'ev, A. M. Mosin, N. A. Lapides. Trudy IGI 18:115-118 462.

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Spectrophotometric analysis of products of liquid-phase g-cymene oxidation by oxygen using mathematical treatment of spectra, V,S Grinev, G,M, Panchen kov Zhur, anal, khim, 21 no 10 1274-1276 *66.

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Effect of the oxidation-reduction potential on the course of citric acid oxidation reaction. E. D. Podzhidaev S. V. Gorbachev. Trudy MKHII no. 41:65-71 163.

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Mitochond: fal per oxidase and its possible role in out but a processes T M Ivanova, M, A, Davydova, H A Reba . Biokhimita 31 no 6,4167-41/3 N-10 '66

Oxidation of NADH₂ by subcellular fractions with partiest pation of peroxiduse and molecular oxygen [1]. Petrochenko, P. A. Koleantkov Biokhimita 31 and 5 1117-1120 N-D '66

Ordinative metabolism in the roots of peas and corn in fit various from feeding. V. F. Gavrillonko, S. M. Latatha, Solkhoz, biol. 1, no. 6(808-815-166).

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Concerning the use of the waste nitt ogen of the observ producing systems of metallungical plants, A.P.Kor 1, nov. Prom. energ. 16 no.1:10-21 Ja 161.

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Free oxygen and carbon dioxide in the outer apheres of the entth. V.I. Vul'fson. Izv vys ucheb, zav gral ttazv. 6 no. 6:3-0 Je '63.

OXYGEN—INDUSTRIAL APPLICATIONS

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OXYGEN—TOXICOLOGY

Effect of oxygen under pressure and methicsine suffect of mine on the activity of glutamine synthetase in the 1st brain. Z.S. Gorshenovich. A. A. Krichevskaio. 1 A. Kolushek. Biokhimita 20 no.2:303-307 Mr-Ap '03

OXYGEN IN THE BODY

Effect of total-body irradiation on the exygen requirement to white mice. E. A. Liallo. Vop. radiable!, 4: 150-153 '61.

OXYGEN ISOTOPES

Ability of carboxypotidase A to catalyze reactions of oxygen isotope exchange and transpectidation I. M. Ginodman, N. I. Mal'tsev, V. N. Orekhovich Biokhimita 31 no. 5.1073-1078 N-D '80.

OXYGEN ISOTOPES (Continued)

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Relationship of insulin, ovytoein and vasopressin to yeast herekinese G. V. Titova Biokhimita 31 no 6 1107-1110 N-D '66

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Some data on the state of the nervous system in entero-basis in children L. P. Sweltenko Med paraz i paraz, bol. 31 no 5 557-559 S-O '62

OYSTERS see subdivision under Black Sea

OZOCERPTE-THERAPEUTIC USE

Ozocerite treatment in lumbosacial indicultie with electromyographic control M.Z kalikaev. Zhur nevr. i psikh 63 no 144-18 '63.

OZOLINS, JANES, 1908-

Verners, Atturs. [Road of the song; life and work of Janis Ozolius] Dziesmas cels; Jana Ozolius dzive un dailiade Riga, Liesma, 1986. 176 p [In Latviau]

OZONE

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Ozonization of 1-hevene and properties of ozonides. S.D. Razumovskii and others. Zhun org khim 2 no 11 1012-1946 N $^{4}68$

Vield energy relations of radiochemical reactions of ozone formation and nitrogen oxidation. M.T Dmittley. Zhur.fiz, khim 10 no. 11:2729-2734 N 166

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PACIFIC OCEAN-COCCOLITHS

Coccoliths of Discoaster Tan Sin Hok group in aqueous suspensions of Pacific Ocean. IU. A Bogdanov, M G Uslahova Dokl AN SSSR 171 no 2:465-467 N '66

PACIFIC OCEAN-EARTHQUAKES

Characteristics of stress orientation of continuake focuses in Pacific Ocean. L. M. Balakina. Birl. MOIP, Oxd.gcol. 41 no.4;119-150 J.-Ag '66'

PACIFIC OCEAN—OCEANOGRAPHY

Characteristics of water masses in northern part of Pacific Ocean V.V. Leontleva, Shor, st X 1azd, prog MGG no. 15-23-27 (66.

PACIFIC OCEAN....VOVAGES AND TRAVELS

History of studying the Russian discoveries in the Pacific Ocean in the second half of the 18th century. R. V. Makarova. Trudy MGIAI 22:251-278 '65.

PACIFIC OCEAN-WINDS

Prevailing winds and resultant transportation in Pacific Ocean, IU. A Romanov. Shor, st X razd prog MGG no 15:88-111 '66.

PACINIAN BODIES

Some morphophysiological characteristics of individual mechanor eceptors (Pacinian bodies) O B Illinskii, N K Volkova, Dokl AN SSSR 171 no 2 191-497 N 165.

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PAIN

Effect of analgesics on the pain sensitivity of irradiated animals. G.A. Bol'shakova. Vop. radiobiol. 4:347-

Use of ultrasound in the treatment of phantom pains for-fowing amputation of extremities. A I. Kravchenko. Travmatologila no, 1:90-94 165.

PAINT

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PAINT INDUSTRY see subdivision under Ukraine

PAINTERS

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Master of the lofty heights (conclusion) Maksim Everey, Scm111 i shkol 1 21 no. 12 54-57 D 166

PAINTING

A sense of time. T. Shakhova. Sem'ia l shkola 21 no. 11:19 N '66.

PAIR PRODUCTION

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PAKISTAN-FOREIGN RELATIONS-INDIA

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PALEOGEOGRAPHY

(see also subdivision under Sikhote-Alin' Range, Volga Valley)

Paleogeographic significance of the shane analysis of sandy quartz particles. V N Shynnov, A B Markov, I'v vys, acheb. Zav geol 1 razv 6 no 6 27-31 Je '63.

PALEOGRAPHY, LATIN

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The role of O. A. Doblash-Rozhdes tvenskala's works in the development of Latin paleograph, in the U S S R, on the 25th anniversury of the death of O A. Doblash-Ro-Addestvenskala, a consesponding member of the Academy of Sciences of the U.S.S.R. A.S. Lublinskala, Sted veka no 29 173-178 466

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All-Umon Symposium on Paleontology of Pie-Cimbrian and l'arly Cambrian B. S. Sokolov no. 4,114-117 '66 Paleont zhua

Twelfth (anniversary) session of Palcontological Society of the U.S.S.R. R.A.Alxiullaev, A.S. Masumov. Uzb., geol.zhui. 10 no.5-81-82 '66.

PALEONTOLOGY, STRATIGRAPHIC see subdivision under htysh Valley, Kazakhstan, Molochnaya Valley; Siberia; Tugur Valley

PALIASHVILI, ZAKHARII PETROVICH, 1872-1933

The image of a people's singer in a radio play. I. Gam-krelidze. Sov. radio i tel. 8 no. 3:26 '50.

PALLADIUM ALLOYS

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Mechanism of the formation of congulation structures in aqueous dispersions of palygorskite and hydromica under the effect of ultrasound, N.N. Kruglitskii and others. Izv. AN SSSR. Neorg mat. 2 no. 12:2213-2220

PALYNOLOGY see subdivision under Central Chernozem region, Kama Valley, Kara Kum

PALYNOLOGY-TABLES, ETC.

PALYNOLOGY—TABLES, LTC.

Lenhigi ad. Vsessoluznyl geologicheskii institut [Tables of drawlings and microphotographs of spores, polten and other plant microfossils from sediments of Upper Pic-Cambi lan, Pleistocene of U. S. R.] Tablitsy risunkov i mikrofotografii spor, pyl'tsy i drugikh rastitel'nykh mikrofossilli iz otlozhenii verkinego dokembrila – pleistotsena SSSR. Lenlingrad, Nedra, 1966. 366 p. (Its Trudy, no.141 Paleopalinologila, vol. 3)

PAMIRS—BIRDS

Birds of Pamirs, R. L. Potapov. Trudy Zool inst 39 3-119 466

PAMIRS-ICE ON RIVERS, LAKES, ETC. Ice phenomena on the rivers of the Pamirs

Vest Mosk un Sei 5. Geog 21 no 6 91-92 N-D '66

PANCREAS

Anatomy of the intraorganic lymphatic system of the humber pancress - F A Vorobleva. Arkh anat., gist i embr. 41 no 3,62-67 Mr '63.

PANCRE AS -- CANCER

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PANCREAS-DISEASES

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PANCREATIN

Permentative activity of trypsin preparations for obtaining errmentative activity of trypsin preparations for obtains menostratal tissue cultiurs. Report No 2; Some com-parative data on activity and enzyme composition of Differ commercial preparations. T. G. Mertellaa, N. I. Solov'ew. Trudy Mosk nauch -tsal inst virus prep-no 3.275-286. 65

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panels and blocks with lime-ash binder N V, Ivakhno Shortrud ROSNIMS no 24:73-80 '62

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9. Belianovskii. 7hil. strot. no. 10:6-9 '66.

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Rapid method of determining alobium in rocks and minorals by means of paper partition chromatograph. V 1 Bogdanova, L.S Shulik, Zhur anal khim 21 no 10 1201-1201 166.

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Use of paper electropholesis for the division of some acids of the citric and cycle in biological fluids of Petrun'kina. L. I. Silina. Lab. delo no 1:23-25 '07

PAPER INDUSTRY

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Continuous measurement of the glass of coated paper on a calender G. A. Kundzich, S. Z. Eidel'man Bum. i der prom. no 3.39-46 Ji-S '62.

Improvement of the structure of the utilization of semifinished products and the decrease of specific norms for fiber consumption in the manufacture of various types of paper. V V Naumov, N.D Khramtsova. Trudy VNIIB no 51;233-249 -65

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PAPER INDUSTRY-EQUIPMENT AND SUPPLIES

Veregifin, L.Z. [Ceramic pulpstones] Keramicheskio defibrernye kamni. Moskva, TSentr nauchno-issi in-t informatsii i tekhniko-ekon issledovanii po lesnoi, iselliulozno-bumazhnol, derevoobrabatyvalushchei pro-myshl, i lesnomu khoz , 1966. 35 p. (Bumaga i tselliu-loza)

[MICROFILM]

PAPER INDUSTRY-LABOR PRODUCTIVITY

Increase of labor productivity is a daily concern; editorial Burn, prom 37 no 4 1-2 Ap 16-

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1. E. Viukov, R. N. Zakharova, M. G. Krivtsun. Trudy VNIB no. 51:105-122-465.

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PARALLAX-MOON

Reduction of geocentric latitude to sea level. A. A. Mikhailov. Astron. 7hur. 43 no. 6 1313-1316 N-D '60

Influence of carbonic anhydrase inhibitors on the effect of different myorelaxants A.I. Podlesnain Trudy LPMI no. 32 120-125 '65

PARALYSIS, SPASTIC

Mezhenina, E.P. [Cerebral spastle paralyses and their it calment] Therebral type spastle hoskie paralichi i ikh lechenic. S predist, i ped red. M.N. Goncharovol. Kiev, Zdorov'ta, 1986. 224 p. (DNLM)

PARALYSIS AGITANS

Bulgarian entiparkinsonism preparations with a new mechanism of effect G. Ganev, L. Kanamalakov, M TSekova, Zhur nevr i psikh, 66 no.12,1864-1869

Effect of large doses of extract from the helladona root, used in the treatment of Parkinson's disease, on peroxidase detection. Report No. 1; Determination of the peroxidase in the skeletal muscles of mammals under normal conditions and following beiladona injection. IA, K, Osipova, Dokl, AN BSSR 6 no. 9 596-500

PARAMAGNETIC RESONANCE AND RELAXATION see Electron paramagnetic resonance

PARAMETRIC AMPLIFIERS

Coupling system with fast cyclotron in the form of coupled resonators. V. I. Kanaveta, V. G. Rassadin, A. S. Roshal¹. Izv vys. ucheb. zav.; radiotekh. 0 no. 5:622-629 S-O 166.

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PARASITES-JERBOAS see subdivision under Ugraine

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PARASITES-MUSKRATS see subdivision under Moldavia

PARASITES-POULTRY see subdivision under Moldavia

PARASITES—RODENTS

Accelerated method of parasitological inspection of the holes of rodents I. V. Morozova Trudy Gos nauch issi protivochum inst. 16:203-205 '59

PARASITES—SHEEP

Effect of mintic and promintic on sheep. A.D. Necklings, nyi, Veterinarita 43 no. 12,48 D 566

Nematedinus infestation of sheep. M. IV. Paskal'skais, A. L. Mitsina, Veterinariis 43 no. 12:41-15 D *66

Some problems of the pathogenesis of dicroccellasis, S.IU Alley Veterinariia 43 no 12 41-42 D 168.

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PARASTTOLOGY-BIBLIOGRAPHY see Bibliography-Parasitology

PARASITOLOGY-CONGRESSES

Conference of directors of institutes of medical parasiconserence of air ectors of institutes of medical parasi-tology and tropical medicine, heads of the parasitologi-cal departments of epidemiological and hygienic institutes and of republic and province sanitary-epidemiological stations S.IA.Sarikian, V.K.Grasis, R.L.Kuzncisov. Med.paraz.i paraz.bol. 32 no.2;241-248 Mr-Ap '63

PARASYMPATHETIC NERVOUS SYSTEM see Nervous system, Parasympathetic

PARASYMPATHOLYTIC AGENTS

Cholinergic mechanism of the cortical activation, G.D. Smirnov, R. IU. Illiuchenok, Fiziol, zhur. 48 nc. 10-1141-1145 O '62.

Intensification with cholinolytic agents and weakening with easying of disorders of conditioned response induced by phenamine E. L. Shchelkanov. Zhur.vys.nerv deist 13 no 4:740-747 Jl-Ag '63.

PARASYMPATHOMIMETIC AGENTS

- Species differences in the reaction of choliner gic and a henergic structures of the brainstein NA Kharau-zov Trudy LPMI no 32 165-169 165
- Therapeutic activity of quateler on in peptic ulcer AR Luzhis, FS Ryes Sov med 26 no 3 35-38 Mr '63

PARATHYROID GLANDS-DISCASES

Chronic hypocalconde encophalopathy in idiopathic hypograpathy totalism P Ovelariova, R Ratchey, K Kostov Zhui nevi i psikh 66 no 12 1782-1788

PARATHYROD GLANDS-SURGERY

A case of hyperparathyroid ostcodystrophy traced for a long time following a parathyroid gland adenoma excision M Z Sigól Problendok i gorm 9 no 156-69 Ja-F '63

PARATHYROID GLANDS---/FUMORS

A case of hyperparathyroid osteodystrophy traced for a long time following a purathyroid gland adenoma exci-sion M ZSigal Problemdok i gorm 9 no 1:66-69 sion Ma Ju-F '63

PARATYPHOID DISEASES IN ANIMALS

Abortions of paratyphoid origin in a heifer heid. N O Helousov Viterinarita 13 no 12:31-32 D '66

importance of short-interval vaccination against hog cholera, paratyphoid fever, and swine plague for the preservation of swine on farms with hog cholera infestation and hazard 1, V Okuntsov, G I Epifanov, G, 1, Pania Shor much 10b SibNIVI no, 11 125-130 '62.

Itsling the therapeutic and prophylactic properties of furazoludon, in paratyphoid fover of ducklings P.S. Butyrina, V.G. Liasulkov Sbor, nauch rah SibNIVI no. 11 149-151 '62.

PARATYPHOD FEVER

Experimental reproduction of paratyphoid B (Schottmuller's disease) in monkeys; author's abstract. Z K Stanilevich Zhur, mikrobiol, epid i immun. 33 no 6:95 Je '62

Principles and preliminary experience with the use of Furazolidone, a nitrofin an preparation in the treatment of typhoid and paratyphoid diseases M. M. Budzho, A. l' Blinger, L., S. Chekmareva Zhur mike obiol , dpid i immun 33 no 6442-141 Je '62

PARATYPHOID FEVER-MICROBIOLOGY see subdivision under Kirghizistan

PARENT AND CHILD

The children's happiness is in our hands, V. Klimushina Double vosp. 39 no 1º 40-51 D 486

Closer to the sun V. Valuev. Doshk, vosp. 30 no 12-28+30 D 166.

Duties of falhers. B. Peiukhov Agitator 34 no. 24,28-31 D 166

Half an hour in the morning. M. Panich. Sem'la i shkola 21 no.11:9-11 N '66.

An indifferent person 1s not a companion for the road. I. Goodetskala. Doshk, vosp 39 no. 12 21-26 D 166 I en'ka Alia Beliakova, Sem'ia i shkola 21 no 12-18-22 D 160

Ochakovskala, L.S. [Conversation on a touchy thome]
Razgorov na ostrulu tenu Moskva, Znanie, 1966. 76 g
(Narodnyi universitet Pedagogicheskii fakul'tet, no 10)
We have to train our replacement. K. Minin. Sem'ia i
alikola 21 no.11;36-37 N '66.

Where is the root of the trouble? A. Nikolaicheva Doshk, vosp. 39 no.12 26-28 D '66.

PARIS-COMMUNE, 1871

A space ship flies over the barricade of the Pere La-chaise connetery, V. Chachin Mot. komm., no. 3:50-52 Mr '61,

PARIS-SUBURBS AND ENVIRONS

In a Paris suburb, E. Shuliukin, Nov. vrom. 25 no. 2; 25-27 Ja 167.

PARKHOMENKO, ALEKSANDR IAKOVLEVICH, 1880-1921

A prolotni inn military leader. G. Tolokol'nikov Voen - ist. zhur. 8 no 12:117-119 D '66

PARODIES

The element of paredy as reflected in the style of L. N. Tolstof (War and Poace) I E. Grineva. Uch zap. Kal gos. ped. inst 43;3.21 '65

PAROLE

Some unsolved procedural problems in release on parole. V. Mal'gin. Sots.zakon. 43 no.12:54-56 D '66.

PAROTID GLANDS-TUMORS

Combined treatment of "mixed" tumors of the parotid gland. A.D.Goznyi Vop onk, 12 no.11:07-100 '66.

PARTHENOCARPY

Occurrence of natural parthenocarpy in plants with dry fruit, 1E, L, Kordium, Uki, bot, zhur, 20 no. 1:21-28 163

PARTIAL DIFFERENTIAL EQUATIONS see Differential equations, Partial

PARTICLE ACCELERATORS

Coefficient of particle centure in accelerator Bakat, Atom energ 21 no. 6 503-504 D '66

Linear induction accelerator A.I. Anatskii and others from energy 21 no 6 439-415 D '66

Regularization of longitudinal instabilities in storage devices by means of feedback system D A Zhillkov, A.N Lehedev Atom energ 21 no 6 505-508 D 66.

PARTICLE BOARD

Automatic line of facing particle boards B.P Terekhov. Der prom 15 no 1218-20 D 166

Compression diagrams for particle boards, D.A. Shehed-to De prom 15 no 12 H-12 D 466.

Economic effectiveness of the use of particle and fiber-boards, 10 T. Vorotnikov, E.S Gukhman Der prom 15 no 12 16-17 D '66.

Facing particle boards with laminated paper-based plasties I.A Smirnov Der prom 15 no.12 1-5 D 166.

Use of gossypol resin for the manufacture of extremely hard particle boards A M Zamyshliaeva, G.A Dmitrieva Der prom 15 no.12-21-25 D 166.

PARTICLE BOARD—TESTING

Sivength of the middle corner joints of particle boards. A.I Mason, V.F.Kachan, Bum i der prom. no. 3 49-51 J1-S '62.

PARTICLE SIZE DETERMINATION

About the term "boundary grain," A. I. Povar ov. Obog. rud 11 no. 3 22-21 166.

Effect of the granulometric composition of raw mixtures on the formation of clinkers, V V. Vollrov, IU M. Butt, V V. Timashev, Trudy MKHTI no. 41 147-154 163

Microelements in granulometric spectra of cover sediments of White Russian Polesye K.I. Lukashev and others. Dokl. AN BSSR 10 no 10-759-762 O 166.

PARTICLES (NUCLEAR PHYSICS)

l'quations for Green's functions in Coulomb systems with collisions, V, N, Mel'nikov, Dokl, AN SSR 171 no. 5 1072-1075 D'66,

PASSIVATION

Effect of surface-active substances on structure of passivating tayer of lead sulfate. C G.1Ampol'skaiz and others. Elektrokhimija 2 no. 11 1327-1330 N 66

Kabanov, B.N. [Electrochemistry of metals and adsorption] Elektrokhimila metallov i adsorbtsila, Moskva, Nauka, 1966. 221 p.

Particular features of iron passivation in sulfate solu-tions L. I. Freiman, IA, M. Kolotyrkin Dolf, AN SSSR 171 no.5 11.48-1141 D '66.

PASTEUR, LOUIS, 1822-1895
"Pasteur" by M. IAnovskola, IU. I. Milenushkin. Mile obiologija 31 no 2:373-376 Mr-Ap '62.

PASTEURE LLA

Characteristics of polysaccharide-containing fractions of plague microbes E. D. Bakhrakh, V. D. Egorova, L. P. Pavlova Zhur mikrobiol., optd. immun. 33 no.6; 126-130 Je '62.

Effect of Pasteurella pestis toxin on the histaminopexic effect of the blood in white rats and guines pige. I. V. Domaradskii, V. I. Krupenina. Biul. eksp. biol. i med. 55 no 5:18-51 My '63

PASTEURELLA-CULTURES AND CULTURE MEDIA Study of the behavior of cultures of Pasteurella pseudotuberculous is soluted in Loningrad on a differential medium suggested by the Irkutsk Institute. A. P. Antheeva and others. Tudy Gos. nauch. -issl. protivochum inst 16;105-108 '59

cann inst 16:107-108 3: Study of the growth stimulant of plague bacilli Isolated from lysates of the "Spreina medium" V. L. Pastovalov. K. S. Karpuz (dl. Trudy Gos nauch -issl protivochum.inst. 16:71-79 159.
Use of cascin hydrolysate agar as a medium for the paoduction of dry live plague vaccine (strains i and 17). S. I. Zaplatina and others. Trudy Gos. nauch. -issl. protivochum inst 16:81-87 150.

PASTURE RESEARCH

Gorshkova, A.A. [Blology of steppe pasture plants in Transbalkalia] Biologia stepnykh pastbishchaykh raste-nii Zabalkalia Moskva, Nauka, 1966. 271 p. (DNAL)

PASTURES AND MEADOWS

(see also subdivision under Altai Territory, Kir-ghizistan; Siberia; White Russia)

Increase the productivity of grasslands. I. Garku S. Rachkevich. Zemledelie 28 no. 12 18-19 D 1. Garkusha

Lei us organize perennial pastures. D. Varlamov, V. Chebyshev, A. Varlamova, Zemledelie 28 no. 12-17 D 166.

PATENT LAWS AND LEGISLATION

Discussion on the protection of firm's name in a Soviet court. G.S. Rubezhov. Vop. 120br. no. 8:21-23 Ag 166.

tiovelty of an invention and author's remuneration. I.IA. Orkis Vopizobi, no 87-8 Ag '66

Requirements in the drawing-up of designs in compiling applications for industrial specimens. Vop ifobr no 8:36-37 Ag 166,

PATENT LAWYERS

Qualification of Soviet palent specialists. R.I. Got dienko Vop Lobi no 8:35-36 Ag 166.

Answers to questions, Vop. Irobr. no. 8:38-39 Ag 166.

[Inventions, Industrial samples, trademarks] Izobr., prom. ob. az., tov. znak. nos. 1-2 '67. New thends in patents. Vor. 120br. no. 8:46-47 Ag 166

Study patent documentation and speed up technological progress Kh Askinazi Avt transp 41 no 7 44-15 Jl 163

PATENTS-ABSTRACTING AND INDEXING

Experiment on automatic indexing of publications from "Official Gazette" V. 7, Shenderov Vop izobr. no. 8:27-29 Ag '66

PATENTS-CLASSIFICATION

TSentral'nyi nauchno-issledovatel'skii institut patentnoi Info matsii I fekhniko-ekonomicheskikh issledovanti. [Infer national patent classification] Mezhdunarodnata patentnata klassifikatsiia (MPK). Izd. 4., ispr. 1 dop. Moskva, 1966. 61 p.

[MICROFILM]

PATENTS-INFORMATION SERVICES

Activity of libraries and the All-Union Society of Inventors and innovators in the promotion of patent literature
A N Morozov, Vop. izobrana, 8:24-26 Ag *66.

PATENTS (INTERNATIONAL LAW)

Imported patents, I. A. Zenin, Vop. 170br. no. 8:9-16 Ag 166,

Proceedings of the examination of applications in socialist countries. L. A Trakhtengerts, Vop. izobr no. 6:17-20 Ag *66.

DATHOGENIC BACTERIA see Bacteria, Pathogenic

PATHOGENIC FUNGI see Fungi, Pathogenic

PATHOGENIC PROTOZOA see Protozoa, Pathogenic

PATHOLOGICAL ANATOMY see Anatomy, Pathological

PATHOLOGICAL PSYCHOLOGY see Psychology, Pathological

PATHOLOGY

Diagnostic significance of radioisotope scanning of the liver in some endocrine and other diseases. Trudy 1-go MMI 43 105-170 '05

PATHOLOGY, CELLULAR

Biology of the cancer; a survey of Cancer Research Congress, A.D. Timofeevskii, Vop. onk 9 no. 3:3-8 163.

Characteristics of cell line of Wilms' tumor in vitro. iA. V. Dobuynin, L. E. Obukhova, E. E. Mirzoian Vonk 12 no 11:30-38 '66.

Characteristics of posts edistion death of differentiating nervo cells. Report No. 2; Study of newborn white rats IU V. Korogodina, V. M. Dubrovina Radioblologita 6 no 6:875-879 [66].

PATRICE LUMUMBA FRIENDSHIP UNIVERSITY A preparatory school for foreign students. E.1. Motina. Vest. vys. shkoly 24 no. 12,32-31 D 466.

Proletarian internationalism and socialist patriotism, V. Gabunia, Mol. komm. no. 11 31-40 N $^{161}_{\odot}$

A roll call of generations. O Kalintaev, V. IAnelia. Semin i shkola 21 no. 12:35-36 D '66.

PATRONITE see subdivision under Uzbekislan

PAUZHETKA VALLEY—THERMAL WATERS Formation of new boiling mud pots in the Pauzhotks
thermal field and changes in the activity of the boiling
springs V. M. Sugrobov Vop geog Kamch no 3:109m '85.

PAVE MENTS

Pavements made of materials reinforced with coment. V. M. Mogilevich, A.V.Smirnov Avt.dor 28 no 12: 3-4 D 66.

PAVEMENTS-DESIGN AND CONSTRUCTION

Design of nonrigid pavements. Dang Hyu. Avt. dor. 28 no 11,28-29 N 158,

PAVEMENTS-MEASUREMENT

Equipment for measuring the microp offic of a pavement. N. W. IAtsenko and others Avt. dor. 29 no.1218-19

PAVEMENTS-TESTING

Testing nonrigid payements V I Bailedo, IU.M IAkovale. Not dor 28 no H 26-27 N 466

Work of pavements F V (Uncare Avt dos 29 no 12

PAVLINOV, PAVEL IAKOVLEVICH, 1881-

P I Pavlinov as artist and theoretician II. Gorlenko Islusstvo 29 no 10 52-57 166

PAYLODAR PROVINCE-PLANTS, PROTECTION OF In Pavlodar Province, N Brikumova, Zashch, tael, 11 no 11 42 '66,

PAYLODAR PROVINCE-SHEEP-DISEASES AND PESTS

Vibilosis of sheep in the notthern zone of Kazakhstan, A. V Gotts ov and others. Veterinarita 43 no 12; 25 D 166.

PAVLOV-SIL'VANSKII, NIKOLAI PAVLOVICH, 1869-1908

N. P. Pavlor-Sil'vanskir's materials in the archives of Lenlingrad. V. J. Muraties. Trody MGIAI 22:279-292

PAYMENT

Improve payments for construction and assembly work, P.D. Pudshivalenko Uch zap Kaf sov chon Vy3 part shkoly no 3 121 171 '64

Practice in introducing payments for the finished Mildlings and structures, S Lein Bron strot 8 no. 12 41-45 D '66

PEAS-FERTILIZERS AND MANURES see subdivision under Rostov Province

PEAS-HARVESTING

Mechanized harvesting of peas V. Chochia, A. Sicpanova Trudy GRUZNIMFS lia 8 no 2 79-88 462

PEASANT UPRISINGS

(see also subdivision under Ukraine)

Problems in the history of the Russian pensant wat s discussed in Soviet historical studies, 1917-1934. L.V. Voltov. Trudy MGIAI 22:151-171 '65.

PEASANTRY

(see also subdivision under Bryansk region, Great Britain, Tajikistan, Ural Mountain region, Zakataly region, Azerbaijan)

Characteristics of the social differentiation of Russian passents in the 17th and 18th centuries as discussed in Soviet historical studies — A. I. Komiasarenko, — Trudy MGIAI 22:133-149 465.

(see also subdivision under Polesye, Siberia, Western)

Aleksegva, V.A., and N.N.Kul'ba. [use of peat for litter; as exemplified by the "Gomontovo" State Farm] Ispol'zovanie torfa na podstifku, na opyte sovkhoza "Gomontovo" Leningrad, Kolos, 1965 47 p (DNAL)

PEAT....ANALYSIS

Deter mining ash elements in post by complexement ite method: Τ. Γ. Vardanian, O. B. Gasparian Soob Lab agrokhim An Arm SSR no 4:99-102 '61

Radioindicator method of studying thermal moisture transfer in the drying of crumb-like materials in thin layers on wet ground. M. P. Volarovich, N. I. Gamalanov, V. I. Smirnov, Koll. zhur. 28 no. 6,811-818 N. D. 166

PEAT-THERMAL PROPERTIES

Study of mechanism of raising quality of heat insulating slabs of pertusing thermal treatment. I I. Lishtvan C. V Mashalkin, hev. vys. ucheb. zav., strol. i arkhit 9 no. 9 61-66 166

PEAT BOGS see subdivision under Latvia

PEAT GASIFICATION

Aromatization of peat coke, N.D. Drozhalina, V.E. Rakovskii, Koks i khim, no. 10:32-35 '66.

PEAT INDUSTRY

Industrial production of peat litter; scientific and technical conference Inform, bid VDNKH no. 8:11 Ag 162.

Return of land Zemiedelic 28 no li;55 N '66

PEAT MACHINERY

Karakin, F.F., and V.I. IArcyltayn. [Handbook on anti-friction bearings for equipment and machines used in the peat industry] Sprayochnik po podshipnikam kache-niin dila oborudovanita i mashin torfianoi promyshlen-nosti. Moskva, Nedra, 1966. 147 p.

PEAT SOILS

(see also subdivision under Armenia)

Effect of tilings methods on the change in moisture and aeration conditions of the plow layer of peat soils differing in the degree of drainage. M. N. Mostovyi. Vcd. khoz. no 4:81-90 '66.

Using means of hydromechanization for vorting stumpy peat soils S.P. Ogorodnikov, A.A. Kalekin lucheb zas "stroi i arkhit. 9 no. 9 72-77 166 124, 059.

PECAN see subdivision under Georgia

PECHENGA REGION (MURMANSK PROVINCE)-ROCKS-ELASTIC PROPERTIES

Studying clastic properties of rocks from Peckinga rigion of hola Peninsula, under high pressures, in connection with its structure in depth N F. Galdin, Frudy Inst fiz Zem, no. 37 68-97 166

PECHORA BASIN-COAL MINES AND MINING-LABOR PRODUCTIVITY

Increasing economic efficiency of production is the main objective of miners of Volvatagol' Combine. B.N. Ignat'ev. L.D. Bithat. Ugol' 11 no 12:5-8 D '66

PECHORA BASIN-FROZEN GROUND

bornation of mine waters under conditions of discontin-uous distribution of permaticst, as revealed by study made in Yun'yaga deposit of Pechora confibasin I Northam, N.B. Kokanor, B. I IAkoviev Sov geol 9 no 11 103-112 N 166.

PECHORA BASIN-MINE WATER

Formation of mine waters under conditions of discontinusus distribution of permaticst, as revealed by study made in Yun'yaga deposit of Pechora coal basin I.A. Konchin, N.B. Kokunov, B.I. IAkovicv. Sov geol 9 no 11 103-112 N 166

PECHORA REGION (KOMI A. S.S.R.) - MANUSCRIPTS

Manuscript trip to the Pechara region of the Romi A.S.S.R in 1960, D M. Balashov, Trudy ODRL 18 420-425 462,

PECHORA VALLEY-RUNOFF

Character istics of atmospheric pressure and circulation in years with abnormalities in the water supply of the kama. Perhora, and Vychegda Rivers L. A Zhivko-Vest Mosk un Ser 5, Goog 21 no 6:93-95 N-D 66

PECHORO-ILYCH PRESERVE-MOOSE-DISEASES

Mose breeding hygiene, M. V. Kozhukhov, Biol. i prom-losta no 2:162-218 465.

PECTINASE

Kataeva, A.A., and L.N.Mendel'son. [Purified enzyma-tic preparations of pectinase in wine production] Ochishchemye fermentnye preparaty poktinazy v vinodel'-cheskom proizvodstve. Moskva, TsINYIPishcheprom,

[MICROFILM]

PECTOCELLHLOSE

Demonstration of 'free space' of pectocellulose mem-branes by means of negative contrast of ultrathin sec-tions R K, Sabiacv, M. P. Sabheva, B, K, IAkimov, TSitologiia 8 no. 5845-618 S-O '66.

PEDIATRICS

Basic aspects of scientific research in the field of pedi-atrice during 1980-1961 and further tasks of the pediatric science M IA. Studentkin R A Kalfuzhanin Vest AMN SSSR 17 no 10-3-14 '62

Skamsley, S.Sh. Clinical electrocardiography in chit-dren Klinicheskata elektrokardiografila u detel Tash-kent, Meditsina, 1906. 217 p kent, Means (DNLM)

PEGMATITES

(see also subdivision under Mama region, irkutsk

Province, Zirabulak Mountains)
Characteristics of inner structure of mica-bearing pegmotites. 1 V.Davidenko. Min.syr'e no. 14:44-64 '66.

Guide elements from mice-bearing pegmatite veins. IV. P. Smirnov. Razv. i okhr nedt 28 no 3,17-20 Mr

Metasomatic origin of spedumenization in pegmatites. A, P, Kochney Geol i geofiz. no. 9:150-153 166

PELVIC PLEXUS

Structure of the pelvic neural plexus in man. Mellman Dop. AN URSR no. 7:952-955

New clinical symptom in fractures of the pelvic bones. P.S. Drachur. Travmatologila no. 1:197-198 165.

PEMPHIGUS

Femphigus of the mucous membranes of the upper res-piratory tract S. M. Sultanova Azorb med zhur 4: no 2:82-86 F '63.

PENIC ILLIN

Changes in the permeability to penicillin of the hemato-encephalic barries in rabbits in apperimental staphylococcal infection. E.Rudzills. Pat.fiziol.i eksp.terap. no.3:62-83 '64.

Induction of synthesis of stephylococcal penicillinase by substances related to penicillins S. M. Chatkovskeia and others Antibiotiki 11 no 11 992-998 N 166.

and others Antibiotist 11 no 11 992-998 N 166.
Pontoillin content in the blood following experimental intra-sortic intramuscular injection. L. F. Zhavoronkova, V. IU. Gyindzhilita Eksper. khir i anest. 8 no 6:51-54 N-D 163

PENICILLINASE

Induction of synthesis of staphylococcal penicillinase ty substances related to penicilims S M Chatkovskaja and others Antibiotiki 11 no 11 992-098 N '66

PENICILLIUM-CULTURES AND CULTURE MEDIA

Organophosphorus compounds of Penicillium chrysn-genum, phosphorus of which is determined as ortho-phosphate I S Kulacv and others Doki. AN SSSR 171 no 2 173-176 N 466

Intraorganic lymphatic system of the human rents. D A. Spirin. Arkhanat., gist iembr. 44 no \$68-80 Mr 163.

Structure of penis in marmots, V.P. Chervickova Zool zhur 45 no 11 1712-1719 166,

PENSIONERS

Place in life IU. Osipov Sots, obesp. 41 no 12:18-21 D '66

(see also subdivision under Hungary; Ul'yanovsk, Yelan'-Kamysminsk, Volgograd Province)

Steps are taken, but. . . S. Smirnov. Sots, abesp. 41 no 12 53-55 D 466

PENTADECANOLIDE

PERTADELAROLIDE
Macrocyclic compounds, Part 7; Synthosis of cyclopents*
decanone (c. alton) and pentadecanolide (tibetolide),
E. P. Zukevich and others Zhar or b, kidra, 2 no li-2028-2031 N '66

PENTADIENE

Polymer ization of 4-methyl-1, 3-pentadiene and structure of polymers, I. A. Livshits, V. I. Stepanova, Vysokom. soed 8 no.10:1773-1777 O '66.

PENTANE

New method for obtaining 1,4-dibromopentane, O S Stepanova Khim, prom. [Uki | no. 3 36-38 JI-9 162

Resources of pentanes for chemical processing. A. I. Rabrina, V. I. Kuzimin, Trudy IGI 18:201-205 62.

PENTANEDIAMINE

The course of the placental stage in labor pathology using pachycat pine, isoverin and promedal N R Kokulenko Sov med 26 no 3:58-61 M 463.

PENTECOSTAL CHURCHES-CONTROVERSIAL LITERA-TURE

Evscey, G. [Ivan and Mar'la and Christ] Ivan da Mar'la i Khilistos. Saratoy, Priyolzhskog knizhnog izd-yo. Šaratov, Privolzhskoe knizhnec izd-vo, 1966. 169 p.

Moskalenko, A.T. [Pentecostalists] Piattdesiatniki. Moskva, Politizdat, 1968. 223 p. (Biblioteka 'Sovremennye religit")

Catalytic polymerization of ally benzene, 4-phenylbutene-L 5-phenylpentene-1, 5-phenylpentene-1, and a-allyi-naphthaline A.V. Topchlev, V. N. Andronov, C. I. Chernyi Naftakhimia 3 no 5:725-736 S-O '83

Odorous substances from mesityl oxide and aromatic hydrocarbons, preliminary report, G E, Svadkovskata A, I, Platova Trudy VNIISNDV no 7 35-36 '65.

Amines and ammonium compounds. Part 10: Synthesis of tertiary amines containing a-substituted 4-penten-2-ynyl group. A T.Babatan, K.TS. Tagmarian, E.S. Ananian Zhur.org.khim. 2 no.11:1084-1086 N '66

PENTOBARBITAL—PHYSIOLOGICAL EFFECT

Effect of substances interacting with cholinenergic and adrenergic structures on nembutal tremor in guinea pigs. N. V. Usakova - Trudy LPM1 no 32·159-164 | 65.

Chemical composition of spring wheat straw. A. P. Zabotina, M. I. Goriaev Gldroliz, i lesokhim, prom. 15 no. 4,12-13 '62,

PENTOSE PHOSPHATES

Some indices of pentose phosphate cycle in acute radiation sickness of dogs R.V. Trebukhina Radiobiologiia 6 no 5-766-768 466.

PENZA PROVINCE—COMBINES (AGRICULTURAL MACHINERY |-- PRODUCTION STANDARDS

There is need for justified output norms. V. Druzhloin. Ekon, sel'khoz. 42 no. 11,90-91 N '86.

PENZA PROVINCE --- MOTION-PICTURE FILM COLLEC-

A self-organized motion-picture library E. Lobankov. Nar. obi. no. 12:78-70 D 168

PEOPLE'S DEMOCRACIES

Chirkin, V.E. [Forms of the state in the phase of tran-sition to socialism] Formy gosudarstva, perekhodnogo k sotsialisticheskomu tipu. Moskva, IUrid, 111-ra,

PEPTIC ULCER

Chrome gastric and duodenal ulcers, D.A. Arapov Trudy Inst. im N.V. Sklif 7 10-17 163

Combination of ulcerous gastrointestinal hemorrhages with perforated ulcers C. V. Lutshevich Sov med 26 no 3,32-35 Mt 463

Comparative evaluation of late results of suturing and resection in perfecting gastric and duodenal ulcers E L Grinshpun. Trudy Inst. im. N. V Sklif 7 58-61

Dynamics of changes in the intraorganic lymphatic system of the centine stomach in experimental ulcer NA Krothova Aikh anat., gist i embi 14 no 3 108-114

Electric potentials of the brain in gastric and duodenal ulcers, E.S Lokshina Trudy Inst im N.V Sklif. 7 42-53 63

Presions and acute ulcors of the stomach and duodenum according to the materials of the pathoanatomical sce-tion V.F.Kaliteevskoia Trudy Inst. im N.V Skliff 7 100-106 463

Gastroenterocolic fistula and its surgical treatment D. A. Arapov. N.5. Vieshev Khirurgiie 39 no 2:124-129 F '63.

Hemmorhage from gastric and duodenal ulcers, B. Batta-carya Trude Inst. im, N. V. Sklif 7 74-76 '63

Immediate and late results of suturing perforating gastroduodonal ulcers, Z. I. Besfamil'naia Trudy Inst. m N V. Sklif 7 95-97 '63.

Information gained by repeated operations on the stomach in peptic vice: V.I. Pshchichnikov Trudy Inst. im N.V. Sklif. 7 87-85 '63

Leiomyoma of the duodenum simulating peptic ulcer, N M Sokolina, G.V Voronkin Khirurgiia 12 no 11 135-136 N 166

Limits for radicalism in the surgical treatment of perfor attors and ulcorous hemorrhages A.T. Lidskii, Trudy Inst. im. N. V. Sklif. 7 53-58 *63

Peptic ulcers following gastric surgery, and repeated operations in their presence P.L. Androsov Inst. im. N. V. Sklif. 7 38-41 163

Peptic ulcors of the large intestine in esophogoplasty.

B. A. Petrov. P. P. Sytnik. Khirungtin 39 no. 2:107-112

r 463

Perforating gastric and duodenal ulcers in the clinic of emorgency surgery, S.V. Lobachev, O. I Vinogradova, Trudy Inst. im. N.V. Sklif. 7:17-25 '63

Relaparotomy following resection of the stomach for pep-tic ulcer N.S Uteshev, Trudy Inst. im. N. V. Skiif, 7:07-100 163

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Surgeon's tactics in profuse homorrage of an ulcerous nature I.K Pipia, A.L Kurtsikidze. Trudy Inst im N.V Sklif. 760-74 •63

Surgeon's tactics in alcorous hemorrhages, B. A. Petrov, I I. Kucherenko 1rudy Inst im N. V. Sklif 7:28-33

Therapeutic activity of quateleron in paptic ulcer Lurhis, F. S. Ryss Sov med 26 no 3:35-38 Mi '63

PEPTIC ULCER-MORTALITY

Analysis of the lethality in porforating ulcers of the stornach and duodemun, based on materials of the N V.Sklitosovskii Institute for the period 1943-1959 N I. Kozintsev Trudy Inst. im. N. V. Sklif. 7 136-142

PEPTDES

Amino acid analysis of proteins and peptides by thin-layer electrophoreus method combined with chroma-tography. G S Katrukha, Zh. P Tifamova, A B Silacy Khim, prirod soed, no 5:348-35; '06.

Effect of basal polypeptides on cleavage of sea urchin eggs V.I.Vorob'ev, T.A.Sink nova. TSttologila 8 no. 5:856-858 S-O '66

High-voitage electrophoretic separation of amino acids and peptides. O. L. Pollanovskii. Vop. med khim. 12 no. 6:581-586 N-D '66.

V. G. Dabsbov. O. B. Astamova, V. D. Davydov Blokhimita 31 no 6:1253-1256 N-D '66

Microglobulin synthesized by complexes of collutosefixed peptide chains of YG-globulin and corresponding antibodies. R. S. Nezlin, L. M. Kul'pina. Biokhimiia 31 no 6:1257-1203 N-D '66

Some pharmacological properties of the antiblotic neotelomycin of the polypeptide group V G. Stolanik, O Sh. Dzheksenbaev Antibiotiki II no. 11:1007-1011 N 166.
Study of the role of different poptide chains of antibodies

in the entigen-antibody reaction. F. Franck, R S. Nezlin, Bickhimija 28 no 2:193-203 Mr-Ap 163.

Synthesis of \$-(4-hydroxy-6-methylpyrimidyl-2)-alanine peptides, IU. P. Shvachkin, L. A. Syrtsova. Vest. Mosk. un. Ser. 2: Khim. 17 no. 5:85-86 S-O '62.

PEPTIDES-ANALYSIS

Chromatographic separation and allergenic activity of peptides isolated from strain Dt/St of Mycobacte inm tuberculosis. V. I. Degtierenko, A. IA, Rozanov. Zhur. milerobiol., epid i immun. 43 no 11:29-33 N '66.

PERCE PTION

Age-related mobility of human basic nervous processes, A. E. Khill chenko, L. N. Kun l chi, N. F. Kun kehi, Vop. psikhol, 12 no 5 123-128 N-D '66,

L. S. Vygotskil's role in the development of the problems of perception. A. V. Zapor ozbets. Vop. parkhol. 12 no 6:13-24 N-D '66.

PERCHLORATES, EFFECT OF RADIATION ON

Radiation chemistry of exychictine compounds. Part 6, Van Ven-sin' [Wang Wêng-hain], L. T. Bugrenyo V N Brievskit Zhur, fir thim 40 no. 11 2764-2770 N 166

PERCHLORIC ACID

Study of complex formation of beryllium by means of ion exchange Report No 1 Behavior of beryllium in solutions of perchloric and sulfuric acids T A. Beliavskaia, I. F. Kolosova Vest Mosk un Scr 2: Khim 17 no. 5:55-59 S-O '62

Two-term formula describing the resistance of porous media. B.F. Stenochkin PMTF no 3 11/-120 My-Je 162.

PERENNIALS see subdivision under Barnaul; Gorno-Altaysk

PERESLAVL'-ZALESSKIY DISTRICT—COOPERATIVE SOCIETIES—EMPLOYEES

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PERESLAVL'-ZALESSKIY DISTRICT-MOOSE HUNTING Management of moose in Pereslavi! State Forestry and Hunting Farm, V.O Illin ikii, Biol i prominista Hunting Farm, V, no 2:259-261 165,

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PERFUSION PUMP (HEART)

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Prevention of hyperadrenalemia and vascular spasm during hypothermal perfusion in surgery on the heart G M.Solov'ev and others. Trudy 1-go MMI 13 95-102

State of the acid-base equilibrium in early postoperative period of hypothermic perfusions. G.M. Solovlev. M.IA. Khodas. Khirurgita 42 no 11 114-120 N. 66

Pneumomediastinography in the diagnosis of pericardial cysts. L. N. Tishchenko Trudy Novobuz GIDUVa 32-80-83 '65

PERICARDIUM-WOUNDS AND INJURIES

Wounds of the heat and pericardium. R.S. Manukian, A.Z. Mamedov. Azerb. med. zhur 40 no. 2:49-55 F '63.

PERIODIC DISEASE

So-called periodic disease (diencephalic syndrome). M.R. Nazirov, T.P. Glashvina. Azerb, med 7hur. 40 no.2; 77-92 F '63.

PERIODIC LAW

Catalytic activity of metals as depending on their position in peri odic table. A M Sokol'skaia and others.
Trudy Inst. khim, nauk AN Kazakh SSR 11'200-209 '68.

PERIODICALS-CATALOGS

Cataloging of foreign periodicals in the Central Library of the Academy of Sciences of the Patonian S.S.R. L.A. Liblik Opyl rab bibliot, s inoutr lit. no 4 21-28 '61.

Classification and cataloging of foreign periodicals in the Scientific Library of Saratov University L.B. Levina, N.P. Nikitin Opyt rab bibliot.s inostr lit no --11-23 '61.

Characteristics of the coarse of experimental peritoritis following the use of ganglionic-blocking agents. F. M. Neiko, V.V. Nevelichak. Pot fiziol.icksp.terap.

Pathogenesis of biliary peritoritis and cholecystitis caused by the enzymatic action of pancreatic juice. V.B Troitskain, T.V.Shask Pat.fiziol.i eksp.terap. no 3; 60-63 164

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Using perlite in bodies for household porcelain, I Khizanishvili, R.A. Mamaladre, Stek, i ker. 23 no. 11:37-38 N '66,

Using perlites in the production of heat-insulating articles K Vermisher, A Akopian Prom Arm 9 no 10 17-19 166

PERM-WHARVES

Profabricated sectional design for quay. G.I Shenderei Transp stroi 11 no 1127-30 N '61

PERM PROVINCE-BIOGRAPHY

[Heroes of Balhalin Gol] Gerol Khalkhin-Gola . [Perm'] Permskoe knizhnoe izd-vo, 1966. 120 p

PERM PROVINCE—COAL GEOLOGY

Ct oss hedding of sandstones of cost measures of Kizel and Chusovoy regions V. I. Pakhomov, V. P. Ketov Nouch trudy Perm pointekh inst no 12/21-28 pt 1 162

PERM PROVINCE—COAL MINES AND MINING Wide scope P Evstkov Sov shaklit 12 no 4 21

PERM PROVINCE-EDUCATION, RURAL

Andrei Gavrilovich - I Cheliudskith - Semija i shkola 21 no. 12 37-39 - D | 66

PERM PROVINCE-HOSPITALS, RURAL

You were expected to come, Antoninal S. Cienina. Mol. komm no. 3:56-60 Mi '61

PERM PROVINCE-LAW-STUDY AND TEACHING A "faculty of legal knowledge." Sots. 73km, 43 no.12;

PERM PROVINCE—RADIOBROADCASTING

Instructive example, M. Siepanov, Sov, radio i tel. 12 no. 6,21-25 Je 163,

PERM PROVINCE—RURAL ELECTRIFICATION

Integrated construction of electric installations. P. Lip-kin Self, strot 16 no 11:14-15 N 161

PERM PROVINCE-TELEVISION BROADCASTING

Instructive example. M. Stepanov. Sov. radio i tel. 12 no. 6;24-25 Je *63.

PERM REGION-GUIDE BOOKS

Volkov, A.M. [Environs of Perm; a guidebook for vaca-tionists] Okrestnostt Permi, spravochnik v pomosinch' oldykhalushchim. Perm', Permskoc knizimoc izd-vo, 1005, 101 p.

PERM REGION —TERRACES (GEOLOGY)

Terraces of Kama and its tributaries in Perm region N. V. Vvedenskata Nauch trudy Perm politekh inst no 12,85-99 pt 1 '62

PERMAFROST see Frozen ground

PERMITIN, EFIM NIKOLAEVICH, 1805-

Mantorov, G.V. [Efim Permitlin; a sketch of his life and works] Efim Permitlin, ocherk zhizni i tvrochestva. [Moskva] Mosk.1abochil, 1966 166 p

PERMITTIVITY see Dielectric constant

PEROVSKITE

Autoclaye stripping of perovskite concentrate. V. M. Kostrikin, B. N. Melent'ev. V. A. Rezuichenko. Min. syr'e no.13:63-69 '66.

PEROXIDASES

Effect of large doses of extract from the belladona root, Stact of large closes of extract from the belladona root, used in the treatment of Parkinson's disease, on peroxidase detection. Report No.1: Determination of the peroxidase in the skeletal nuecles of mammals under normal conditions and following belladona injection IA K, Osipova Dokl. AN BSSR 6 no.0:596-600

Mitochondrial peroxidese and its possible role in oxidative processes T. M. Ivanova, M. A. Davydova, H. A. Rubin Biokhimia 31 no 6,1167-1173 N.-D '56.

Explosive properties of organic peroxides. V. L. Antonovskii and others. Khim. prom. 42 no. 12: 897-900 D 166.

897-900 D '00.

Formation and transformation of per exide compounds in radiation-induced exidation of hydrocarbons, M. F. Romantsev, V. V. Sarseva, Zhur, II.z. khim, 40 no. 11; 2789-2864 N '66.

Kinetics of reactions of saturated hydrocarbon polymers initiated by perexides, R Rado Vysokom, seed, 4 no. 11748-1751 N '02.

initiated by peroxides, R Rado 4 no.11.1746-1751 N 62,

Synthesis of others of 2, 5-dimethyl-2, 5-hevane bishydi operoxide. V.S. Carkusha-Bozhko and others. Ukr. khim, zhur. 32 no 12:1315-1316 *86.

Thin layer chromatography of organic peroxides, M.M. Buzlanova, V.F. Stepanovskaia, V.L. Antonovskii, Zhur, anal. khim. 21 no. 12/1491-1494 466

Titrimetric determination of tantalum as a phosphorotantalum peroxide complex. A, K, Babko, I, G, Lukianets, Zhui, anal, khim. 21 no. 12;1430-1435 '66,

PERSIAN LANUGAGE-TERMS AND PHRASES

"Karanda" as a social category, A A, Egani, Nar. Az. i Air. no. 6:106-113 (66.

PERSIMMON see subdivision under Georgia

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PERSONAL PATHRIES.

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PERTURBATION

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Refreation in sistem with suddent, changing perturbation in provents of correlation between its successive values of Hurshtein, HU Scheledchik. Zhur ekspriteor fix in o 4 1071-1033 O '66

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PESCHANYY ISLAND (CASPIAN SEA)-PETROLEUM

Increase of the resources of ray material for the produc-tion of a ration oils. R.Sh. kution and others. Khim i tech topl i masor. 11 no. 11 22-24 N. 166

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khan' series in the Peschany)-more oil field. L.I Gol'dina, Azerb neft shoz, 42 no 3;6-9 Mr '63,

Analyzing DDT and hexachlorocyclohevane mixtures in pesticide preparations S F Bezuglyi, T N Lunina Khim v ecli khoz, i no 12:34-35 D 166

Methods for using poisonous chemicals. Z. Khiadek. Zasheh rast il no ll-54-56 '66.

New preparations A. Zen'kevich, Zashch, rast, 11 no 11 56-57 468

New sanitary regulations. Zashch, rast. 11 no.11;36 '66. Protection of plants against posts and diseases. Inform bird VDNRH no 9 H-12 S '62

PESTICIDES—RESEARCH see subdivision under Kiev

PETERSON, OL'GA PETROVNA, 1906-

66th birthday of O. P. Peterson. Vop virus. 11 no 5 629 5-0 '66

PETRIKOV DISTRICT-STOCK AND STOCKBREEDING-MANAGEMENT

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Fiftin V.1. [Petroleum, gas, and petrochemical indus-fries and their role in creating the productive forces of communism | Neftianain, gazovaia, neftekhimicheskain industria i ee rol'v seozdanii protzvoditel'nykh sil kommunizma, [Groznyi] Checheno-ingushskoe knizh-nom izd-vo, 1965. 77 p.

New boundaries of the petroleum refining and petrochemical industry. D.1. Notkin. Khim, i tekh, topl, i masel, 11 no. 11 1-5 N '66.

PETROCHEMICAL INDUSTRY—EQUIPMENT AND SUPPLIES

Use of network schedule graphs in the main repairs of technological units. A G. Atslanov, V E. Tishchenko Khim i tekh. topi. i masei. 11 no 11:37-38 N '66,

PETROCHEMICAL INDUSTRY—FUEL CONSUMPTION Economy of fuel in the petroleum tellning and petrochemical undustry IA G. Sorem Khim them topi, i masel II no.11,13-37 N '66

PETROCHEMICAL INDUSTRY-HYGIENIC ASPECTS 600 s.wdlvision under Bashkirin

PETROCHEMICAL PLANTS-EQUIPMENT AND SUPPLIES

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PETROGLYPHS see subdivision under Daghestan; Surkhan-Darya Province, Tom' Valley

PETROGRAPHIC MICROSCOPE

Hypogene changes to red in hydrothermat deposits G. Varvant 12v AN Kazakh SSR, Ser geol, 24 no 5 27-38 S-O '66

Quantitative methods of studying properties of ore minerals and their use. I.A. Pudovkina, E.G. Riabava, E.K. Iksenova Min syr'e no 12 5-52 '66

(see also subdivision under Peschanyy Island, Caspian Sea, Siber ia, Western)

Kinetics of the formation of toke during the cracking of the group components of petrofeum residues M. E. Lamter and others. Khim i tesh topl. i masel 11 no. 11:25-2 : N '66

PETROLEUM—ANALYSIS

(see also subdivision under Dnieper-Donets Lowland, Peschanyy Island Oli Field, Zyrya Oli Field)

Comparative evaluation of the packing and of the fractionating capacity of various laboratory columns A h Manovian, D A Fluctuational, hilm, i tech topl, i masel. 11 no, 11,42-47 N '66,

Sampler of pipeline fluids. V S. Shebelev. Mash, I noft, obot, no. 9 41-12 '66,

PETROLCUM—CONGRESSES

Conference on petroleum in Hungary S. R. Sergienko, 12v AN Turk, SSR, Scr. fiz -tekh , khim i grol nauk no. 4-124-127 '62

PETROLEUM-MICROBIOLOGY

(see also subdivision under Sagnalin)
Distribution of bacteria (a ground waters as related to
osidation reduction conditions Z I Kurnetsoya,
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Obtaining by means of natural adaptation various types of micro-organisms capable of assimilating and converting petrolum fractions; used in dewaxing and protein synthesis K Gatell'e Nefterhimita 3 no 5,811-812 S-O '63

PETROLEUM-STORAGE

Introducing results of research carried out by Petroleum Transportation Research Institute L.G. kolpakov. E.V Lohanov. L.P Sidorenko Transp i khi an nefti, i nefteprod no 10 33-34 466.

Plant tests of a unit for preventing paraffin deposition on tanks bottoms Neft khoz il no. 9 61-65 S 163.

Remote control gauging of liquid levels in tanks using selsyn (tansmission, N. M. Sarkisov, J. I. Chubov, V. G., Ulianov, Transp i khran, neftl i nefteprod no 10-10-12 '66.

PETROLEUM-TRANSPORTATION

(see also subdivision under Caucasus, Northern) Effect of gravitational and surface forces on the flow rate factor of external cylindrical fittings Z i.Geller, IU. A. Skobeltsyn Neft khoz il no 9,65-67 S '63,

Introducing results of research carried out by Petroleum Transpot tation Research Institute, L. G. Kolpakov, E. V. Lobanov, L. P. Sidotenko, Transp. i khran. nefti i neftepiod, no 10 33-34 *86

Routing for liquid cargo transportation V. M. Atroshchenko, V. I. Triseev, N. I. Shitikov Zhei dor transp. 48 no ll·15-16 N '66

PETROLEUM, HEATING OF

Some technical and economic problems of long-distance pipeline transportation of Mangyahlak oil V.N., Diagterev, A.V.Fomtcheva, A.A Mikhaliskii Transp. I khran nefti, i nefteprod no 10 17-21 166.

PETROLEUM AS FUEL

Method for the evaluation of corresive proporties of fuels and the effectiveness of anticorrosive additives.

E. S. Churshukov and others. Khim, I tekh topl. I
masel II no. 12:54-58 D 168,

PETROLEUM ENGINEERING

Linear transformation of a percolating flow. Ch. T. Khahullin. PMTF no. 3:102-104 My-Je 162

Unsteady flow of an elastic liquid toward a well in an inhomogeneous medium, V.A. Maksimov, PMTF no. 3 109-112 My-Je 162.

PETROLEUM GEOLOGY

ETROLEUM GEOLOGY

(see also subdivision under Apsheron Peninsula,
Anys' Valley, Asia, Dashkh is; Caucasus, Monthan,
Daghestan, Darvin Shoal Oil Field, Duloper-Dom to
Lowland, Forgana Valley, Georgyany-Mone Oil
Field, Komi A. S. S. R., Kunroch Range; Kura
Lowland; Kyurovday Oil Field, Kyzyi Kun, I vev
Province, Mishovday Oil Field; Orenburg Droyhae;
Peschanyy-More Oil Field, Romadanoyka Oil
Field, Second Bakn, Siberka, Eastonn; Tatar A. S. S. R.,
Transcarpathia, Turkmenistan, Ukraine, Volga Volley,
Wost Siberkan Plain; White Russia, Zachepiloyka Oil
Field! Field)

Akademila nauk UNSR. Institut geologit i geokhimit gorluchikh iskopaemykh. [Problem of petroleum und gas origin and the formation of their commercial prest.] Problema projekhozbdenila nefti i gaza Tobrazov trije ikh promyshlennykh zalezbet. Klev, Naukova dumba, 1906. 185 p

Increasing oil resources is main object of petroleum production industry in current five years plan, in desirable of geologic conference in Kramodar (2) A line in the I V Podpaskova (Neffegiez, peol i grafiz (n. 1222)

Institut geologil i razvabotki goriuchliki iskopacnyki. Facies and conditions of formation of oil- and gam-producing series! Fatsif i uslovita formitovadia nete-gazoproizvodiashchikh svit. Muskva, Nauka, 1900.

Prospects for finding new oll and gos fields in early it areas of Furopean part of U.S.S.R. A.A.B. isting and others. Say gool 9 no.11,4-8 N 466

PETROLEUM GEOLOGY-CONGRESSES

Results of the our session of the State Committee for Mineral Resources at the Conneil of Minister was t U.S.S.R. held in Tyumen', G.H. Kardinkova, Med. GKZ no 1:91-96 466.

PETROLEUM GEOLOGY-TABLES, CALCULATIONS,

Determining the mean value of parameters of a point depending upon their variability and the positioning of wells, M. N. Kochetov, Mol take no, 1:18-an un.

PETROLEUM INDUSTRY

(see also subdivision under Near East; Sucond Baku; Turkmenletan; Ukraine)

Entering the year of the 10th anniversary of the Great October Revolution Neftland II no II 1-2 N 166

Fil'kin, V.I. [Petroleum, gas, and petrochemical industries and their role in creating the productive force colcommutam] Neftimala, gazowia, nefteletimichen dia industrifat de rol'v sozdani proizvoditel'ayki sil kommutzma. [Groznyl] Checheno-Ingushakov knizh-noe izd-vo, 1965. [77 p.]

Pourth Pienum of Central Committee of our Trade Unit a A. Bohatan Nettingty 11 no. 11-17-19 N 406

Honorary title and honorary diplomas to workers of petroloum production, gas processing, and off refining industries. Nettingle II no. II 9-10 N 466

PETROLEUM INDUSTRY-CONGRESSES

(see also subdivision under Tomsk Province) Sixth International Petroleum Congress. 15.1 Sunfa Neftekhimito 3 no 5:813-815 S-O '63.

PETROLEUM INDUSTRY-SAFETY MIASURES

On what coworkers of All-Union Scientific Research Institute of Safety Uniting are working. A Mark kovich. Neftianik II no 11:22-23 N 166.

PETROLEUM MINING

Use of mining methods in development of all pools as means for increasing oil production M. I. Akharedow, F. M. Ivanov, Azerb, neft, khoz. 45 na. 12;21-27 B. 166.

PETROLEUM PIPELINES

(see also subdivision under Shorta, United States, Ural Mountain region)

Markova, A. N., and M. F. Smirnov. [Technical and cco-nomic basis for dövelopment of a phelino system for petroleum products] Tekiniko-ekonomichoskog observe-vante razvitha seti nefteproduktoprovodov. Mookva, Nedra, 1966. 60 p.

Some technical and conomic problems of long-distance pipoline transportation of Mangyshiak ult. V N Diagleray, A. V. Fomicheva, A. A. Mikhallskii transpikhran, nefti i nefteprod no. 10:17-21 '66,

PETROLEUM PIPELINES—COST OF OPERATION

Selection of optimum regimes for pumping high -pour paraffin-base patroleums A.I. Kazubov, V.I. Cherrokin. Transp. 1 khran nefti i nefteprod. no.10:3-5 188.

Some problems of economic exploitation of pipelines in the period of their development to planned capacity, V. t. Eronen, L. G. Kolpakov, V. G. Voledin, Transpir khran, neitr, i neiteprod — no. 10-22-24-168,

Petroleum Pipelines—fluid Dynamics Motion of conjealing off in a round pipe in an ultrascultifield E. M. Skublevskii, A. I. Mekhellman. Neft 1 gsz. prom. no 3:52-53 N-5 '63. DETROLEUM DIPELINES-FLUID DYNAMICS (Continued)

Solection of optimum regimes for pumping high-pour paraffin-base petroleums A.I. Kalubol, V.I. Chernikin Transp. i.khi an nefti i nefteprod - no 10 3-3 466

PETROLEUM PRODUCTION

(see also subdivision under Bashkiria, Borislay Oli Field, Malgobek region, Chechen-Ingush A.S.S.R., Tatar A.S.S.R.)

Tatar A.S. S.R.)

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Shinkarev, N.F. [Upper Paleozoic igneous activity of the Turkestan and Alay Ranges] Verkhnepaleozoiskii magmatlam Turkestano-Alaia. [Loningrad] Izd-vo Leningramury, 1966—150 p.

PETROLOGY-CONGRESSES ace subdivision under

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Status of some immunobiological properties of the blood in patients with burn disease following transfusion of protein hydrolysates, M.M. Petrov. Probl. gemat. i perci. brovl. B no. 2:41-14 F '61.

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Allosteric regulation of enzyme activity. S. A. Neifakh Trudy LPMI no 32:103-116 '65

Biological tasks of pharmacology S. V. Anichkov Trudy LPMI no 32 8-14 465 Blood augar level and state of the β -cells in the islands of

Langerhans following administration of some antitly: old preparations and disboral R V Rudyi. A. P. Dyben. Problemdok i germ 0 no 1:44-50 Ja-F '63

Concept of Paviovian nervism in pharmacology; on the 70th Litthday and the 50th anniversary of the scientific activity of Professor S.V. Anichkov, active member of the Academy of Medical Sciences of the U.S.S.R. D.A. Birlukov, Fiziol, zhur. 48 no 10-1287-1289 O '62,

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Pharmacological properties of indepane (a-methylitypta-mine hydrochierida). M D Mashkovskii, T. K Trubitsyna, Zhur nevi i psikh 63 no 1:73-78 '63.

Pharmacology of conditioned reflexes, S. V. Anichkov. Zhur, vys, nerv, deist, 12 no 3;391-398 My-Je 62,

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Hydrogen distribution between phases in $(a + \beta)$ -titanium alloys. B. A. Kolachev, V. A. Livanov, A. A. Bukha-nova. Trudy MATI no. 66:76-86 '66.

Isothermal transformation in titanium-chromium alloys, D. IA. Vishniskov and others. Trudy MATI no. 66:53-62

Isothermal transformations in titanium-melybjenum alloys, E. A. Kolachev and others. Trudy MATI no. 68-39-52 '66.

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Stable and metastable equilibrium diagram of the Cd - Sb system K. A Dobryden', VI. Psarev. Zhur, fiz khim 40 no 11 2894-2896 N '65.

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Economic estimate or the effectiveness of the production of phenoplasis B G.Grigor 'ev, A.G. Faigor odov. Phys. mass. no 12 27-31 '68

Heat-cuted epoty-novolak compositions and the effective-ness of their attrization A P Nikolaev and others Plast massy no 12 13-16 '56

Plast mass, no 12 (1-10 to Synthesis and study of polymens obtained by polycondensation of 1. 4-bis-(n-oxybenzyl)-benzyl and 1. 4-bis-(n-oxybenzyl)-benzyl and 1. 4-bis-(n-oxybenzyl) benzene with formaldchyde. IU, E, Doroshen-to and others. Vysorom seed. 8 no 10-1787-1792

Synthesis of polymethylenepolyphenylene polyamines A, A, Zalikin, I A, Shepikheev Trudy MKHTI no 42.

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Odorous substances from allylphonols. Part 12' Synthisis of odorous substances from cycloccylphonols. A.S. Podberezina, L.A. Kheifits. Zhur. org khim 2045-2048 N '66'

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Some features of phenol alkylation by tetramethylethylene Relation between structure and odo: in the series of substituted isohevyleyelohe anones. L. A. Kheffils, IU. Gura, A. S. Podberczina Trudy VNIISNDV no. 7 57-

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Provintive action of aminazine and diprazine in experimental neurogenic shock. LeV. Krushinukii, L. P. Dohnokhotova. Pat tiziol, eksp. terup. no. 301-32. [61]

Therapy of allergic skin diseases by intransporting the jections of pipolphen A \ Nemets Sov med 4, no 3,117-118 Mi \ \frac{1}{16}

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- PROPERTY ASSES

 Changes in alkaline phosphatase activity in neurons of spinal gengita of cat following resection of rectum and sigmoid colon. A. P. Amyros'ev. Dokl AN BSSR 10 no 9 710-714. S. '66.

 Clinical sigmificance of transaminase and phosphatase enzymes in Botkin's disease. N.B. Tagieva. Azerb med. Thut. 10 no 1,32-38 pp. '63.
- Dynamics of changes in nonspecific phosphilases in contral nervous sistem of white mice infected with human ncute encephalom yelitis virus K. A Vanag V V
 Malinovskara, F K Bychkova Vop virus il no 5 564-570 S-O 184
- Fifect of pH on the kinetics of sodium phenyl phosphate hydrolysis by alkaline phosphateae N I, Ryhekhina Biothimiia 28 no 2:321-325 Mr-Ap 163
- Significance of deter mining alkaline phosphatase of leuco-cytes for the diagnosts of disorders of the cerebral blood circulation. M (Simbleb, V.I. Shmytev, A Ashman, Zhur, nov., I pulk), 67 no. 1 29-32 107.

PHOSPHATE MINES AND MINING see subdivision under Chulakiau (Kazakhstan)

PHOSPHATES

- Isolation of acetyl and citril phosphates from liver homogenates following transformation of citric acid, Hulyi, T. M. Pechonova. Ukr blokhim zhu... 3 514-517 '66
- Use of nanganese-containing slag in the manufacture of granulated superphosphate BS Kavantskain, N.M., Shkol'nik, L.M.Gnerdilova Khim prom 42 no. 12 934-935 D 166.

PHCSPHATES-EFFECT ON PLANTS see Plants, Effect of phosphates on

PHOSPHATIDES

- Phospholipids in rat brain in ontogenesis. K.G. Manukian, A. A. Smirnov, E. V. Chirkovskaia Biokhimila 27 no. 5:859-865 S-O '62.
- Phosphorus metabolism of phospholipids in the brain in ontogenesis

 K. G. Manukian, A. A. Smirnov, E. V.
 Chirkovskala

 Biokhimia 28 no 2;246-252 Mr-Ap 63.

DIFFERENCE

Radioactive beryllium climination from organism by com-plexing compounds O.G. Arkhipova, M.R. Zelliser, A A. Petuslikov Radiobiologiia 6 no 5 751-755 '66

PROSPHINE SULFIDE

Comparison of some blochemical and hematological characteristics in radiation sickness and following effect of allylating agents as exemplified by Thio-FEPA A.V. Alexenko and others Radiobiologia 8 no 5 7t8-723 186

PHOSPHINE SULFIDE—PHYSIOLOGICAL EFFECT

Effect of Thio-TEPA on the kinetics of the growth of Walker's carcinosa coma-256 V, N. Erokhin and others Vap. onk, 12 no 11 58-61 '66

PROSPHINE SULFIDE -- THERAPEUTIC USE

Use of thio TEPA in the treatment of breast cancer. V. I. Ivanitskaia. Vop. onk 9 no. 3 103-108 '63.

PHOSPHINIC ACID

S) athoris and polymerization of allyl and methacrylic esters of alkylphosphinic acids L. P. Raskina, L. N. Turovskaja, A. A. Berlin Plast massy no 12-7-10 '66

PHOSPHOFRUCTOKINASE

Study of conformational changes in 6-phosphofructokinase as affected by allosteric inhibitor D. S. Markovic others Biokhimita 31 no 6-1225-1238 N-D '66 D. S Man kovich and

PHOSPHOMOLYEDIC ACIDS

- Effect of copper ions on reduction of synthesized phosphomolybdic acid with sodium sulfite L. P. TSyganok, B. E. Reznik. Zhur, anal khim 21 no 10 1227-1231 '66,
- Extraction photometric determination of phosphorus as reduced saft anine phosphoromolybdate. F. P. Sudakov, V.I. Klitina, T. IA. Den'shova, Zhur, ami, khim, 21 no. ll 1933-1341 '66.

PHOSPHONETRILE CHLORIDE

Decaborane-phosphonitrile compounds, N.T. Kuznetsov. Izv. AN SSSR. Neorg mat. 2 no. 12 2258-2259 D 466.

PHOSPHOPYRHVIC CARBOXYLASE

Phosphopyruvic carboxylase of the cellular fractions of the renal certical substance and the effect of hydro-certisons on the activity of this enzyme. M.S. Usatenko. Vep.mad.khim. 12 no 6:644-645 N-D '66

PROSPHORANE

Reaction of aminophosphoranes with acid anhydrides, L. 1, Mizrakh, L. IU, Sandalova, V, P, Evdakov, Dokt, AN SSSR 171 no 5:1116-1119 D '66,

PHOSPHORESCENCE

Unit for studying phosphorescence of micro-objects, IA.S. Poliakov, IU.M. Rozanov, E.M. Brumberg, TSitologiia 8 no. 5:677-681 S-O 186,

PHOSPHORESCENCE-SPECTRA

Protein phosphorescence spectra at arrows temperatures, S. V. Konev, V. P. Bobrovich, Dota, AN BSSR 10 no 10,786-788 O 166

PHOSPHORIC ACID

- Extraction of titanium with 2-ethylhexylphosphoric acids.

 Report No. 2 Compleximent is determination of titanium in icextraction solution IU B. Kletnik, I \ Bykhov-skara Zhur anal, khim 21 po 12 1490-1501 b6
- Interaction of phosphoric acid with some for me of alumina A, S. IUtina, Z, D, Zimłova, S, V, Lyask Izv AN SSSR, Neorgamat 2 no 11 2020-2028 N '66
- Production of phosphoric noid of 17-50% P₂O₅ concentration in semilydrate process S. K. Vostrobenskii, R. M. Sercbrianaia, Khim, prom. 12 no. 12,412-913 D #86.
- P.L. Sanin, F.S. Shepeleva, V.V. Shor Neffekhireita 3 no 5 781-791 S-O '63
- Thrimetric determination of tantalum as a phosphototantalum perovide complex A K Babko, f G Lukianets Zhur, anal, khim. 21 no.12 1430 1435 466.

PHOSPHORIC TRIAMIDE

Thermal decomposition of phosphoryl amide T.D. Averbukh, N. P. Balina, L. V. Alpatova Vysokom 100d. 8 no. 10:1754-1759 O '66

PHOSPHOROUS ACID

- Listers of pyrocatecholphosphorous acid as stabilizers of polyvinylchloride P.A.Kirpichnikov and others, Plast massy no 13 21-25 '66.
- Reaction of heavylideness, 3-indandione with dialkylphos-phorous acids. B A Arburov and others Dokl, AN SSR 171 no. 5 1007-1100 D '66

PHOSPHORS

- Chemiluminescence of inzigrula reacting with hydrogen peroxide in presence of metal ions. A K Rabko, L.1, Dubovenko, A.V. Terletskala, Ukr khim zhur, 12 no.12;1326-1330 '66
- Electroluminescence of ZnS -- Cu, Al-phosphor due to pulse excitation, A.K.Kozhevnikov, V.A. Pilipovich Dokl AN BSSR 6 no 8 480-491 Ag '62
- Time dependent laws governing into nal electrolumines-conce of AnS-Cu. Al phosphors A M Bonch-Buewich, A V Burlakov Fiz tver tela 8 no 7:2062-2067 Jl '66

PHOSPHORUS—ANALYSIS

- Extraction-photometric determination of phosphorus as reduced saft arine phosphor omolyhdate. F. P. Sudakov, V.I. Kiltina, T. IA. Denishova, Zhur, anal, khim, 21 no, 11,1333-1341 166.
- Polarographic determination of yellow phosphoins in ethanol solutions. A. P. Tomilov, I. M. Osadchenko. Zhur, anal khim. 21 no 12 1498-1499 '56,
- PHOSPHORUS-EFFECT ON PLANTS see Plants, Effect of phosphorus on

PHOSPHORUS BACTERIA see Bacteria, Phosphorus

PHOSPHORUS COMPOUNDS

Light and der kness effect on acid-soluble phosphorus compound content in green alga Scenedesmus obliquus Kuits M. V. Pakhomova, G. T. Dankanbheva, G. N. Zaitseva Biokhimita il no 6-1237-1216 N-D '66

PHOSPHORUS IN THE BODY

Inorganic orthophosphate and phosphoproteins in the combryonal development of the bond loach (Misgurnus fossilis L.) K.A. Kafiani, M.IA. Timofeeva, Biokhimin 27 no 5:938-912 S-O 162,

PHOSPHORUS ISOTOPES-PHYSIOLOGICAL EFFECT

- Characteristics of the accumulation of radioactive phosphorus in megakaryocytes. N.D. Gracheva, Vop. radiobloi. 4:262-266 '61.
- Possibility for recording the bremsetrahlung from radioactive phosphorus in vivo on man. V.I. Feoklistev, V.I. Lapchenkov, Vop. radiobiol. 4-416-120 '61.

PHOSPHORUS ISOTOPES-THERAPEUTIC USE

Experience in radioactive phosphorus (p³²) treatment of 28 patients with Rustitskii's myetoms. G. A. Alekseev. E.K.Kolits, Probl. gemat, i perei, krovi B no. 2 3-9 F '63,

PHOSPHORUS METABOLISM

- Change in phosphorus metabolism under low temperatures in the root zone. Z.V. Titova. S. S. Andreenko. Sel'khoz. btol. 1 no. 6:835-841 '66. Changes in phosphorus and carbohydraic metabolism of
- erythrocytes in healthy rabbits under the influence of contisone BS Berezovskii Probl endok i gorm. 9 no 1:7-12 Ja-F '63
- Effect of gramicidin C on phosphorus metabolism of Bacillus brevis G-B. V. M. Glazer, S. A. Silaeva, S. V. Shestakov, Blokhimia 31 no 6;1135-1141 N-D 66
- Effect of succinic acid on phosphorus metabolism in germinating kernels of spring wheat, G.A. Kirillova Biul, Glav, bot. sada no. 63-86-89 '66.
- Effect of the ioin-body fractional X-ray frundlation on the processes of absorption of radioactive phosphorus by the hard tooth tissues of white rats. IU. A. Fedorov. Vop., radioblol. 4,188-198 '61.

PHOSPHORUS ORGANIC COMPOUNDS see Organophosphorus compounds

PHOSPHOR YLATION

- Prifect of polyons inhibiting glycolytic phosphorylation on respiration in frogs 5 V Osipora Trudy LPMI respiration in frogs no 32 117-119 '65
- Effect of salin and sal colysine on ordering phosphotyla-tion of mitochonds is of tumorous and normal cells I.N. Romanova, Z.V. Kuz'mina Vop med.klmm 12 no 6:586-591 N-D '66.
- no 6;306-591 N-D '66.

 Influence of chortonic gonadotropia on some oxidative processes in animal tissues. A M Kurin, N F Lebedova. Problemdak i gorum. 9 no 1:31-39 Ja-F '63.

 Mechanism of the disturbance of oxidative phosphorylation.
- processes in experimental fradiation | L V Mytareva. Vop. radiobiol | 1 172-178 | 61
- Osulative phosphorylation in liver mitochondria or ir adiated rats and following "aging" of microsituctures T.N Smirnova, F.F. Romantsev Radiobiologija 6 no 5 678-681 '66
- Phosphorylation of polyethylene and butadiene rubber. G. F. Bebikh and others. Vyaokom acced i no li-1677-1681 N. 162.

- Officet of light on kinetics of conjugated electrochemic al reactions in the process of silicon self-dissolution in HF - HNO3 mixture. Part 2, Regularities in the change of self-dissolution rate of silicon with potential in the dark and under steady illumination. F.F. Redlan, S.O. Izldinov Elektrokhimila 2 no. 11:1282-1290 N *66
- Mechanism of photochemical grafting of methacrylamide to polymers containing acetate group 5. K. Kudina Vysokom seed 8 no.10:1828-1834 O '66
- Weehands were a no. 100 person of the Mechanism underlying two-photon sensibilization of bond breaking in organic molecules at 77% V V Rylłkov, V E Kholmogorov Dokl AN SSSR 171 no.2: 195-198 N '66.
- Photochemical reaction in the system FeCi₂ HgCi₂. A A Nosonovich, I I Dilung, B IA, Dain Whi, Phim, thur, 32 no 12 1280-1284 '66
- Photochemical reactions in analytical chemistry. Report No 1 Using photochemical reduction of uranium (VI) to uranium (IV) for its titr imetric determination in sulfuric acid solutions A A. Nemodruk, E. V Bezrogova Zhur, anal, khim. 21 no 10 1210-1216 '66
- Photopotential of B-carotene film. G. G. Komissarov, IU.S. Shumov Dekl AN SSSR 171 no. 5.1205-1208
- Bries Railcal pairs in photolytic decomposition of azobisisc-buty contribe studied by electron paramagnetic reso-nance method IA, S. Lebedev Dol-1 AN SSSR 171 no. 2 378-381 N 66
- Two-photon sensibilization of C-I bond breaking in cityl lodide in the presence of aromatic compounds, V, V lodide in the presence of aromatic compounds. V. Rylkov, V II Kholmogorov, Zhun, fiz, khim, 40 no 11:2900-2902 N 16G,

PHOTOCONDUCTIVITY

- Photoconductivity of SbI₃ and HiI₃ single crystals under High hydrostatic pressures K Guliamov and others Fiz tver tela 8 no 72084-2086 Jl ¹68.
- Photoconductivity spects a of germanium crystals doped with oxygen and irradiated by fast electrons | I P Akimchanko, V S Vavilov, A I Piotnikov Fiz tver tela 8 no 7:1981-1984 Ji '66
- Radiative impurity recombination in genmanium V. P. Dobrego, S. M. Ryvkin. 1 S. Shlimak Fiz tven tela 8 no 7:2124-2129 Jl '66
- Some physical properties of semiconductor compound CdSiP₂ A. G. Bychkov and others Izv AN SSSR. Neorg. mat 2 no. 11; 2078-2079 N 66.
- Structure of photoconductivity zone of $Z_{\rm B}{\rm SiP}_2$, N.A. Goriunova, S.S. Grigor'ian, L.B. Zlatkin izv AN SSSR, Neorg, mat 2 no. 12 2125-2129 D $^{+}66$

PHOTOELASTICITY

- investigating stress concentration around a circular hole in a hyperbolic shell using the photoclastic method, IU. I. Vologzhaninov, V I Sacchenko, M. D Fenchak Konts, napriuzh, no. 1-86-92 '65,
- Photoclastic properties of cubic ZnSe near fundamental absorption edge in crystals K K Dubenskii, A, A Kaplianskii, N, G Lozovskala Fiz tver tala 8 no 7; 2058-2073 JI '06.

PHOTOELECTRIC CELLS

Eliminating photocell instability in flame photometers, T.E. Sergeeva, Stek, i ker 23 no. 11 27-28 N 466.

PHOTOELECTRIC MEASUREMENTS

- Determining time, longitude, latitude, and azimuths by the photoelectric method. Lian TSeen-iun [Liang Tseng-yung]. Izv. vys. ucheb. zav., good Laerof, no 1:73-86 '63
- Measurement of the components of a complex voltage using a photoelectric comparator. B. K. Grigorovak K. L. Kulikovskii. Avtometrila no. 3:128-136 166.
- Measuring the transverse shift of the fabric during its longitudinal movement on the machines of the dyeing and finishing departments. A.I. Soldatov Izv. vys. ucheb. zav. ,tekh. tekst. prom no. 5:142-145 '66
- Photoelectric and spectrographic observations of bursts of AD Leo B in 1965, R. E. Gershberg, P. F. Chugainov, Astron. zhur 43 no. 6-1168-1178 N-D 468,

PROTOELECTRIC MEASUREMENTS (Continued)

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In estigating die adsorption to silver halides. Part 2 Description of dyes from the AgBr surface. S. M. Soloviev, N I Rodiono a Zhur, nauch i prikl fot i kin 7 no 281-85 Mi-Ap '62

Physical ripening of the mixture of silver chloride and silver bromide in emplsions. IU, M. Probhodskii. Zhiii nauch i piikl tot i kin. 7 no 2 148-150. Mr-Ap

Quantum yield of the photographic process on silver halide layers. V. I. Sheberstov. Zhur nauch i prikl jot halide layers V I. Sheberstov Z ikin 7 no. 2141-142 Mr-Ap 482

Resolving power of photographic layers I R. Protas and others Zhur mauch i pribl fot i kin, 7 no 2 96-102 Mr-Ap '62

Role of golatin concentration duting the emulsification of fine-grained emulsions V.V. Vasillev, K.S. Lialikov. Zhur nauch i piikl fot i kin 7 no 2 148-148 Mi-Ap

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Spectral reflecting capacity of soils and far mlands in the arid steppe zone V G. Pollakov. N A Raspolozhenskii Vest Wosk un Ser 5 Geog 21 no 6:85-87 N-D '66

Studying the energy distribution of a light flux reflected by the soil cover. IU.S. Tolchel'nikov. Dakl. Inst. geog. Sib. 1 Dal'. Vost. no 10:35-39 '65.

PHOTOGRAPHIC SENSITOMETRY

Determining the sensitivity of electrophotographic layers I Z Plavina Zhur nauch, i prikl, fot i kin 7 no 2-145-146 Mr-Ap '62,

Fluctuation sensitivity limit of the photographic method for the recording of radiation. IU. A. Anantev. A. A. Mak Zhur, nauch i prikl, fot i kin 7 no. 2 128-132 Mr-Ap

Information approach to the evaluation of sensitivity in photography and television Part I Shortcomings of the existing systems of sensitivity evaluation and the information criterion of sensitivity. S. B. Gurevich. Zhur, nauch. 1 prikl, fot. i kin 7 no 2 133-140 Mr-Ap 162

Sensitometer for pigment paper. A. G. Emdin. Poligr, proizy no. 9-15-17 S 163.

PHOTOGRAPHY Grindali, V.T. [Photographic illustration, 'drawing with light,' transformation, combination printing] Foto-illustratis ita, systopis', transformatsia, fotomontazh. Moskva, Kniga, 1986. 277 p. illus.

PHOTOGRAPHY—DEVELOPING AND DEVELOPERS

Investigating temperature effects on the photographic de clupment Part 8 Dependence of the kinetics and energy of activation of the development on the state of the latent image V I Sheherstov, K, V Vendrovskii. Zhur nauch i prikl fot i kin 7 no 2 103-111 Mi-Ap

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PHOTOGRAPHY—RESEARCH

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PHOTOGRAPHY, AERIAL (see also subdivision under Novosibiask)

Conference in the Moscow Engineering Institute for Geodesy, Aerial Photography, and Cartography. Izv vys ucheb. zav "good i aerof, no. 3/110-152 '62

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tfsing a new automatic developing device to develop colored and spectrozonal aerial photographic film N. P Lavrova. 12 no 3-121-123 '62, la vys, ucheb zav. , geod i serof.

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PHOTOGRAPHY, AERIAL-EQUIPMENT AND SUPPLIES

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Directed propulsion of bodies by the explosion products, G M Linkhov, PMTF no 3.11-52 My-Je 162,

PHOTOGRAPHY, LEGAL

Rhar'koyskii IUridicheskii institut. [Problems of forensic photography, summary of lectures for students of Khar-kov Law Institute] Voprosy sudebhol fotografii; konspekt lektsii diin studentoy Khar'koyskogo iuridicheskogo institute Vicenteer 1855. Alexandra 1855. Khar'kov, 1965. 44 p. (CSt-H)

PHOTOGRAPHY, SUBMARINE

Experience in submarine photography, O. F. Khludova. Trudy Okean, kom 14:30-38 '62

Use of submarine cinematography and photography for measuring turbulent coefficients in natural conditions, A.V. Mater. Trudy Okean kom 14:43-44 '62

PHOTOGRAPHY IN NUCLEAR PHYSICS

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PHOTOGRAPHY OF CLOUDS

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PHOTOMETERS

Photometer for studying spectral functions of attenuation of irradiation in sea. C.S. Karabashov. Okeanologila 5 no 5-886-891 '66.

PROTOMETRY

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Photometric threshold level indicator, L. G. Ullianov, A. G. Baev. Mash, i neft, obor. no. 9:33-38 '68.

PHOTOMETRY, ASTRONOMICAL

Photoelectric observations of VW Cephel, K, Kalchaev, IU. L. Truttse. Izv AN Turk. SSR. Ser. fiz. -tekh., khim. i geol nauk no. 6:13-16 '62,

Photographic photometry of meteors attached to the daily paths of stars. A Guimedova, S. Kullov, S. Khandovletov, Izv. AN Turk, SSR. Ser. fiz.-tekh., khim, i geol, nauk no. 2:128-129 idi.

PHOTONS

PROTORS
Dependence of probability of many-photon tonization of atoms on photon stream intensity (i '5 Vorono, 2 eksp. rtcor tiz 51 no 5 1196-1199 N 'un

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PHOTOPERIODISM

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Morphological and physiological analysis of the varieties of long-day and short-day crops sown in different real graphical regions and under different light confliction.

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Reaction of rotton to the change in photoperiodic confi-tions in entogenesis. N. G. Simongulian, 10, U. B. Sel'khoz, biol 1 no. 6;870-875 166.

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Carbon metabolism by the purple sulfur bacterium Chromatium vinosum L.K. Osutukaka, V.I Chukhua Mikrobiologiia il no 5 759-713 S O 162

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Changes in photosynthesis intensity in corn in the course of vegetative period Z, G Dudko Dokt AN Bosh to no 9-701-703 S '66

Changes in polyphenoloxidase, per exidase and Hill re-action activity of leaf chiotophasts following gamma is radiation: A. M. Kuzin, N. P. Korolov - Radiobiologiis 6 no 6398-901 '66

Characteristics of the optic system of a Chinesia and-pension and its photosynthetic activity. S. V. Japanese and others. Lev AN 598R, Ser, blut. no. 3:391-101 My-Je '63.

Diurnal dynamics of photosynthelle factors in a fruit tree crown. Report No. 2: Diurnal changes in the light conditions in various parts of an apple-tree crown and the rate of CO₂ assimilation by various leaves of the rate of LA, D. Romashko. Ula, bet zhar, 20 no 1.56-45, 40.7. For mation of chlorophyll by par ple and green bacterist thing the photosynthe public and photosynthe public which

during their photoautotrophic and photoheter on ophic development. L.V. Moshentseva, 1), N. Kondratieva Mila obiologiia 31 no 2:199-202 Mr - Ap '62.

Inhibiting substances in afterhalivest residues of field crops and in weeds. Report No. 2; Eff at of volatil, exerctions on seed germination and photosynthesis of plants. A. M. III officially i and others. Use het, rier. 20 no. 1,66-72 163.

Intensity of photosynthesis in winter barley in Inll. S.S. Chukuridi, G.R. Matukhin, V.I. Sevast'innov, Sci'llo z. biol. 1 no.6:916-819 '66,

Optical properties of artificial pigment-lipoprotein complex. IU D. Giller, L. T. Khaitava. Dokt. AN Tadek. SSR 9 no. 12:32-36 466.

Photosynthesis and Hill reaction changes in various econ forms as affected by 2, 4-D and 2M-4X S M Mushia-kov, I.I. Paromelik Dokl. AN DSSR 10 no. 02591 694

Photosynthesis and metabolic processes in the apple tree in connection with the growth and aging of leaves K.S. Harnada, O.K. Kondratiuk, Ukr. bot. Am., 20 no. 1: 45

Photosynthetic activity and yield of peas as related to the absorbing capacity of the root. V. G. Rlokhin, G. P. Ustenko, I. M. Fotisov. Agrocklimita no. 12:64-D '66,

Study of photosynthetic pigment systems by emission and in higher plants F. F. Litvin, V. A. Sluvelov. Blokhimita 31 no 6:1264-1275 N-D '66:

PHTHALAZINE

Quantitative determination of servelysine, tencogen and apressine. IA, M. Perel'man, K. I. Evstratova, Apr. delo 12 no.145-49 Ja-F '63

PHTHALIC ACID

Use of dibutyl phthalate as plasticizer in the production of industrial goods from polymeric materials. I for Turonko, S. V. Kosteruk, Khim prom. Ukr. no. 6 20-21 N-D 186.

PHTHALIC ACID-SPECTRA

intrared spectra of estors of phihalic and 3-nin-ophilolic acids with chylene glycot and the determination of molecular mass of polyesters. I. I. Shrbalin, E. A. kivz Zhur, Itz, khim, 40 no, 112774-2778 N 166.

PHTHALIC ANHYDRIDE

Production of phthalic anhydride at Coriovka By-Product Coke Plant. V.I. Filipov and others. Koks I khita. Coke Plant, V.I. no, 10:48-49 166,

PHTHALIMIDE CRYSTALS

Polarization of the fluorescence of crystals of phihalimida derivatives, A.M.Sarzhevskit, Dokl. AN BSSR 6 no. 9:656-559 8 '02.

PHTHALIMIDES

Luminescence of phthalmides in crystallizing nedia. I.F Gludchenko, L.G. Pikulik. Doki AN BSSR 6 ro 8:185-188 Ag '82

PHTHALOCYANINES

Crystal structure of phthalocyanine and conductance of systems consisting of metal coated with phthalocyanine no, 11 1313-1345 N *66

Some fluctuation processes observed in field-emission microscope in adsorption of copper phthalocyanine molecules. Ch. Kielnt. Izv. AN SSSR, Ser. ftr., 30 no 12 1957-1963. D 466.

PHYCOERY THRINS-SPECTRA

Polnization fluorescence spectra of phycocryth in L. A. Chemitskii, S. V. Konev. Biofizika 8, no 5,561-8, '63

PHYLOGENY

Characteristics of the reaction to antidiuretic hormone in phylogeny. V. F Vasil'eva, A.G. Ginetainskii, M M Sokolova, Fiziol zhur 48 no 10 1240-1215 O '62

PHYSICAL AND THEORETICAL CHEMISTRY see Chemistry, Physical and theoretical

PHYSICAL EDUCATION AND TRAINING

[Champions are not born] Chempionami ne rozhdaiutsia. Izhevek, "Udmurtiia," 1965. 78 p.

Concern of the Communist Party and of the Soviet Government for the development of physical culture and sports is concern for the health of the nation S IA, Chikin Sov med 29 no. 12 3-6 D 166

Effect of wann-ups and some psychological factors on multilzing propar diness in athletes, Filly Genov Teor, i prak, fiz, kult 29 no. 11:35-37 N 466.

Mass participation in physical culture, I. Zubkov. Part. zhizni no, P-11-45 Ja '67.

Reliability problem in sports, V.B. korenberg. Teor, I prof. Rz kulu 29 no. 11:22-25 N 166.

The role of anthropometry in physical education and sports and its relation to anthropology. P. N. Bashkirov Vop anti-no. 19-20-160

Sports for everyone. V. Alekseev. V mire knig 6 no. 11

Sports for everyone. V. Alekseev. v mile saig o mo. ...
no. 11-13-14 N '56.
Bishcheva, TS. L. [Physical education of adolescents]
Fizicleskoe vospitanie podrostkov. Moskva, Meditsina,
1965. 42 p. (Nauchno-popularnala meditsinskaja

PHYSICAL EDUCATION AND TRAINING—RESEARCH

Scientific library of All-Union Scientific Research Insti-tute of Physical Culture, K. Bulntova Teor i prak Hz kuiu 29 no. 11,72-73 N 166.

PHYSICAL EDUCATION FOR CHILDREN

The health of children and the development of their movements G Satirov Doshk vosp. 39 no.12 9-10

PHYSICAL GEOGRAPHY

(see also subdivision under Caucasus; Maritime Territory)

Basic character istics of natural zonality and its manifes tation on lands of the globe E. N. Lukashova Mosk un Ser 5; Geog. 21 no 6:11-25 N-D '66

Grigor'ev, A. A. Structural and developmental characteristics of the geographical environment; selected theoretical works! Zakonome nost stroenla i razvitia geograficheskoi sredy, izbrannye teoreticheskie raboty. Moskva, Mysl', 1966. 381 p.

Physicogeographical study of cities. A S. Krinkov Uch. zap. Volg. gos. ped. inst., no. 18:115-128 [64].

PHYSICAL GEOGRAPHY-PROBLEMS, EXERCISES,

Masikova, G.B., and N.IA. Podopletov. [Practical ex-ercises in the physical geography of the U.S.S. R.] Praktkum po fizicheskol geografii SSSR. Pod 1ed A. M. Arkhangel'skogo. Moskva, Vysshaia sikola, 1066.

PHYSICAL INSTRUMENTS

Highly effective ionizer for polarized ion source, R.P. Slabospyts'kyi, I.M. Karnaukhov, Ukr fiz, zhur, 11 no 11 1252-1253 N '66,

PHYSICAL OPTICS see Optics, Physical

PHYSICAL THERAPY

Sechinskii naucluro-issledovatel'skii institut kurortologii i fiziote apii. [Materials of a scientific report session on the results of scientific work in 1963-1964 (February-May 1965) Materialy nauchno-otchebrol sessit po ito-gam nauchnykh rabot za 1963-1964 gg. (fevral'-mai 1965 goda). Sochi, 1965. 267 p. [DNLM MICROFILM]

PHYSICIAN AND PATIENT

Krelin, IU.Z. [Seven days a week; notes of a surgeon]
Sem' dnel v nedeltu, zapiski khirurga. Moskva, Sov. Rossiia, 1967. 165 p.

PHYSICIANS

The role of numismatics in studying the history of medicine, E.D. Gribanov, Izv. Sev. -Oset, nauch, -isal. inst. 25:316-325 66.

PHYSICS

Zhuravlev, V.A. [Physics] Fizika, Izd.2., isp1.1 dop. Kiev, Zdorovla, 1986. 527 p.

PHYSICS-ABSTRACTS

[Physics] Ref. zhur. : Fiz. no.1 Ja '67.

PHYSICS-CONGRESSES

Gorodskala konferentsila po voprosam obshchel i priklad-noi fiziki, Alma-Ata, 1965. [Some problems in general and applied physics, transactions] Mckotoryo voprosy obshchel i prikladnoi fiziki, trudy. Alma-Ata, Izd-vo "Nauka" Kazakhskoi SSR, 1968. 200 p.

PHYSICS-HISTORY

Three letters from Russian physicists to V K Roentgen, V L Tomas | Usp fix nauk 90 no 5 541-541 Is 166

PHYSICS—PHILOSOPHY

Markist Laninist philosophy and modern physics P Dyshlevyi, Komm, Ukr., 41 no 1 64-71 Ja 167 N. A. Umov on the methodological aspects of the physical models of life, A.I. Aleshin Vest, Montain Set 8: Filox 21 no. 5-82-86 S-O 188

PHYSICS-PROBLEMS, EXERCISES, ETC.

httvidinal abelgaments in physics. G. I. Kerteman. Vech. st. d shkola a no.6;34-36 N-D '66.
Kapilsa, P. L. [Physical problems] Fizicheskle zadachi Moskva, Zhanie, 1966. 15 p. (Novoe v zhizal, nauke, tekhnike IX Soriia Fizika, malematika, astronomila, no. 24) no, 24)

Rutsenko, A.N., and IU.V.Rublev, eds. [Problems for a general physics course] Shornik zadach po obsachemu kur su fiziki. [By] L. G. Cur'ev I dr. Moskva, Vysshaia sakola, 1966 407 p.

PHYSICS-STUDY AND TEACHING

Connection of physics with biology in classwork and extracurate dar studies 18 B Kats Sov pedag no 6 52-57 Jc 406.

Forms and methods of combining the physics classeon! with the minual training of students. Viaduair Chainianovarii. Namili, 1 ab, 4 tud, Tamb gos ped inst no 170-78 '63,

Higher mathematics in a physics course. B. A. Lyzunov. Vech. si ed. shkola D. no. 6:21-20 N-D 166.

PHYSIOLOGICAL APPARATUS

Compensation method for facasuring the pressure of cricbiospinal fluid and injecting gases into the craidal cavity by means of the VAK-15 apparatus (\ Kiselev Zhur, nevi, i path 66 no 12 1802-1805 '66

A simple method for the continuous recording of gastric juice flow, L.V Hina Doll AN BSSR 6 no 6-389-391

Tape winding medianism for actography F.F. Ogienko Sov med 26 no 3:109-110 Mr 103

PHYSIOLOGICAL OXIDATION see Oxidation, Physiological

PHYSIOLOGICAL PSYCHOLOGY see Psychology, Physiological

PHYSIOLOGY

[Achievements of science Human and animal physiology, 1995] Rogi nauki Fiziologila cheloveka i zilvetnykh, 1995. Moskva, [Akad. nauk SSSR] 1996. 225 p. (Scriia. Biologiia)

Review of L. 1. Dvinianinov's book 'Research on physic-logy and pathology of digestion performed in f. P. Pavlova laboratory" E. N. Speranskaia, A. N. Ugolev Fiziol zhur. 18 no 10 1265-1266 O '62.

PHYSIOLOGY—CONGRESSES

Mauchnala konferentalia po probleme "Fiziologila i pato-legila kertiko-vistserial'nykh yzalmootnoshenii i funk-tsional'nykh islatem organizma." [Materials of the Scientific Conference on the Problem "Physiology and Pathology of Corticovisceral Correlations and Functional Systems of the Body"] Materialy, Ivanovo, In-t tizio-logil AN SSSI. logii AN SSSR. Vols.1-2, 1965, 2 v.

PHYSIOLOGY, COMPARATIVE

[Achievements of science: Human and animal physiology, 1963] Itogi nauki; fiziologija cheloveka i zhivotnyki 1963. Moskva, Akad, nauk SSSR, 1965, 125 p.

Methodology for the formation of an isolated pench on the ventral rumen. V. F. Vrakin. Fiziol zhur 48 no 16; 1262-1284 O 162.

PHYSIOLOGY, PATHOLOGICAL

Indices of reactivity in the morphology of general adapta-tion syndrome. I. I Finkel'. Probl endok i gorm 9 no.1:82-89 Ja-F '63.

Intensification with chalinolytic agents and weakening with eserting of disorders of conditioned response induced by phonomine E. L. Shchelkunov. Zhur. vys. norv detat 13 no.4;740-717 Jl-Ag '63.

PHYTOBENTHOS ace subdivision under Baikal, Lake

PHYTONCIDES

Titthood of phytonoide therap, and the process of proparing phytonoide proparations G A Tagiev Azerb med phytonoide propriations thur no 7 33-36 Jl '62

PHYTONCIDES -- OPTICAL PROPERTIES

Luminescence of some volatile phytoneides of higher plants M B.Razumovich, IU V Batkov Dokl. AN BSSR 6 no. 9 566-568 S *62

PHYTONCIDES-THERAPEUTIC USE

Use of film in film with phytonoides in burns, V. M. Borothov Travm noingir no 1,153-137 '65

PHYTOPATHOGENIC BACTCRIA see Bacteria, Phytopathogenic

PHYTOPATHOGENIC FUNGI see Fungi, Phytopathogenia

PHYTOPH PHORA -- CULTURES AND CULTURE MEDIA

Ratio between contents of caffele and chlorogenic acids and an index of potato tuber resistance to Phytophthora infestance. V E Sokolova Prikl bloklim i niki obiol. 2 no 6 675-681 N-D '66

PHYTOPLANKTON

(see also subdivision under Kuchurgan, Lake) Dependence of light saturation of two mass species of dinoflagellates on a number of factors DK. Akinina, Oreanologica 6 no 5:861-866 '66

PRYTOSOCIOLOGY

Edaphic and phytocenotic classification of ash forests of the White Russian S.S.R. I.D. Hirkevich. Dokl AN BSSR 6 no. 9.583-585 S '62

PIANO-INSTRUCTION AND STUDY

Kremenshtein, B.L. Training independence in students in a special plano class! Vespitante samostotatel nosti uchasichegosia v klasse spetsial nogo fortepiano. Mo-skva, Muzyka, 1986. 118 p. (V pomoshch' pedagogu-muzykantu)

PICRYL CHLORIDE

Ouantitative and qualitative method for determining rappoinctum with a base of pictyl chinide K A Kornes, R V Voltsekhovstkyi, A F Fainerman Khim prom (Ilka | no 3 60-62 II-S 562

PICTURE INTERPRETATION TESTS

Perception of the depicted posture of a moving man by a child. F. Sh. Reshko. Vop. psikhol. 12 no. 6-153-163 child. P. N-D '86.

Calculating the reinforced concrete constructions of landing structures taking into account their creep. O.V Pallehinskii Trudy Solu MorNilProckt no 9 95-101 '66

Studying the interaction of the piles of an open pier with the soil of the foundation. A G Dovgalenko Trudy Solu-Moi NIProckt no 985-91 166,

PIEZOELECTRIC SUBSTANCES

Diveloping a piezoelectric method of prospecting for quartz and pegmatit veins in mines MP Volarovich, G.A. Sobolev. Fludy Inst fiz. Zem. no. 37 221-227 406

Station PPEP-3 for search and prospecting for quartz velus in undergo time mine workings. M. P. Volarovich and others. Trudy last fig. Zero, no. 37:277-231-165.

PIGMENTS

(see also subdivision under Antarctic regions)

Lifect of simazine on pigments and corbohydraic metabo-lism in plants, F. L. Kalinin, H. S. Ponomarlov, Ukr. bot, thur 20 no 152-55 [63]

PIGMENTS-SPECTRA

Optical properties of at Illicial pigment-lipoprotein com-plex, III, L. Giller, L. T. Ishaitova. Dorl, AN Tadzh SSR 9 no. 12,32-36 166

PIKE PERCH see subdivision under Moldavia

PILING (CIVIL ENGINEERING) (see also subdivision under Leningrad)

Equipment for the construction of drilled piles with a widened base. G L Calshin, Transp, stroi II no. 12 64-55 D 161

Russia (U.S.S.R.) Gosudarstvennyl komitet po delam strottel'stva. [Standard specifications and estimates for construction, assembly, and repair operations] Edinye normy i rastsembl na strottel'nye, montazhnye i remontno-strottel'nye asboty. Moskyn, Strottzdat. Sbornik 12. [Piling] Svainye raboty. 1966, 80 p.

PILOCARPUS-PHYSIOLOGICAL EFFECT

Effect of conditioned reflex stimulation of the automatic (pilocarpine) salivation, S.L. Levin, A.I Makhtinger, Zhur, vys. ne. v. deiat. 12 no. 3 457 - 464 My-Je 162.

PINE see subdivision under Russin, Northern

We eliminated the danger. V. Anikina. Zashch, rast. 11 no. 12,49 '66.

PINK SALMON

Antibiotic activity of blood in pint salmen larvie. B V Cientso. Trul 'I'IBI no 12 187-188 '66

Relationship or size and growth rate of pink solmon larvace to the size or open in 1 latrichkor frudy MMBI to the size of eggs no 12 45-53 1/6

PINK SALMON—DISEASES AND PESTS

Characteristics of inflammator, phenomena in pint sal-mon prelative L. V. Prazdnita . I G 'h'heilo a Lind, d'iBI no 12 120-136 '66

PINK SALMON-PHYSIOLOGY

Chemical analysis of pink salmon (Oncorhatchus gorbuscha Wald) in gradient conditions of solution and temperature. G D Bosharo Trud, JMBI no 12 63-73 '66

PIONEERS (COMMUNIST YOUTH)

(see also subdivision under Chita Province, United States)

A conference of the directors of rural palaces of the Proneur L Voreberr Nir obr no 12 115-116 Pionest D '66

PIOTROVICH, VIL'GEL'M VLADISLAVOVICH, 1908-

Vil'gel'm Vladisla orich Piorrovich, on his 60th birthday Meteor igidrol no 12 59 D '68

DIDE

Features of the assembly of the process piping of chemical enterprises V G. Naumov Mont i spets 1ab, v stroi 25 no. 10.4- O '63,

PIPE--FLUID DYNAMICS

Determining pressure loss during film regime in annular pipes. Ch S Guselnov. Azerb heft khoz. 45 no 9 pipes Ch S 26-29 S '66

PIPE-HYDRODYNAMICS

Hydrodynamic resistance in a sourless colled ribbed pipe I G Taranian Izv AN Arm, SSR Ser tekh nauk 19 no 5 3-8 (66

Pipeline as a link in the system of automation control, R M Reidman. Shor trud Uki NHB no 7 140-145 '66.

PIPE, ASBESTOS-CEMENT

Columns and framing of sabestos-cement pipes Stiol 1 arkhit II no 8 20-22 Ay '63

Gas pipelines of asbestos cement F. Rasulev Stroi i arkhit Uzb b no 4 8-9 Ap 165

PIPE, CAST IRON

Conditions of ingot cooling during pire easting V G Shian, V I Sembo Lit proize no 12 23-25 D 166

PIPE, CLAY—PERMEABILITY

Diffect of shrinkage phenomena on the permeability of ceramic sewer pipe B.V. Lebedev, R.M. Zaionts Stek : ker 23 no 12 18-20 D '66

PIPE, COPPER-WELDING

Welding of copper pipelines, F.V IAstrebov, V M Lemish. Mont i spets rab v stroi 28 no 12 18-19

PIPE, GLASS

Bench for welding the fittings of glass pipelines. B. M. Sionimer. Mont. i spets rab. v stroi. 25 no. 10 16-18 0.363

PIPE. PLASTIC

Introduce polyethylene piping into residential construc-tion P Rebrov Zhill sliof no 12:23-24 '66 Use of synthetic materials for gas pipelines. B. I. Losev, M. L. Moulna Trudy 161 18,234-25 '62.

PIPE, PLASTIC—TESTING

Relaxation disintegration of pipes made from high den-sit polycthylene M N Boyshitskii Plast, massy no 9 52-57 162

Designing and installing electric wiring in steel pipes.
N.S. Movsesov. Mont, i spats rab. v strol. 25 no.9:

the industrialization of the installation in steel pipes G.I Gurevich Mont.

R.G.

tipe Welding

A, K.

Razy i

s. B, M. . 10-16-18 PIPE INDUSTRY WORKERS see subdivision under Pervous al'sk (Sverdlovsk Province)

Geometric parameters of the sent of deformation in con-tinuous pipe forming P.I. Polishin, 10 IA Vatkin, V. V. Rymov 12v vys ucheb 2av "chern, met 9 V. V. Rymov 12 no 12,91-95 '66

PIPE MILLS-DESIGN AND CONSTRUCTION

Studying the safety factor and operating conditions of other mill manufulators. V. F. Kucherenko and other Izv. v) s ucheb zav ,chem, met. 9 no 12:161-167 *66.

PIPE MILLS-ELECTRIC EQUIPMENT see subdivision under Chelyabinsk

PIPE MILLS-TRANSMISSION DEVICES

New transmission for cold pipe rolling mill stands. 5 N Kozhevnikov and others 1.v.vys ucheb 'av , chern met 9 no. 12 168-169 '66

PIPE MILLS-VENTILATION see subdivision under Azerbalfan

PIPECOLINE

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PIPE LINES

Attaching pipelines to outside walls of buildings. G.I. Akhenshtein Prom strop 14 no. H 11 166

Color coding of pine systems and its role in architectural composition of modern enterprises, V. Blothin likhit SSSR no 12 58-58 '66.

Value of the coefficients of hydraulic resistance of lenso compensators S V Churskova, M. P IU. kina Energomashinostroenie 8 no 8:29:30 Ag '62

PIPELINES—BUILDINGS AND STRUCTURES

Practice in introducing payments for the finished buildings and structures. S. Lem. Ekon, stroi. 8 no. 12-41-45 D 166.

PIPELINES-CATHODIC PROTECTION

Nonlinear equations relating to problem of cathodic protection of pipe systems from corresion V. N. Ostapenko Vych mat [Kiev] no 2:154-160 '66

Planning joint corrosion prevention. N. P. Badaev, D. IA. Averbukh, Gaz. prom. 11 no. 11-29-31 '66.

PIPELINES-DESIGN AND CONSTRUCTION

Construction of large gas pipelines by industrial methods, V B.Popovekli, G.V.Linevich, G.A Ritchik, Mont, i spets tab vatroi 28 no 121-5 D 266

Design of pipelines with consideration of external loads B V Rudomino Energomashinostroenie 8 no 8 20-21, 32 Ag '62

Selection of arrangement and materials for supports of self-supporting pipelines S.P.Golikov Prom att of 41 no ll 23-26 '65.

PIPELINES-EQUIPMENT AND SUPPLIES

Using "Krab-2" television unit for sag pipe inspection. G. S. Andreev, IU. F. Kozlovskii Gaz, prom. II no II 25 '66,

PIPELINES—MAINTENANCE AND REPAIR

Tikhonov, V. V. [System of planned preventive mainte-nance of installations and equipment of main pipelines] Sistema planovo-predupreditel'nogo remonta sooruzhe-niti oborudovanita magistral'nykh truboprovodov. Mo-skva, Nedra, 1966, 178 p.

PIPELINES-TESTING

the airtightness of columns. S. G. Gurbanov Dokl AN Azerb SSR 18 no 4·3·8 '62.

PIPERAZINE

Experimental demonstrative work in the control of ascariasis in the Tajik S. S. R. V. I. Matveichuk and others. Med paraz I paraz bol. 32 no.2:140-144 Mr-Ap 'G3.

PIPERAZINEETHANOL

Use of fluphenazine in the treatment of schirophrenics resistant to therapy, M IA, TSutsul'kovskaia, A, B, Smulevich, Zhur, nevr.i psikh, 67 no.1:138-113 f67.

PISAREV, INNOKENTII IUL'EVICH, 1894-1966 I.IU. Pisarev; obituary, Vest. stat. no. 12:76-77 166.

PISKLOVO (KURSK PROVINCE)—WORLD WAR, 1939-1945-AERIAL OPERATIONS

This was in the environs of Kursk. S Maslennikov Kryl rod 17 no 9.7 S '66

PISTON RINGS

Temperature of the piston rings of marine internal combustion engines in the course of operation. V.M. Zamoruev. Trudy LIVT no. 82.66-70 165.

PISTON RINGS-MEASUREMENT

Device for determining the shape of a piston ring. A.A. Starosel'skii, K.A.Fel'kner | lzm.tekh, no. 8:13-14 Je 182.

PISTONS

Quality of pistons cast into a chill A. M. Osokin Lat profession no 11:9-10 N '93

Influence of high-temperature pitch upon microstructure formation of graphitized electrodes. G.V. Dmittilevs. M.A. Ryss., A.S. Smitnova. Kols i khim. no. 12,25-

PITCH-TESTING

Changes in properties of coal pitch during exidation. R.K. Ognev, E.D. Ter-Pogosian, Koks i thlin, no. 10-25-27 466.

PITUITARY BASOPHILISM see Cushing's syndromo

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Dependence of the reactivity of the developing organitate to plan in a cological agents from the function of the plantary advenal system—L.V. Markova—Frady LPMF no, 32 87-95 165

Importance of the hypophysis in the reaction of the ac-celeration of cholesterol synthesis in response to irradiation K.A. Tretlakova Blokhimiin 27 no. 5; 801-804 S-O '62.

Pars into modia of the hypophysis under conditions of salt loading 15 L. Soboleva Biut class blot i med. 55 no 5-108-111 My 463.

Role of the hypophysis in the development of hyperglyce-mta following a local treatheten. C.I. kommtov, II. IA. Keilina. Vop radiobiol. 4:33-38 181.

Stite of the hypophysis-thyrotic gland system in rate in the process of inducing their times by means of paradimethylaminoarobenzene, V.P.Grinchishin Vop onk 12 no 11 19-43 166.

Vasopressor activity and histochemical characteristics of posterior lobe of hypophysis in normal and irradiated rate 1: R Bagramian, S IV, Babadzhanova Radio brotogija 6 no 5 758-759 '06.

PITUITARY FOSSA-RADIOGRAPHY

Tomography of the sells turcles 13. D. Fasty kovskots Trudy Novokoz GillUVa 32.114-116 65.

PITUITARY HORMONES

Effect of some hormones of the suprarenal glands and hypophysis on the state of immunogenesis follow log ionizing radiation action on the organism. P. N. Kiselev, V. A. Semina. Vop radioblot. 4:278-286-261

Offect of the pituitney preparation Adiposine on the Mady-tic activity of fatty timme and the content of noment if-fied (free) higher fatty acids in the serum. 5, M. Leiten. N. K. Davtian. Biul eksp. biol. i med 55 no 3:60 h3

Flusion of thyrotropic hormone proparations from the hypophysis of man and bulls by proteolytic emyrica F. F. Limanova, D. E. Greedzenskii. Problemick 4 gene 9 no 123-26 Jacc. 163

PITYRIASIS VERSICOLOR

Comparative characteristics of various methods of trait-ment of pityriasia versicolor B. L. Illin Sov med 25 no 3:75-79 Mt '63

PLACENTA-PERMEABILITY

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PLACER DEPOSITS

(see also subdivision under Ishim Valley; Soviet Far East; West Siberian Plain)

Place: manifestations of dismins and zirconium in car-bonate sediments of nontheastern part of Danets Hasin V. A. Dianova, Min. syr'e no. 11,156-161 186.

PLAGUE

Bacteriomycin and mycer in therapy of exportmental plague induced by streptomycin-resistant for my of the plague induced by streptomycin-resistant for my of the plague bacillus. 15, N. Alcoldina and others. Trudy Gos. nauch. -issl. profivoclaum inst. 16:3-11 '59.

Chronic plague forms in labor atory animals. Report No. 1
Resistance of white rats to repeated inoculation. I. ii. Resistand Transfer Tr Trudy Gos. nauch. rissl.protivochum.inst. 18:

Functional state of vessels in experimental plague K. M. Mokhin Trudy Gos. nauch. -issl. protivochum inst. 16:53-61 '59.

Hemorrhagic mechanism in plague Report No 2: Capillary resistance in experimental plague. I. E. Kiselova. Trudy Gos. nauch. -iest protivochum inst. 18:63-70 59

Pathomorphology of chronic plague forms in experimental animals Z. D. Khakhina. Trudy Gos. nauch *isal protivochuminst. 16:43-53 | 159

Pathomorphology of experimental plague treated with straptomycin. Report No. 1: Forms of plague induced conjunctival inoculations. O. N. Trubahaninova. Tru Gos. nauch. -issl. protivochum. inst. 16,19-25 159,

Pathomorphology of experimental plague treated with streptomyein. Report No. 2: Pathomorphology of experi-mental plague induced by conjunctival inoculation and to cated with streptomycin. O. N. Trubchaninova. Truby Gos. nauch. -issl. protivochum. inst. 16;27-31 53.

PLAGUE (Continued)

The apeutic effect of combinations of antibiotics used in experimental plague induced by streptomy in resistant forms of the plague bacillus I S Tinker. U N Meshina. L.N Makarovskala Prudy Gos nauch sissi profivechum 16 13 -18 15 9

Transplacental (passive) transfer of plagar antibodies to the progent of greater gerbits M. I. Levi. IU. G. Suchko. Binl ckep biol i med 55 no 6,88-91 Jt. 163

PLAGUE -CONGRESSES

Scedne-ariatskii nauchno-issicdovatel'skii protivochumnyi
Institut [Materials of a scientific conference on natural
foci and prevention of plague, February 1963] Materialy
sauchnof konferentsii po prinoduol ochagovosti i profilaktike chumy, (avvati 1963 g. Olv. red. M. A. Alkimbaev. Red. O. V. Afanas'eva i V. P. Khrustitselevskii
Alma-Ata, 1963 290 p.

[DNLM MICROFILM]

PLAGUE -- MICROBIOLOGY

Chronic plague forms in laboratoryanimals Report No. 2, Virulence of the agent of the only plague forms L. B. Adimov Trudy Gos. nauch - 19 11 profivednum inst 16,31-35 54.

PLAGUE-PREVENTIVE INOCULATION

Immunological Emship of Pastourella postis and Pastourella pseudotuber culosis S. I Zaplaci D. \ M Khokhlova, Frudy Gos nauch sisəl protivochum inst h 97-104 rs c

PLANING HULLS

Vertical hydrofoil with a minimum inductive resistance, V. A. Goshey Trudy LIVT no 81 50-53 465.

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PLANKTON-COMPOSITION see subdivision under

PLANT BREEDING

(ses also subdivision under Kazakhelan)

Akademita nauk SSSR, Sibirskoe otdelenie, Institut teilologii i genetiki. [Experimental polyploidy in plant breeding] Eksper imental nata polyploidita v selektsii ristenii. Novosibirsk, Nauka, 1906. 347 p. (DNAL)

Alikhanian, S.I. [Theoretical bases of Micharin's theory on the transformation of plants] Teoreticheskie osnovy uchenila Micharina o peredelke rastenii, Moskva, Nauka, 1966, 86 p.

Dubinhi, N.P. [Theoretical bases and methods of I.V. Micharin's work] Teoreticheskie osnovy i metody rabot I.V. Micharina, Moskva, Prosvesichenie, 1968. 182 p.

Volumetric measurement of the vegetative organs of plants in breeding work, V, S, Novest lov, V, D Runnov, Trudy (in druzh, nar. 14, Sellkhoz, nauki no 1 t05-112 166

PLANT COMMUNITIES see subdivision under Dniester Valley

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5. N Pikhod'lo Biol Glav, ot, sada no. 63 21-22 Stimulating grapevine cuttings in a field of high voltage,

G. D Kuchava Tudy GRUZNIIMFSKHa 8 no 2 47-56

PLANT DISEASES

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PLANT DESEASES-STUDY AND TEACHING see subdivision under Lithuania

PLANT INTRODUCTION

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Biological characteristics of the saltwort Salsole rigida Pall, and practices in its introduction in the piedmont semidesert of Uzbekistan. Z Sh Shamsutdinov res 2 no 4:539-548 '66

Winter hardiness of introduced woody plants, N. V. Shkutko, A.A. Chakhayskii Biul, Glav, bot sada no, 63;6-10 166,

Wintering of introduced trees and shrubs during 1963/64 in Tiffis, V.IA.Germeniak, Biul Glav.bot sada no 63 3-6 '66,

PLANT LICE

Agricultural practices and plant lice on best roots, V. Minoranskii, Zashch, rast, 11 no.11;27-28 '66,

Determination of protesses in salivary glands and intestines of some plant lice. L. A. Sobetskii, M. A. Derzhavina. Izv. AN Mold. SSR no. 5:89-97 105

PLANT LICE-BIOLOGICAL CONTROL

Effect of insecticides (phosphothion, intrathion, and solder) on the natural enomies of aphids Yeri Zel Khim, v sell, khoz 4 no. 12 21-24 D '66 Yni Zeleny.

PLANT PHYSIOLOGY

Klimasheyskii, F. L. [Physiological characteristics of root feeding of different corn varieties in the non-Chernozem zone, physiological essays on variety] Fiziologicheskie osobennosti kon nevogo pitanila raznykh sortov kukuruzy v nachernozemnol polose; ocherki fiziological essays ocherki fiziological essays ocherki physiological essays ocherki sortov kukuruzy v nachernozemnol polose; ocherki fiziologii sorta, Moskva, Nauka, 1966 149 p. (DNAL)

PLANT POPULATIONS

Studying the moticy character of the varietal populations of wheat according to the length of their vernalization stage G IU behaviourney Shor trud asp.t mol matchestry.VIR no 2 1-8 481

PLANT PROPAGATION

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PLANTAIN see subdivision under Cherno Gory

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SZS-9 grain stubble planter V F. Maniakin. Trakt i sel'khozmash no 12-31 D *66.

PLANTERS (AGRICULTURAL MACHINERY-DYNAMICS

Dynamics of the motion of a mounted sowing unit. A. E. Bozhanov. Zap. LSKHI 96:13-17 '65.

Equations describing the motion of a mounted sowing unit. A.B. Lin'e, A.E. Bazhenov. Zap. LSKHI 90;5-12 '65

PLANTS-CHEMICAL ANALYSIS

Chemical characteristics of the fruit of various cherry species S, I, Ivehenko, V. P. Petrova Biul, Glav bot, sada no 63.04-95 '66

Chemical composition of swamp plants. E. 1. Skobecva, S. N Timemnov Vest Mosk un. Ser. 6 Biol., pochv. 21 no 454-03 Ji-Ja 186 Chemical systematic studies of the Far Dastern species

of Angelica L. G. K. Nikonov, M. G. Pimenov, C. B. Zorin, Rast res. 2 no 4:505-513 '66

Color imetric method of deter mining reducing carbohy-drates. V. G. Reutskill, L. P. Smoliak Doki, AN BSSR 10, no.121901-993 D 766.

Content of soluble sugars and free amino acids in the ontent of folimin sugars and free aims actos in the buds and leaves of some species of citrus fiulis marked by various intensity of winter dormancy. L I Sukowa, Shor trad, app i mol, nauch sotr VIR no 2 201-270 [6].

28 1-216 Constaining compounds of the Hipopolysaccha-ride type in the leaves of higher plants B, N, Gladyshev Biokhimita 28 no 2:210-215 Mr-Ap '63

Hospitto of the study of physiological and binchemical Results of the study of physiological and binchemical changes in temon seculings grafted on Citrus tchan-gensis G.D.Chkhatdve Shor trud asp i mol nauch soft VIR no 2 270-276 '61.

PLANTS-FROST RESISTANCE

Prost resistance of fruit trees. 1.1. Tunanov. 12v. AN SSSR, Ser. biol. no 3:450-464 My-Je '63.

PLANTS-METABOLISM

Change in carotene content in connection with the meta-bolism of starvation in plants. A. S. Morozov Trudy Un, drazh nar. 14, Sellkhoz, nauki no. 1, 218-221 '66,

Some indices of metabolism characterizing the productivity of plants under various conditions of matrition and light. G D.Gubar!, O.E Kreitsberg, S Kh. Kristkalne, Agrokhimita no. 12 18-53 D 106.

Some processes of metabolism in Opuntia camanchica Engelm et Big S.N. Prikhod'ko, E. V. Teplitskaia, N. P. Saychenko Biul. Glav, bot, sada no, 63 02-94 466.

PLANTS-NUTRITION

Akademila nauk URSR. [Physiological and biochemical principles of plant nutrition] Fiziologo-biokhinicheskio osnovy pitanila rastenil. Klev, Naukova dumka, 1966. 189 p. (Respublikanskii mezhvedomstvennyi sbornik. Serila "Fiziologita rastenii")

Organization of cont: ol of root nutrition of sugar beets.

IA, F. Dobovik Izv Kir fil Vses. ob-va pochv. no 2:93-

Some indices of metabolism characterizing the productivity of plants under various conditions of nutrition and light. G.D. Gubar., O.E. Kneitsberg, S. Kh, Knistkalne, Agrokhimita no. 12:10-53 D 166.

PLANTS-REPRODUCTION

Some data on vegetative reproduction of weeds in the northern part of the Volga-Akhtuba Floodplain. M.N. Koblova. Uch.zap.Volg.gos.ped.inst. no.18;11-23 44.

PLANTS-RESPIRATION

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PLANTS, EFFECT OF ANTIBIOTICS ON

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Effect of Antibiotics on the growth of Chlorella vulgaris and associated microlloid in joint cultivation 1 V. Matsimova, M.N. Pimenova Mikrobiologiia 21 no 5-004-909 S-O 182

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Effect of cobalt on the yield and some blochemical indices of sugar boots and corn. N.G. Alishevskii. Agrokhimita. no. 12-80-88. D. 166

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Effect of chronic gamma irradiation on wheat and barley plants in the year of triadiation N N Kozhushko, Shor, trud, aspilmol nauch soft VIR no 2 310-317-461.

Effect of gamma irradiation at various periods of plant development N N Koshushko, Shor, trud asp i mel, nauch sett VIR no 2 317-321 *61.

Effect of seed irradiation on evenplasm mobility, evidative phospholylation, and adenosine riphosphatase activity of mitochondria in cells of coin radicles M.G. Tairbekov, E. N. Karantsev, S. V. Tagecva. Radiobiologiin 6 no 5 731-733 '66

Effective use of irradiation of polato tubers before planting. L.S. Larie, N.S. Prokofev, V.S. Serebrent-kov Radickiologija 8 no 5 741-713 '66

Increase in barley yield by presowing gamma tradiation of its sceds V. N. Savin, A. A. Shutov Radiobiologita 6 no. 5 749-750 '66

Postirradiation recovery following irradiation of seeds of different moistures E.V Fesenko, N.A. Poriadkova, Radiobiologiia 6 no. 5:731-710 '66,

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Effect of gibberellin on mineral metabolism in plants. A. S. Morozov Trudy Un. druzh, nar. 14. Sel'khoz. nauki po. 1.215-217 168.

PLANTS, EFFECT OF HUMIDITY ON

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- h on di ti flution in the com se o, germanation of seeds and growth of wheat spreads P 1 Kolesnikov, 1 1 Mutas-kin Bio'himita 28 no 1-215-123 Mr-1p '63
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Effectiveness of using boron and manganese for sugar beets in Spitak District I. R. Nysbashian, N. R. Mel'-konian Socb Lab agrokhim VV Arm SSR no 4-71-75

PLANTS, EFFECT OF MOLYBDENUM ON

Effect of cobalt and molybdenum on the nitrogen, po-tassium, and phosphorus content of plants. A S Moro-zov. Trudy Un. druzh nat. 14 Sellkhoz muki no 440-42 166.

Effect of molybdenum, boron, and cobalt on the accumu-Iation of disympter in plants A.S. Morozov, T. \
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PLANTS, EFFECT OF PHOSPHORUS ON

Comparative effectiveness of various forms of phosphorus fertilizers in tea plantations O,G Omani. Subtrop kult no. 3: 18-34 '66.
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Effect of potassium fertilizers in soils of Chuvashia, E.I Grigoricy, I M Bardyshey Khim v sel¹ khoz 4 no 12,62-65 D '66

PLANTS, EFFECT OF RADIATION ON

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Radiosensitivity of corn pollen V.N. Lysikov, V.S. Stmin, V I Madis. Gen , sel , sem kuk, no i 188-191 '65.

Significance of cultivation conditions, in radioresistance of plants N. N Nazirov Radiobiologija 6 no 6 904-907 '66.

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Change in phosphorus metabolism under low temperatures in the root zone. Z. V. Titova. S. S. Andreenko. Sel'khoz. biol. 1 no. 6:835-841 '66

Effect of low temperatures on the growth and development of different varieties of bulbaccous and intromatous ornamental plants VV.Skilpchinskii. Sbottred. asp. 1 mol. nauch sotr. VIR no 2 328-332 '6i.

Methodology for determining the heat resistance of plants in field conditions. K. A. Akhmatov. Biul, Glav, bot sada

Requirements of various grape species to temperature conditions. A. M. Mamedov. 12v. AN Azerb, SSR, Ser, nauk o zem. no. 4:154-159 '66.

Studying the effect of temperature and moisture on the pollen viability of Citrus ichangensis N M Toloraia Shor, trud asp. i mol, nauch sotr VIR no. 2 277-281 151.

Use of mineral fertilizers for spring wheat in conditions of a dry summer. V.N Meshchanov. Khim v sel' khoz. 4 no.12-61 D '66

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Give the 50th anniversary of the Great October a worthy "elcome Zashch rast II no 12 1-2 '66,

Responses to our articles. Zashch, rast 11 no. 12-41-42

PLANTS, PROTECTION OF-RESEARCH see subdivision under Kharkov; Lithuania, Tajikistan

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PLASTIC SURGERY see Surgery, Plastic

PLASTICITY, EFFECT OF TEMPERATURE ON High-temperature plasticity loss in titonium. H, A, Kolachev and others. Trudy MATI no. 60:00-102 $^{4}60$,

PLASTICIZATION

Chemical plasticization of polyvinyl chloride. A. Cl Kronman, V. A. Kargin, Vysokom, sood 8 no 10 1703-1708 O 366.

Effect of chemical structure of plasticizer molecules at a polymer glass point. A. A. Tager. A. I. Shvorova. Vysokom soed. 8 no. 10:1698-1702 O '66.

Effect of the size of plasticizer molecules on polyner glass point. A. I. Savorova and others Vysol on . seed 8 no. 10:1692-1697 O '66.

Molding and plasticizing hydrolytic lignin. S. I. Sukkanay skii and others. Gidroliz, i lesokhim, prom. 19 to. 8

PLASTICIZATION (Continued)

Plasticization of crystalline polymers. Part 2: Pffect of plasticizers on the mechanical properties of crystalline polystyrene. G. Sh. Talipos, I. I. Sogolova, V. A. Kargin. Vysokom socid. i. no. Il 1718-1724. N. 162.

Study of types of polyvinyl chloride plasticization by means of nuclear magnetic resonance L, IA, Chenborksova and others. Vysokom soed. 8 no 10 1810-1813 O 666

PLASTICIZERS

Effect of softeners on the strength of leclaimed rubber. E M TSvetaeva Kauch Frez 21 no 6 16-21 Je 462

Use of dibutyl phthalate as picificing in the production of industrial goods from polymeric materials. I IA Turenko, S. V. Kosteruk. Khun prom. Ukr. no. 6. 20-21. N-D. 166.

(see also subdivision under Armenia)

Alksuls, A. [Plastics and their treatment] Plastmasas un to apstrade. Riga, Liesma, 1966, 129 p. [In Latvian]

Brateykhin, E.A., S.S. Mindlin, and K.N. Strel'tsov [Manufacturing atticles of plastics] Percrabotka pi cheskikh mass v izdelila Pod obshchel red, E A. Bratsykhina, Moskva, Khimila, 1966, 399 p

Metallization of products made of plastics N V. Marak-hovskii Plast massy no 9 69-71 '62

Plastics are the order of the day Prom. Aim 9 no. 10.75-76 *66

Plastics today and tomorrow, Prom. Arm. 9 no.10 53-64 186. Pensiometric determination of glass-transition tempera-tine I. M. Prlikh, D. R. Nekhendri Plast massy

tine I.M. Prl no 12,61-62 '66 Use of dibuty! phthatate as plasticized in the production

of industrial goods from polymeric materials IIIA Turenko, S.V. Kosteruk Khim, prom. Ukr. nu, 69 20-21 N-D 106 Using plastics for mat-making for etchings V.K.Gindlin, A.I.Petruk. Poligi proizv no.9 23-21 S 163

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Injection modding the ought pin-point gates - F. E. M. P. Shapent ov - Plast massy no 9 28-30 462 F. E. Glukhov,

Special features of the processing of polyformaldehyde by molding under pressure A.I. Lovetskala, V.N. Grinblat, V.V. Lapshin, Plast, massy no 12 31-37 '66

PLASTICS-TESTING

Fifect of some formula and technological factors on the abrasion of phastics, 1 1, Farber ova and others Plast, massy no. 0.35-38 462

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Gerskovich, B.M. [Floating cone plastometers: Do-vices for determining the properties of building plas-tics; from materials of the All-Union Scientific and Re-search Institute of New Building Materials (VMINSM)] Poplavkovye konusnye plastometry Pribory dila opre-delenia svoistv stroitel'nykh plastmass, po materialam Vsesoiuznogo nauchno-issledovatel'skogo instituta novykh stroitel'nykh materialov (VNIINSAI) Moskva, Sirotizdat, 1985. 16 p. (Novosti sh oliel'noi tekhniki

[MICROFILM]

Koval'chuk, L.M., and A.S.Floidin, eds. [Manufactur-ing plastic-base structural elements] Egotovlenie stroitel'nykh konstruktett na osnove plastmass. Mo-skva, Stroitedat, 1966. 323 p.

Nomenclature of translucent building products from glass plastics V. A. Dzugaev. N. A Osnach, V. T. Popov Sbor. trud VNHNSM no 7:8-14 156

Study of sheet glass plastics in space structures. V. N. Gornov. Shor trud VMINSM no 7:25-30 '66.

Translucent panels from glass plastics E. N. Kvasnikov. G G. Nikitin Shor trud VNINSM no 7:15-24 '66

PLASTICS IN INDUSTRY see subdivision under White Russia

PLASTICS IN SHIPBUILDING

Finishing the ship's living quarters with a polyvinyl chloride film. Sh. IAmshchik. Rech. transp 25 no. 12.

Some problems of designing and building ship hulls of plastic materials. IU.I. Nechaev Trudy Kal tekh inst. ryb. prom. 15:136-143 '62.

Using polymers in shipbuilding, V.S. Dubrovskii, E.M. Kotilkev. Prom. Bel. 8 no. 12:43-44 D 168.

PLASTICS IN THE AUTOMOBILE INDUSTRY

Polymor gear wheels in the tractor starting engine. S. A. Osipenko and others Prom Bel. 9 no. 12:30 D '66

PLASTICS IN THE MACHINERY INDUSTRY (see also subdivision under Gomel')

(ozlov, P.M. [Use of polymeric materials in structures operating under stress] Printenente polimernykh materialov v konstruktsfiakh, rabotalushchikh pod nagruzkol. Pod red. M.I. Garhara Moskva, Khimila, 1966. Kozlov.

Studying the efficient method of thermal processing of parts made from polaring ulactam. O. A. Guader, I. M. Livshills. Plast massy no 0.24-28. '62.

Using plastics for spindle husbings of tolling mills, G, L, Khimich, N, N, Belykh. Vest, mashinastr, no 12:40-42 D 466.

PLASTICS INDUSTRY

Economic estimate of the effectiveness of the production of phenoplasts B.G.Grigoriec A.G.Kalgorolov Plast massy no. 12 27-31 466

PLASTICS MACHINERY

Dynamics and kinematics of the movement of granular plastic masses in the charge zone of screw-type ma-chines, V. A Sylin Khim prom /Ukr | no 353-59 Ji-5 162

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PLASTICS MACHINERY—TESTING

Studying the effect of the charging conditions on the operating capacity of extration machinery. G.V Sagalaev, B.A. Olenev, E.Z. Bokareva Plast mass, no 9 45-В A. Ol

PLATE TOWERS

Calculation of plate-type mass transfer apparatus, V. V. Popov, L. M. Popova Khim, i tekh, topi, i massi, 11 no. 11:40-42 N '66.

no. 1140-42 N '66. Effect of physical properties of liquid phase on spinsh 'any-oven in place columns. IV. I. Dynasskii, V. I Andreev Khim, prom. 12 no. 12926-927 D '66. Fifect of the removal of liquid on the efficiency of the plates of complete mixing. I A, Aleksandrov Khim tickh, topl i masel 11 no, 12 37-41 D *66.

Optimum operative conditions for the rectification column. D.D. Zyrov and others. Koks i khim. no. 6: column, D 44-39 '62,

PLATE TOWERS-DESIGN AND CONSTRUCTION

Assembling absorption columns. A.F. Riapolov, Mont. i spets. 13b, v stroi. 25 no. 10:8-10 O '83

Hoisting rectification columns weighing up to 300 t by the turning method. Z. B. Kharas Mont. 1 spets, rab v strot. 25 no. 9:1-7 S 163.

PLATES, ALUMINUM—TESTING

Effect of small additions of high-melting elements on structure and proporties of atuminum alloy sheet containing 5% Zn and 2% Mg. K.S. Kirpichnikov, V.I. Kulakov, M.T. Shchekina, Trudy MATI no. 60:147-156

PLATINUM-MAGNETIC PROPERTIES

Magnetic properties of adsorbed platinum, E.A. hylina, V.B. Evdokimov, N.I. Kobozev, Vest, Mosk, un. Ser. 2: Khim. 17 no 5:16-18 S-O '82.

PLATINUM CATALYSTS

Catalytic conversion of spiro-(5, 5)-undecase on a platinum catalyst. N. V. Elagina and others. Notickhimita 3 no 5.663-667 S-O '63

PLATINUM COMPOUNDS

Face-contored platinum tribromotriammine. 1.1 Cher-niaev. V. S. Orlova. Zhun neorg, khim 1t no. 11,2498-2502 N '68.

Inner-sphere reactions of ethylenediamine in Werner com-plex (---)-[ptEn3]Cl₄ I, I, Chemiaev, N, Sh. Gladkaia, O, N, Adrianova, Zhur neorg, khtm. 11 no, 11 2478-2487 N 66.

Nitroscaeldoletranimine compounds of platinum, 1.4 Nezarova and others Zhur, neorg khim, 11 no, il; 2503-2512 N 160.

Platinum (IV) lodotriummines. 1, f. Cherniaev, V.S. Orlova. Zhur neorg.khim ll no. ll:2480-2495 N '66.

Precision of determinations of lattice energies and bond energies in complex compounds of platinum. V A. Pat-rin, N. N. Kuz'mina, I. I. Cherniaev Zhur, neorg, khim II no II:2437-2442 N '86.

Splitting into mirror isomers of tetramine EnPyCiNHyBrPiCly and study of its amidation and chlorosmidation I. I. Chorntaev, T. N. Fedolova, O. N. Andrianova, Zhur, neorg, ktdm, II no II;2513-2518

Tetramines [Pt(NII₃)₃PyCl₂] (NO₃)₂, [PtNII₃Py₂Cl₂](NO₃)₂ and their acidic properties. A.A. Grinberg, Kh.I. Gil'dengershel', V.F. Budanova, Zhur neorg khim. no. 11,2519-2523 N '66.

PLATINUM COMPOUNDS-MAGNETIC PROPERTIES

Magnetic susceptibility of isomer ic compounds of tetrava-lent platinum, V. I. Bolova and others, Zhur, neorg, khim, Il no II-2674-2675 N '66,

Magnetic susceptibility of some compounds of divalent platinum. V.I. Helova, IA, K. Syrkin. Zhur. neorg. khim. Il no. 11:2672-2673 N *66.

PLATINUM COMPOUNDS-SPECTRA

Infrared absorption spectra of aqueous solutions of jetracyano complexes of platinum III, IA Kharitonov, O N, Evstaffeva, I.B. Baranovskir Zhur neorg khim II no II 2524-2531 N '66

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PLATINUM METALS—SPECTRA

Spectrographic determination of small amounts of palladium and ruthernum in aluminum oxide B.M. Talalaev. Zhur anal khim. 21 no 12 1443-1116 '66

PLAVINAS HYDROELECTRIC POWER STATION

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Water lattlown in fine-sand rocks on the building site of the Plavinas Hydroelectric Power Station V.K. Razumov. Gidr strot. 33 no 8:20-24 Ag '63

PLAYS FOR CHILDREN see Children' plays

PLEURA-DISEASES

Free bodies in the plent at cavity following artificial pneumothor ax N V Sakhat ina Trudy Novokuz GDUVa 32:60-71 '65

PLEURISY

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Use of indicactive colloid gold in plentiley and ascites of tumorous origin. I IA Chapin, Med 18d, 7 no. 8:63-90 Ag 192.

PLEXICLAS—TESTING

Aging of polymethylmethacrylate glass under the action of atmospheric factors and operational load K, l, Trusova, M, M, Guditmov Plast roassy no 0 13-14 62

PLOWS

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Notion of a plow with changeable moldboard parameters. V. I. Vainrub. Zap. LSKHI 96:238-242 '65.

PLOWS-DYNAMICS

Dynamics of the protective mechanism of PNK and PK5 plos types, A.B. Lur'e, A.Reintam, Zap. LSKIII 98,54-61 '65,

Studying the work of the automatic projective mechanism of PNK and PKS plow types, A. Reintam, Zap. 1.5KHI 96:102-112 '65,

PLUM_PISEASES AND PESTS, see subdivision under

PLUMBING see subdivision under Ufa

PLUTONIUM

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Extraction of chelate compound of plutonium (IV) with 1-phnnyl-3-methyl-4-benzoyl-5-pyrazolinene. IU. A. Zolotov, M. K. Chmutova, P. N. Palei. Zhur, anal khim 21 no. 10:1217-1222 166.

PLYWOOD INDUSTRY see subdivision under Africa, West

PNEUMATIC CONVEYING

Institut gornogo dela im, A.A. Skochinskogo. Intoving hy-draulic and air mixtures of rock in pipelines | Dvizhe-nie gidro- i aero mesei gornykh porod v trulakh Moskva, Nauka, 1966. 161 p.

Movement of fibrons materials in the air stream. E.D. Potapov. Izv. vvs. ucheb. zav. ;tekh tekst. prom. no. 5: Potapov. 1z-

PNEUMATIC CONVEYING-TESTING

Results of testing ZDU-50 charge conveying machines, A. V. Brichkin, I. L. Zabudkin, V. M. Nizovkin, Gor, zhur, no 11:54-55 N *86.

PNEUMATIC MACHINERY

Dynamics of a pneumatic servovalve. M. M. Gokhberg. Izv. vys. ucheb. zav. igor. zhur. 6 no. 5:174-183 '63. Temperature limit of compressed air expansion in pneumatic machines V. D. Zinevich Zap. LGI '39 no-3:75-78 '61

Use of an electromechanical registration technique in the study of Internal processes in automatic brake air distributors. D.E. Karminskii, V.I. Reznikov. Izv. vys. ucheb zav., elektromekh. 9 no.11:1288-1290 '66.

PMF U*IATIC MACHINERY (Centinued)

PARTO VALUE MACHINERY (COMMAN)
VSC quirn, navelano-list for alel'shi institut of hrany
trudi. (Methods instructions on the calculation and
design of units for pin unsation moved of vistes from
the FT-. to strict althers) Methodic size of security
por escuedu proektivo annu ustanovol diri previnalithe FT-2 Laro, o, 1965 23 p [MICROFILM]

PNEUMATIC MACHINERY - DESIGN AND CONSTRUCTION e sun't an drills or blastfot being V I Latskin and et als Courting to 12:42-48 to 166

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W. s to pur case efficient of their divien preumatic engines in Digithton Zap I GI 30 no 3 74-83 '61

Stuly of Operating process of frequentle hand ranting).

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PNEUMATIC TUBE TRANSPORTATION (see also subdivision under Minsk)

op airean all divises on the fine insatte transportation of took in sub-13 construction. M.I. Mingko strot. Il no 12 22-24 D. lbl.

PREUMOCOCCAL INFECTIONS

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Incur on (distinguaph, in the diagnosis of perior idal costs L 'a Tishchenko Trud, 'To oboz GIDIVa 32: 60-53 '55

PNEUMONIA

Association of stephylococcus with respiratory in uses in acute premions. V. V. Rito (i. 1, S. I arionov. Zhu mila octol), and I immun. 13 no il 74-76 II 166.

Changes in some peripheral blood indices under the influence of ACFH in health, persons and children with pneutroma S A Dehatatora Azerb med chur no 4 38-44 Ap 463

Characteristics of pneumococcal pneumonia in radiation suckness R M. Rabinovich I D Meter Vop.; radiobiol 4 296-307 [61].

Detection or atypical pneumonia in a polyclinic by means of large-photograph fluoregraphy B \ Bakhshien Azerb ired zhur no 3 35-39 Mr %2

PNEUMONIA-MICROBIOLOGY

Veterinary hygiene measures as the basis of the prophy-P.T Letede: Shor nauch rab StrNIVI no. 11 220-228

PNEUMOPERITONEUM, ARTIFICIAL

Phaumopertioneum in the X-ray diagnosis of cancer of the upper parts of the stomach E. F. Firsov, V I. Astafler Vest rent irad 37 no 3 27-30 My-Je '62

PNEUMOTHORAX

Free bodies in the plantal cavity following artificial freum-objects: N. V. Sakharina - Trudy Novokuz - GIDLVa 12 69-71 'G5

PODGORBUNSKII, VASILII INNOKENT'EVICH, 1894-

Vasilii Innokent'evich Polgorbunskii: an obiluary - Izv Vost -Sib old Geog ob-va SSSR 60 167-171 162

PODGURSKII, MIKHAIL IGNAT'EVICH

A gift. B Simkin Sov Uki 12 no 4111-113 Ap '62

POD"IAPOL'SKAIA, VARVARA PETROVNA, 1892-Varvara Petrovna Pod'iapol'skaia, Med. paraz. 1 paraz. 'ol 31 no 5 633-634 S-O 162

PODOLIA-SOCIETY, PRIMITIVE

The population of eastern Podolla in the middle of the first century A.D. N.M. Kravchenko Ukr ist zhur 10 no 12,99-105 D 166.

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Feonomize in both big and small matters D Klimenko, Agitator no 18:23-28 S 162,

PODOLYNS'KYL VASYP, 1815-1876

V Podolyna'kyila "A word of warning," F. I. Steblii, Ukr, isi, zhur 10 no 12 44-51 D '66,

PODVOISKII, NIKOLAI IL'ICH, 1880-1948

In the spirit of meditation. L. Podvoiskii. V mile knig 6 no. 11:3-3 N '66

PODZOL

(see also subdivision under Polesye, Zhitomir Province)

Changes in physicochemical characteristics of the type of turf-Podrolic soils in connection with the methods of basic tillage. E V Scredinskvia. Trudy IIn. dt uzh. nar 14. Sel'khoz nauki no. 1.113-124 166.

POETS, WOMEN

Our patterages. H. Batskala, Vinite knig 6 no. 10-32-31 O '66

Theet of persons inhibiting giveolytic phosphotylation on respiration in fregs. S. V. Osipowa. Triady LPMI no 32 117-119 [65]

POISONOUS ANIMALS

POISONOUS ANIMALS (see also suiddylsion under Tajikistan)

Pigulevskii, S. V. [Poisonous animals; toxicology of vertebrates] Iddovitye zhivotnye; toksikologita pozvonochnykh [Leningrad] Meditsina, 1956 385 p

POISONS -- PHYSIOLOGICAL EFFECT

Fifect of posions on the development of Bac, acctoethylicus and Bact coli M B Kupletshara I F, Nette Mikrobiologiia 31 no 2 227-232 Mr -Ap '82

POKROVKA OIL FIELD ---OIL FIELD FLOODING

Economic evaluation of injecting oil field waste waters into producing formations. IU, F. Gostev, V. N. Malygin, 1,1 Redivin. Ekon neitedob prom. no. 5:29-31 66

POLAND-ACCOUNTING

Problems of theory and practice in accounting in the People's Republic of Poland, S. Gurniak Buklag, we het no. 11.63-65 N 166.

POLAND-BANKS AND BANKING

Bank control over the progress in carrying out the plan for the wage fund in People's Poland. Bronislaw Blass Den. i ki ed 21 no 12 73-75 D 166.

POLAND—BIBLIOGRAPHY

[New literature on Poland] Nov. lit. po Polt. nos. 11-12

POLAND-CIVIL LAW

Poland. Laws, statutes, etc. [Civil code of the Polish People's Republic. The law of April 23, 1964. Trans-lated from Polish] Grazhdanskii kodeks Pol'skoi Narodnol Respubliki Zakon et 23 aprola 1964 goda i red I A Gringol'tsa Moskva, Progress, 1966 373 p

POLAND—COMMUNIST PARTY
The 25th unitive) saly of the establishment of the Polish
Workers' Party Zenon Klierko Kommunist 13
no. 1 103-111 Ja 167

POLAND—COMMUNISTS

Sheveley, A.G. [Fraternal cooperation of Polish social democrats with the Bolsheviks in 1903-1910] Bratskoe sofrudnichost o pol'skikh sotsial-demokratov s bol'akevikani 1903-1910 gg. Kley, Izd-vo Klevskogo univ., 1966. 259 p. (CSt-II)

POLAND—DERMATOLOGY—PERIODICALS

Book reviews Vest derm I ven. 37 no 3:74-76 Mr '63

POLAND-EDUCATION-AIMS AND OBJECTIVES

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POLAND-FARM CORPORATIONS

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POLAND—HISTORY

A.N. Kuz'mın-Karavacv's contacts with Polish revolu-tionary organizations. A.I. Bortnikov. Vop. ist slav. no. 2:161-173 466.

no. 2:161-173 '16.
Akademita nauk SSR. Institut slavianovodeniia. [History and culture of Slavic peoples; the Polish liberation movement of the 19th and 20th centuries and problems of the history of culture] Istoriia i kultura slavianskilan navodov, pol'skee osvoboditel'nce dvizhenie XIX-XX yv. 1 problemy istorii kultury. Moskva, Nauka, 1966. 238 p. (CSL-H)

History of Polish-Italian revolutionary contacts, G.V. Berdnikov, Vop. ist. slav, no. 2-174-185 166,

In honor of the millennium of the Polish State, Vest, AN 555R 36 no. 12:7-9 D '66.

POLAND-JUVENILE DELINQUENCY

Methods of studying the delinquency of children and minors in the Polish People's Republic, M Mykheienko, S. IAtsenko, Rad pravo 29 no. 12:84-87 D 166,

POLAND-LEGAL RESEARCH

Methods of studying the delinquency of children and minors in the Polish People's Republic M. Mykhetenko, S. IAtsenko, Rad. pravo 29 no. 12 84-87 D 166,

POLAND-MICROBIOLOGICAL RESEARCH

Work of microbiological research institutions of Poland. L.G. Loginova, V.A. Lambina, T.B. Kazanskaia. Mikro-biologiia 31 no. 5 952-955 S-O '62.

POLAND—PUBLIC PROSECUTORS

New forms of the work of public prosecutors in the Polish People's Republic. Jerzy Smoleński. Sots.zakon. 43 no 12:65-67 D '66.

POLAND—SOCIALIST PARTY

ne pacey of agricing revolutionary traditions. P. R. Rostikov, A. N. Oreshkin, Vop. 68 KPSS II 10, 105
43 Ja 167 The party of fighting revolutionary traditions, P. K.

POLAND—SOIL SCIENCE

Development of scientific studies in the field of call science in Poland Ch, Sventyit Rt - Pochvovede idi no 12-102-106 D 566

POLAND—STRIKES AND LOCKOUTS Liferth of the Bol thevik property to develop Rust 5-15 lish proletarian contacts, 1910-1914, IR, IA, Tab telinite, Vop. jet slav. Inc. 2 106-207 166.

POLAND-TECHNOLOGY-INFORMATION SHRVIES

Distribution of technical literature in Poland, It fun-skoyskii Prom Bel 9 no 12 6 fb D 166

POLAND—TELEVISION IN EDUCATION

Televiation's contribution to schools, J. Wapewicz, Sov. radio 1 tol. 12 no. 5 36-37 My to 3

POLAND---THEATER

Notes on Polish performances. Natella Hashind, ballin, Teatr 21 no 7,119-152 H 163,

POLAND-WAGES

Bank control over the progress in carrying out the plan for the wage fund in People's Poland - Bronislass life , Den. I kred - 24 no. 12, 73-15 D - 46

POLAND-WORLD WAR, 1939-1945

A double trap (to be continued). V. M. Zavallshina, N. Smieshnov. Ukr. bd. zbur. 10 no. 11,128-115 N. bd.

A twofold trap (continuation). V. M. Zavallahlan, M. O. Smieshnov, Uk., i.t. char, 10 no, 12 120-172 ft w.

POLAND-WORLD WAR, 1939-1945-UNDERGROUND MOVEMENTS

Pictrzak, Tadousz. [The underground front; recollections of a Polish partition.] Abridged translation from the Polish. Podpol by front; vospominantin polishogo fartiziana. Podeslovie P. Kostikova. Moskva, Politizata, 1966, 156 p. (CS(-II)

POLARIZATION (ELLCTRICITY)

Degree of radio algoral polarization. A. P. Rodhark. Radiotekh i elektron - II no II 1967-1973 N. 775

Kanarelkin, D. B., N. F. Pavlov, and V. A. Polekhin, [Polarization of radar signals] Polarizatalla radiole i tsionnykh signalov, Pod red. V. E. Dulevich i, Maskva, Sov. 1 adio, 1966, 440 p.

Method of measuring polarization potentials at high temperatures for interenable systems in aphydrous acctic acid. A.M. Aboimov, S.V. Corbackey. Trud. MKHTI no. 11,46 - 53 - 163

POLARIZATION (LIGHT)

the of shadow pointier in studying homogenetty of corundum. V.S. Doladugina, E. D. Berozina, Hast grist, 5:391-401 (65

POLARIZATION (NUCLEAR PHYSICS)

Abov, IU. G., A. D. Gul'ko, and P. A. Krupchitskii.
[Polarized slow neutrons] Poliarizovannyo medlennye neitrony, Moskva, Atomizdat, 1966, 267 p.

Birefringence of y squanta in polarized nuclear target V.G. Baryshovskii. Add fiz. 1 no. 5:1048-1046 tf 4-6

Complete experiment of isobar production in meetin nucleon collisions, M.S. Dubovikov, IAd fiz. 1 10 1 1058-1002 N 186

ionization energy losses by relativistic particles entering medium from vacuum. M.P. Torikian 123 AN Att SSR, Fiz. 1 no 1 259-261 466

isospin conservation and polarization effects, S, M Billen'ktt and others, IAd. fiz. 1 no 5-1063-1066 N

Neutron differention in polarized crystals V. C. Rec yellowskii Zhur eksp i toor fiz 51 no.5:1587-1591 ft 1 to Source of polarized ions, R.P. Slabospitskii and others, Izv. AN SSR, Set. flv. 30 no. 12:20 31-2036 13 464

POLAROGRAPHIC ANALYSIS

Concentration of substances in polarographic analysis, Report No. 9: Determination of toding long, Kin. Z., Brainina, E. IA, Sapo/hnikova, Zhan, anal, khim, 21 no. 11:1342-1317 [66].

POLAROGRAPHY

Cathodic pulse polarography with storage. Determination of tellurite and selemisulfate, B. IA. Kaplan, A. S. Rein kova. Zhui. anal. khim. 21 no. 10 1268-1271 166.

Determining trace element content of soils and planta-using amakam polarography with accumulation. I V Markova, S.I. Sintakova, Agrokhimita no. 12:118-121 D '66.

Oscillographic polaroscopy of flaoride-chloride melts containing soluble compounds of titanium, 11/. K. Delimarskii, R. V. Chernov, Ukr. khim, zhur, 32 no. 12:1285-1201 166.

Polarographic determination of a-tetralone online in U-(o-aminophenyl) butyrolactam. N.A. Lezineva, E Kruglov. Zhur, anal, khim. 21 no.11d1358-1362 155.

POLAROGRAPHY (Continued)

Polarographic determination of duntille of azoiso-butyric acid in polymers V. N. Dmitriera, V. D. Bezuglyr Vysokom soud 4 no 11 1572-1676 N. 162

Polarographic detci mination of maleic scid diesters K Armov and others, Zhur, anal khim 21 no 10 1248-1252 168

Polarographic determination of oxalic acid on platinum anode in aqueous solutions A.G Kormenko, I.A. Mickind, M.IA. Froshin. Zhur, anal khim 21 no 12 1501-1503 466.

Polarographic determination of yellow phosphorus in cthanol solutions A.P. Fomiley, I.M. Osadehenke, Zhur anal khim 21 no. 12 1498-1119 166

Polarographic methods for studying soils, plants, and natural waters 1...A. Vorobreva Agrophimita no 12-121-134 D '66

Polar ographic study of composition of complex gallium control space study of composition of complex gallium from in chloride solutions of pyrocatechol A.I. Zelian-skaia, L. IA kukalo, Zhui anal, khim. 21 no 10 1101-1195 | 66

Polarographic study of metallic oxides with equimolecu-Iar mixture NaPO₃ - KCl as the support 1 D Panchen-ko, K M Boiko Uki khim thur 32 no. 12 1286-1298 '66

Polarographic study of fine complexes with p-aminosalicylic acid M.S. Novakovskii V N Volnova Zhurneorg Phim II no II 2624-2627 N '66.

Possibilities of the polarographic method in early diagnosis of pulmonary cancer AS Mamonto and others Khururgia 42 no 11 89-91 N '66

Shape of polarographic waves of semi- and thiosemical-bazones. G.K. Buintrov, S IV. Baigil dina, IV P. Kitaev. Pickirokhimila 2 no 11,1263-1268 N 466

Simultaneous polar ographic determination of hon and cobalt, E. A. Terent'eva, T. M. Malolina hhm. 21 no. 10 1271-1273 '66

Use of thepolarographic analysis method in the production of vanillin G P Tikhomi ova, \$ 1. Belen'kata Gidi oliz i lesokhim prom 15 no 148-19 462

POLAROGRAPHY-CONGRESSES

International Congress on Polarography, Thur, anal. khim 21 no 12:1514-1515 '66.

POLESYE-CORN (MAIZE)-FERTILIZERS AND MANURES

Effect of cohalt on the yield and some biochemical indices of sugar beets and corn N.G. Al'shev-kli. Agrokhimita no 12:30-88 D '66

Use of various forms of nitrogen fertilizers for nota-toes and com in Polesye of the Ukraine Sh I Lityak Khim v sell, khoz I no 12,11-12 D 'b6

POLESYE __DRAINAGE

Some problems in the transformation of Polesye. N. U. Rogozin, P. A Levitekii Vest, Mosk un Sur 5, Geog 21 no 6:60-66 N-D '66

POLYESYE-FIELD CROPS-FERTILIZERS AND MANURES

Pent-mineral-ammonia fertilizers in Zhitomis Province. IA. P. Koshelev, A. A. Godovanyi. Pochy, usi, l effek, adob. no, 1 103-109 '63

POLESYE—MINERALS

Mineral composition of finely dispersed fraction of Quatel nory cover sediments of White Russian Polesye S. G. Di omashko, K. I. Lukashev, L. I. Matveeva, Dold-AN BSSR 10 no.12:074-077 D '66

POLYESYE-PEAT

Preparation and use of peat manute at collective forms in Phitomin Province 1A, P. Koshelev. Pochv. ust 1 effek. udob. no 1:106-173 163.

POLESYE---PODZOL

Characteristics of the dynamics of some chemical proper ties of furf-Pedrolic sofis of forest and arable land. V. A. Butenko. Pochv. usi. i effer. udob. no. 1; 26-40 '63.

Studying the oxidation-reduction system of turf-Podroite soils. S. M. Tai'ko. Pochv.usi. i effek.udob. no. i: 41-47 '63,

POLESYE-POTATOES-FERTILIZERS AND MANURES Colastra—PORTUES—FERTILIZERS AND MARKES Effect of trace elements on the yield of pointoes in Polesye. V.G. Lapa and others. Pochv ust. i effek, uddb. no. 1;131-141 '63. Use of various forms of nitrogen fertilizers for pota-toes and corn in Polesye of the Ukraine Sh. I Litvak, Khim. v sell khoz. 4 no. 12 11-12 D '66.

POLESYE-POTTERY, ANCIENT

The history of pottery manufacture in Polesye. A Bobrinskii Sov. arkheol. 10 no. 4:141-149 166.

POLESYE—RED CLOVER—FERTILIZERS AND MANURES Effect of phosphorus-polassium and motybdenum fertilitzers on the yield of red clover seeds. A. A. Marchuk, Pochv. ust. t effek, udob. no. 1:142-144 163.

POLESYE-ROCKS, SEDIMENTARY-ANALYSIS Mineral composition of finely dispersed fraction of Qua-ter nary cover sediments of White Russian Polesye. S. G. Dromashko, K. I. Lukashev, L. I. Matveeva. Dokl. AN BSR 10 no.12;974-977 D *66.

POLESYE-SOIL MICRO-ORGANISMS

Effect of various cultivation techniques of peat-Podzolic sandy loam soils on soil and corn thizosphere microflora, I A Popov, I M Romeiko Mikrobiol zhiar 28 no. 0:50-55 '66

POLESYE-SUGAR BEETS-FERTILIZERS AND MANURES

Effect of cobalt on the yield and some blochemical indices of sugar beets and com. N.G. Mishevskii. Agrokii-mila no 12:80-88 D. 186

POLESYE --- TILLAGE

Effect of various cultivation techniques of peat-1 advolte sandy from soils on soil and countritizesphere intere-tions. F. A. Popov, J. M. Romeiko. Mikzobiol zhur 28 no. 6 50-55 166

POLESYE-TRACE ELLMENTS

Microelements in granulometric spectra of cover sediments of White Russian Poicesse K.I. I ukasher and others, Dokl AN BSSR 10 no 10 759-762 O 466.

fegal status voluntaryassistants to the police officers who investigate or immal officiers, according to recently enacted laws. M. Hurs'kyr. Pravomavstvo no.; 115-122-165.

Shehepskin, D.M. [Public order is in the hands of the people] Obshchestvernyl portadok - v rukaki naroda. Tula, Priokskoe kulahnoe izd-vo, 1965. 101 p. (MIII-L)

POLICE SERVICES FOR JUVENILES see subdivision under Leningrad

POLIOMYE LITIS-PREVENTION

Voroshilova, M.K. (Immunology, epidemiology and pre-vention of poliomyelitis and anatogous diseases) Immu-nologita, epidemiologita i profilaktika poliomielita i skhodnykh s nim zabelevanti. Moskva, Meditsina, 1966. 438 p. (DNLM)

POLIOMYELITIS-PREVENTIVE INOCULATION

Study of immunological reactivity in white rats following primary and repeated immunization with poliony litts antigen A.T. Marchenko Trudy Mosk neuch -isel inst vitus prep no 3;195-200 '65

POLIOMYELICIS VACCINE.

(see also suixiivision under Moscow)

Dynamics of serological shifts in children vaccinated with live pollomyellis vaccine from Sabin strains. G.P. Taranova, Vop. virus. 8 no. 4 409-415 Ji-

Mathods and results of propering tive policy-pelitis vac-cine, not containing mixtures of the vacuoding virus M.P. Chumatov and others, Vop. virus 8 no. 4,146-440 JI-Ag 163

POLIOMYELITIS VIRUSES

Interaction of Coxackie and poliomyclitis viruses in experiments on monkeys V D Solov'ev. 1. M Mentkevich. N.R. Guttmon Trudy Mosk nauch -isst inst virus prepno 3 139-114 '95

Mutagente and inactivating effect of hydroxylamine in dealing with infectious RNA and native politomyelitis virus II v. Gendon Vop. virus II no 6:724-729

Some a iter in for the detection of correlations between bacter is and viruses Report No 1: Bacter is of the Escherichia coli group as absorbents of enter oviruses A. E. Essell, K. G. Medvinshaia, I. J. Neznanshaia Zh mikrobiol , epid i immun 43 no 11:69-73 N '66

Study of pathogenicity of poliomyelitis virus strains in experiments on monkeys E. F. Rozina, IU, M. Siavin Trudy Mosk nauch -issl instruirus prep no. 3;132-138 '65.

POLIOMYELITIS VIRUSES-CULTURES AND CULTURE MEDIA

Effect of cystine on chromolographic behavior and thermo stability of pollomyelitis virus variants, S V Maslova, V.I. Agol. Vop virus 11 no 5-581-585 S-O '65,

Use of methods based on interference between the -borne enternation observed in interest enter network to the enternation of t

POLISH LITERATURE—HISTORY AND CRITICISM

Akadomiia nauk SSR, histitut slayianovedeniia, [History and culture of Slavic peoples; the Polish liberation movement of the 19th and 20th centuries and problems of the history of culture] Istoriia i kultura slavianskiki narodov; pol'skoe osvoboditel'noe dvizhente XIX-XX vv. 1 problemy istorii kultury. Moskva, Nauka, 1966. 238 p. (CSI-H)

POLISH LITERATURE—TRANSLATIONS INTO RUSSIAN Background of the study of translated novels in the 17th century, O A Derzhavina, Trudy ODRL 18:176-187 162.

POLITICAL SCIENCE see subdivision under Great Billain

POLLEN

Analysis of the pollon of different varieties and species of apple VI karannyshera. Shor trud asp i mol nauch soft VIR no. 2 247 258 761

Determining the viability of corn pollen in the fields of the Volga-Al-huba Floodplam A. G. Khudofan Shor trad asp. 1 mol nauch sotr, VIR no 2 108-112 461

Pitect of light on gen munch soft, VIR no 2 108-112
Pitect of light on gen munction of pollen guning L.M.
Holubyns'kvi Dop AN URSR no 11-1498-1501 '66
Radiosensiti its of corn pollen V.N. Lysikas, V.S.
Semin, V.I. Madia. Gen., set i sem kut. no 148
191 '65 no 1:188-

Structure and functions of the spherosomes of police tubes I P Petrouskaja-Barmiota, N V. FSinger Biul Glav. bot sada no 63 25-33 466

Studying the effect of temperature and moisture on the poller viability of Clinas telanguasis. N.M. Toloram Shor trud, asp i mol nauch soft VIR no 2 277-281

POLLEN, FOSSIL

Use of ultrasonic waves for the isolation of police from locases and clayey rocks M P Crichuk Vest Mosk un Ser 5: Geog 21 no 6 56-59 N-D '66

POLLINATION see Fertilization of plants

POLOTSK-ELECTRIC POWER PLANTS-MANAGEMENT Interprise with a perfect organization of production, P A, Dolgov Prom Bel B no 12 26 27 D 466

POLITAVA GOVERNMENT-RUSSIAN SOCIAL DEMOCRATIC PARTY

Bolsheviks of the Poltava Government during the new Intensification of the revolutionary movement, 1910-1914, V.F. Sokurenko, Ukt. ist zhur, 10 no. 12 39-13 D 66.

POLTAVA PROVINCE-LABOR AND LABORING CLASSES

Workerst character Z.Dekhitar Sov Ukr 12 no. 1/183-

POLTAVA PROVINCE-POTATO LEAFROLL

Infectious degeneration of potatoes in the form of leaft oll and spindic tuber in Poltava Province M Minayless Shor traid asp, i mol nauch soft VIR no 2 300-309 [6].

POLTAVA PROVINCE-POTATOES-DISEASES AND

Infectious degeneration of polatoes in the form of leaftful and spindle tuber in Poltava Province. M. Muravitva Stor. trud, asp 1 mol, nauch soir VIR no. 2-300-308 bb

POLTAVA PROVINCE—SOVIETS

Enhancing the role of the sovicts is our foremost objective, V. Tymoshenko Rad, pravo 29 no. 12 19-22 D '66

POLOVISOV, ALEKSANDR ALEKSANDROVICH, 1832-1909

Polovisov, A.A. [Diary of State Secretary A.A.Polovisov in two volumes] Dnevnik gusudarstvennogo sekretarita A.A.Polovisova v dvukh tomakh. Moskva, Nauka, 1966.

Chemical transformations of polymers. Part 8: Degradation of polyhevamethyleneadiphamide at high tempera-tures. S.R. Rafikov, C.N. Chelnokova, R.A. Sorokina, Vysokom, seed 4 no 11:1639-1616 N 462.

Surface treatment of PK-4 films with stabilizing substances N. I. Anti opova and others Plast massy no D 61-64 '62.

POLYCHLOROPRENE—THERMODYNAMICS

Conformation and thermodynamic properties of polychloro-prene macromolecules in solutions — A, V Gevorkinn lzv AN Arm SSit Fiz — 1 no. 3 157-163 **66**

POLYEMBRYONY

Polyembryony in citrus fruits, N.I. Maisuradre, Subtrop. kulit. no. 3 00-90 '66

POLYETHYLENE

Phosphorylation of polycthylene and butadiene rubber. G.F. Bebikh and others. Vysokom. soed. 4 no. 11: 1677-1681 N 162.

Relaxation disintegration of pipes made from high den-sity polyethylene. M. N. Bokshitskii Plast, massy no. 9,52-57 '62.

Structure of adhesive active surface layer of exidizer polyethylene studied by means of infrared spectroscopy. F.K. Borisov and others. Koll zhur. 28 no.6 792-796 N-D 166

Study of the discersit and perosity of high-density polenthiene K.A. Vylegzhanina, A.V. Shagilova, V.D. Chernikh Plast massy no 123-4 '66

Use of polyethylene films for storing frozen herring. E. Platonova. Ryb. khoz. 42 no. 11:62-63 166.

PNEUMATIC MACHINERY (Continued)

Vectorize I nauchno-rested addition on the calculation and design of units for programming motivate programming proceedings of wastes from the FF-, two-stage filters. Metodichessic advantage pointeched in procedure and unknowned did programming the stops of the filters. The stage of the sta tim FT-2 Itanovo, 1965 23 p
[MICROFILM]

PNEUMATIC MACHINERY-DESIGN AND CONSTRUCTION Men similer of drills for blesthole boring. V I I atskill and others. Gor other no 12:43-45 D '66

PNEUMATIC MACHINERY-MODELS

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PNEUMATIC TOOLS

Study of open ring process of parametric hand rammetry A. Khushha, D. G. Surorov, E. A. Moramentov. Izv. 178 urbeb 221, 54101 (a) But 9 no 9 112-116 (b)

PNEUMATIC TUBE TRANSPORTATION (see also subdivision under Muss)

Type (imental device for the pneumitic transportation of took in subvay construction M.1 Miagkov. Transportation 11 no. 12-22-24. D. [6]

PNEUMOCOCCAL INFECTIONS

Characteristics of pneumoroccal pneumonla in radiation stepness R M Rabinovich, I D Mater Vop radiobiol 4(256-30) 161.

PNEUMOMEDIASTINUM

Pheumore-diasting raphy in the diagnosis of perical dial casts L N Fishchenko Prud, Novobuz Gilbuva 32 80-83 '65

PNEUMONIA

Association of st-phylococcus with respiratory charges in acute incomenia V.A. Ritova, A.S. Larionov. Zhur mikrobiol cepul f. immun. 43 no. 11-71-76 N. 186.

Changes in some peripheral blood indices under the influen-ec of NCI II in health, persons and children with pictimonio 5 A Dzhafarova Azerb med zhir 40 no 4 38-44 Ap '63

Characteristics of pneumococcal pneumonia in radiation sickness R M Rabinovich, I D Merer Vop radiobiol 4 296-307 '61

Detection of atypical pneumonia in a polyclinic by neans of large-photograph fluorography B. A. Bakhshlev. Azerb med 4hur. no 3-35-39. Mr. 162

PNEUMONIA-MICROBIOLOGY

treterinary hygiene measures as the basis of the prophylayes of in unchappenumonia in calves in the summer P T Lebede: Spor, nauch rab SibNIVI no. 11 220-228

PNEUMOPERITONEUM, ARTIFICIAL

Method of inducing artificial pneumoper toneum in X-ray diagnosts of tumo, like neoplasms in the abdominal cavity. A A Akperbelov Azerb med zhut no 3:48-53. Mi. 162

Pneumopolitoneum in the X-ray diagnosis of cancel of the upper parts of the stomach E. F. Pinsov. V. I. Istaf'ev Vest. ent i rad 37 no. 3 27-30 My-Je '62.

PNEUMOTHORAX

Fice boiles in the pleural covity following at theial preumothorax N. V Sakharina Trudy Novokuz GDUVa 32:69-71 '65

PODGORBUNSKII, VASILII INNOKENT'EVICH, 1894-

Vasilii Innotent'evich Podgorbunskii an obitusiy 123 Vost -Sib old Geog ob-va SSSR 60 167-171 162

PODGURSKII, MIKHAIL IGNAT EVICH

1 gift B, Simkin Sov. Ukr 12 no 4-111-113 1p 162,

POD"IAPOL'SKAIA, VARVARA PETROVNA, 1892-Varvara Petrovna Pod"iapol'skaia. Med. paraz. i paraz.

*al 31 no 5 633-634 S-O 162

PODOLIA—SOCIETY, PRIMITIVE

The population of eastern Podolia in the middle of the fast century A.D. N.M Kravchenko Ukr ist, zhur 10 no 12 99-105 D 466.

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Economize in both big and small matters D. Kliunenko. Agitator no. 18 23-28 9 182

PODOLYNS'KYL VASYI', 1815-1876

V. Podolyne kyl's "A word of warning," F. I. Steblit, Ukr. ist. zhur. 10 no. 12,44-51 D '66.

PODVOISKII, NIKOLAI IL'ICH, 1880-1948

In the spirit of meditation. L. Podvolskii, V mile knig 6 no. 11:3-5 N 466

PODZOL

(see also subdivision under Polesye; Zhitomir Province)

Changes in physicochemical characteristics of the type of turf-Podzolic soils in connection with the methods of basic tillage. E V. Seredinskaia Trudy Un, druzh. nar. 14. Sel'khoz, nauki no. 1 113-124 466.

POETS, WOMEN

Our politesaes, N. Barskola. Vinite knig 6 no. 10: 32-33 O '66

POISONING

Effect of poisons inhibiting giveolytic phosphorylation on cespication in frogs S V Osipova Trials LPMI no 32 117-119 '65

POISONOUS ANIMALS

(see also subdivision under Tajikistan)

Pigulevskii, S. V. [Poisonous animals; toxicology of vertein ates] IAdovitye zhivotnye, toksikologiia pozyonechnykh (Leningrad] Meditsina, 1966—385 p.

POISONS-PHYSIOLOGICAL EFFECT

Effect of posions on the development of Bac acctoctly li-cus and Bact coli M B, kupletskana, I Γ, Nette Mike objelegia 31 no 2 227-232 kh -Ap ¹⁶2

POKROVKA OIL FIELD—OIL FIELD FLOODING

Economic evaluation of injecting oil field waste waters into producing formations IU.F. Gostev, V. N. Malygin, I. I. Red'kin. Ekon, nettedob prom. no. 5.29-31 168

POLAND-ACCOUNTING

Problems of theory and practice in accounting in the People's Republic of Poland. S. Gurniak. Bully, uchet no.11:63-05 N 06.

POLAND-PANKS AND BANKING

Bank control over the progress in carrying out the plan for the wage fund in People's Poland Bronislaw Blass Den 1 krcd 24 no.12 73-75 D '66.

POLAND-BIBLIOGRAPHY

(New literature on Poland) Nov. lit. po Pol'. nos. 11-12

POLAND-CIVIL LAW

Poland. Laws, statutes, etc. [Civil code of the Pollsh People's Republic The law of April 23, 1964. Translated from Pollsh Grazhdanskii kodeks Pol'skoi Narodnot Respubliki. Zakon ot 23 aprelia 1964 goda I red. I.A Gringol'tsa. Moskva, Progress, 1966.

POLAND—COMMUNIST PARTY
The 25th universaly of the establishment of the Polish
Workels! Puty Zenon Kliszko, Kommunist 13
DB 1:103-111 Ja 167.

POLAND—COMMUNISTS

Shevelev, A.G. [Fraternal cooperation of Polish social democrats with the Bolsheviks in 1903-1910] Bratskoe sotrudnichestvo pol'skikh sotsial-demokratov s bol'-shevikami v 1903-1910 gg. Kiev, Izd-vo Kievskogo univ., 1966. 259 p. (Cst-II)

POLAND—DERMATOLOGY—PERIODICALS

Book reviews Vest deam iven 37 no 3:74-76 M: 163

POLAND-EDUCATION-AIMS AND OBJECTIVES

Reform of the public school system. Waclaw Tulodziecki. Sov pedag - 70 ho. o 152-153 Jc 166

POLAND-FARM CORPORATIONS

The "Ketsh" agi icultural combine — Jerzy Rossinski. Ekon. sel'hhoz — 42 no 12;111-113 D — 166

POLAND-HISTORY

A. N. Kuz'min-Karavaev's contacts with Polish revolu-tionary organizations, A. I Bortnikov, Vop. ist. slav. no. 2.161-173 '66

no. 2.161-173 '66

Akademiin nauk SSSR. Institut slavianovedenția. [History and culture of Slavic peoples, the Polish Ilberation movement of the 19th and 20th centurios and problems of the history of culture) Istorila i kul'tura slaviansklia navodov, pol'skoe osvoboditel'noe dvizhenie XIX-XX vv. i problemy istoril kultury. Moskva, Nauka, 1966, 238 p. (CSI-H)

History of Polish-Italian revolutionary contacts, G.V. Berdnikov, Vop. ist. siav. no. 2.174-185 166. In honor of the millennium of the Polish State. Vest. AN

SSSR 36 no. 12:7-9 D 166

POLAND-JUVENILE DELINQUENCY

Methods of studying the delinquency of children and minors in the Polish People's Republic, M, Mykheienko, S, IAtsenko, Rad pravo 29 no. 12:64-87 D '66,

POLAND-LEGAL RESEARCH

Methods of studying the delinquency of children and minors in the Polish People's Republic M. Mykhetenko, S. IAtsenko. Rad, pravo 29 no. 12:84-87 D '66,

POLAND-MICROBIOLOGICAL RESEARCH

Work of microbiological research institutions of Poland, L. G. Loginova, V. A. Lambina, T. B. Kazanskaia, Mikro-biologiia 31 no. 5 952-955 S-O 162,

POLAND-PUBLIC PROSECUTORS

New forms of the work of public prosecutors in the Polish People's Republic. Jerzy Smoleński. Scis.zakon. 43 no.12;65-67 D '66.

POLAND-SOCIALIST PARTY

The party of lighting revolutionary (raditions P.K. Kostikov, A.N.Oreshlim Vop 15t KPSS II 189, 132-14 Ja 167

POLAND-SOIL SCIENCE

Development of scientific studies in the field of soft science in Poland Ch, Sventsit (k) Pachyovedenic no 12:102-106 D 56

POLAND-STRIKES AND LOCKOUTS

Efforts of the Holshevik press to develop llusse-Policy problation contacts, 1900-191, B. Li, Tabachuko , Vop. 18t, Slav. no 2 186-201 (66

POLAND—TECHNOLOGY—INFORMATION STRVICES

Distribution of technical literature in Poland, B Tirestovskii Prom Bel. 9 no 12 6 fb D 466

POLAND-TELEVISION IN EDUCATION

Television's contribution to achoots. J. Wanewicz. Sov radio 1 tel. 12 no 5 16-37 My 163.

POLAND--THEATER

Notes on Polish performances. Natella linghindzhallan Tentr 24 no. 7 119-150 di 163.

Bank control over the progress in carrying out the plan for the wage fund in People's Poland. Bronislay Blass Den. I kied. 24 no. 12 73-75 D 166.

POLAND-WORLD WAR, 1939-1945

A double trap (to be continued). V. M. Zavallahlm, M.O. Smieshnov, Ukr. lat. zhur. 10 no. 11;120-115 N '6h.

A twofold trap (continuation). V. M. Zavallshina, M. O. Smieghnov, Ukr. ist zhne., 10, no. 12, 126-123, D. Odo.

POLAND—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Pletrak, Tadeusz, The underground front; recollections of a Polish partigan Abridged translation from the Polish; Podpol'nyl front, vesponimantia pol'skogo partizina Posicslovic P. Kostikova Moskva, Politizda, (CSt-II)

POLARIZATION (ELECTRICITY)

Degree of radio signal polarization. A.P. Rodin on . Radiotekh i elektion. H. no H.1957-197 (N. 205)

Kanarolldn, D.B., N. F. Pavlov, and V. A. Potekhin.

[Polarization of radar signals] Polarizatisfia radiolokitsionnykh signalov.

skva, Sov. radio, 1966. 440 p.

Method of measuring polarization potentials at high temperatures for irreversible systems in subjector acctic acid. A. M. Aboimov, S. V. Gorbachov. Lindy MKHII no. il. 46-53. 463.

POLARIZATION (LIGHT)

Use of shadow polarizer in aladying homogeneity of corondum. V.S.Dohadagina, P. D. Bereziau, Root krist, 5,491-101, 465

POLARIZATION (NUCLEAR PHYSICS)

Aboy IU.G., A.D. Gul'ko, and P. A. Krupchtiskit.

Polarized slow neutrons | Polarizovannyo medlemiyo nettrony. Moskva, Atomizdat, 1969. 267 p.

Birefringence of y equanta to polarized nuclear tarret. V.G. Baryshevskii, 1Ad 112. 4 no 5:1045-1016 N 160

Complete experiment of leabar production in meats nucleon collisions, M.S. Dubovikov IAd, fiz. 1 + 5, 5

Ionization energy leanes by relativistic particles entering medium from vacuum. M.P. Lorikian [2v, AN Arm SSR Fiz. 1 no 4 250-261 '66,

Isospin conservation and polarization effects. S. M. Bilen'kii and others. IAd, fiz. 4 no. 5:1003-1006 ;;

too, Neutron diffraction in polmized crystals. V. () Harysleve-skii Zhur eksp. (tour. fiz. 51 no 5-1587 1591 N '66 Source of polarized ions, R. P. Slahospitskii and other P. Ley, AN SSSR, Ser. fiz. 30 no. (2:2031-2036 D '66).

POLAROGRAPHIC ANALYSIS

Concentration of substances in polarographic analysis, Report No. 9: Determination of todime logs. In Z. Brahilms, E. Id., Sapozlmikova. Zhur, anni, Ehlin, 21 no. 11/1342-1347 [66].

POLAROGRAPHY

Cathodic pulse polarography with storage. Determination of tellurite and selenosulfate. B. IA. Kaplan, A.S. Rusakova, Zhur, anal, khim. 21 no.10 1268-1271 166.

Determining trace element content of soils and glants using antaigam polar ography with accumulation 1 V Markova, S I. Sintakova, Agrokhimita no 13 118-173

Oscillographic polaroscopy of fluoride-chloride melta containing soluble compounds of titanium. 1U, & Delimarskii, R. V. Chernov. Ukr, khim, zhut. 32 no 12-1285-1291 *66.

Polarographic determination of a tetrolone evime in V-(o-aminophenyl) butyrolactam, N.A. Lechners, 1 Kruglov. Zhur, anal, khim, 21 no. 11:1358-1362 (56.

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Pent-mineral-ammonia fortifizers in Thilomit Province. 1A. P. Koshalev, A. A. Godovanyi, Pochvasi, i effet, wieb. no. 1:103-109 [63]

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POLESYE -- PODZOL

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Studying the oxidation-reduction system of turf-Podzolle soils. S. M. Tal'ko. Pochv.usl i effek udob. no. 1 41-47 | 63,

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POLESYE-POTTERY, ANCIENT

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POLESYE-SOIL MICRO-ORGANISMS

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Loyal status voluntaryas a stants to the police officers who have stigate criminal offenses, according to rucently enacted laws. M. Hurs'kyt. Pravornavstvo no. 1415-122 (6).

Scheingale, D.M. [Public order is in the hands of the people] Obshches wennyt por ladok - v rukakh nareda, Tula, Priokskoe kulzhnoe Izd-vo, 1965. 101 p. (MH-L)

POLICE SERVICES FOR JUVENILES see subdivision under Leningrad

POLIOMYELITIS-PREVENTION

Voloshilova, M.K. [Immunology, epidemiology and prevention of pollomyelitis and analogous diseases] Immunologia, epidemiologia i profilaktika pollomielita i shiodaykh s nim zabolevanii. Moskva, Meditsina, 1966. 438 p. (DNLM)

POLIOMYELITE-PREVENTIVE INOCULATION

Study of immunological reactivity in white rats following prinsity and repeated immunization with policonveiltis entigen A. T. Marchenko I rudy Nosk mauch -isel inst virus prop. no 3,145-200 '65

POLIOMYELITIS VACCINE

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POLIOMYELITIS VIRUSES

Interaction of Coxackle and poliomyclitis viruses in experiments on monkeys V D Solov'cv. I. M Montkevich. N.R Cutman Trudy Most nauch -isel inst virus prepno 3:139-114 '65

Mutagenic and inactivating effect of hydroxylamine in dealing with infections RNA and native policyclitis virus IU, Z Gendon Vop. virus II no 6:724-720 virus IU N-D '68

Some criteria for the detection of correlations between bacteria and viruses. Report No-1; Bacteria of the Bachoi Irlia coli group as absorbents of entercyli uses A. E. Dasel', K. G. Medvinskaja, I. I. Neznanskaja, Zhur-mikrobiol., opid i iramun. 43 no 11:69-73 N '66

Study of pathogenicity of poliomyelitis virus strains in evpetiments on monkeys T. C. Rozina. III. M Slavin Trudy Mosk nauch -isst inst.virus prep no 3:132-138 '05.

Study of virulent strains of policing elitis virus in experiments on monkeys. F. R. Pille and others. Trudy Mosk nauch -issl instructus prep. no 3:124-131 '65

POLIOMYCLITE VIRUSES-CULTURES AND CULTURE

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Use of methods based on interference between tick-but ne encephalitis and poliomyclitis viruses in human embryo tissue culture for serological surveys of human sub-jects. A.D. Al'tshtein and others. Vop. virus. 8 no. 4:392-397 Ji-Ag 163.

POLISH LITERATURE—HISTORY AND CRITICISM

Akademila nauk SSSR, Institut stavianovedenija, [History and culture of Slavic peoples; the Pollsh liberation move-ment of the 10th and 20th centuries and problems of the history of culture] Istoriia i kul'tura slavianskith naro-dov, pol'skoe osvoboditel'noe dylzhenie XIX-XX vv. i problemy istor if kultury, Moskva, Nauka, 1966. 238 p. (CSt-H)

POLISH LITERATURE-TRANSLATIONS INTO RUSSIAN Background of the study of translated novels in the 17th century. O. A. Derzhavino. Trudy ODRL 18:176-187 '62,

POLITICAL SCIENCE see subdivision under Great Buttain

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POLLINATION see Pertilization of plants

POLOTSK-ELECTRIC POWER PLANTS-MANAGEMENT Laterprise with a perfect organization of production P A. Dolgov Prom Bet 9 no 12,26-27 D '6b

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POLOVISOV, ALEKSANDR ALEKSANDROVICH, 1832-

Polovisov, A.A. [Diary of State Secretary A.A.Polovisov in two volumes] Dnevnik gosudai stvennogo seki etarlia A.A.Polovisova v dvukh tomakh. Moskva, Nauka, 1966.

POLYAMDES

Chemical transformations of polymers. Fart 8: Degradation of polyhexamethylenendlipinamide at high tempera-tures S. R. Rafikov, G. N. Chelnokova, R. A. Sorokina Vysokom, seed. 4 no. 11;1539-1646 N '62.

Surface treatment of PR-4 films with stabilizing substances. N.I.Anti opove and others. Plast massy no. 9 61-61 '62

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Conformation and thermodynamic properties of polychtoroprene man omolecules in solutions. A.V.Gevorkian, Lev AN Ann SSR, Fiz. 1 no 3-157-163 '66

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Polymerization of 4-methyl-1, 3-pentadiene and structure of polymers. I. A. Livshits. V, I. Stepanova Vysokom soed. 8 no 10-1773-1777 O '66

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Synthesis and polymerization of allyl and methacrylic esters of alkylphosphinic acids. L. P. Raskina, L. N. Turovskata, A. A. Berlin Plast massy no 12:7-10 '66

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and v.N.Kuleznev. [Structure and mechanical properties of polymers] Structure 1 mechanicheskie svoistva polimerov. Moskva, Vysskala shkola, 1986.

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One analytic consequence of unitarity condition, O. 9 Parasiuk, tike mat, thut—18 no 6429-139 465

Uniqueness of polynomial of best opproximation in M metric, to IA. 1A rakbmedov, Izv vys. which zay met no. 6 177-107 *66

Use of asymptotic second-order polynomials for applicamate solution of differential and integral equations I L. Eterman I I.v., vys. ucheb, zav., mat. 105, 6 led. in 1

POLYPLODY

Akademiin nauk SSSR. Sibirekoe etdetente, institut tsitologii I genetiki, [Exportmental polyphole in plant breeding [Exsportmental nata polipholdita v selestati rastenti. Novosibirsk, Nauka, 1968. 347 p. (DNAL)

Characteristics of the amphidiploids Triticum Timospheed Zhak X Tr. durum Denf. and Tr. senticum 1 X Tr. Timopheed Zhak P. V. Taviln, Shor, trud asp.i mol nauch noir, VIR. no. 2:50-66. [6].

Effect of phonozone of polyploid angen boot for non C. P. Kudriavisev Doki, AN BSR 10 no 12:4994-997 D for Some characteristics of the letrapiotal forms of common tomato (Lycoperation exculentian Mit.), T. I Abbeley a Shor, trud cap t mol nauch, note VIR no. 2 lag 40 bears

POLYPROPYLENE

Effect of magnesium stem at on attracture and hinetical of crystalltration of factactic polypa crystems t. P. Vasilevskain and others. Vysokom. scent. 8, no. 10, 1783-1797. O. 166.

Photostabilization of polypropylone films for use in stri-culture equipment M. R. Nelman and others. Plant massy no 9.4-6. 152

Solid-phase chlorination of polypropylone by ioniting radiation R V. Dahagatapanian and others Vysolone sood. 8 no 10:1745-1753 O '60

POLYPROPYLENE _THERMAL PROPERTIES

Anisotropy of heat conductivity of oriented polymer (liters G. L. Slonimskii, T. A. Dikoneva, V. I. Pavlov, Vysoka, 1 soed. 8 no 10:1717-1720 O '06.

POLYSACCHARIDES

Characteristics of polysaccharide containing fractions of plague microbes. 17, 18, Bukbrakh, V. D. Ligoroya, L. P. Payloya, Zhur mikrobiol., epid. i immun. 33 no 6; 126-130 Je '02.

Effect of palysaccharide complexes on nucleic acid conlett in tissues of mice with experimental tumoric rokers stain). L.G.Shtesser, IU.V.Galaev. F. P. Flanter, a Ukr biokhim, akm. 38 no. 6 630-632 '66

immunochamical analysis of polysaccharids-containing complexes of intestinal hacteria of various services. S. V. Afons'ka-Drobot'ko, 1 lA. Zakharova. Mikrobiol. zhur. 28 no. 6:27-33 466.

Polysaccherides in yeastille organisms. N. P. Eline. G. A. Vitovskais. Biokhimiis 28 no. 2:312-315 Mr-Ap '63

Polysaccharides of Panax ginseng. IU.S. Ovodov. T. I. Solovieva. Khim, prirod, soed. no. 5:209-303 '66.

POLYSACCHARIDES-SPECTRA

POLYSACCHARIDES—SPECTRA
Structural characteristics of CH2OH group of polycar-bolly drates and their model systems—R. G.Zhbankov, N.V Ivenova, V. P. Komar—Vysokom soed—8 no 10, 1778-1782—O 'b6

POPLAR see subdivision under Baikal Lake region

Triglyceride composition of poppy-seed oil. A.G. Voreshchagin, Biokhimila 27 no.5 866-874 S-O '62.

POPULAR FRONTS see subdivision under Austria

POPULATION-CONGRESSES

POPULATION—CUNGICESES
World Population Conference, 2d, Belgiade, 1965,
[Problems of population and demographic statistics,
reports of Soviet scientists and specialists at the 1965
U.N. World Population Conference) Vopi osy narodonaselentia i demograficheskoi statistiki; doklady
sovetskikh uchenykh i spetsialistov na Vacuninoi konferentsii OON po vopi osam nai odonastelnia 1965 goda.
Pod red. P.C. Pod'lachikh i dt. Moskva, Statistika, 1966, 398 р.

POPULISM (NARODNICHESTVO) see subdivision under Volga Valley

PORCELAIN

High-quartz, low-potassium, finely dispersed percelain for insulator; B.I. Gaidash Stek, i ker 23 no 11 33-36 N '66

Kiin for rapid filing of cobalt porceinin. B. I. Terekhovs!-byi. I ch. prom. no. 2:56-58 Ap-Jr 162. Method for chindring the final temperature for biscuit

firing of household porcelain body in two-story furnaces with continuous action. N.I. Vrochinstkyl Leh. prom. no. 2: 8 Ap-Je 162.

Studying the processes in the formation of the microstructure of household percelain fixed at temperatures ranging from 900° to 1190°. O.F. IArinak, Teh. prom no 2-09-76. Ap-Je +62.

PORCELAIN-DRYING

Rapid method of air drying of high-voltage insulator parts and blanks, R. N. Krimer, Stek. 1 ker. 23 no 11: 41-42 N '06.

PORECH'YE RYBNOYE REGION (YAROSLAVL PROV-INCE)—LEPTOSPIROSIS

Hology of the lick Haemogamasus liponyssoides Ewing, I Z, Soloshemco, F, I, Korenberg, Med. paraz i paraz bol 32 no 2 208-209 Mr-Ap '63

PORECH[†]YE RYBNOYE REGION (YAROSLAVL PROV-INCE)—MITES AS CARRIERS OF DISEASE

Biology of the tick Hoemogamesus Hoonyssoldes Ewing. 1. Z boloshemro. D I Kolenberg Med paraz i paraz. bol 32 no 2:208-269 Mi-Ap 183

POROGOV, NIKOLAI IVANOVICH, 1810-1881

School and Hie. N. I. Pirogov Semila i shkola 21 no 12:31-33 D '66,

POROSTTY

PURCEITY
Fifect of long-chain quaternary ammonium salts on the
percently of bentonite clays—IE, M. Kal'onov, N. V. Hudovych, IE, H. Kukovs'kyi—Dop, AN URSR—no, ll 14791402—162.

Process of internal reaction and the reactive-kinetic proper ties of carbon M. I. Rogattin, Trudy IGI 18,54-63 [62]

Study of the formation of porous structure in gas concretes. S G. Danilova, IU M Butt, N.S Panina, Trudy MKHT1 no.41 116-128-163.

POROUS MATERIALS

Mithods of producing large-size potous pipe. P. A. Kondonko, A. G. Kostornov, V. S. Pugin, Potosh, met. 6 no. 11:88-07 N '66,

POROUS MATERIALS-THERMAL PROPERTIES

Heat conduction of porous materials of virconium dioxide and its dependence on the perosity and type of structure, 1.G. Duderov, D. N. Polubeia inov, V. A. Rakhmanov, Trudy MKHTI no. 41 164-172 '63.

PORPHYRIN AND PORPHYRIN-COMPOUNDS

Studies on the electron paramagnetic resonance of aromatic amino acids and porphyrins in the triplet state. Z P. Gribova and others Biofizika 8 no 5:550-5 '63.

PORPHYRIN METABOLISM

Some indices of porphyrin metabolism in healthy persons. R. B. Galbraikh. Lab.delo no. k37-38 467.

processes IU. P. Antypchuk, Dop. AN URSR no 11,1511-1513 162 Morphological data on the experimental study of digestive

PORTLAND CEMENT

Alkaline activity of slag portland cement. IU, A. Zhukov, V. V. Kind, O. V. Kuntsevich, TSement 32 no. 6:4-6

R-D '00
Emproving the quality of slag portland cement, V.I.
Funtikov, A.S. Panteleev, V.M. Kolbasov, Trudy
MKHTI no. 41:113-117 '63.

POSTAL CARDS

History of postcards. Sh Gershum, fA Belltskii, Knizh torg 17 no 12 34-36 D '66

POSTAL SERVICES—BUILDINGS see subdivision under Khabarovsk

POSTAGE STAMPS

New Soviet stamps. Nov. viem. 25 no. 4:3 of cover Ja 167.

You have a letter. N. Filippovskii. V mile knig 6 no. 10:15 O '66

POSTAGE STAMPS—COLLECTORS AND COLLECTING 1 brief dictionary for philatelists. A. Sudakov. Knizh. torg 17 no 12 12 D '66

POSTAL SERVICE

Efficient and rapid processing of holiiday rush mail, V. N. Matsucv. Vest sviazi 26 no 11 21-22 N 466

POSTOPERATIVE CARE

Causes of the origin of recurrences of hemangioma following its surgical removal, and ways of their climina-tion, A IU Solovko Klin onk no 173-78 165

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POTAPOV, LEONID PAVLOVICH, ca. 1905-

Leonid Pavlovich Potapov, Izv. SO AN SSSR no. 9. Ser. obshchestv. nauk no. 3:119-154 *66.

POTASII INDUSTRY see subdivision under Ukraine

POTASII MINES AND MINING-SAFETY MEASURES see subdivision under Berezniki region (Perm Province)

POTASHOV, ALEKSANDR IVANOVICH, 1906-

Aleksandi ivanovich Potashov. Agroklamita no. 12-110 D 166.

POTA5SIUM

Effect of recipiocal changes in the concentration of potas-sium and chloride ions on the magnitude of resting potentials in isolated skeletal muscle fibers of the frog LianZy-tium' (Liang Tz 'u-t'un), G. A. Kurella. Biofizika 8 no.5,597-605 63

POTASSIUM-EFFECT ON PLANTS see Plants, Effect of potassium on

POTASSIUM—PHYSIOLOGICAL EFFECT

Changes in the electrical characteristics of muscle fibers due to increased potassium concentrations in the environment V A Maiskli Biofizika 8 no 5;588-

POTASSIUM-THERAPEUTIC USE

Indications, dosage, and terms for administration of po-tassium preparations in postoperative period. A, A Krokhalev. Sov med 20 no 12,42-46 D '66,

POTASSIUM-ARGON DATING see subdivision under Vrangel' Island

POTASSIUM CHLORIDE-ELECTRIC PROPERTIES

Some special features of field dependent shot-through secondary electron emission, N. L. IAsnopol'skii, A. P. Balashova, N. S. Lozhkina. Rediotekh, i elektron, Il no 12:2259-2260 D *66.

POTASSIUM CHLORIDE CRYSTALS

Double electron-nuclear resonance of F-centers in KCl-M. F Deigen and others - Zhur.eksp 1 teor fiz - 51 no 4:1014-1022 O '66

no 4:1014-1022 O '56
Role of anion and cation vacancies in formation of aggregation centers in KCI crystals activated by silver and thallium. N. A TSal'. M. V. Pashkovskii. R. I Didyk Fiz.tvor teta 8 no 7:2015-2021 Jl '66

POTASSIUM CHLORIDE CRYSTALS-GROWTH

Effect of low-frequency escillations of melt on shape and proporties of KCl crystals G. M. Ikonnikova, A. P. Izergin. Rost krist. 6:271-274 '85

POTASSIUM IN THE BODY

Analysis of polassium fon loss by irradiated cells. Z N. Nakhil'nitskaia. Rudiobiologita 6 no 6:796-801 '66.

POTASSIUM IODIDE

Direct voltammetric iteration of selentum (IV) with po-tageium iodide solution. L.B. Agesian, E.R. Nikolaeva, P.K. Agasian. Zhur, anal, khim. 21 no. 12-1470-1474

POTASSIUM ISOTOPES

Potassium role in radiosensitizing action of riboflavin St. Grigorescu, K. Nedelcu, M. Nastace, Radiobiologita 6 no 6:819-821 '66.

POTASSIUM METABOLISM

Changes in the concentration of sodium and potassium in the blood plasma during acute disorders of the cerebral blood circulation. E. M. Butsey. Zhur nevr, i psikh. 67 no 1 17-22 to 1.

POTASSIUM PERMANGANATE

Semanteromethod for determining isotopic composition of cygen of water by H₂O evchange with KMhO₁, I.I. Vol'nov, V N Chamova, K M Salimova. Zhur, anal khim. 21 no.10 1263-1263 '66

POTASSIUM PERMANGANATE, EFFECT OF RADIATION

Change in kinetic characteristics of their mail decomposition of KMnO₄ under the effect of Co⁶⁰ radiation V, A
Protagnolik, B, V Erofees Dokl AN BSSR 10 no 9:658-

POTASSIUM SALTS-MICROBIOLOGY

Survival of micro-organisms in fossil potassium solt S S Abyzov and others Mikrobiologim 35 no 5,885-888 S-O '66

POTASSIUM-SODIUM ALLOYS

Temperature dependence of stationary distribution in the electrodiffusion in K-Na alloys T N Sergeeva, S.1.Di akin Trudy MKHTI no. 41 89-90 '53

POTASSIUM SIILFATE

Top three-phase and two-phase regions in potassium sulfate - water system MI Ravich, I.C Borovata Dokl. AN SSSR 171 no. 2 352-351 N '56

POTATO BEETLE

Radioactive isotopes for marking Colorado beetle. G. Pukluskaia. Zashch, rast. 11 no. 11-52 '66,

POTATO LATE BLIGHT

Short-term forecast of potato late blight. N. I. Belozot,
Short trud asp. I mol much sou VIR no. 2 338-345

POTATO LEAFROLL see subdivision under Poltava Punyince

POTATO MACHINERY

Agricultus at and engineering evaluation of the operation of billers, V.I. Tabachuk, P.I. Domoratskii, P.F. Vysotskaia, Zap. LSKIII 98:261-268 '65,

POTATO WART see subdivision under Latyla

Metereological conditions and potatoes tuber yield in the regions of the U.S.S.R most favorable for pointo growling M.D.Zloinikov, Sbor, trud, asp 1 mol. nauch sott, VIR no 2:349-354 [6]

Effective use of Irradiation of potato tubers before planting L.S Lurie, N.S Prokoftev, V.S. Serebrenikov, Radiobiologija 6 no. 5 141-143 166

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POTATOES-DISEASES AND PESTS

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PO PATOES-FERTILIZERS AND MANURES (see also subdivision under Polesye)

Effect of fertilizers on the yield and quality of early and late potato varieties, N.G. Gorodnii, A.I. Khodzhaev. Agrokhimiia no. 12 33-35 D '66.

POTENTIAL, THEORY OF

Use of summary representation method in solving axi-symmetric potential problems P. A. Rotsenko. Vych mnt [Ktev] no 3:105-114 '66

POTENTIOMETER

Autalysis of the error of a star circuit of a translator potentiometry taking into account internal resistance of the reference voltage source V. M. Mutter, Autometrita no, 5:80-63 '66.

Application of electron potentiometers and thyrations. I. V Chuviarov. Koks t khim, no. 6:52-54 162,

High-precision portable potentiometer. A.S. Krutikov, Izm. tekh. no.8:44-45 Je '82.

POTENTIOMETRIC ANALYSIS

Automatic control of the cyanide content of sewage. D. N. Smirnov, E. S. Monastyrenko. Vod., kon., gidr. soor no, 1:05-108 186.

Chronopotentiometric method of titration of acide in nonaqueous solutions. A, P, Kreshkov, G, P, Svistunova, V. D, Matveev. Zhur, anal, khim. 21 no.12-1481-1486

166. Complexometric ultramicrotitration of nicket using morcury electrods. I. P. Alimarin, M. N. Petrikova. Zhur, anal, khim 21 no. 10:1257-1258 186.

Dependence of the results of potentiometric titration under current on the electrode size O. A. Songina, R. S. Khalitova, Z. B. Rozhdestvenskela Zhur. VKHO II no 6:707-708 166

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Symposium on poultry coccidiosis at the 13th Interna-tional congress of poultry farmers M. A. Artemicher Veterinarila 43 no 11 54-56 N '66,

POLLTRY-PARASITES see Parasites-Poultry

POHLIEV BREEDING

Characteristics of sexual process in domestic hons. I.E. Novik. Trudy Inst. gen. no. 26 168-175, *62.

Effectiveness or crisscrossing and rotational breeding in poultry sarming V.E Gintovt Trudy Inst.gen

Some characteristics of the physiological features of hybrid roosters L. 1. Zubareva, Z. M Spitkovskala Trudy Inst gen no 26 152-160 *62

POULTRY BREEDING-CONGRESSES

Thirteenth World Congress on Poultry Breeding. N.A. Goriumov Princia 55 no 12 101-103 '66

POULTRY HOUSES AND EQUIPMENT (see also subdivision under Georgia)

Plans for large poultry farms. M. Karasik, G. Pasternak, Sell sirol 16 no 11 25-26 N '61

POULTRY HOUSES AND EQUIPMENT—DISINFECTION

Study of means and working out methods for the disinfection of premises in coccidiosis of poultry. A chev Veterinariia 43 no 11 92-94 N +66, 4.1. KIV-

POULTRY INDUSTRY-CONGRESSES

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Methods of producing large-size porous pipe. P. A. Kornlenko, A.G. Kostornov, V. S. Pugin Porosh. met. 5 no. 11:89-92 N '66.

POWDER METALLURGY

Carbothermic method of preparing chromium, molybdenum and zircontum borldes $-A,\,E,\,Gorbunov,-Porlosh,\,met=-\theta$ no $11^{\circ}52^{\circ}56$ N $^{\circ}66,$

Centain regularities of changes in properties of contact materials prepared by methods of powder metallurgy, P.S. Livshits, Porosh, met, 6 no. 11:65-88 N '66.

Latvilskii respublikanskii institut nauchno-tekhnicheskoi informatsii i propagandy. [Powder metallurgy] Poroshkovafa metallurgila. Riga, 1966. 113 p.

Budnikov, N.V.Shishkov Porosh, met. 8 no. 11; 62-65 N '66

Selecting powders for preparation of porous blanks. G. F. Tikhonov, L. A. Pyriniov, V.K. Sarokin. Porosh. met. 6 no. 11:8-13 N 186

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POWER ENGINEERING

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Mechanization of work in the construction of power

systems. F.V. Sapozhnikov. Energ. stroi. no. 8: 3-6 '66.

New publications in the field of industrial power engineering. From energ. 16 no.1;62 Ja '61.

POWER ENGINEERING-MATHEMATICAL MODELS

Use of methods of mathematical modeling in power engineering, out-session in likutak P P Orlov. engineering, out-session in Dikutsk P Vest, AN SSSR 36 no 12:86-87 D '66

POWER ENGINEERING-TECHNOLOGICAL INNOVATIONS

Rewarding of power engineering workers participating at the Exhibition of the Arhicements of the National Fromomy of the U.S.S.R. in 1965 V.N. Berovitskii Elek sta 37 no. 1195-96 N. 166

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Prospects and conditions for the application of control machinery for the automation of unit system installations. V.D. Mironov, N.N. Lenov, N.V. Pautin, Teploener getrka 8 no. 2-3-8 F '61.

POWER PRESSES

Automating the work of friction presses for the manufacture of ceramic products, I,S,Gulak Stek r ker, $23\ no\ 12\ 29\ 30\ D^{-1}66$

Calculating no-load losses in crank presses. I.A.
Remikh [Nauch trudy] ENIKMASha no. 14 3-10 '66 Justification of forms and sizes of the opening of the

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Properties and durability of cast 5khNV steel inserts for universal crant pross blocks, E. I. Bel'skii, V. S. Radshum, Kuz, -shtam, proizv, 8 no, 12·13-14 D '66, Elements of the new in press forging machines, I. M. Podrabinnik, Kuz, -shtam, proizv, 8 no, 12·30-31 D 166

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POWER PRESSES-MAINTENANCE AND REPAIR

Fixing inserts on universal clank press blocks. G.N. Karelin. Kuz.-shtam, proizv. 8 no.12:43 D '66.

POWER RESOURCES

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Now power tools in construction. Energ strol, no. 8-80-87 '60.

POWER TOOLS-CURRENT SUPPLY

Static frequency converter for an electric tool IU. M. Frolov. L. M. Matsney. Mont 1 spots.rab v strot 25 no 8:21-23 Ag '63

POZDNIAKOV, ALEKSEI ANDREEVICH, d. 1943

This was in the environs of Kursk S Maslennikov rod 17 no 9:7 S '66

POZDYSHEV, VALENTIN

Valentin Pozdyshev's first book "A day like any other day." V. Shalimov. V mire knig 6 no. 10129 O '66.

PRAGUE—AIR PORTS—DESIGN AND CONSTRUCTION Design for airport in Prague. Sitol, i arkhit. 14 no. 11: 36 N 166

Pranferol, a new coumarin from Pranges ferulacea roots. G. Λ. Kuznetsova and others. Khim, prirod, seed. no. 5 310-315 '66.

PRASEODYMIUM-SELENIUM ALLOYS

Phase diagram of the prascodyndum-selonium system V. I. Kolitin, E. I. IArembash, N. P. Luzineta, Izv. AN SSSR, Neorg mat 2 no 11:1930-1938 N '66.

PRASOLOV, ALEKSEI

Aleksel Prasolov's first book "Day and night," O. Lasunskii, V mire knig 6 no. 12.27 D '86,

PRECAST CONCRETE

Improvement of a molding machine for preparing con-crete panels and covers with multiple hollow spaces, E.N. Tiurin and others, Prom. energ. 16 no. 1:14 Ja

KASK-2; unit for the manufacture of sanitary-engineering cabins Zh Aller-Zalik, A.V.Kieichman, Stroi, i arkhit, Len 25 no.5:31-32 My 163.

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Study of the joints of precast concrete elements during dynamic loads R.N. Petrashent, A.P. Kirillov Trudy Gidroprockta no 7:199-214 '62

PRECIPITATION (CHEMISTRY)

Mechanism of copi ecipitation of antimony and germ other in toddle process. K. A. Bollshakov and others. [75, AN SSSR, Neorg. mat. 2, no. 11, 1921–1924. N. 166

Mechanism of precipitation sorption on ion exchange; a, A, A, Lurle, Roll, zhur, 28 no. 6 871-875 N-15 (off.

Rate of coprecipitation of cations with sulfides. Report No 2. Formation of solid solutions N.A.Rudhev, G.I Malofeeva. Zhur, anal, khim. 21 no 10 1161-1164 July

PRECIPITATION (METEOROLOGY)

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Studying resources of artificial Increase of preclipitation it on convection clouds in regions of insufficient interfets.

It on convection clouds in regions of insufficient interfets.

It A P Chavaev Trady GGO no 186:19 62 % %

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Time and space variability of showers according to rador observation data -R/A . Anthogoga, T/I Morova, a Trudy GGO no $106.86^{\circ}42^{\circ}$ $^{\circ}66$

Transportation of heat and moisture and formation of temperature fields and precipitation in Parapean persof U.S.S.R. V.O. Semenov. Trudy TSIP no 151 ft 43

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PRECISION CASTING

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Clinical morphological study of homotransplanted Fidnes and lymphoid tissue of the recipient with the use of Soviet azathlop inc and predintations. M. V. Bliento, T. A. Grigor'eva. Trudy 1-go MMI 40-97-110 '86.

PREGNADIENEDIONE-THERAPEUTIC USE

Preditionon as a supplementary method in the treatment of complications in thyrotoxicosis. V. G. Spesiviseva, L. A. Solatseva. Trudy 1-go MMI 43:150-164 405,

Content of calcium and inorganic phosphorus in the bleed serum of some breeds of heifers. A. M. Emelina. Sel'khoz. biol. 1 no. 6:000-003 '66.

Effect of bone may row implentations on the development of radiation stekness in pregnant animals and their progeny. E.IA.Ivanova, E.A. Parshina, E.I. Alek-sandrovich, Med. rad. 7 no. 8:57-58 Ag 102.

Effect of pregnancy on blood indices in sheep, V.I. Shapkarin, Veterina ita 43 no. 12:80-81 D '66

Manganese in the lututar hones of rats at various stages of pregnancy. L. A. Pribluda. Dokl. AN BSSR 6 no 6-387-388 Jo '62.

PREGNANCY-SIGNS AND DIAGNOSIS

Results of the field testing of some methods for the diagnosis of the pregnam y of Lows. A.N. Akhmadeev, G. T Vasil'ev Vatermanna 13 no. 177-70 Ja '67

PREGNANCY, COMPLICATIONS OF

Effect of radiation on the development of the mammary grands in progrant animals G.S. Strolin, 1, V. Shiffer. Vop radiculoi. 4 199-207 to 1.

Management of pregnancy in disturbed integrity of the fetal sac L V Poz Sov med 26 no 3 61-65 Mr '63

PREGNANEDIOL

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PREGNANEDIONE—PHYSIOLOGICAL EFFECT

Effect of viadril on adrenocortical function. I. IA. Usvatova, N.A Osipova, Liudy 1-go MMI 43:189-194 165,

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PRELIMINARY EXAMINATIONS (CRIMINAL PROCEDURE)

The organs of preliminary investigation. P. P. Zavorot'ko, D. S. Suslo. Pravoznavstvo no. 1122-127 '65

PRENATAL CARE

Couses of births of children with cerebral defocts and for the development of rational prenatal prophylaxis B N Klosovskii Vest AMN 858R 17 no 10:32-39 '62

PRENATAL INFLUENCES

Data on the state of the heart in children born of women with heart defects. I S. TSybul'skala and others Sov wed 29 no.12 7-11 D '66

Transplacental transmission of acquired immunity; a review. A. A. Sokhin Zhur mik objot , epid i immun 43 no 11,9-12 N 166

PREOPERATIVE CARE

Clinical replantation of an amputated extremity IU.IA. Griteman, G.S. Lipovetskii, S. A. Mushegian Trudy 1-go MMI 19:240-215 '06

Indispensability of perfusion of the vascular system of an amputated extremity prior to its replantation G.S. Lipovetskii and others. Trudy 1-go MMI 49:220-

Properative preparation of patients with different forms of chronic unimonary suppurations. V I Struchkov, V. A. Sakharov, A V. Grigorian Khirurgiin 39 no 2; 00-95 F 63

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DRESSURE

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PRESTRESSED CONCRETE

Rods for forming channels, F. G. Dudko, Transp. stroi. II no. 12:51 D '61.

PRESTRESSED CONCRETE—ELASTIC PROPERTIES

denoral method of calculating ca act formation in prest; essed reinforced come ste structural elements taking into account inelastic deformation in compression and tension areas of concrete A, P, Zhdanov Bet. i zhel bet. 12 no 12:20-33 D '66

PRESTRESSED CONCRETE CONSTRUCTION

Calculating for power forms for prestressed reinforced concrete structural elements

zhel.-bet 12 no 12;33-34 D '66.

Use of prestressed elements in a bridge support. A. M. Pomerantsev, IU. V. Krostelev, A. E. Lobanov, Transp. stroi. II no. 12:42-44 D '61.

PRICES see subdivision under Europe, Eastern; Germany, East

PRICKLY PEAR

Some processes of metabolism in Opuntia camanchica Engelm. et Big. S N. Prikhod'ko, E. V. Teplitskaia, N. P. Savchenko, Biul. Glav. bot. sada no. 63:92-94 '68.

PRIMARY EDUCATION see Education, Primary

PRIMATES see subdivision under Tanganyika

PRIMORSKO-AKHTARSK REGION (KRASNODAR TERRITORY) -BEACH EROSION

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PRINTED CIRCUITS

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PRINTING INDUSTRY

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Results of a competition, P.P.Okol'nishnikov, Poligr. protzy, no 9 8-9 S 163,

PRINTING INDUSTRY—MANAGEMENT

Nikol'skala, E.V. [Use of mathematical methods in the planning for printing enterprises] Primonenic matema-ticheskikh metodov v plantrovanti poligraficheskikh predpriatti, uchebnog posobic Nauch, red L M. Khei fets. Moskva, Mosk.politekh.in-t, 1965. 121 p

PRINTING MACHINERY AND SUPPLIES

Automatic regulation of the viscosity of inks for deep printing A.L. Batmeliko, V.N. Kosilkin, M.F. Sorkin Poligr, proizv. no. 8:21-22 S '63.

Buffer on the device stopping the fall of the matrix. V.I Shapovalov. Poligi proizv. po 9 30 S '63.

Device for controlling motors of printing presses V. Zinoviev. Poligi proizv. no 9 29 S 163

Improve preventive maintenance and repair of equipment. A.N. Panina, O.I. Shilo-Kumeiko. Poligr. prolgv. no. 0 4-5 S '63

Improved production methods at the "Polespechati" Plant, F. Tarakanova, R. Sianka, Poligr. prol/v no 9 28-29 S 103.

Modernized equipment of the Shadrinsk Plant. K V. Rosstkevich. Poligr proizv. no. 9,24-26 S *63. Wil-1"blocking press. A. Chechin, P. Savelov. Poligr. proizv. no. 9;29 S '63.

PRIPET VALLEY-SALT DEPOSITS

Elements of long-term cycles in sylvinite mineral and petrographic zones of the salt horizons of the Pripet salt basin V.N.Shcherbina Dokl AN HSSR 6 no. 8-510-515 Ag '62.

PRIPET VALLEY—SYLVINITE

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Elements of long-term cycles in sylvinite mineral and potrographic zones of the salt horizons of the Pripet sult basin V. N. Shcherbina, Doki AN BSSR 6 no. 8-610-513 Ag '62,

PRISELKOV, MIKHAIL DMITRIEVICH, 1881-1941 Mikhail Dmittievich Priscikov, scholar of sources, IA.S. Lurie. Trudy ODRL 18,484-475 '62,

PRISELKOY, MIKHAIL DMITRIEVICH, 1881-1941— HIBLICGRAPHY see Bibliography—Priselkov, Mikhail Dmitrievich, 1881-1941

PR ISONS

Gernet, M.N. [listory of the Tsarist prison] Istorlia Isarskol flurmy, Izd. 3. Moskva, Gos.izd-ve lurid.

Nt-ry, 1960-Vol. 1. 1762-1825, Vol. 2. 1825-1870, Vol. 3. 1870-1900,

PRIVATE RESIDENCE ELEVATORS see Elevators, Private residence

I'R OBABILITIES

Saymptotic power of a nonparametric criterion analogous to X statistics. Li Shi-lin' [14 Shih-lin] Dop AN URSU no.7(856-861 '63.

Illustration of using the theory of probability in the theory of numbers A N Danilov Uch rap Ped inst Gerts 260 162-167 '65

Integral form of Einstein equations and covariant formulation of Mach pulneipte B. L. Allteinder Zinnseksp i teor fiz 51 no 4 1113-1150 O '66

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Stability of difference stochastic systems in the case of continuous perturbations T.Akhmetkaliev Diff.urav. 2 no.9;1161-1169 S '66,

PROBATION

Paltser, A. [Dismissal of criminal cases and placement of the accused in the custody of workers] Kriminaalya-statusest vabastamine uhiskondlikule kaendusele andmise Tartu, Tartu Rijklik Ulikool, 1965. 66 p. [In Estonian

PROBLEM OF THREE BODIES

Some problems of rigid dynamics and their application to theory of crushers IU I Severov Zap IXR 39 no 3:67-74 '61

PROCEDURE (LAW)

Procedural forms of court trials shouldn't violate our laws and regulations. G. Voronkov, Sov. lust, 30 no. 23:26 D '68.

PRODUCE TRADE-STATISTICS

Vot opneva, A, V., V.N. Attemoy, and Z.M. Korol', [Statistics of the state purchases of agricultural prod-ucts] Statistika angotovok sel'skokhoziaistvennykh pro-duktov, Minsk, Vysshaia shkola, 1965. 68 p. duktov, Min

PRODUCTION ENGINEERING

Criteria of optimality in the layout of industrial materials for arbitrary shape blanks. IA 1. Zabotin. Floor i mat metod. 2 no 6-863-869 N-D 186.

[Fundamentals of the mechanization and automation of moduction processes] Ravesands process meliculzacijas un automatizacijas pamati. [By] K. Mucenieks un cill. Riga, Liesma, 1906. 167 p. [In Latvian]

PRODUCTION STANDARDS

In norm research organizations. Sots. trud II no. 12: 116-117 D 166,

PRODUCTION STANDARDS-HANDBOOKS, MANUALS, ETC.

[Manual for the worker of a volunteer staffed bureau for establishing technical standards] Sprayochnik Labotnika obshchestvennogo bluro tekhnicheskogo normi ovanila, Moskva, Ekonomika, 1966. 205 p

PROFESSIONAL ETHICS FOR LIBRARIANS see Librarians, Professional cinics for

Economic reform and some problems of determining costs and profit in industry. D. Vainshenker Vest stat. no. 12 19-23 '86. Indices of the economic work of enterprises. V.1 Percealegin. Uch. zap. Kaf sov ekon Vys part shkoly no. 3 19-30 '61.

PROGESTERONE

Diarctic effect of progestorone in cardiac insufficiency, G.N. Karapetian, V.S. Khodzhamirova, V.G. Kukes Trudy 1-go MMI 43:17-23 185.

PROGRAMMED INSTRUCTION

Landa, L.N. [Algorithms and programmed instruction; some problems of theory and methodology in program-ming. Materials to the 4th All-Russian Conference on Programmed Instruction and Use of Technical Teaching erogrammea instruction and Use of Technical Teaching Aids] Algoritmy i programmirovannoe obuchenic; nekotorye voprosy teori i metodiki programmirovanta.
Material k IV-1 Vserossiiskoi konferentsii po programmirovannonu obuchenitu i primenenitu tekkinicheskiki sredstv. Moskva, RSFSR Pedagog, ob-vo, Tsentr.Sovet, 1965. 52 p. [MICROFILM]

PROGRAMMING (ELECTRONIC COMPUTERS)

Mikhel'son, V.S. [Elements of computer mathematics] Elementy vychisittel'noi matematiki. Izd. 2., perer. 1 dop. Moskva, Vysshaia shkola, 1966. 274 p.

Multiplication of diagonal matrices by total matrices. SP-0035, V.V. Martyniuk. Vop. mat, ekspl. vych mash. no. 2:0-7 pt. 3 166.

Multiplication of matrices by diagonal matrices, SP-0031, V.V. Martyniuk. Vop. mat ekspl.vych.mash, no. 2:4-8 pt. 3 '66.

Multiplication of matrices by vectors. SP-0033, M.R. Shura-Bura, Vop. mat. ekspl, vych. mash. no. 243-4 pt. 3 186.

PROGRAMMING (MATHEMATICS)

Mathematical programming in geophysics S.V. Shalaov. Zap LGI 50 no. 2:53-68 | 68

PROGRAMMING (MATHEMATICS) (Continued)

On some structure methods in convey programming. I I fromto: El 11 1 m d motel: 2 no 5 870-886 N.D. tab.

of dynamic programmer in salsing the distribution problem. Vol. Earth new Vol.1 emily, Dokt At. BSSR 10 no 10 721-724 O 266

PROJECTIVE GEOMETRY see Geometry, Projective

PROJECTORS

Karlakin, N.A. [Humbrating apparatus of the projector and searchlight types, theory and calculation] Svetovye pribory prozhektornogo i procktornogo tipov, teorifa i raschet. Moskva, Vysshafa shiola, 1966, 409 p.

PROMEDOL

The course of the placental stage in labor pathology using prefixed pines, isoset in and pronected. If it Kokulenko Sovered. 26 no 3-58-61 Nr. 43

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PROPADIENE

Synthesis and properties of allene hydrocarbon driviatives.
Part 1 Interaction of Infilum illenes and alkyllithium adducts i life rogate decluds and carbonyl compounds.

O V Purepelkin, Illia V Ballam. Zhui org khim. 2 no 11 128-1934. N. 156

Synthesis and proper lifes of allene hydrocarbon derlicatives.
Part 10 Interaction if dimethylmal acceptance ablined with organolithium compounds of aromatic and letter-cycle series. L., N. Chenkersen, Kh. V. Ballan, V. A. Kormer. Khim, org. khim. 2 no 114931-1938. N. 166

Synthesis and a non-cycles of allene bydrocarbon derlicatives.

Kormer Kull, org. Kull 2 no 11/431-1938 N '66

Synthesis and properties of allene hydrocarbon derivatives
Part II Addition or organolithum compounds to inylphenylacetylene and vinylalkylacetylenes
L. N. Cherkason ii hy. Baltan, V V Kormer Zhur org kluin,
2 no 11/1938-1942 N '66

PROPANE

Carbon nutrition of propane - oxidizing bacter in V. M., Bogdanova Mikrobiologina 35 no 5:767-788 S-O 466

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PROPENE

Action of nitrogen orides on bromo olefins. Parl 3 Action of nitrogen tetraoride on isobutylene bronide S. V. Starfley, O. T. Burdeley. Zhur org khim. 2 no 11 1951-1955 N '65

Economic problems involved in the production of ethylene and propylene V. P. Dwydov. Trudy IGI 16:184-191

O'idation of isotactic polypropylene Put I: Kinetics of oxygen absorption V S. Pudov and others Neftekhimita 3 no 5,743-719 S-O 163

forming basic volatile polypropriene Part 2: Ways of forming basic volatile products V, S, Fudov. M, B, Neiman Neftekhimile 3 no 5:750-754 5-O '63.

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Reactivity of hydrogen as chain termination agent in polymer ization of propylent on catalytic system C5H5N TiCl3/Al (C2H5)... O. N. Prrogov. N. 71, Chirkov Vyso-kom. soed 8 no 10,1798-1803 O 66

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Synthesis of vitamin Bjg by propionic acid bacter in and its relation to the conditions of cultivation N. M. Net o-nova, N. D. let uselfmskii. A. I. Anchurova Mikrobiotogila 31 no 2 203-208 Mr-Ap 162

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PROPYLAMINE

Effect of propamine and irradiation on synthesis of purine compounds. S.K Khalli ov. E.F. Romantsev Radio-biologiia 6 no 5 675-677 '66,

PROPYLAMINE-TOXICOLOGY

Dimercaptopropane sodium sulfonate (unithiol) as an antidote in novoembichin polsoning I.N. Bel'gova Trudy LPMI no 32:25-28 '65

PROPYLENE OXIDE

Hydration of propylene oxide in the presence of catton exchanging term as the catalysts. N.G. Poltanskii. N.L. Potudina. Neitokhimita 3 no.5:706-712 S-O 63. Kinetics of migration copolymerization of propylene exide with hishydroxymethylcarborane B. A. Alimov and others Plast, massy no. 12 22-23 168

PROPYNOL-TOXICOLOGY

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PROSPECTING

(see also subdivision under Chechen-Ingush A.S.S.R., Kuzakhstan)

Calculation of the methane losses of coal core and drilling mud in the hole when redrilling coal seams. I. V. Bukin, L. V. Gripp. 1zv. vys. ucheb. zav. geol, i razv. 6 no b. 85-95. Je. 43

Consulations on problems of labor legislation. Razv i okla nedr. 29 no 3:56-58 Mr. '83

okin ned: 29 no 3:50-50 no uv
Diagramm of the correlation of the thicknesses of the layers of elementary sedimentation cycles Cred i geofiz no 9-120-124 '63

Ktylov, G.V., and G.A. Parkadze. [Comparing the accuracy and reliability of assaying stockwork-type deposits racy and reliability of assaying stockwork-type deposite in prospecting by shot, diamond, percussion delilling and mine worklings. Opyt stavnenila technosti i doslovernosti opi obovanila mesto ozhdenila shtokverkovego tipa pri razvedke drobovym, almanim, udvera kovenieni i gornymi vyrabotkami. Moskva, Nedra, 1965.

[MICROFILM]

Methods of sampling and of studying the quality of coal during geological prospecting in Kaznetsk Basin. E.M Pakh Mat. GKZ no. 4 42-64 166

Moscow oilt prospects for oil and gas in central regions, A Perchik, V.Belokopytov. Nettiank II no. il 33, 39 A Perc N 466.

On ganizing voluntees design and technical buseaus. M.V. Rezulclenko Razv. i okhi nedi 29 no 3:55-56 Mi

Plotnikov, N. I. [Prospecting for fresh underground waters for the purposes of large-scale water supply] Potski i razvedka presnykh podzemnykh vod dila iselet krupnogo vodosnalizirajta. [Moskva] Izd-vo Mosk, univ Pt 1. [Hydrogeological principles] Gidrogeologi-cheskie osnovy. 1985, 241 p.

Possibilities of practical utilization of method of spacing of prospecting works VI Raevskii Nauch trudy Perm politekh inst. no 12:137-142 pt 1 '62

Proceedings and elections of trade-union organs is a most important mass political campaign A.V. Buryblin Razv.i okhr.nedr 29 no 3:54 Mr 63.

Second seminar on problem of "Geological features of salt dome regions and methods of oil and gas prospecting of salt dome structures. B Melikhov. V Savchanko Geol neiti i gaza 10 no 11:61-63 N '66

Some characteristics of observed variability of the parameters of mineral bodies as related to their structure and method of study. LI Chetverikov. Trudy VGU 63 24-38 '65,

Studying the core of fractured carbonate rocks using uili asonics and luminescent defectoscopy. K. I. Dogrin-tseva. Rezv.i okh: ned: 29 no 3,23-28 \lambda h 463.

Third plenum of the Trade Union of Geological Prospect-ing Workers. A. I. Smirnov Razy i okhrened: 29 no 3:52-53 Mr. 463-

Towards a broader movement for community labor P.1 Shelakhin Razv i okhr nedi 28 no 3,1-4 Mr '63

PROSPECTING-ECONOMIC ASPECTS

Determination of efficiency of geological prospecting. G D Zubhert Sov. geol. 9 no 12 99-108 D 160.

PROSPECTING-GEOPHYSICAL METHODS

(see also subdivision under Apshoron Peninsula; Argun Valley; Bashkiria, Kara Kum, Krivoy Rog Basin)

Acrial thermal surveying in goological research and pros-pects for interpretation of abysent thermal fields of platform and orogenic regions A E. Svistlovskii Geol i goofiz no 6 126-127 66

Basic problems of prospecting geophysics A. S. Shirokov Razv. i okhr. nedr 29 no 3,5-7 Mr 163

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Geophysical data on boundaries of internal zone of eis-Carpathian Trough. I. Z. Gontovol Nauch zap. L.P. no 80 155-162 '62

Possibility of using electron accelerators inautomobile and helicopter survey. C. M. Filippov. V IA. Zhavoron-kov. Geol (geofiz no. 9:94-102 '66.

Present status of ore geophysics. A.C. Tarkhov. Izv. vys.ucheb. zav. ,geol. i razv. 8 no. 1/89-106 Ja 163.

Using geophysical methods for geologic mapping in Trans-carpathia V. G. Lizanets Nauch zap LPI no. 80:138-147 '62

PROSTATE GLAND-CANCER

Generalized metastases of asymptomatic cancer of the prostate gland; one observation, V.N. Lebedev, E.V. Morenis, R.Kh. IUnicheva, Vop. onk. 12 no. 12, 59-

PROSTIESES

(see also subdivision under Moscow)
Changes in the mechanical properties of synthetic vascular prostleses N. B. Dobrova, A. D. Drogaitsey.
Khirurgita 39 no. 2;337-41 P '63

Dispensary observation of invailed using prostice a in ' orthopodic articles A P kotov Travmatologics no 150-56 165,

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PROTEASES

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Prophylactic effect of the mostable products of figure & tosolation during experimental thrombogenesis B. 4 Kudriashov, I. P. Basko, a. T. B. Kovaleva. Vop m-1 khim. 12 no.6-591-593 N-D 466

PROTEASES-THERAPEUTIC USE

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PROTECTIVE ATMOSPHERES

Automatic control of composition of protective atmosphere A. A. Zhdanov. Gaz prom. 11 no. 11:42-45 466

Effect of small amounts of oxygen in combustion products on the quality of protective gas atmospheres, K. V. Daeprenko, V. IA, Karpenko, Gaz prom. 11 no 11:39-41 166.

Use of welding in carbon dioxide in the U.S.S.R. A.G. Potaplevski, V.I. Troitskii, P. F. Kharchenko A.t-svar. 10 no. 12:67-72 N [i.e. D] '66.

[Welding in carbon dioxide] Svarka v uglekislom gaze. Izd. 2., perer.i dop. [By] I.I. Zaruba i dr. Kiev, [Teklnika] 1966. 290 p.

PROTECTIVE COATINGS

Anticorrosion coatings for the acreens of pneumatic matting systems. N F. Bordun, Spirt, prom. 28 no. 4:39 '62,

Anticomostve coatings in the chemical industry. 1.1 Markov, E A. Protosavitskola. Mont i spets, reb v strol. 25 no. 10:13-16 O '63.

Creating a hydrophobic glass surface unweitable by organic liquids. N. V. Sutkovskala – Stok i ker. 23 ro 11 4-5 D 166

Enamel coatings of steel with high protective property: L.D. Svirskii, A.D. Penomarenko, Uhr khim zhur 32 no. 12.1357-1360 '88,

PROTECTIVE COATINGS-TESTING

Unit for measuring the adhesiveness of polymer contribute the metallic sublayer by the metallic sublayer by the metallic sublayer by A Belyi, L. L. Mit onovich, R. A. Rutto Prom Bel. 9 to 12 fl-42 D [66]

PROTECTIVE CLOTHING see Clothing, Protective

PROTEIN METABOLISM

Changes in the protein electrolyte equilibrium in dogs following replantation of extremity preserved during 24 hours under to +2 -+1 °C L M. Saburova. G L. Lipovetskii Trudy 1-go MMI 49:186-196 66

Diffect of methandrostenologs on protein metabolism in the liver and omblood ser um protein fractions in experi-mental hepatitis N.Kh. Abdullaev Vop mcd. khim 12 no 6:627-632 N.D '66. Vop med khim

Glycine-1-C¹⁴ incorporation into the proteins of silk gland homogenate fractions of the allkworm Bombys mori L. O. P. Samarina, Biokhimila 27 no.5 814-221 S-O '62

Indices of protein metabolism in rate following introduc-tion of buryllium compounds, N. M. Karamzins, Toks nov prom.khim.veshch. no 8:27-33 '66,

Role of lipids in protein synthesis. N. M. Sisakian and others. Biokhimiia 28 no 2;326-333 Mr-Ap 63

Some indices of protein-electrolyte equilibrium in homotransplantation of the kidneys in dogs with the use of immunodepressive chemical preparations L. M. Sabun ova. M. V. Bilenko, A. N. Novikova Trudy 1-go MMI 49;111-118 '66.

Study of ribonucleic acid and protein metabolism in nucleoli of mollusk occytes. L.G. Romanova, K.G. Gazarian. TSitologiia 8 no.5;848-852 S-O '86.

PROTE INASES

Effect of ultraviolet irradiation on catalytic proteinase activity, I.D. Ivanov, E.E. Rakhteeva, Ukr biokhim 7hur 38 no. 6:625-629 '66.

Fission of thyrotropic hormone preparations from the hypophysis of man and bulls by proteolytic enzymes E. E. Limanova, D. E. Grodzenskii Problendok i gorm 9 no 1:23-26 Ja-F '63.

Isolation, purification and some properties of proteinate in Clostridium botulinum B. I.P. Ashmarin, I.V. Vorontsov, V.M. Enichev, E.P. Lukin. Biokhimila 27 no.5;788-793 S-O '62.

PROTE INS

- Amino acid analysis of proteins and peptides by thin-layer electrophoresis method combined with thiome tography G S Katrukha, Zh P, Trifanova, A B Silaev Khim privad saed no 5 348-451 166
- Autoradiographic method for the determination of specific radioactivity of soluble tissue proteins. R.V. Chagovets, A.Dusheiko Lab.delo no 1,46 67
- Changes in the foucocytic reactions in rate during an acute phase of radiation sickness following an injection of protein stimulants, NI Shancleva Vop radiobiol, 4:111-116 161,
- Correlation between the adjacent amino acid residues in protein molecules VIU Urbakh Biofizika 8 no 5,536-42 463
- Fffect of deoxystroptamine-containing antibioties on protein synthesis in accilular systems and on the dissociation of 705 ithosomes in the bacterial cell IU Sarykin, V I Atomin Antibiotis II no II 987-992 N 186
- Effect of feed proteins on the milk yields of goats O N, Solomonova Trudy Inst gen no 26 148-151 (62, Effect of thyroid hormones on the content of individual protein fractions in the structural elements of rad liver
- cells. S IA Kaplanskii, S A. IUsupova Biokhimtia 27 no. 5 1907-011 S-O 162
- Immunological study of the significance of C-reactive protein in the action of ionizing radiation on the organism P.A. Burini, P.N. Kiselev Vop. radiobiol. 4:267-277 '61.
- Isolation and study of iron-containing protein of non-homin nature from Azotobacter vinclandil V A IAkovley, L A Syrtsova, L V, Voroblev Dokl AN SSR 171 no 2,477-480 N 166
- Obtaining by means of notural adaptation various types of micro-organisms capable of assimilating and converting petroleum fraction, used in devexing and protein synthesis K. Catellie. Neftekhimiia 3 no 5-811-812
- Possibilities of nucleic acid and protein synthesis at low temperatures. V G.Grif. TSitologiia 6 no.5-669-662 S O 166.
- Protein phosphorescence spectra at various tempera-tures. S. V. Konev, V. P. Bobrovich Dokl AN BSSR 10 no. 10:786-788 O 166
- Proteins, free amino acids, and peptides of the vegeta-tive organs of some leguminous plants. A K Ripa Bull Glav, bot, sada no, 63:47-53 166,
- Rink, Grav, Bot. Rock in 03:47-55 (0).

 Role of the glycocorticoid activity of the adject cortex in the developmental mechanism of legeocytic reaction to parenter at administration of protein substances. A Chrighmskit, V. R. Grintsina. Probl. gemat i perel krovi B no. 3 14-19 Mr. 463
- Some characteristics of the protein composition of tonic and tetanic skeletal muscles in frogs. V.B Usharov. and tetanic skeletal muscles in frogs. Biokhimita 27 no. 5:828-835 S-O '62.
- Transformation of proteins and compreted nitrogen-con-taining substances in the ripening of broad brans (Vicia faba I.) V. G Klimenko. A D. Berezovikov mita 28 no 2;230-245 Mr-Ap '63 Biokhi -
- Separation of lactic dehydrogenase protein components in normal and pathologic serum by DEAE sephadey O. N. Abbakumoya, Kh. M. Rubina, Vop. med. khim 12 no. 8, 578-581 N-D '66.

PROTEINS --- SPECTRA

- I confirmation of the paramagnetic center of protein irradiated with gamma rays MK Parlatova Biofizika 8 no 5:632-4 '63
- The nature of the electron paramagnetic resonance spectra of amino acids and proteins under the influence of ultra-violet light. O A Azizova Biofizika 6 no 5:556-80 '53

PROTEINS IN THE BODY

- Changes in the protein composition of skeletal, and diac, and smooth musculature following castration V, A, lur'ev, Z, N, Zhakhova, N, L, Lopatina. Biul.eksp biol I med. 55 no 5:54-57 My '63.
- Matochemical demonstration of some protein substances and protectytic enzymes in neurons of different parts of cutameous and motor analyzers in cats. L. M. Gershtein TSitologlia B no. 5 639-642 S-O '66,
- Note of contractile proteins in the determination of the resistance of muscular tissue to change. G. I. Grigor's eva Biul-eksp biol i med 55 no.8:57-60 My '63
- Seasonal changes in proteolytic activity of rat liver (pH 7. 4) and penetrating radiation effect on this index IU. P Druzhinin Radiobiologica 6 no 6:917-920 '66

Reproduction of Morgan's toxinfection in monkeys following acute radiation sickness. L. A lakevieva, B A, Lapin, S. M. Pekerman, Med. rad. 7 no. 8:65-68 Ag 162.

PROTEUS (BACTERIA GENUS)

- Results of phage prophylaxis in gestroenter occitie of Proteus etiology in rhesus monkeys E. S. Voronin, V. I. Gavrilov, IU. L Livshits Trudy Mosk nauch -issl. Inst virus prop no 3:203-298 '65
- Wound infection by Protess in rabbits and its treatment with monomycln in various doses and methods of administration. E. V. Bobkova Antibiotiki 11 no. 11, 1036-1039 N 168.

PROTONS

- Biological action of high-energy protons (500 Mey)

 IU.I Mosk dev. I K Petrovich Bird eksp biol 1 med 35 no 5 73 77 Jy 63
- Neutralization of protons passing through thin mutallic foils. IU N IAvineskii, B. A. Trubulcov, V I Th. In Izv. AN SSSR Sci n. 20 no 12 1917-1920 D 266
- Using method of triple coincidences in studying proton polarication in (d,p)-reactions M.O. Skakun, A.H. Strashynstky: Who for zhier ll no 11 1265-1267 th
- Using the method of free nuclear induction in determining the gyromagnetic ratio of a gamma-ray proton, B MI Janovskii, N V Studentsov 1/m tekh no 6 28-31 Je 162
- Velocities of residual nuclei in Ag and Br fresion by 160 Mey, protons B. P. Afransicv, IV R. Gismatulin, VI. Ostroumov IAd fiz. 1 no 5 1002-1000 N '56

PROTONS-CAPTURE

I ovel characteristics of Ar³⁶ and Ar³⁶ nuclei exetted inproton capture to chlorine isotopes K V Kardzhev, V.I. Man'ko, F. E. Chukreev IAd fiz 4 no 5 009-010 N 166

PROTONS...DECAY

Ob"edinennyl institut ladernykh issledovanii. Laborato-riia ladernykh reaktsii [Identification of Telli by daughler isolopes of proton decay] Identifikatsia Ill Te po dochet nim produktam protomogo raspada [By] D. D. Bogdanov I dr. Dubna, 1987 12 p.

PROTONS-PHYSIOLOGICAL EFFECT

- Biological effect of 240 Mev energy protons | IU.1 | Moskalev, I.K. Petrovich | Radiobiologica | 6 no 5 651-659 666 |
- Materials on blastogeme effect of 120 MeV energy pro-tons V N Streltsova, IU 1 Moskalev Radiobiologica 6 no 5 660-665 '66

PROTOPLASM

Movement of Nitella flexilis protoplasm as affected by local and sprending potentials L N Voroblev, 1 A Vorobleva Biofizika 8 no 5 575-9 '63

PROTOZOA-COLLECTION AND PRESERVATION New preserving liquid for intestinal protozon R. S. Safaratlev Med prizz i paraz bol 32 no 2,221-222 Mr-Ap '63

PROTOZOA, PATHOGENIC

- Effect of nyriatin, trichomycin and levorm on the growth of purasitic intestinal human protozoa in cultures: A I Tumka Antibiotiki II no. IP4043-1017 N 466
- Fibrocyatosis of the nervous system in reindeer. M.I. Klimontov. Veterineriin 13 no 12 12-44 D 166.
- Role of the house fly (Musca domestica L.) in the distribution of the eggs of he Innih and the cysts of intestinal protozoans, V.G. Fedorov. Med paraz paraz, bol 31 no 5-618-1020 S-O 162. Med paraz i

[Id day of work is a happy one; proverbs and sayings of the peoples of the U.S.S.R. about labor | Den'rabotor veset; poslovitsy i pogovorki narodov SSSR o trude. [Izd.2] Moskva, Detskata lit-ra, 1986 39 p (Schol'-nata biblioteka)

PROVERBS, YAKUT

Emellanov, N. V., comp. [Collection of Yakut proverbs and sayings] Shounik inkutskiikh poslovits i pogovorok, Idkutsk, IAkutskoe knizhnae izd-vo, 1965. 245 p. [In Yakut and Russian]

PRUT VALLEY-REEFS

Characteristics of distribution of seef structures in region of middle Dniester -Prot interfluve A A Arapov, B V. Burdenko, IU.K. IAshkin So, geol. 9 no. II:117-120 N 166

PSALTERS-MANUSCRIPTS

An Old Russian miniaturist in the reading of the Psalter, N N Rozov Trudy ODRL, 22:65-82 466

PSEUDARTHROSIS

- Morphological changes in the caput femoria innominton of medial fractures and pseudarthresis of the femoral neck. A M. Berman, V. M. Lirtsman. Trudy inst.im., N. V. Sklif., 7 323-325 163.
- B.I Shaurov, N. F. Savonko Travmatologila no. 1; 246-252 165.
- Surgical treatment of nonunited fractures and pseud-arthroses. R FA. IAkubov. Trudy Inst im N. V. Sklif. 7:372-383 '63.
- Treatment of fractures of the femoral neck and its late results. M.S Novik, Traymatologita no.1:173-183 '65.

PSEUDOMONAS

Study of the carbon metabolism of Pseudomonas fluores -cens and Pseudomonas denitrificans. E. I. Kozlova. G. A. Sapozhnikova. Mikrobiologita 31 no 2;221-226 Mr -

PSEUDOMONAS-CULTURES AND CULTURE MEDIA

Technology of Paeudomonas simuosa mother culture, V. T. Smalit, N. M. Milliseva, T. O. Tykhomuk, Milliobiol zhut 38 no 6,32-27 466

PSE UDOTUBERCULOSIS-MICROBIOLOGY

Immunological kinship of Postemella pestis and Postemella pseudotuberculosis S I Zaplatina, A, M, Khokhlova Trudy Gos nauch -issl protroclam inst 16 97-

PSEUDOUREA

Absorption, distribution and excitation of aminocityliso-thin online in irradiated and nontradiated organisms, 1.5, Belokonski and others. Vop. radiobiol. 4.366-301-161.

PSEUDOURIDINE

Figure 1 and hosynthesis of pseudouridine and thirdine tollowing triadiation. A 5 kosenko N A Fedoro Ra industrigia. 6 no 5 682-686 (66)

PSKEM VALLEY—GLACIERS

PSEEM VALUE I GENERAL TO SHAPE AND A STREET TO SHAPE AND A SHAPE A Trudy Recent glaciation of Pakem basin L. A. Kensev Tru-Smed -Az nauch -isst gidrometeor inst no 27:35-

PSKOV—HISTORY
"Veche" in ancient Pskov. B. B. Kafongauz, lat. SSSR
10 no 6:110-123 N-D 166.

PSKOV-ICONS

Portrait of the Paper Prince Dormont. F. A. Falkin. 11 udy ODRL 48 272-276 '62,

PSKOV-THEATER

Favorite diamatist, Teati 24 no. 7:131 Ji 463.

PSKOV PROVINCE-COOPERATIVE SOCIETIES

Efficient method of delivering goods to remote stores V Annihiev. Sov potreb koop 10 no 12 23-21 D 466

PSKOV PROVINCE-DELIVERY OF GOODS

Officient method of delivering goods to 1 emote stores V. Anutriev Sov. potrch Foop 10 no. 12 23-24 D '66

- Compound treatment of prortasts with pyrotherapy, autohemotherapy and use of laked blood N. N. Tei-Kara-petiants boy med 28 no 12 10-41 D '68
- The pustulous and arthropathic form of georiasis. V.P. Lysov, V.V.Orzheshkovskii, Vest deim.i ven. no 12:60-81 62
- State of the atomach in patients with psociasis IU, I Pishron-Ryss, V K Kalgin Vest derm iven 37 no 3;23-26 Mi 463.

PSYCHIATRIC HOSPITALS

(see also subdivision under Moscow)

Modern psychiatric hospital. B.A. Lebedev. Zhur, nevi i psikh 66 no.12:1870-1876 '66

PSYCHIATRIC HOSPITALS—OUTPATIENT SERVICES

Outpatient psychiatric service in the Soviet Union. G.V. Zonevich. Zhui nev: 1 psikh 67 no.13-6 167.

PSYCHIATRY see subdivision under Azerbaljan

PSYCHIATRY-BIBLIOGRAPHY see Bibliography-Psychlatry

PSYCHIATRY-CONGRESSES

PSYCHATRY—CONGRESSES
L'voyskii gosuda istvennyi meditsinskii institut. [Problems of neuropathology and psychiatry; abstracts of reports presented at a scientific conference, February 1-3, 1967] Voprosy nevropatologii i psikhlatrii, kratkoe boderzhanie dokladov nauchnoi konferentsii, 1-3 fevralia, 1967 g. L'vov, 1986 289 p.
(DNLM)

PSYCHOLOGICAL RESEARCH

- S. Vygotskii and the problem of localization of func-tions. A.R. Lurria. Vop.psikhol. 12 no.6:55-61 '66. Meeting the members of the 18th International Congress of Psychologists Vop. files. 20 no. 12,124-131 '66.
- Modeling and psychology, D. B. Bogoiavlenskaia. Vop. psikhol. 12 no. 6;183-185 N-D '80.
- Paths of the development of Soviet psychology, A. A. Smit nov Sov. pedag, 30 no 12 9-25 D *66
- Some trends in foreign research of thinking, D.N. Zavalishina, Vop. psikhol, 12 no. 6:176-182 N-D 166,

PSYCHOLOGY

The concept of reflection and its role in psychology, A. N. Leont'ev. Vop. filos 20 no. 12 48-56 166. Psychology, the interdependence of sectences, and their system. Jean Plaget Vop. filos 20 no. 12 57-75 166.

PSYCHOLOGY-CONGRESSES

Meeting the members of the 18th International Congress of Psychologists, Vop files, 20 no.12:124-131 '66 Preparing for the 18th Congress of Psychologists. Sov pedag. 30 no. 6 156-157 Je 166.

PSYCHOLOGY-CONGRESSES (Continued)

Psychological science at the 18th International Psycholog-ical Congress A. R. Lurtin, A. A. Smirnov, Vop. psi-had 12 no 6 3-12 N-D 166.

Some results of the 18th international psychological congress. A R Lurina Vest AR SSSR 36 no 12 54-58 D 466

PSYCHOLOGY, APPLIED

Povileiko, R.P. [Psychological requirements of man in modern technology, experimental lecture for students of construction majors in the Machinery and Instrument Manufacture faculties of the Novosibirsk Electrotechni-cal Institute | Opsil hologicheskikh trebovanijakh checai institute] O psir noiogiciesskin trebovaniagic ne-loveža k sovremomoti tekhnife, eksperimental'nala loktsila dila studentov konstruktorskikh spetsial'nostel mashinostroitel'nogo i priborostroitel'nogo fakul'tetov Novosibirsk ogo elektrotekhnichcskogo instituta. Novos birsk, Novosibirskii elektrotekhnin-i, 1965. 69 p. [MICROFILM]

PSYCHOLOGY, FORENSIC

Psychological methods of interlogating defendants, L.B. Filonov, V.I. Davydo. Vop. psikhol 12 no 6; 111-112 N-D '66.

PSYCHOLOGY, PATHOLOGICAL

Characteristics of mental pathology in lesions of the extractantal portion of main vessels L. P. Razumorskaia-Molukalo Zhur nem i psikh 66 no 12 1817-

Psychopathies, V M. Morozov Zhur nevr i psikh 63 no.1,141-114 463.

PSYCHOLOGY, PHYSIOLOGICAL

Dynamics of sensitivity in burn disease, K.D. Shafran-skain, Vop. psikhol 12 no. 6:95-102 N-D 466,

PSYCHOLOGY RELIGIOUS

(see also subdivision under Czechoslovakia, White Russia)

Specificity and structure of religious consciousness D M Ugrinovich Vop nauch atcia, no 1,36-67 '66

PSYCHOLOGY OF DRAWING see Drawing, Psychology

PSYCHOLOGY OF LEARNING see Learning, Psychology of

PSYCHOLOGY OF MOVEMENT see Movement, Psychology of

PSYCHOSES

Experience in using lithurm iedide for the treatment of some psychotic states K.V Mosketi, G.M.Hel'skeia I D Muratova. Zhur nevr i psikh 63 no 1:92-95 63,

Factor of phases and periodicity in the course of paychoses during therapy with neuroloptics S G.Zhislin Zhu. nevr i paikh, 63 no 166-71 63

New data on electroencephalographic study of comatose states in insulin shock therapy of paychoses, A.E. Lichko, V. L. Deglin, Zhur, neur I psikh, 67 no 1 118-123 167.

PUBERTY

Chatys-Skizynska, Halina. [Maturation period of the gul. Translated from Polish] Period sozievanila devusiki. Izd. 3 Moskva, Meditsina, 1988 63 p. (Nauchno-populiarnala literatura)

PUBLIC ADMINISTRATION see subdivision under Tatar A.S.S.R.

PUBLIC BUILDINGS—DESIGN AND CONSTRUCTION (see also subdivision under Leningrad, Volgograd)

New principles governing the design of rural residential and public buildings D Bieslavtsey. Arkhit SSSR no 6:19-24 '63

PUBLIC HEALTH

(see also subdivision under Nakhichevan A.S.S.R., Novosibirsk Province)

Marzeev, A.N. [Notes of a public health physician] Zapiski sanitarnogo vracha, Kiev, Zdorov'in, 1965.

PUBLIC HEALTH-CONGRESSES

Gribanov, Z.D. [All-Russian congresses of departments of public health and their significance for the practice of Soviet public health! Vesrossilskie s'ezdy zdravot-delov i ikh znachenie dila praktikl sovetskogo zdravo-ok

PUBLIC PROSECUTORS

(see also subdivision under Donetsk Province, Latvia, Poland; Ukraine)

How public prosecutors supervise the observance of laws. Sets, zavon. no. 11:87-91 N 68.

How public prosecutors supervise the observance of laws. Sots.zalon 43 no 12:80-82 D '66

More attention to the correspondence and records of the offices of public prosecution V. Mironova, Sots. zakon, no 11:55-56 N *66.

Problem of improving the democratic foundation of Soviet justice andthe direction of public prosecution, D.S. Suslo. Piavoznavstvo no.1 109-115 165.

Procedural position of public prosecutors in couris of second instance, M Skoryk Rad, pravo 29 no. 12.48-51 D '66.

Some examples of the court trial of civil cases instigated by public prosecutors. B. Kravtsov. Sov. just. 30 no. 23:6 -8 D 466.

PUBLIC PROSECUTORS—EDUCATION AND TRAINING It isn't enough to have a diploma, you should know the laws too V. Baskov Sots zakon. 43 no 12-22-26 D '66.

PUBLISHERS AND PUBLISHING see subdivision under

PUKHOVICHSKIY DISTRICT-COCCIDIOSIS

Chemical prophylaxis of coccidents in caives by the use of biomycin preparations, V. R. Gobzem Veterinarite 13 no 1152-54 N '66

Study of some 1 cpresentatives of the genus Pulmonaria for their content of trace elements N I G inferich Apt delo 12 no 1 27-30 Ja-F 163

PHILMONARY ARTERY

Mcthol for cannulation of the pulmonary artery in a tiff-cial blood circulation without the ovygenator V. F. Portnoi Freder khir ranest 8 no 6.76 N-D 63

PULMONARY ARTERY—SURGERY

Treatment of embolisms and thromboses of the pulmon-ary artery N. M. Rzaev. Khilurgita 42 no 11 108-

PHI MONARY CIRCULATION-DISEASES

Clinicor centgenological changes in defects of the intervents icular septum A. A. Namazova, I. Kh Rabkin Azerb med 7hur. 40 no 9 27-31 S '63

PULMONARY EDEMA

Preventive action of cystamine and some of its derivatives in experimental toxic pulmonary edema in laboratory animals. IU.E.Strellnikov. Pat.fiziol i cksp.tcrap. no 3 64-66 '64.

PULMONARY EMBOLISM

Fat embolism of pulmonary vessels in fractures, pre-dominantly of the femoral neck, it cated with various methods 7. & Vichtomova Trudy Inst im N. V. Sklif. 7:396-402 '63.

PULSE

Rate of the expansion of the pulse wave as a method for the evaluation of the degree of atherosclerosis in conconary insufficiency G.A. Pafomov Trudy Inst. im. N. V. Skiif. 7 180-183 363

PULSE CIRCUITS
Dynamic errors of analog-to-digital converters with circuits clamping the level of the measured voltage, V, A. Alekseev, A. N. Kasper ovich, N. V. Litvinov, Avtometrifia no. 5 107-111 '66,

Ring farrite core as a circuit element of a pulse trans-former, 1, P. Ionov, A. I. Pirogov, 1U. M. Shamaev, Teot. electrolesh. no. 1,148-153 '66

Shaping of square voltage pulses in an active load using an artificial line V M Nashatyi', V A Popova Izv vys ucheb zav., radiotekh 8 no 5 389-609 S-D 186

PULSE TECHNIQUES (ELECTRONICS)

Applying method of point transformations in studying nonlinear pulse system dynamics A.S. Alekseev Izv vys ucheb zav , radiofiz 9 no 6;1217-1221 1/16

Echo pulses in iron yttrium garnet. F.V. Lisovskii, IA. A. Monosov. Phs., y red Zhan eksper, i teoret fiz 5 no 1.3-6 Ja .67.

Penetration of single radiation pulses through intensity-ing and absorbing media. A.M.Samson, Dokl. AN BSSR 10 no. 10-739-713 O 166.

Steady mode of oscillations in pulse systems with delayed negative feedback, A.D.Grigoriev, Radiotekh,i elektron, 11 no.12 2230-2232 D '66

(see also subdivision under Kurile Lake region) Bulging of litholdal numice stones, G. Akopian, Prom. Arm. 9 no. 10 21-22 466

PUMPING MACHINERY

Pumping machinery and compressor equipment, Inform. biul, VIDNKH no. 8.4-5 Ag 162,

bidl. VDNKH no. 8.4-5 Ag 182.

Some problems in calculating air caps in controlled plunger pumps 1U. N. Liapin. Za tekh. prog. 6 no. 12:7-10 D 468

Vedernikov, M. I., and I. V. Rudoi. [Handbook for the operators of compressors and pumping machinery in the chemical industry] Mashinist kompressornykh i nasosnykh ustanovok khimleheskoi promyshlemosti. 1rd. 2., ispr. Moskva, Vysshala shkola, 1965. 380 p.

PUMPING MACHINERY—MAINTENANCE AND REPAIR see subdivision under Riga

PUMPING MACHINERY-TECHNOLOGICAL INNOVA-TIONS see subdivision under Bobruysk (White Russ la)

PUMPING MACHINERY, ELECTRIC (see also subdivision under Ukraine)

Study of mechanical transient processes of pump unit with a capacity of 2200 m³ per hour. A. L. Kaplan, M.G. Kopeikis. Transp i khran nefti, i nefteprod, no. 1015-7 168

PUMPING STATIONS

Automation of the pumping of water for cotton transmitten.

V. Mazaev Nauch, trudy UzNHMP no 5:43-47 159

Problems concerning the electronic control of water pumping operation; L.V. Trubetskov, Prom, energ, 16 no. 1:58-59 Ja '01,

Ecology and classification of pumpkin, A. I. Filov. Birdl. Glav. bot. sada no 63 33-41 166.

PUNCHED CARD SYSTEMS

Using reading devices from punched cards in combination with "Utal-2" electronic digital computer. N 1 Trych-lov, V D Ivanov Trudy AANH 277:162-164 (66)

PUNCHED CARD SYSTEMS-HYDROMETEOROLOGY

Principles of processing information available on punched cards of analytic computers using "Ural-2" classifications digital computer 1 P. Smirnova 1 rudy VANII 277 58-63 106

PUNCHED CARD SYSTEMS-MATERIALS

Use of dual cards in the accounting for materials. G. Fedorova. Bubbg. uchet no. 11,22-27 N '66.

PUNCHED CARD SYSTEMS-PATENTS

Using punched cards with bolder perforation in organdring a card catalog of firms. G.P. Prokopleva. Vop trahr. no. 8:30 Ag '66

PUNCHED CARD SYSTEMS-RAILROADS-CARS Improve machine accounting in rathroad on rop-dr plants R N Nikitino. Trudy MHT no 248:20-34 '66

PUNCHED CARD SYSTEMS-VETERINARY MUDICINI.

Analytical punched-card computers in vetor limity statinties, B.Rohesh, V. Polak. Veterinarita 43 no. 1:10d-111 Ja 267

PUNCHING MACHINERY

Department for breaking-off gating system from turbo-drill rotor and stator eastings. D.S Vainbitch, V I Birlukov, P. M. Linshenko [Nauch, trudy] PNIb MASma Biriukov, P. M. Line no 14 130-142 '66.

Punching aluminum foil, B.K. Kochetygov Poligi, protry no, 9 30 S 163

PURINES

Diffect of propamine and irradiation on synthesis of purine compounds—S.K Kholikov, P.F.Romantsev—Radio-biologiia 6 no 5 674-677 66

Synthesis and properties of mercaptopurine-globultum E.D Kayerzaeva, V.V. Kiseleva Hickhimita 31 no 6-1204-1208 N-D '66

PURINES—PHYSIOLOGICAL REFECT

Clinical morphological study of homotransplanted kidney and lymphoid tissue of the recipient with the use of Soviet arathlopsino and predateotone M V Bilenko-T A Grigor'eva Trudy 1-go MMI 40-97-110 '66

PUSIKIN, ALEKSANDR SERGEEVIIC, 1799-1973—BIODIBLIOGRAPHY

Biobibliographics compiled by the Library of the A.S. Pushkin House, M.IA. Mel'ts Sov.bibl. no.5:76-41

PUTILOV, KONSTANTIN ANATOL'EVICH, 1900-1969 Konstantin Anatol'evich Putllov, Zhui, fiz. khim. 10 no. 11:2931-2932 N *66.

PUTORANA MOUNTAINS-SHEEP

Ovis nivicola berealis Severtzev, 1873, in Puterana Mountains. 1, N. Micharin. O. N. Mitomenko Zaol zhur. 45 no 11:1736-1738 166

Somov, A. [Crosswords, puzzles, cryptograms] Krosswordy, golovolomki, kriptogrammy. IA1051val', Verkine-Volzhskoe kulzhnoe izd-vo, 1565. 86 p.

PYLGIN MOUNTAINS-MORAINES

End moraines of the Pylgin intermentanc depression of the Koryak Upland I F Moroz Vop. goog Kan ch no 3;108-109 165.

Decomposition of syminidyl-4-malonic caters, AJ. P. Shvachkin and others. Vost. Mosk. un, Ser. 2- Khim. 17 no. 5:75-76 S-O 162.

PYRAZOLIDINE

Study on the effect of pyrazolidine on Rickettsia pro-wazekii in vitro and in the carrier's body. G. M. Dutova. Zhur-mikeobiol., epid. 1 immun. 33 no 6:117-119 Je '62

PYRAZOLIDINEDIONE

Reactions of identification and the colorimetric determination of butadione in combined plan maceutical prepara-tions. Viktoriia Koon Apt dele 12 no.1:82-86 Jar '63.

PYRAZOLINONE

Extraction of chelate compound of plutonium (IV) with 1-phonyl-3-methyl-4-henzoyl-5-pyrazolinone IU. A Zolotov, M. K. Chmutova, P. N. Palei. Zhur, 11101. khim 21 no. 101217-1222 160.

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Copolymer mation of complexes of pyridine and quinoline with zinc chloride. D. A. Top, hiev and others. Vysolve seed. 8 no 10:1767-1772. O. 766

Synthesis of some mercapto derivatives of pyridine and pyrimidine, V A Porthrigina, V, K Karp Ukr khim zhar 32 no 12 1306-1310 466

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Synthesis of some mercapto derivatives of pyridine and pyrimidine V. A. Portniagini, V. K. Karp, Ukr. khim zhur. 32 no 12 1306-1310 166.

PYRIMIDINES-THERAPEUTIC USE

Fifect of pyrimidine derivatives on the genesis of "unc-thane" additional of the lungs. D. A. Asadov. Vop. onk. 12 no. 12 69 160.

(see also subdivision under Alayerdi region, Armenia)

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PYROCATECHOL

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PYROCERAMICS

Electric insulating pyroceranics on basis of rock minerals. K.S. Kutateladze, R.D. Verulashvill. Stel-4 ker. 23 no 11 21-27 N 466

Studying sintering processes of glass-metal materials. Report No. 1. I D. Radomyselfskil, N. I. Shehetban¹ Poroth met. 6 no. 11:11-22 N 166

PYROCERAMICS-SPECTRA

Study of pyrocerams of the system Li₂O - Al₂O₃ - SiO₂ by means of electron paramagnetic resonance T A Sidor ov. V. A. Tiullion Liv AN SSSR, Neorg mat 2 no H-2039-2011 N '66

Some azoles, inhibitors of castair on and steel corresion in water T H Neznanova, V P Barannyk Dop AN URSR no 11 1451-1454 '66

PYROLYSIS

Priculants
Characteristics of the pyrolysis of light hydrocarbons
in industrial furnaces. E. B. Frid, M. N. Frid. Khim,
I takh, topl., i masel. II. no. 175-9 D. 66
Composition of gases obtained in the high-speed pyrolysis
of some high molecular weight substances. I. F.
Bogdanov, M. I. Mish henko, I. I. Farberov, Trudy [G1 18:29-33 102,

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Strenthening of the coled granules of brown coal by secondary carbon V. 14, TSarev, K. I. Syskov, IU. G Korolov, Trudy MKHTI no 42:12-15 163

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Polarographic determination of α-tetralone exime in V-(e-aminophenyl) butyrolactam, N. A. Lezhneva, E. A. Kruglov Zhur, anal. khim. 21 no. H.1358-1362 '66.

Use of low-molecular polyvinylpyrrolldone in a compound treatment of crythroblastosis fetalis. L. G. Donisova, V. A. Tabolin, A. A. From Probl. gemat, I perel, krovi 8 no 3:48-52 Mr '63.

PYRUVIC ACID

Content of glycogen, lactic and pyruvic acid in the myo-cardium in compensatory hyperfunction A, P Bozhko Biul ekap biol i med 55 no 6:69-71 Jc ¹63.

Interrelations between the enzyme catalyzing direct aminution of pyravic acid and the transaminases in the atructural elements of cells of the ray myocardium, M. A. Davitan. Biokhimtia 27 no.5:899-903 S-O '62.

Specificity of the enzyme system catalyzing the amination of pyruvic acid and its coenzymes. N.N. Berezovskaia. Biokhimilia 27 no. 5:689-893 S-O ¹⁶².

PYZHA VALLEY—SLOPES (PHYSICAL GEOGRAPHY)
Asymmetric development of the eastern and western
slopes of mountains in the basins of the Uyment and Pyzha Rivers IU, N, Kuruz bekovskii Izv-Alt, otd Geog ob-va SSSR no 3 51-52 '63

QUACKS AND QUACKERY

Arons, Karlis. ["Thaumaturgists"] "Bi inumdari." Riga, Liesma, 1966. 69 p. [In Latvian]

QUAILS see subdivision under Ob' Valley

QUALITY CONTROL

(see also subdivision under Germany, East)

Agitator as fighter for high-quality production Agitator no. 18:7-9 S 162,

Technological progress and the problem of durability. IA. Sorin Mot komm, no. 3 53-57 Mr 161.

QUANTUM ELECTRODYNAMICS

Electromagnetic oscillations in resonance medium. V. M. Arutiunian. Izv. AN Arm. SSR. Tiz. 1 no. 2411-

I lectromagnetic radiation in absorbing medium. Alekseev, V. V. I Akimets Zhur ekspriteor fiz no 54569-1574 N *66

Moskovskii inzhener no-fizicheskii institut. [Interaction between radiation and matter.] Vza imodelstvie izluchenia s veshchestvom, sbornuk statel Pod red. A I. Alekseeva Moskva, Atomizdat, 1966–175 p.
Thony of dynamic characteristics of long diodes. G. M. Avab'lants, Sh. Kanliazov. 12v. AN Arm. SSR. Fiz. 1 no. 2-95-104–166.

Unusual electrodynamics of particle with spin 1/2 1, 1, Goldman Izv AN Arro SSR Fiz 1 no 1207-216 '66

Velocity of electromagnetic radiation in quantum electrodynamics M. I. Shirokov. IAd. fiz. 4 no 5-1077-

QUANTUM ELECTRONICS

Combination processes in distributed traveling wave systems G. L. Gurevich, IU. A. Otmakhov lzv vys ucheb zav , radiofiz 9 no 6:1164-1174 '66

Paramagnetic resonance and spin-lattice relevation of In 3t in CaF₂ and their relation to optical spectrum IU, A. Bebrovnikov, G. M. Zverev, A. I. Smirnov Fiziver tels 8 no 7 2205-2212 dl '66.

Some applications of generalized Kallen-Welton theorem in calculating flurtuation character istics of quantum systems V. B. TSneguadskii Izv vys. ucheb.zav., radiofi. 9 no 6:1134-1141 '66

QUANTUM FIELD THEORY

Characteristics of collective states of deformed nuclei in 176 & A \$190 region. M. K Kalpszhiu, P. Fogell, Izv. AN SSSR, Set. flz. 36 no. 12 2025-2030 D *66.

To in factors and multipoles in electromagnetic inter-actions V M Dubovik. A A Cheshkov Zhui eksp i teor fiz 5i no 5 1369-1373 N '66.

"Quasi-localizable" Helsenber g operators and renormali-rability problem in quantum field theory V D, Sukhanov Zhui eksp i teor fiz 51 no 4:1195-1206 O '66

Some problems of axiomatics in Zachariasen's model A. V. Astakhov, A. D. Sulhanov, IAd fiz

Spin-lattice relaxation in weakly nonhomogeneous distributions of conduction electrons in strong magnetic fields V.P. Kalashnikov Zhur ekspiteon fiz 51 na 5:1417-1422 N '66

Theory of self-consistent field in multiconfigurational approximation 14. H. Diadiusha Dop. AN URSE no 14: 1426-1428 '66.

QUANTUM THEORY

Coherent pairing fluctuations and collective 0*-excitation of nuclei S.T. Bellaev, IAd, ftz. 4 no. 5:936-952 N

Collective excitations near points of second-kind phase transitions V.C. Voke, V.M. Galitekti. A. I. Larkin Zhu eksp i teor fiz. 51 no.5;1592-1698 N '66. Dependence of probability of many-photon ionization of atoms on photon stream intensity G.S. Voronov. Zhureksp i teor fiz. 51 no.5;1496-1498 N '66.

Electric transitions of spherical nuclei, G.G. Bunatian, IAd, fiz. 4 no. 5.920-927 N '66

Local states in semiconductors with narrow forbidden band V.I Sheka, D.I Sheka Zhur eksp i teor. fiz 51 no 5-1445-1456 N '66.

Mācroscopic quantum phenomena, L. P. Pitaevskii, Usp fiz.nauk 90 no. 4.523-529 D 166.

Molecular radiation in resonance medium of high density V. M. Genkin, V. N. Genkin, Izv vys. ucheb zav ; radio-fir. 9 no 6:142-145 '66

Nature of central body in Schwarzschild solution M. E. Gertsenshiein Zhur eksp i teor fiz 51 no 4:1127-1134 O 166

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One mechanism of absorption of low-frequency electromagnetic oscillations by localized states in crystals M. A. Krivoglaz. I P. Pinkevich Zhur-ekspiteon fiz 51 no 4:1151-1162 O '66. Phenomenon of secondary tunneling in GaSb M. F Badatov. M A Resev Fiz twee tels 8 no 7 2218-2221 31 '66

Photosensitivity spectra of InAs p - n - junction in 0 9 - 5 ev photon energy region A A Gutkin a tver tela 8 no 7:2014-2047 Ji 66 A A Gutkin and others Fiz

Quantum absorption in degenerated semiconductors and metals at direct transitions V K Miloslavskil Fig.

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Theory of spectral line videning V.V.IAkimets Zhui eksp.i teor fiz 51 no 5-1469-1475 N '66

Thermore, m. f. in semiconductors in strong magnetic fields. R. G. Tarkhantan. Izv. AN Arm. SSR, Fiz. 1 no.2:66-74 86

Tunnel effect between superconductors in alternating field.
A E. Larkin, IU, N. Oveldanikov Zhun eksp i teor fiz.
51 no.5;1935-1943 N '66.

Using method of irreducible tensor operators in calculat-

ing spin-Hamiltonian constants V.V. Druzhinin. A A Kazakov Fiz tver tela 8 no 7;2228-2230 Ji '86 Width and density of highly excited atomic levels in gases M. A. Kozhushner Zhui eksp i too fiz 5i no 5;1457-1468 N '66

QUARRIES AND QUARRYING

Optimal configuration of quarry for working flooded strata of rock building materials V G Kulagin Strot i arkhit Uzb 7 no 11:9-12 N *66

QUARTZ

(see also subdivision under Ob' Valley, Transbakalia) Bakumenko, I.T. [Regular qualtz-feldspar intergrowths in pegmatites and their genesis] Zakononiernyo kwalts-polevoshpatovye trastanila v pegmatitakh i ikh genezis Moskva, Nauka, 1966. 171 p

Source of quartz in vein deposits, S.D. Sher, Izv. vys. ucheb. zav ;geol, i 1azv 6 no 1130-131 Ja 163.

QUARTZ—ANALYSIS

Paleogeographic significance of the shape analysis of sandy quartz particles, V. N. Shumov, A. B. Markov, Lv. vys. ucheb. zav., gool 1 razv. 6, no. 8:27-31 Jc.

QUARTZ-PEZOLECTRIC PROPERTIES

Measuring longitudinal and transverse piercelectric effect of quartz and quartzite voins by the dynamic method, E. I. Packhomenko, A. B. Uspenskala. Trudy Inst fiz. Zom. no 37 232-212 66.

Studying the piercelectric field of quartz bodies by models as applicable to piezcelectric methods of prospecting G A Soboley, A B. Uspenskaia, E. I. Parkhomenko, Trudy Inst. fiz. Zem. no. 37 213-252 166

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Dispersion characteristics of linear electro-optical effect in quartz crystals O.H. Vlokh, Ukr. fiz zhur. Il no. Il 1184-1190 N '66

Experimental determination of tensors of Raman scattering in a -quartz, D F, Kiselev Knistallografia il no, 6-886-891 N-D '66

Law of belts and its antithesis in twisted quartzes G.P. Litvinskaia, N.V. Belov. Kristallografija 11 no.6 851-854 N-D 166.

QUARTZ CRYSTALS—DEFECTS

Nature of defects in synthetic a quantz L. I. TSinober and others Rost krist 6-22-36 '65

Selective interaction of hydrother mal solution with various defects in quartz crystals I Shmid Rost krist 6:58-

QUARTZ CRYSTALS-GROWTH

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QUASARS-SPECTRA

Variability of optical spectrum of 3C 345. I.S.Shklovskii. Astron. zhur 43 no. 6 1211-1214 N-D 166.

QUEUEING THEORY

Unillinear system with \(\tau\) -expectation in the case of an Erlang incoming flux, S. M. Brodi, Dop. AN URSR no. II:1425-1428 '62.
What is the queuing theory, S. M. Movehovich, Ekon, i mat, metcd. 2 no. 6:887-869 N-D '66

QUINOLINE

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- Obtaining 1-acetyl-1, 2, 3, 4-tetrahydroquinoline from technical ras material D.F. Kasathin and others. Vest Mosk un Ser 2 Khim. 17, no 5:71-74, S-O. 162
- Some tectures of autocatalysis in polynerization or complex of quinoline with line chloride. 1 A Kabanov others Vrsolom food 8 no 10 1760-1766 O '66

QUINOLINE-THERAPEUTIC USE

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Quinone for mation in plants with different radiosensity - it, h. M. Kuzin, N. Norbaer, G. Parpicea - Radiobiologila 6 no 6,902-903 '66

Role of quinones in appearance of late after effects of tomoting radiation. A M Fuzin of Not base G Parpie a Radiobiologia 6 no 5 728-730 (6).

Study of quinones adsorted on aluminum oxide and aluminosilicate catalysts, V B Goinbey, V,I Citalnov, Zhur,fiz khim 40 no 11;2841-2848 N 166

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So nice to: increasing the procurement of fin skins S, Potanov Sov potreb koop 10 no 12 Ja-41 D 466

RABIES

(see also subdivision under Russia, Northern) Cherkasskii, B.L. Rables Beshenstvo Moskya, Meditsina, 1966 19 p. (Nauchno-populiar nafa meditinskafa literatura)

(DNLM)

RABIES-MICROBIOLOGY

Cytopathogenic rifect of street virus of rables M.A., Seluno , R Sh Il'iaso a Vop virus Il no 5 602-603

Study of stabilizing effect of vinyl alcohol and vinylarrine copolymer on fixed rables virus in our from it by freen B S Diskins and others Vop virus. Il no 6:729-734 N-D '66

RACE DISCRIMINATION

in international conference on the complete elimination of race discrimination IU, Kachurenko Rad pravo 29 no 12 88-91 D '66.

RACHMANINOFF, SERGEI, 1873-1943

Bazhanov, N.D. [Rachmaninoff] Rakhmaninov. Mo-skva, Molodala gvardila, 1966. 349 p. (Zhizn' zame-chatel'nykh lludci seriia biograffi, no.19(356))

Fluctuation of the polarization of a field scattered by a complex target N S.Gubonin Haddotekh i elektron. It no 12 2142-2146 D '68

anareikin, D.B., N. F. Pavlov, and V. A. Potekhin.

[Folarization of radar signals] Foliarizatsila radiolokatsionnykh signalov. Pod red. V. E. Dulevicha. Moskva, Sov. radio, 1968. 440 p.

Probability of target locking in a tracking system of an automatic range meter during automatic target search IU P Grishin, V I Shlomin Izv vys ucheb zav , radiotekh 0 no 5,630-637 S-O 166.

RADAR IN NAVIGATION

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RADAR METEOROLOGY

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Possibility of measuring water content of clouds and intensity of precipitation using two-wavelength radar G.K.Sulakvelidze, N.Sh. Bibliashvili Trudy VGI no. 3:

Radar method for determination of spectrum and concentration of halistones in convective clouds, M. T. Abshaev, N. Sh. Bibliashvill. Trudy VGI no. 3:154-163 | 166

Radai method of determining seats of hall origins, size of hall in cloud, and size of hall reaching earth's surface. V. F. Lapcheva. Trudy VGI no. 3;164-190 '66,

Radar observations of effect of extensive convective cloud modification. N. A. Zykov and others. Trudy GGO no 186.74-79 '66.

Results of comparison of radar methods for indication of sizes of hallstones develoyed by High Mountain Geophysical Institute | G. K. Sulakvelidze | Trudy VG1 no 3:207-213 '66

Simple device for statistical analysis of quasi-stationary echo signals | K S Zhupakhin V S Zhupakhin | Frud, GGO no 186 80-85 166

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Radiation induced polymerization of unsaturated poly ester resins without monomers, \$ 1 Omel-chenko and others. Khim prom Ukr. no 1-3 M-D 466

Some methodological characteristics of microelectrophysiological studies under "radiation exposure". I Nadareishvili Radiobiologita 6 no 5 693-696. 266

Spectrum and intensity of radiation from series of cylindical bunches in optically active medium. F. D. F D Gaz is no 3 200-202 '66

RADIATION-DOSAGE

Photographic method of isodose calculation in telegamma therapy. A.A. Stankevich, L.E. Pakulina. Vop. onk 12 no 11-93-97 166

Quasi-stationary calorimetric method of dosimetry of powerful flows of ionizing radiation. V. M. Koliada, V.S. Karasev, K. S. Peddhenko. Atom energ. 21 no 6 520-522. D. 166

Use of addium nitrophenylate solutions for chemical dostmeters in radiobiology. O.G Matveev. Vop radiobiol 4 421-438 (61,

RADIATION-EFFECT ON CRYSTALS see Crystals, Effect of radiation on

RADIATION-EFFECT ON FETUS 600 Fetus, Effect of radiation on

RADIATION-EFFECT ON GLASS sec Glass, Effect of radiation on

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RADIATION-EFFECT ON SEEDS see Seeds, Effect

RADIATION—PHYSIOLOGICAL EFFECT

Biological action of high-energy protons (500 Mev). IU. I. Moskalev, I. K. Petrovich Blul eksp biol. i med. 55 no 5 73-77 My '63.

Changes in cellular immunity during chronic continuous action of ionizing radiation P. N. Kiselev, P. A. Buzini Med. rad. 7 no. 6.59-65 Ag '62,

Changes in the peripheral blood and bone marrow in animals irradiated in a state of nervous depression or stimulation 7. M. Kondiatieva, Vop. radiobiol. 4; 154-164 '81.

Characteristics of blastomogenic activity of ortholidina in irradiation. A V.Gubareva, G. B. Piles. Vop. onk. 12 no.11:51-58 '60'

Comparative study of the biological characteristics of some radioresistant variants of micro-organisms. K, P, Kashkin, Vop. 1 adiobiol 4:313-321 *61.

(black) lines in various age periods S, N. Aleksandrov, N. A. Pronina. Vop. radiobiol. 4,5-11 %1.

Effect of an algesics on the pain sensitivity of irradiated onliness. G. A. Bol'shgkova, Vap. radiobiol 4:317-351 181.

Effect of experimental hypothyleosis on hemopolesis lestotation in irradiated lata N. N. Poirishchev Radiobiologita 6 no 6:844-847 '66.

Effect of ionizing radiation of different intensities on phenol (C_6H_5OH) formation in organism of laboratory animals [I, B, Fridliand Radiobiologita 6 no 5 781-

Effect of the intensity of the radiation dose on the frequency of tumor development in the hematopoletic system of mice S.N. Aleksandrov, K.F. Galkovskaja. Vop onk. 9 no. 3.40-44 163.

Evaluation of indiosensitivity of white rats. G. A. Vact. Pev, V A Billatv, I A Lunov Radiobiologic 6 no 5 687-669 166

Gus'kova, A.K. [Radiation and health] Radiatsiia 1 zdo-10v'e. Maskva, Meditsim, 1966, 46 p. (Nauchun-popullarnata meditsinskata literatura) (DNLM)

Homatological changes in compression phase of compress sion symbome in nadiated and noniversity attack of compact M I Ul'manov - Radiobiologia 5, no 6,842-844 (bb)

Mechanism of the leukemogenic effect of radiation, 2 cm - cy of the literature T > 18 cm - spain Profit genat, report Front 8 no 3 %-32 Mr (63

Morphological characteristics and evaluation of the cornpens tion-restoration changes in the tissues of an irradiated body. I V Lunshtein, Vop. radiobid . 39-48 *61

RADIATION-SAFETY MUASURES

Calculation of the stallourry protection in premises with sources of altrahard radiation V A Petrov, radiobtol, 1144-410 %1,

Studies on protective strutified rubber for N-ray protection devices. A. N. Kronganz, S. L. Vormat, L. I. Unsupp. Vest renter and 37 no 3:60-62 My-Je '62.

Ways to improve radiation protection in dental radiogram-phy P.A Kantsh hev A S Rightsev Sov no. 1 29 no. 12 80-84 D 166

RADIATION IMMUNOLOGY

Dynamics of changes in immunological reactivity of de, a injured by tritium ovide to A Shallmova, V I Zimiran lev Radiohiologija 6 no 6 863-868 466

Increase of radio esistance in rabbits by vaccine views immunization. L. A. Lamalian. Radiobiological is immunization 1, no 6,860-262 466

Liver inclusion into immunogenesis following acute radiation sickness - M. I. Ravich-Shelicabo, 1. f. Protoponko - Radiobiologila 6 no 5:921-922 his

RADIATION OIL WELL LOGGING see Oil well logging, Radiation

RADIATION-PROTECTIVE AGENTS

Changes in free amino acideontent in liver and tpleca of rate following ionizing tradiation and injection of of the following following tradication and injection of tallop often by eagent 1. F. Belnvina, V.D. Blotylan F. F. Romantsev - Radiobiologila 6. 10, 5.721-22. (a) Comparative activity of external photoprotective agents IU. I Guian eva and other a - Vest, derim I von - 37 ap. 3-62-69 Mi - 64

Differences in radioprotecting in cohantam between between the control of the protection and inexamine, comparative at the more appointed in an white index R.B. Strelkov, L.R. Raviar also Radiobiologita 6 no 5 766-769 466

Effect of radioprotective proporations on respiration of liver and brain miturhoods is in rabbits N. I His liet kirr. P. F. Romantacy Radiobiologita 6 no 6:880-302 his

Effect of some pharmacological substances on functional disorders of the gastrolatestical tract in experiment if radiation sickness. I.R Protes, A.M. Ibis mov. A.A. Daullin Vop. radiobled. 4.376-305 '61.

Mechanism of the origin of apontaneous and radiation. induced the omesome by takage in mammallan mail in , cells. IU, M Bukavishnikov Radiobiologija 6 met 869-871 '66. Medicobiological studies of factors in space flight.

10 M. Volynkin, P. P. Saksonov, 12v. AN 585H Ser, blot, no. 3:105-418 My-Je 16;

Possible way of regulartion of radiom etective action I G. Akoev and othern Radiobiologita 6 no 6,891

Postradiation modification of radiation damage in frogramment (Rana radiounds). A. M. Kuzin, P. F. Minace. Radio biologita 6, no. 5, 600-692, 666. Radioprotective effect of bacterial nucleic acids and itsis

derivatives following gramma is adiation of laborate, animals M. A Tumanian and others, Radiobiologiia, 8 no 5/112-111 [66]. Radion totelive effect of cysteamine following tonizing in adjustion of loach sperm. C. IA (in sevakti. Z. R. Falseva, N. K. Flerova. Hadiobiologija 6 no 5,886.

Study of the effect of a single prophylactic action of seme pharmacological proporations on the blood system in radiation sickness. N. V. Traskunova. Vop. radiable. 4.371-378 -61.

Study on the radioprotective properties of infrared and ultraviolet rays in lesions caused by X rays. Averb med. zbur 40 no. 3:48-55 Mr 463.

RADIATION SICKNESS

Akademila meditsinskikh nauk SSSR. Institut eksperimen-talinol patologil i terapil. [Pathogenesis, clinical aspects, and treatment of acute radiation sickness in aspects, and treatment of acute radiation signices in experiments with apes; materials of an all-Union symposium; Pategenez, klinika i lechonic ostroi luchevo bolezni v opytaki na obez'innaki, materialy Vecsoiumogo simporiuma. Pod red. B.A. Lapina. Sukkunii, Alashara, 1984. 75 p.

(DNLM)

Change in the spasmodic action of arecolino and nicotire in irradiated animals. G.N. Matygina. Vop. radioblet. 4:365-370 031.

RADIATION SICKNESS (Continued)

- Changes in conditioned reflex activity and gustric secre-tion following radiation sickness S R Perepolein tion following radiation sickness | 9 Radiobiologija | 6 | no 6 851-859 | 186
- Changes in the body temporature of white mice following total a contgen in adiation K, K, Poplayskii Biul eksp biol i med 55 no 6 48-51 Je 48
- Changes in the higher nervous activity of monkeys in radiation sickness. Sh. L. Dzhalagomia. Zhur vys nerv defat. 12 no. 3 472-480 My-Jc. 462
- Changes in the lencocytic reactions in rate during an acute phase of radiation sixtness following an injection of protein stimulants N.I Shuncieva, Vop radiobiol 4 11-116 161
- Changes in the nucleic acid metabolism in the nucesa of the small intestine following acute experimental radiation sickness 1, N Davydova, Vop. 1 adiobiol, 4:179-
- Changes in the peripheral blood following the fractional trradiation of animals in small doses. 1 V Renu. ova Vop. 1 adiobioi - 1/105-110 - 61
- Changes in the reaction of the blood system to some pharmacological actions in rabbits with a radiation stehness of moderate severity. I.V. Remizova. Vop. radiobiol 4:99-104 '61,
- Changes in the resistivity of the microflora causing autoinfection in radiation sickness to antibiotics. I.D. Meter. Vop.radiobiol 4 388-312 61.
- Characteristics of pneumococcal pneumonia in radiation sickness. R.M. Rabinovich, I.D. Meter. Vop. radiobiol 4:296-307 bi
- Clinic of repeated acute radiation sickness P D Gorlzontov, N N Raeva, I C, Akoev Radiobiologiia 6 no 6 920-921 '66
- Combined treatment of acute radiation sickness with hemopolesis stimulants and antiblotics, S. F. Manollov, L. V. Funshtein, D. I. Sheherbaut, Vop. radioblot 1. 406-411 | 61
- Comparison of some blochemical and hematological comparison of some morning and nonatological characteristics in radiation sit kness and following effect of alkylating agents as exemplified by Thio-TIPA A, V Alesenko and others Radioblologiia 6 no 5 718-723 '66
- Effect of blood-stimulating plasma substances on crythio-polesis in experimental ladiation stekness I N. IAmshchikova, Vop. radioblol, 4 409-405 ¹⁸1
- Effect of hone marrow implantations on the development of addition sickness in prognant animals and their prognay. F.IA Ivanova, F.A. Parshim, F.I. Alek-androvich, Med. ad., 7 no 8,52-59 Ag '62'
- Effect of phenothinging series derivatives on the course and auteome of radiation sickness. V.1, Skorobogatov. Vop., addiobloi 4:412-415 (61,
- Effect of some hormones of the supinienal glands and hypophysis on the state of immunogenesis following lonizing radiation action on the organism. I. N. Kisetav, V. A. Semina. Vop radiohiol. 4:278-286 '61.
- Effect of some phatmacological substances on functional disorders of the gast of inestinal tract in experimental radiation sickness L. R. Protas, A. M. Rusanov, A. A. Danlin. Vop radiobiol. 4:379-385 '61
- Effect of total-hody irradiation on the oxygen requirement in white mire. E A Lialin, Vop radiobiol, 4 150-153 '61.
- CMoct of various physical loads on gas exchange in irradiated dogs. I V. Bondarenko, Vop. radiobiol. 4 140-148 [61].
- Evaluation of the algorificance of the crythrocyte sedimentation reaction in labbits following radiation sickness of moderate severity, 1. V. Remizova. Vop. ladiobiol. 4:126-131 61.
- Functional activity of ieucocytes in experimental radia-tion sickness V. A. Ahmazov, L. M Broun, N. V. Kuzi-mina Radiobiologiia 6 no 5 700-704 (66,
- Immunological study of the aignificance of C-reactive protein in the action of ionizing radiation on the organism. P. A. Buzini, P. N. Kisslev. Vop. : adiablol. 4:267-277 '61,
- Lipon deins in the hydloplasm of liver cells in acute rediction sickness. V. D. Blokhina, E. M. Belineva. Blokhimiia 28 no.2:272-276 Mr-Ap '63
- Liver inclusion into immunogenesis following acute radiction sickness M. I. Ravich-Sheherbo, L. G. Prokopenko, Radiobiologiin 6 no 6:921-922 '66
- Modification of vasomotor and secretory conditioned and unconditioned reflexes in acute radiation sickness in dogs. D. A. Il'inskii. Zhur. vys. norv. dolat. 12 no. 3:521-520 My- Je 162.
- Reproduction of Morgan's toxinfection in monkeys fol-towing acute radiation sternass. L. A. IAkovieva, B. A. Lapin, S. M. Pekerman. Med. rad. 7 no. 8;65-68 Ag *62.
- Role of yeastlike fungi on the development of autoinfection in radiation sickness. P. N. Kiselev, K. I. Nikitins. Vop. radiobiol. 4:207-205 461.
- Serological reactions with tissue antigens in in adjated and vaccinated animals. N. N. Klempai skaja, N. V. Raeva Zhur, mikrobiol., epid. i immun. 33 no 6:107-111 Je '62
- Significance of the change in some leucocytic reactions following irradiation for the early diagnosis of neute radiation sickness. E.I.Komarov. Vop. radiobiol. 4:117-125 '61.

- Some data on relationship between characteristics of hemou hagic syndroms phenomenon in dogs following scut: radiation sickness and topography of peripheral nervous system input; BI Lebedev Radiobiologiin 6 no 6848-850 '88
- Some indices of peniose phosphate cycle in acute radiation sickness of dogs R V. Trebukhina Radiobio-logna 6 no 5 766-758 166
- Study of the effect of a single prophylactic action of some pharmacological preparations on the blood system in radiation sickness NV Traskunova Vop radiobiol. 4 371-378 '61
- Surgery on the blood vessels and nerves in acute radiation sickness L A Met'nik Mcd rad 7 no.847-52 Ng 162

RADIATION SICKNESS—CONGRESSES

TREATAI'nyi nauchno-issledovatel'skii rentgeno-radiologi-cheskii insitiui [Problems of radiobiology and clinical rentgenoradiology. Report session, content of reports, June 15-17, 1966] Vorrosy radiobiologii i klinicheskoi rentgeno-radiologii. Olchetada nauchnata sessila, soder zhanie dokladov 15-17 funta 1986 g. Leningrad 1966 114 p. (DNLM)

RADICALS (CHEMISTRY)

- Fquilibrium indissociation reactions of alkane molecules into radicals. V. A Ulitskii Neftekhimita 3 no 6:650-654 9-0 463.
- Fquilibrium in reactions of the molecular disproportions tion of alkanes and alkanes with the for mation of alkyl radicals V A. Ulitskii Neftekhimiia 3 no 5.655-658
- Orientation of free radical addition to 1-akenes. G.I. Nikitin, M.G. Vonogradov, R. V. Keieschidze Zhur, org khim 2 no H 1918-1923 N *60
- Radiospectroscopic criterion for recognition of two or several free radicals VI Muromisey and others Dok! AN SSSR 171 no 2 369-392 N *66

RADICALS (CHEMISTRY)-SPECTRA

Electron exchange interaction in free iminoxyl tetraradi-uls of hiphenyl series, V. A. Golubev and others Zhui, org khim 2 no ll 1916-1918 N 166,

Lielturks, A. [Theoretical electric and radio engineor-ing] Teoretiska elektrotehnika un radiotekhnika. Riga, Zvaigzne, 1966. 295 p. [In Latvian]

RADIO-DICTIONARIES

Kraizner, I.,P., and S.E.,Khaikin, eds. [Radio amateut's dictionary] Slovar' radioliubitella. Izd. 3., perer, i dop. Moskva, Energiia, 1966. 740 p. (Massovala radiobibioleka, no. 621)

RADIO-EQUIPMENT AND SUPPLIES

Luiskii, V.A. [Calculation of reliability and efficiency of 11 adio electronic apparatus] Raschet nadezhnosti 1 effektivnosti 1adioelektronnoi apparatus; spravochnik, 2., dop.i perei, izd. Kley, Naukova dumba, 1966, 207 p.

RADIO-RECEIVERS AND RECEPTION

- Difectiveness of suppressing impulse noise using non-linear feedback V D Krasil'nivov Ezv vys ucheb, zav , radiotekh 9 no 5'616-621 S-O '66
- Method for the reception of radio signals with strong ex-ternal FM background signal A. I. Grechikhin Izv vys ucheb zav ; radiotekh 9 no 6·766-771 N-D '66

RADIO, SHORTWAVE

- Shottwave radio communication on main lines of the radio center of Dickson Island during magnetic storms of various types 10 I. J. Feldshein, L. A. IUdovich Probl. Arkt. no. 7:91-101 150.
- RADIO, SHORTWAVE-EQUIPMENT AND SUPPLIES Self-tuning shortwave radio communication equipment.

 A. A. Kashel'. Vest. sviazi 26 no 11 7-11 N '56.
- RADIO AND MUSIC see subdivision under Azerbaijan
- RADIO ANNOUNCING see subdivision under Chita

RADIO ASTRONOMY

- The earth is listening to the universe. I. Grigoriev.
 V mile knig 6 no. 10:11 O '65.
 Effect of cosmic source motion on frequency spectrum of
- Radio source SAG-A as possible injector of cosmic rays, V.N. Kurillchik, Astron zhur, 43 no. 81317-1318 N-D 166
- Spectrophotometry of radio source CTA-102, V.I. Pronik, Astron. zhur. 43 no. 6:1207-1210 N-D 166

RADIO ASTRONOMY-CONGRESSES

Symposium on radio astronomy at Pulkavo, V.I.Slysh. Astron.tstr no. 306.7 O 164,

RADIO BEACONS

Baranov, IU.K. [Use of sectoral radio beacons in navi-gation] [spol'zovanie sektornykh radiomatakov v sudo-vozhdenii. Izd. 3., dop.i perer, Moskva, Transport, 1966, 83 p. (Kursy usovershestvovaniia Plavsostava MMF)

Execting a radio beacon on a raft A.S. Demsov, L V. Bulatov Probl Arkt no 7 125-126 159

RADIO CIRCUITS

Analysis of radio circuits structurally represented by our pulse system VI Gostev Izv v.s ucheb zav , radiotekh 9 no 6,789-740 N-D 166

BADIO DETECTORS

- Operation of a phase detector circuit with square input voltage III V Popov IIv vva ucheb zav , radiotekh 9 no 6.790 N-D '66
- Study of a differential FM discriminator with staggered circuits. IU, L. Bogorodskir Trudy V NIRT no 1 123-133 464

RADIO DIRECTION FINDERS.

Correlational interference direction finding using an equisignal zone method S. V. Samsoneko Radiotekh. 1 elektron 11 no 12 2271-2273 D '66

RADIO IN AGRICULTURE

(see also subdivision under Attai Mountains; Lithuania)

Familiat voices. A. Fedorov. Sov. tadio i tel. 12 no. no 6,21-22 Je 163.

RADIO IN EDUCATION see subdivision under Munmanak Province

RADIO IN INDUSTRY see subdivision under Chelyabinsk,

RADIO IN NAVIGATION

Ylasov, V.G., and V.G. Svechnikov. [Electronic navigation devices] Elektroradionavigationnye pribory. Izd. 2., percr. I dop. Moskva, Transport, 1966. 334 p.

RADIO IN PROPAGANDA (see also subdivision under Cuba)

- For lofty ideology and creative boldness 1 Sov. radio 1 tel 12 no 6:1 Je 163.
- V.I.Lenin and the introduction of radiobroadcasting. G. Kaznkov Sov. radio i tel. 12 no. 5 15-19 My 153.

RADIO IN SPORTS see subdivision under Gorkly

RADIO IN THE CONSTRUCTION INDUSTRY see subdivision under Khabarovsk Territory; Sakhalin

RADIO INDUSTRY-MECHANIZATION

Economic efficiency of the mechanization and automation of production in the radioclectronic industry, E. Goncharova, Fruily Ekon, fak, kir, gas, un no 1,22-21 161,

RADIO JOURNALISM

- (see also subdivision under Lithuania, Rostov Province; Taldom District; Zaporozii'ye Province)
- Correspondents not on the staff. N. Kuz'min. Sov. radio i tel. 8 no. 3:23-24 '59.
- Search and find | Lev. Kassilf. Sov. radio i tel. 12 no. 5:8-9 My '63.
- So life demands, M. Norinskii, Sov. radio i tel. 8 no, 3;29 '50,

RADIO LINES

- Feature of using periodic structures in the capacity of millimeter-band transmission lines. L. I. Kats, E. L. Kulikov. Radiotekh i elektron. 11. no. il 2074-2077 N. '66
- Nonlinear transformation of video signals in a controlled transmission line with fearlte 17v., ys ucheb, zav , radiotekh 9 no 5 673-875 S-O | 166

RADIO MEABUREMENTS

- Grundulis, Ansis, and Harijs Stanke. [Radio-electronic measurements] Radioelectroniskie merijumi. Riga, Liesma, 1968. 438 p. [In Latvian]
- Introduce nondestructive methods of inspection into practice of maintenance of housing. N. N. Kirkilov. Stroi, Larkhit, Len. 28 no. 10 16-17 O 366.

A journey into the beautiful, R. Genkins. Sov. radio i tel. 12 no.5/3-5 My 163.

RADIO PLAYS see subdivision under Georgia

RADIO PLAYS-PRODUCTION AND DIRECTION Again about radio plays. M. Mikriukov. Sov. radio i tel. 12 no. 6;10-13 Je 163.

RADIO PROGRAMS

- Seven colors of the "Rainbow," G. Skojokhodov, Sov. 1 adio I tel. 12 no. 6:14-15 Je *63,
- We favor exchange | S. Lagutin, Sov. radio i tel, 12 no. 5:28 My '63.

RADIO RELAY SYSTEMS

Eight television stations receive their programming from Moscow. Sov. radio 1 tel. 8 no. 3:6 '59.

RADIO RESONATORS

Vainshtein, L.A. [Open resonators and open waveguides]
Ckrytye rezonatory i otkrytye volnovody. Moskva,
Scy.radio, 1986, 474 p.

RADIO WAVE PROPAGATION

Disturbance of reciprocity principle in propagation of superbong radio three around earth in distance. P. I. Krasbushkin, R. B. Balbulator. Dokl. 3 V 588R. 1:1 17-2 540-445. 5 560.

to 2 340-343 (30)

Doubling or the frequency of a spectral line with finite width and vice interactions in a pontinear medium 5. A 344mono , 3.5 Chirkin Radiotish reletion 11 to 11 1915-1926 (3.16). Rediotish reletion in the interplanetary media (5.11 Moshe), 3.1 Fitner Refores the reletion of 11 Moshe), 3.1 Fitner Refores the reletion of 11 no 41 2004-2060 (3.16).

Some characteristics of propagation of intermediate radio adves above ground with uneven relief Thous was amove ground with univen inter a A 2013.9 Roung; and a no 6 1071-1075 N-D 105 Thous of radiation transfer in nonhomogeneous medium V. V. Zhelezniako – Izv. vis. w.hch. zaw., radiofiz. 9 no 5 1077-1064 105

RADIO WAVES

(see also subdivision under Mitnyy Station, Antarctica) Misorption of the rose addo saves in the arr by water super dimers. A Newtonosa, 3 N Zhevakin Bokh A USSR 171 no 5 1061-1064 D 366.

Determining day profile of electron concentration in C and D laves of ion-spirer, by measuring ground fields of superlong ratho waves and their profile of atmospheric pressure R B Baithflow, P E, Krasmushkin Geomag Laer - h no 6 1051-1060 N-D 166.

RADIOACTIVATION ANALYSIS

Determination of oxygen in molybdenum by the method of A V. Indreev and others activation with fast neutrons. A V. Adres Zhur, anal Phim. 21 no 12 1453-1455 66

Radioactivation determination of bismuth in mineral taw materials E.M Lobarot, A V. I Vnkovskii, Zhui, anal Him 21 no 12 1420-1422 468

RADIOACTIVE FALLOUT see subdivision unusi Crimea

RADIOACTIVE PROSPECTING

Table of values of the function $F(\tau, \mu_{\ell})$ for theoretical calculations on gamma logging 1, G. Abazov. Zap calculations on gamma logging LGI 50 no 2:69-73 'bb

RADIOACTIVE SUBSTANCES-SAFETY MEASURES

Mosko skala sel'skokhoziaistvennan akademila Radio-izolomia laboratorija [Safety measu es in worf ing with radioactive substances] Tekhnika zashchily pri na-bote s nadioaktivnymi veshchestvami [By] V V Ra-chinskii i dr. Moskva, 1959, 35 p. (Praktikum po primenenifu izotopov i izluchemi v sel'skom khozialstve,

RADIOACTIVE SUBSTANCES IN SOILS SEE Soils, Radioactive substances in

RADIOACTIVE TRACERS

Making use of radioactive indicators to study the chemical stability of glass A.D. Shnypikov, I.S. Airin, BU.K Gusev Stek i ker 23 no 12 12-15 D '66

Radioactive indicator methods of studying the effective-

ness of technological measures increasing the wear resistance of maine eagine parts. D G Tochil'nikov, Sudostroeni, 36 no, 11 48-52 166
Use of radioactive tracer method in studying evaporation of barrum oxide from various backings. V. P. Vastil't v. I. M. Lutsenko, Izv. AN SSSR Ser, fiz., 30 no, 12 1030-1934 D 16b.

RADIOACTIVITY-SAFETY MEASURES (see also subdivision under Novovoi enezhekiy Atomic Power Plant)

Projective systems, equipment and devices for work with radioactive substances and means of personal protection, "Peaceful uses of atomic energy" Pavillion Inform bull VDNKII no 9 26, 28-29 S 162

RADIOAUTOGRAPHY see Autoradiography

RADIOBIOLOGY-CONGRESSES

Problems of radioneurology at the 3d Congress of Radiological Research N. N. Livshits. Radiobiologiia 6 no 6.923-924 '66

Third International Congress on Radiobiological Studies I K Kolomittseva Radiobiologiia 6 no 5 770-772 '66

RADIOBIOLOGY-RESEARCH

Principle of designing buildings for total-body animal irradiation in biological research. V A. Petrov. Vop radiobiol. 4:429-433 '61.

RADIOBROADCASTING

(see also subdivision under Altai Territory, Chukchi Peninsula; Kamchatka; Moldavia; Moscow; Perm Province; White Russia)

International relations of the Soviet radio and television. Kh Sarkisov. Sov. radio I tel. 12 no. 5 38 My 163.

My opinion, S. Apartsin, Sov. radio i tel. 12 no. 6:12 13 Je 163,

The "Radiobroadcasting" joint stock company. G. Senke-vich. Sov. radio i tei. 12 no. 6;39-40 Je 163. Work of enthusiasts, 1. Borsukov. Sov. radio I tel. 12 no. 6:28-29 Je '63.

RADIOBROADCASTING -- COMPETITIONS

tll-Union competition for the best broadcasting. L. Kar-tsev, N. Sakontikov Sov. 1 adio 1 tel. 8 no. 3:20-22

RADIOBROADCASTING-STUDY AND TEACHING SEC subdivision under Moscow

Gromov, V.V. [Short course in radiochemistry] Kratkii kuns radiokhimii. Pod red. I.N. Plaksina. [Moskva] Metallungur, 1966, 243 p
Field energy relations of radiochemical reactions of

ozone form aton and nitrogen oxidation, M.T. Dmitt lev. Zhur, ir, khim, 40 no 11:2729-2731 N 466.

RADIOECOLOGY

Effect of lonizing radiation on early stages of the development of Limnaea stagnalis L N V Kullkov, N. A. Throfeeva, S. S. Linbimova Radiobiologija 6 no 6

RADIOFREQUENCY SPECTROSCOPY

Rediospectroscopic criterion for recognition of two or several free radicals VI Muromisey and others Dokl AN SSSR 171 no 2 389-392 N '66

RADIOGRA PILY

Predetermination of the localization of foreign bodies
D IA, Bogetin Trudy Novokuz GIDUVa 32:5-8 '65
V-ray structural study of superconducting alloys bosed
on nicholume V S Kogen. B G, Lazarev. L F IAkimenko Zhur eksp i leo: fiz 51 no 5:1328-1331 N '66

Radioactive isotopes for marking Colorado poetle, G Pukinskain Zashch rast, II no 11-52 160.

Study of evaporation of microcomponents from salt mixtures in alternating current arc by means of radioactive isotopes

B.O. Filonov, M.M. Pavlinchenko Dokl. AN BSSR 10 no 12:957-960 D 166.

RADIOISOTOPES-INDUSTRIAL APPLICATIONS

Analysis of block diagrams of radioisotope instruments, k S.Kiempner, I. M Cheredrichento, N.N. Shurtlov-skii Avtometriia no. 385-100 166.

Determining the volume tile weight of a soil sample by the gamma-ray method. I S Fedorov, O. E. Dobrovin-skala t Trudy Lab. Inch. gidrogeol. VODGEO no 4. 176-187 162.

Portable radioisotope device for determining the volume-tic veight of gravel ballast, P. M. Tsigel'nit, N. 1. Puzanova Transp. stroi il no. 11, 41-45 N 181.

Radioindicator method of studying thermal moisture transfer in the drying of crumb-like materials in thin layers on wet ground. M. P. Volarovich, N. I. Gamalimov. V. I. Smirnov. Kell, zhur. 28 no 6 814-818 N-D '66

RADIOISOTOPES—PHYSIOLOGICAL EFFECT

Antibodies to autocrythrocyte lysates in rate chronically exposed to some radiometre bioelements O.G. Alek-beeva Radiobiologiia 6 no 5 708-711 166

Differences in parameters characterizing radioactive and stable calcium metabolism following radiofictor and tration of short duration Z V Dubrovina, . P M Maikin Radiobiologiis 6 no 6,812-816 '66

Effect of addicactive water pollution on and blood in embryos and larvae of salmon (Salmo satar L.). C.V. Neustroev Trudy MM; I no. 12:189-191 '66

Study the turnorigenic action of radioisotopes. Vop. onk. 9 no. 3:32-39 163

RADIOISOTOPES IN THE BODY

Substantiation of the maximally permissible level of the content and intake of indioactive isotopes in the organism IU I Moskalev, Med.iad, 7 no. 8:91-97 organism Ag *02,

RADIOLOGISTS—DISEASES AND HYGIENE

State of health of workers in roenigenological offices
IU P Nikitin, L N Morozova Trudy Novokuz GIDUVa
32:143-146 | 165

RADIOLOGY, INDUSTRIAL

Using stray radiation radioactive pickups in automatic control systems of construction and road machinery. I. IA, Rusinov. IU, K. IAkhontov. Stroi, i dor. mash 8 no 8,18-21 Ag '63

RADIOLOGY, MEDICAL

Methodology and roentgenodiagnostic methods in gasti ic cancer IU. N. Sokolov. Vest rent i rad 37 no 3;8-13 My-Je ¹82.

13 My-Je 182.

Mezhbattutakala konferentsila molodykh uchenykh, 5th,

[Current probleme of clinical roentgenology and radiology, reports] Aktual'nye voprosy kilnichoskoi rentgenologil i radiologiti doklady. Moskva, Gos. nauchno-issl.

rentgeno-radiologicheskii in-t, 1965. 336 p.

[DNLM MICROFILM]

RADIOLOGY, MEDICAL-CONGRESSES

RADIOLOGY, MEDICAL—CONGRESSES
TSential nyi nauchno-issiedovatel'skii rentgeno-radiologicheskii institut. [Froblems of radioblology and clinical reentgenoradiology, Report session, content of reports,
June 15-17, 1966] Voprosy radiobiologii i klinicheskoi
rentgeno-radiologii. Otchetnala nauchnala sessila;
soderzhanie dokladov 15-17 iiunia 1966 g. Leningrad,
1986, 114 p. (DNLM)

YETTIMOIGAG

DRST two-channel well radiometer with heat-insulated oust two-commes were radiometer with heat-insulate gamma-radiation detectors. P.A. Zelltsman, M.V. Isalick, Neft i gaz prom. no. 1:71-76. Ja-Mi. 163,

tise of matrices in calculating a radiation spectra of thick sources V. P. Grigorov. Atom energ. 21 no. 4 517-518 D 468

Use of scintillation radiometry for the atudy of the adsorption of electrolytes on cellulosic materials. Trudy VNIIB no 51/75-84 455.

Width of spectral line of water vapor absorption at \$2.0.02 mm. VIA Hisdov. NI Furshlow Izv vysucheb zav., radiofiz 8 no 6 1073-1077 '66

RADIOMETRY—EQUIPMENT AND SUPPLIES

Device for automatic recording of the accumulation of radioactive jodine in the thyroid gland A. IA. Gelliman, L. IA. Matsakov Vestrient find 37 no 3:65

RADIOSCOPIC DIAGNOSIS see Diagnosts, Bartescopic

RADIOSONDES

Kokovin, N.S. [Radiotolemetry of atmospheric sounding] Radiotelemetrita zondrovanila atmosfery. Leninguad, Gidnometeorzdat, 1966, 161 p.

RADIOTHERAPY

Computative dut on surgical attracture of breast cancer under the effect of radiotherapy. E.L. Noishtadt. Vop. onk. 12 no.1241-49 466.

Computative dut on surgical and radiosurgical methods

m treating cancer of the rectum, 1 P. Loboda, Kilin onk no 140-17 165

Development of methodology for using londing radiations in the general complex of therapeutic measures for preventing and treating reliaps s and metastance of lymph node cancer. I. P. Shevchenko, P. IA. Nekrashiv Klin, ook, no. 123-33 [65].

Ffrect of ionizing radiation of pigmentary tumors. V. N. Khmelevakata Kiin, ons. no 1 129-130 155

Effectiveness of configenchicrapy of chi onic tonsilliting based on data of cytological contents of lactime and allergic skin reactions. R. IA. Gażuli, IA. D. Missionshnik. Vest rent. i rad. 37 no 372-73 My-je '65.

Fluorescence microscopy indices of the sensibility cells of cancer of the cervix uterf to irradiation, I., U., Vainer, Vop. onk 12 no. 1167-70 188.

Growth of gray hates following roentgen therapy of acula dermatenyeeses A. G. Suntsov. Vest dorm I ven. 37 der matemycoses A. no 3:65-67 Mr | 63.

Late results of combined radiotherapy in cancer of the cervix stori, data of the Tambov Province Oncological Dispensary V.I. Robert Vestment find 37 no 3: Dispensary 1 71 My-Je 162

Results of tadiother apy in Ewing's tumor. G. G. Mitt ov. Vast. 1ent. 1 1 1 d. 37 no 3;54-80 My-Je '62

Technique of the andiologist in trenting metheres in the lymphatic glands in tumors of the head and neck, M. A. Volkova, Med. 1 ad. 7 no. 8133-37 Ag 462,

Use of oxygen in oncological radiotherapy, I. P. Berezin, A.I. Bukhmar, I. M. Ppintein. Vop. onk, 12 no 12 76-83 166.

RADIOTHERAPY—COMPLICATIONS AND SEQUELAD

Late radiation lesions of the urinary bladder and rectum following combined radiotherapy of female gent-talia. A. P. Koshuan. Klim onk no. 1 64-68 *66

RADIOTHERA PY-SIDE EFFECTS

Functional changes in the human blood ch culation system under the effect of the apautic doses of longing radiation tion. V. I. Kotadhov, V. M. Stepanov - Trudy Novekuz GIDUVa 32:134-139 '65.

RADESHES-VARIETIES see subdivision under Abkharta

RADIUM ace subdivision under White Ressia

RADIUS-DISEASES

Epiphysiolysis of the distal and of the radius and its treatment F.I. Babich, Travinatologila no. 1:278-280 105.

RADIUS-FRACTURE

Clinical and X-ray observations in intra-articular fractures of the distal apimetuphysis of the radius, V.N. Lipatova. Travmatologila no. 1:287-281 165.

Early use of diathermy in the treatment of radial freetures in the typical foration, I., I. Tairova, Trav-matologita no. 1:326-320 165.

Ornshiein, E.G. [Fractures of the radius at the classi-cal place] Perclomy luchevol kosti v klassicheskom mosto, Kishinev, Kartia Moldoveniaske, 1006. IIB p. (DNLM)

Treatment of fractures of the head and neck of the radius, A.S. Marinich. Traymatologiia no. 1:281-286

Myoloradiometry in discases of the spinal cord. V.Kh. Frenkett. Med. rad. 7 no. 8:11-16 Ag '62.

RADON-THERAPEUTIC USE

Radiation anongy absorbed by the human organism while inhaling air and ingesting water enriched with radon. S. V. Andreev. Med. rad. 7 no. 8:40-48 Ag 182.

RADON ISOTOPES-PHYSIOLOGICAL EFFECT

Effect of the irradiation of peripheral regions of the rervous system on the respiration of skeletal muscles Z I, Shitova, Vop radioblol 4 19-58 461

PADZHABOV , ZARIF SHARIPOVICH, 1906- -BIO-BIBLIOGRAPHY

Akademila nauk Tadzhikekol SSR. TSentral'nala nauch-naia biblioteka. Zarlí Sharlpovich Radzhabov. Vstup-stat'la G.E Bellakova i S D. Gubar' Bibliografila sost N.G Sheherbakovol. Dushanbe, Donish, 1966. 58 p (Mater laly k biobibliografil uchenykh Tadzhikistana, no, 11)

RAEVSKII, GENNADII VASIL'EVICH, 1921-1984 G.V. Raevskii, A.E. Moskalenko, Vop. lst. slav, no. 2' 292-293 '66

RAFFINOSE

N. A. Shcheblykina, B. M. Nakhmanovich Mikrobiologita 35 no 5:789-791 S-O '66.

RAGWEED

Allergy to police of Ambrosia artemistaciolia 1 E. Akopov, A.1 Ostroumov Sov med 29 no 12 96-99

RAILROAD BRIDGES

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II no 12 51 D 161

RAILROAD CONDUCTORS

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Passage of double-heading trains for raising capacity of lines. I.G. Tikhomirov, P.A. Sytsko, Zhel, dor. transp. 48 no. 7:39-42 Ji '66.

Utilization of electronic computing machines in the design of railroads, IU, E. Ryvkin, Transp. stroi, II no. 12:46-

RAILROAD ENGINEERING-FINANCE

Some potentialities of increasing the profitableness of railroad construction organizations. V. Babelian, Fin. SSSR 40 no. 11:50-64 N '66.

RAILROADS

(see also subdivision under Bulgaria, Manchuria; Moscow)

Answers to questions, IU, K. Olenko and others, Put! 1 put. khoz. 18 no. 0:21 '66,

Basic direction in developing railroad transportation. Zhel doi transp 48 no 6'J-6 Je '66.

Conditions of all-Union competition. Put' i put, khoz. 10 no. 8,30 '66

Do you know that...,? Put! i put, khoz. 10 no. 0:38 '66. From out of the past. Put! i put, khoz. 10 no. 0:47 '66. New assignments, new demands. Zhel, dor, transp. 48 no. 7:3-6 Jl '96,

48 no. 7'3-6 JI '00.

New conditions of planning and economic stimulation on Sver dlovek and Gor'kiy rath oads G. A. Al'tshuler. Zhel dor transp 18 no 6'23-31 Je '66.

Organizing tourist excursion transportation. A. A.

Chernysh, N.V. Pravdin, Zhel, dor, transp. 48 no. 7; 34-36 J1 '86,

Railroad chronicle. Zhel.dor, transp. 48 no. 6:86-87

Railroad chronicle. Zhel, dor, transp. 48 no. 10:85

The traditional haliday of railroad men. Put' i put, khoz. 10 no. 8:1 '66.

Use of mathematical methods in determining the depen-dence of rath oad-capital assets on the volume of transportation N. G. Smekhova Trudy MRT no 248:59-

Using polymer materials on Moscow railroad, A.V. Fgorov, Zhel, dor, transp. 48 no 10:56-58 O '66, Volunteer control is vigilant, IU. N. Markov, Put' i put.

thoz. 10 no. 12:24-26 '66
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RAILROADS-ABSTRACTS

{Mailroad transportation} Ref. zhur. : Zhel. dor. transp. no. 1 Ja '67.

RAILROADS-ACCOUNTING

More about the economic comparison of variants when designing railroad lines, N. M. Roinishvili and others, Transp, stroi, 11 no.11.43 N '61,

New methods of business accounting. I.E. Grubskii, V. P. Zakharova. Zhel. dor. transp. 48 no.ll-56-61 N 66

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Determination of operating expenses by comparing variants of stations and terminals. 1., G. TSypin Transp. stroit 11 no. II 11-42 N '61.

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Manufacture of the elements and assembly of large-panel buildings in an integrated series M. A. Fishchukov. Transp stroi. II no. 12-31-31 D '61.

Ways to lower the cost of housing construction on rail-toad lines B. M. Ershov. Transp. strot. II no. II 30-37 N '61

RAILROADS-CARS

Increase car efficiency Zhel dor transp 48 no. 11 %-6 N 166.

Introducing experience of Moskovka carmen V.A Bar-holm Zhel dor transp 48 no.11 27-33 N '66, News of foreign technology. Zhel, dor, transp. 48 no 10:02 O 166

Overall evaluation of car utilization, V.N Derzhavin Zhel, dur transp. 18 no. li 18-19 N '66

RAILROADS-CARS-DESIGN AND CONSTRUCTION

Fodoscev, A.V. [Ways of raising car durability] Puli povyshedia prochnosti vagonov. Moskva, Transport, 1968, 193 p. (Moscow. Vsesoluznyi nauchno-issiedo-vateľskii institut zheleznodorozlnogo transporta, Tru-

Modernizing cars at the Kanash plant, V P. Trondin, Zhel dor, transp. 46 no 11-50-52 N $^{+}66$

RAILROADS-CARS-MAINTENANCE AND REPAIR

Alekseev, V.D., and S. V. Zarin. [Advanced technology in inspection and running maintenance of cars at points of technical inspection, information cards 1-8] Percetovata tekhnologita osmotra i tekushchego remonta vagonov na punktakh tekhnicheskogo osmotra, informatsionnye kariy No. 1-8. Moskva, 1964. 25 p. (Seriia "Vagony i vagonnoe khoziaistvo," no. 6)

Continuous maintenance of all metal cars. V.I. Dmitrice N.N. Polibin Zhel, dor transp. 18 no. 6:79-80 Je '66. Effectiveness of specialization in car repair plants. A. P. 10khnovskata. Zhel dor, transp. 18 no. 10:44-47 O '66.

Experience of Moskovka depot carmen-for all stations G.T.Kiuglyi. Zhel.doi.transp. 18 no 6.63-66 Je 166

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RAILROADS—CARS—WELDING

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Problems of lowering construction costs in the designs of second tracks. P F. Zaitsev, M. I. Lastovchenko, V A. Florents, Transp. stroi, It no. 12, 35-36 D '61, Time, cost, and quality of construction. F.G. Sokolov. Zhel doi: tiansp. 48 no 6:31-35 Je '66.

RAILROADS-COST OF OPERATION see subdivision under Caucasus, Northern

RAILROADS---CROSSINGS

Unevenness in frogs. V.I. Abrosimov. Put' I put, khoz, 10 no. 12:27-28 '66.

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New instructions for installation and servicing of crossings. L. P. Pisariuk. Put' i put, khoz. 10 no. 8.43-45

RAILROADS-CURVES AND TURNOUTS

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RAILROADS-DESIGN AND CONSTRUCTION (see also subdivision under Irkutsk Government; Kazakhstan; Siberia)

Newsletter about new foreign equipment for track and the construction of railroads. Transp, stroi. Il no.11.58 N '61.

They write to us. Transp. stroi. It no. 12:56 D '61.

Work achievements of construction workers in the trans-portation industry in celebration of the 22nd Congress of the CPSU. Frinsp, stroit 11 no 11-3-4 N '61

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RAILROADS-FREIGHT CARS-MAINTENANCE AND REPAIR

Popov, A.N., and F.B. Rozinskii [Factor; repair of freight cars and their nodes on conveyors] Zavodskoi remont gruzovýkh vagonov i ikh uzlov na konveierakh Moskva, 1864. 39 p. (Serila "Vagony i vagonnos khozialstvo," ro 4)

Washing and repair trains for preparation of cars for supply cargoes Z. M. Miasnikov, B. S. Poliaich, Zhei, dor, tran-p. 48 no 7 56-58 Jl. 180

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Studying the relationship between the work indices and the use of rolling stock by methods of correlation snalysis C. V Bakushkina Trudy MIT no 248:35-41 '66

RAILROADS-MAPS

Runsia [U.S.S.R.] Glavnoc upravionic geodezii i katto-grafii. [Railroads of the U.S.S.R., lines and stations] Zheleznye dorogi SSSR; napravienila i stantsii. 2. tzd Moskva, 1968—150 p.

RAILROADS-MECHANIZATION

(see also subdivision under Moscow) Linear programming and the scientific organization of labor. I B Lekhno. Put' i put, khoz. 10 no. 8-15-18

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RAILROADS—SIGNALING—INTERLOCKING SYSTEMS RALIROADS—SIGNALING—INTERLECTRING DISCRESS
Golovan', P.F., N.F., Muchkin, and E.I., Rakito. [Construction of automatic block systems and electric interlocking systems] Stroitel'sivo avioblokirovki i cicktricheskoi tsentralizatsii. Moskva, Transport, 1986. 307 p.

RAILROADS—SNOW PROTECTION AND REMOVAL (see also subdivision under Russin, Northern)
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[Tariff guide No. 4] Tarifnoe rukovodstvo No. 4. Moskva,

Transport,
Book 2. Pt.1. [Alphabetical list of rath oad stations Effective from October 1, 1965] Alfavitnyi spisok zheleznodorozhnykh stantsti. Vvedeno
v deistvie s 1 oktiabria 1985 goda. 1965. 659 p.

Technical acatheticism in locomotic depots. I.V. Opryshko. Zhel, dor transp. 18 no. 7:67-66 M. 100.

RAILROADS-STATIONS-MAINTENANCE AND REPAIR

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Section S.I I Ababaan, Pull I put, kho. 10 no 12-11

RAILBOADS-SWITCHING

Automating speed control of train shunding on sorting pumps. N. M. Fonarcy and others. That dor, train ip 18 no. 10:33-35 () '56.

RAILROADS-TECHNOLOGICAL INNOVATIONS (see also subdivision under France)

Fulfilling the plans of sefentific research work. Theil dor, transp. 10 no. 6:01-80 Je tob.

finovotors continue their searching, A. D. Levitin. Tail put, tho. 10 no. 0/34-36 %

Introduction of inventions and efficiency proposals in a potential in raiging economic effectiveness: V.A. Gritchenko. Zhel.dot.tromsp. 18 no. /.11-15 Jr 160.

New developments in foreign technology. Zhel dor, tranca 18 no 6 93-91 Je 168

News of foreign technology. Zhel.doi transp. 18 no 11 94-95 N *66

Use of statistical methods in analyzing the results of the introduction of new equipment; as exemplified by signalization and communication fields - P. A. Shijinto, a Trudy MIT no 248:12-58 -66

RAILROADS-TICKETS

New automatic ticket-printing machine with change 10. turn Zhel, dor, fransp. 48 no. 1181-82 N 666

RAILROADS-TIES

More about them with wedge-shaped areas sections,
V.G. Malyabev. Put t put, kinz 10 no 12 8-10 tale.

Paddings protect tlea. V.S. Lyaink, 1.S. Lapkins, A.V. Kashirin, Put's put, thoc. 10 no. 12(17-18) (66)

RAILROADS-TRACK

Construction and maintenance of track potentials well perspectives M.A.Chernyshev Zhel don tran p. 18 no 6 13-19 Jc. 188

Self-propelled unit for welding will joints. G. P. Tan ibn-nov Transp. strot. 11 no. 12,50 D tol.

Use of coment to reinforce readheds M 5 Karamov Transp stref. 41 no 12, 10 42 D 461.

RAILROADS—TRACK—MAINTENANCE AND REPAIR

Birth and formation of track work mechanization. M. 1. Chienov. Put I put thez, 10 no Past-lo and.

Correcting devices of temping machines. A. P. Slichel a bakova. Put' I put, khoz. 10 no 12:10-21 166. How to improve track maintenance. V.V. hasilet. Zhel, dor, transp. 48 no. 7;51-53 Jl 46.

Increasing rate of mechanization of track maintenance,

A. F. Zolota 18th, M. T. Chienov, Zhel, doi: Campino, 10;11-11 O 166.

Perfecting organization of track maintenance, M. T. Chienov, Put' 1 put, khoz. 10 to 3:1-5 166.

Potentials for improving track maintenance and rolling work efficiency of trackmen, N.V. Ilkolov, Zhel, doi transp. 48 no. Ili 41-43 N. (66).

50rvice of new design track, A, S, Chetverikov, R, B, Zverev, Put' I put, khoz. 10 no. 0:24-25 168. A united collective, V. M. Kombai ov. Puti i put, khoz,

What is the best way of natintaining track at junctions, V. M. Sheherban', A. M. Rozenberg, A. F. Rodinets, Put' i put, thoz. 10 no. 8·6-8 (6).

RAILROADS—TRAFFIC—SAFETY MEASURES

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railroads—trains—drakes

Organizing repair of electropneumotic automatic brokes A.T. Pudovkin. Zhel. dor. transp. 48 no. 6.76-79

FAILROADS—TRAINS—MAINTENANCE AND REPAIR

Describing quantity of inspector-topalizated in multi-group servicing of trains. A. E. Komarov, Zhel, dor, textsp. 18 no 7 59-61 J1 '66

RAILROADS-YARDS

Chirkin, V. V. [Bisic trends in developing on yards on foreign railronds, a review] Osnovnye tendentsii razvitiia vagonnogo parka na zarubezhnykh zheleznykh dorogakh, obzor Moskva, 1984. 37 p. (Seriia "Vagony I vagonnoe khozialstvo," no. 5)

Effective utilization of sorting tracks O. A Olclink Zhel dor transp 48 no H 20-21 N 466.

RAILROADS-YARDS-MANAGEMENT

Not anced technology of sorting station operation. V. L. But ashnikov, E.V. Pankov, A.G. Var akuta. Zhel, Jor, transp. 48 no. 7:16-18 Jl '66

Net plans of soring stations V.G. Simonov, E.S. Ostrovskii, Zhel dor tiansp 48 no 6 93-93 Je 466

Organizing sorting station operation on scientific basis.
A S. Zintmukhin. Theil dor transp. 18 no 10 1923 O 466

Perfecting technology of sorting yard operation. A.M. Delaboradze, 1.1.Gurshtein Zhel dor, transp. in no. 6.45-47 Jc. 166.

RAIN AND RAINFALL

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Protection of facades of totally prefabricated buildings egainst rain water. K. Kashkatov, K. Skorduli. Na strot. Ros. 1 no. 10:27-28 O 163.

RAIN FORESTS

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RAMAN EFFECT

Experimental determination of tensors of Raman scattering in v -quailt D F Kisclev, Kristallografiia H i i a 46t-891 N-D '66

Ramin specify of carbohydrates of various classes, Report No. 8: Specify of polyalkylbenzenes E.G. Treshchova, V.R Svarchenko, R.IA Levina Ve Mosk un Sci 2 Khim 17 no 5.66-70 S-O '62

Selection rules for vibration structures in Raman scattering spectra. K Polker, P. D. Trifonov. 1 iz tver tela. d. no. 7:2039-2013. Il. 166

Theory of stimulated Raman scattering of light on excitons IU.A TSvitko Ukt fiz that II no II 1218-1200 N 166

RAMANY OIL FIELD—OIL FIELD BRINES

PARMAYA OIL TIELD—OIL FIELD BRINES

Fifect of bottom water on oil recovery from Sub-Kirmaki
scrifes of Kala field. N V. Gartova. B M. Listengarten,
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D 166.

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RARE AND MINOR METALS see Metals, Rare and minor

RARE EARTH ALUMINATE CRYSTALS—GROWTH

Crowing single crystals of aluminates of percoshite-type raic curth elements Z, N, Zonn, V A, Ioffe Rost krist 6:122-126 '65

RARE EARTH COMPOUNDS

Akademiia nauk URSK, Instylut zahal'noi ta neorganichnoi Filmii. |Chemistry of rare earth complex compounds| Rhimiia kompleksnykh soedinenii redkozemel'nykh ele-nentov. [By] K.B.IMsimiiskii i dr. Kiev, Naukova dumka, 1986, 403 p.

Men phase in rare earth tellurides of cerium subgroup. A.Eliseev and others Liv. AN SSSR, Neorg. and. 10 12 2241-2245 D 466.

HARE EARTH METAL CRYSTALS-GROWTH

Production and properties of single crystals of rate-earth metals F. M Savitskii and others Howkist, 6:301-301 '65

RARE EARTH METALS

Beh is for of individual i are-earth elements in sulfurictold decomposition of phosphorites E. V. Germogenova. b. A. Samykina. Min.syr'e no 13,83-87 '66.

RARE EARTH METALS—ANALYSIS

Determination of small amounts of terbium, dysprosium, and gadomum in yttrium oxide by luminescent method A, V, Kartakin, L i Ankina L, A, Filatkina, Zhur, anal. bhm. 21 no.10,1106-1200 466.

RARE EARTH SILICIDES

Crystal structures of allicon-rich silicides of rare-earth elements of the yttrium group. E.I. Hindyshevsikyi.

RARE EARTHS

Phase diagrams of systems Nd₂ (WO₁)₃ - Sr WO₁ and NaNd(WO₄)₂ - Sr WO₄ L. 14 Role, V. N. Karpov. A 4 Elfacev. Ley AN SSR. Neargrant 2 no 11 2007-2009.

RARE EARTHS—ANALYSIS

Riabchikov, D.I., and V.A.Riabukhin. [Analytical chemistry of tare earth elements and yetrium]. Analyticheskala khimila redkozennel'nykh elementov i ith iia. Moskva, Nauka, 1906. 379 p. (Serifa "Analiticheskafa khimila elementov")

RARE EARTHS-BIBLIOGRAPHY see Bibliography-Raic caiths

RARE EARTHS-SPECTRA

Spectroscopic study of sensitized luminescence of rare earth ions of ich achiorom anylate crystals. IU. I. Krasilov, IU. A. Pohakov, IU. P. Rudmitskii. Irv AN SSR Neorg mat. 2 no 12 2186-2198. D. 166

RARE GASES see Gases, Raie

RATE OF CHEMICAL REACTION see Chemical reaction, Rate of

RATS see subdivision under Leningrad

RATS-BIOLOGICAL CONTROL

Production and use of bactocourants for detailation, B. P. Ponomarev. Veterinarita 43 no. 1190-91 N 166.

Studying the antigenic structure of bacteria used in detailization N.A. Popov, Veterinariin 13 no. 11, 87-90 N 166,

RAUD, PAUL, 1865-1930

 $\frac{\rm Hinnov,\ Virve.\ Paul\ Hand,\ 1865-1930,\ Tallinn,\ Kunst,}{1966-125\ p\ illus.\ [In\ Estonian]}$

RAW MATERIALS

Obtaining 1-acctyl-1, 2, 3, 4-tetrahydroquinoline from technical 1 av materiol D. F. Kasatkin and others.

Vest Mosk un Ser. 2: Khim 17 no. 5:71-71 S-O *62

RAYON

New methods for the production of high-strength viscose fibers. G Klate. Zhui VKHO 11 no 6:625-636 $^{\rm 1}66$

Recent developments in the chemistry of viscose E Traiber Zhur VKHO II no 6:619-625 '86

Some problems in designing triacetate fabrics. V Kaplanas. Tekst.prom. 26 no.12 16-17 D 466

TSentral'nyl institut nauchno-tokhulcheskel informatsii legkol promyshlemasii. [Efficient methods for the processing of triacetale staple fibers by the fine-combing system of spinning] Ratsional'nye rezhimy per erabeiki trafisetatnogo shitapol'nego volokar po tonkegrebennoi sisteme priadentia, Moskva, 1905. 50 p.

[MICROFILM]

REALISM IN LITERATURE

Akademila nauk SSSR. Institut mirovol literatury.

[Critical realism of the 20th century and modernism]

Kriticheskii realism XX veka i modernism, Moskva, Nauka, 1967. 284 p.

REARRANGEMENTS (CHEMISTRY)

Mechanism of conversions of cycloalkylaromatic com-pounds in presence of H9O4 studied by means of labeled atoms V, G Lipovich, V, M, Kazantseva Zhur org, khim. 2 no. 11 2036 - 2037 N 166.

Réversible valence isomorization. T.V. Domáreva-Mandelishiam, I.A.Diokonov. Usp khim 35 no.7-1324-1343 Jl '60

RECEPTORS (NEUROLOGY)

Adrenoreactive system of the effectors A.1. Cf P. Trimus Trudy LPMI no 32 170-177 '05

Apropos of the localization of conductive pathways of the visceral afferent system in the region of the internal capsule O. G. Baklavadzhian Biul eksp. biol. i med. 55 no. 6;8-13 Je '63

Causes of automatic excitation of the respiratory center in frogs. Z. S. Dontsova, V. L. Biriukov, N. A. Bondarenko. Biul.eksp biol i med. 55 no. 6:34-30 Je '63.

Controversial problems of the structure of interoceptive reflexes. N.IU. Belenkov. Zhur. vys. nerv. deiat. 12 no. 3:418-425 My-Je '62.

Irritation of the mechanoreceptors of the intestinal wall as a cause of dynamic intestinal obstruction. IU. M. Gal'perin. Biul.eksp.biol.i med 55 no 5:45-48 My

Reciprocal relationship of skin mechanoreceptors, T. M. Dmitrievo, A. I. Esakov, Doki AN SSSR 171 no 2:480-494 N '66

Some data on bioelectrical studies of interoceptive reflex reactions in dogs. N.I. Guska. Izv. AN Mold. SSI; no.5;30-36 [65.

Some morphophysiological characteristics of Individual mechanoreceptors (Pacinian bodies). O n. iiVinskti, N. K. Volkova, Doki, AN SSSR 171 no. 2 491-197 N 166.

Study of the irrehantem of chemoreceptors. Report No. 5, Piffect of ten actival monitor on receptivity of small intestine receptors to different chemical stimuli. N. A. 1997. Anikana Bind cksp brol 1 med 55 no 6 29-34 Je 63

RECHTISA (MOGILEV PROVINCE)-DRAINAGE-HYGIENIC ASPLCTS

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RECLAMATION OF LAND

(see also subdivision under Kolkhida Lowland, Leningrad, Tatar A S.S R., Ukraine)

Melioration of land and field crop breeding in northern Kazathetin, V. P. Kuz'min, Scl'khoz, biol, 1 no. 6: 790-796 '66.

[Participation of trade unions in land improvement] Uchastie profsoluzov v melioratsii zemel'. (Moskva) Profizdat, 1966. 46 p. (Bibliotechka sel'skogo profsoinznogo aktivista, no.10(66))

Problems and methods of studying hog and swampy soils in connection with the development of methorative work in the non-Chemozonizone 1.5 Lupinovich 1. N Skrynnikova Pahvovedenie no 12-10-17 D 166

Trade-union cultural organs on the eve of the 30th anniversary of the Great October Neftiantk 11 no 11 18-19 11 66

RECREATION AREAS—DESIGN AND CONSTRUCTION see subdivision under White Russia

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"Saint day of the young," an oral newspager. C. IAI Se-vich Mol komm. no 3 73-7) Mr 15:

RECRYSTALLIZATION

Development of recrystallization lesiures in silicon from component of recrymanization lestures in allicon it on following small and medium deformations. R. A. Adamesets and others. Izv vys, wheb, zav., chern. inct. 9, no. 12 (102-105) (66.

RECTUM-BLOOD SUPPLY

Anatomy of the lymphatic and blood vessels and capillaries of the wall of the human rectum 5 Abdykerimov. Arkhanat., glot lembr 11 no 3:18-61 Mr '63.

RECTHM-CANCER

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Instakov, L.N. [Cancer of the rectum] Rak prilamot kishki. Alma-Ata, "Kazakhstan," 1986, 16 p. (DNI-M)

Prevention of suppurative complications in surgical treatment of cancer of the rectum E.S. Smithova, V. A. Kochetkova, III. L. Rozanov, Khimiglia 12 no. 11-73-76, N. 100.

RECTUM-SURGERY

Computative data on surgical and radiosmigical methods in treating cancer of the rection (LPT oboda, Kiln only, no 1-10-47-455)

RECTUM-TUMORS

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RED SEA-COPEPODA

Copepoda in Sucz Canal, Red Sea, and Gulf of Aden and their occurrence by regions, I' P. Delalo. Shor at X razd prog MGG no 15-137-139 466.

RED SEA-OCEANOGRAPHY

Hydrologic conditions in Red Sea and Gulf of Aden acroading to observations from research ship "Akademik A. Koyalevskii," A.K Begdanova Sbor, st X razd prog. MGG no. 15 46-66 '66.

RED SEA-ZOOPLANKTON

Distribution of biomass in zooplankton in Red Sea and Gulf of Aden in winter of 1961-1962 E P. Delalo. Shor st. X rozd prog. MGO no. 15 131-136 106

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Participation of reductases in reducing disulfide com-pounds in wheat flour N. I. Proskuriakov, D. S. Zueva. Biokhimija 28 no 2:316-320 Mr-Ap 163

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Carb thermic reduction of polymorphous mannim triovide E V. Trachento, V G Vlasov I2 AN SSR Neorg mat 2 no 12 2181-2165 D '66

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Reduction of uranyl vanadates with hydrogen. Wand Shihhua, L M Korta Vest Mosk un Sei 2 Khim 17 no 5 63-85 S O 'b2

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Rinetics of electrochemical oxidation of a-naphibol, anthraquinone, and all attochemical reduction of anni aquinone, and circumental articles in anhydrous acetic acid. S. V. Gurbachev, A. M. Moimov. Zhur. fiz. khim. 40. no. 11-2757-2763. If 166

Wechnism of incomplete reduction of chromic acid, Z A Solov'eva Electrophimita 2 no. 11:1301-1306 B '66.

REED (BOTANY) see subdivision under Danube Delta; Dnieper Delta

REED (BOTANY)-HARVESTING

Technological systems and the justification of the selec-tion of the working part for reed harvesting. L.P. Kormanovalir, Zap. LSkHI 96-294-298 '65.

REED (TECHNOLOGY)

Calculating the cooking time of the recd mass in the "Pandita" type continuous digesti. B, A, Gartshil Sbot trud, UkrNIIB no. 7134-139 '66 Choice of methods for studying changes in the properties

of stray and reed cellulose in the process of sinding M.M. Grinberg. Shot trud Uki NIB in 7-84-92-66, Dependence of the volumetric vegith of reed on its composition and the compression forces. P. F. Detbenton, N.I. Malathova, A. F. Glishankov. Shor trud, UkrNIB no 7-46-54-66.

New plant for reed processing S A Periov Burn prom 37 no 415-16 Ap '62

Use of recd-reinforced concrete in building houses. S Sapozhnikova, I kozhevnikov. Scl! stroi 16 no 11 22 , N '61

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Correlation between the strength of the nervous system and the dimension of unconditioned food secretory 16-flexes L. P Rudenko Zhui vys nervideist 13 no 4 695-698 J1-Ag '83.

Effect of sensitization on proprioceptive reflexes of the skeletal muscle, G.A.Eizina, Pat.fiziol i eksp.terap no,3:35-40 '64.

Posttetanic intensification of the spinal reflexes following deafferentation N.V. Veber, Fizial zhur 48 no 10 1187-1194 O 182,

Reflev nature of the second physiological anticoagulation system, T.M. Kalishevskaia, B.A. Kudriasnov, Fiziol, zhur 48 no.10:1234-1239 O '62,

Then apout ic mechanism of the effect of rescripine in the catatonic stuporous form of schizophrenia. L.1.

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Visceral cutaneous-umbilical (sympathetic) reflex in the diagnosis of acute appendicitis A B, Alley. Azerb med zhur no 8 39-47 Ag '62

REFORESTATION

(see also subdivision under Zhitomir Province) Mechanization in reforestation Inform, blut, VDNKH no 8 4 S '62 Pobedinskii, A.V. [Studying reforestation processes]

Izuchenie lesovosstanovitei'nykh protsessov 12d 2, dop
i perer Moskva, Nauka, 1966 d1 p (DNAL)

REFRACTION, DOUBLE

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Magnesite-chiomite and periciase refractories for the tuyere zone of copper smelting converters P N Babin, A G Shcheglov Vest AN Kazikh, SSR 22 no 12 12-38 D 166

REFRACTORY MATERIALS-HANDBOOKS, MANUALS,

Nippon Taikabutsu Gijutsu Kyokai (Refractories, hand-book Translated from Japanese) Ogneupory, spra-vochnik. Moskva, Metallurgiia, 1967. 190 p

REFRACTORY MATERIALS-TESTING

Effect of thermophysical characteristics on the struc-ture of cast retractories. N Paylushkin, R. Oganlan Prom Arm 9 no 10.41-11 166

REFREGIER, ANTON, 1905-

Create for the people! A. Refregier. Iskussivo 29 no. 11:18-19 '66.

REFRIGERATION AND REFRIGERATING MACHINERY

Badyl'kes, I.S., and R.L.Danilov. [Absorptive refrig-erating machines] Absorbtslomye kholodil'nye mashiny. erating machines | Absorbusionary | Moskva, Pishchevala promyshl., 1966. 355 p.

Develop the technical foundations for the processing of farm produce. Khol tekh. 39 no. 3 1-1 My-Je. 62

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Type 2TK-35 freezer for the production of soft fee cream. N.D Zubova and others Khol tekh, 39 no. 3 32-35

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REFRIGERATOR CARS

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Liver regeneration in munkeys Z. A. Riabining, L. B. Ustina Biul eksp biol. i med 55 no 6:97-101 fc 4

[Stimulation of regenerative processes] Stimulti ovanie regenerativnykh protsessov [hy] Z N Zaprudskair i dr. Moskva, Meditsina, 1966—93 p. (Biblioteka prakticheskogo vrachi) (DNLM)

Use of desexyribanucleic acid, amino acids, vitamina of the "B" group, and ATP for the stimulation of restorative processes in animals with myorardial lesions, 19.3 Cherhalin Trudy inst, hn N V Skilf 7 254-260 *63.

REGENERATION (BIOLOGY)—CONGRESSES

Conference on regeneration of organs and Handra in animals, I.V. Polezbaev - Usp sove biol, 62 no + 450-455 N-D PCC.

REGUNERATION (HOTANY)

Effect of soil conditions on the capacity of the root system of full plants for trapeneration [1, 1, Kantvets, Porhy, 191, 1 effek udob. no. 1 75-83 463.

REGGE TRAJECTORIES

Theory of nonlocal separable potential (O, V Rokhlerko Ukr. fiz., zhm. 11 no. 11 1208-1214 N 166.

REGIONAL PLANNING

(see also subdivision under Novotorzhskiy District; Ukraine)

Use of mathematical mothods in regional distribution of buildings in a school complex to K Sarkisov Streft anklift Uzb 7 no 11:34-37 N 466

REHABILITATION

Rehabilitation centers for the disabled persons, V.P. Barybin Sots obcsp 12 no. 12 1-8 D '66,

Technique for obtaining corebrospinal field from rein-deer, V.S. Fedotov, Viterinariia 13 no. 17:64-65

REINDEER-DISEASES AND PESTS (see also subdivision under Yakutta)

Experimental loroplasmosts in reindect. V. V. Kelyelev. G. N. Kononov, E. S. Karamovskii Veterimarila 13 no. 11:42-45 N 186.

Fibi ocystoris of the nervous system in reindeer, A. Kilmontov. Veterina iin 43 no 12:12-44 i) the.

Testing the larvicidal effect of tricklorometaphoses in the Hypoderma infestation of reindeer. A A, Nepol lone r P.I.Briushinin. Veterinarija 13 no.1 57-58 ja *67

REINFORCED CONCRETE

Coordinating conference on the use of built-up reinforced concrete in hydraulic structures. N.V.Razin. P.G. Staritskii. Gid. strol. 33 no.7:59-80 Ji 483.

Manufacture of reinforced concrete bridge alements at an open-air site. B. V. Klochkov, V. P. Koriakov, I. V. TShrupa, Fransp. stroi, 11 no. 11,23-27 N '61.
Reinforced concrete roofs for steam chambers, 7: nasp. stroid 11 no. 12,523 N '61.

stroi, Il no, 12:53 D | 61,

REINFORCED CONCRETE CONSTRUCTION

Blocks of houses from mesh-reinforced lime concrete, V. Ulazovskii. Na stroi, Ros. 4 no. 10; 24-25 O 153, Buildings with yielding structure for conditions of construction on sagging soils. D. Shaptro and others. Zbil, strot. no. 10:13-16 460.

REINFORCED CONCRETE CONSTRUCTION (Continued)

Calculating bearing capacity in two mutually per pendicular directions of reinforced concrete at uctural cir ments in unsymmetrical bending V N Barkov Bet i zhel -bet 12 no 12 35-36 D '66

Cunsolidated easting and assembly of reinforced contracte panels for outside surfacing of buildings at construction of Moscow (Cirvision station VIII) kin Z II stroi no 12 27-28 '66

Flaments made of mesh-reinforced concrete. Self. stroit 16 no. 11 30 N 461

Installation of armored panel structures, G.14. Alasius, Freng, stror, no $8^{19}6^{-3}0^{-1}66$

Fierg. strot. no strot of Makharadze, M.N. (Sectional reinforced-concrete supports for horizonial workings) Shormaia zhelezobetonnaia krep' dila gorizontal'nykh vyrabotok. Moskva, Nedra, 1966 93 p. chuis (insert)

Monufacture of a mored panel structures. A. A. Adamen-Foy, Pace g. strot. no. 8;21-26 466

Perfecting assembly of precest foundations under columns of main building of thermal electric power station.
V.I. Ploshikh, Ive vys. ucheb. 'av , stroi, i arkhii,
9 no 8 84-90 '66.

REINFORCED CONCRETE CONSTRUCTION—FORMWORK Dovzhik, O.I., and V.B. Ratinov, [Efficient lubricants for forms in the production of pregnat reinforced concrete] Effektivnye smazki dlia form v proizvodstve sbornogo zhelezobetona. Moskva, Strolizdat, 1966. 137 p.

REINFORCED CONCRETE CONSTRUCTION-STUDY AND TEACHING

AND TEACHING

Chaputina, L.A. [Methodological instructions for carrying out the second course project on reinforced-concrete structural elements] Metodicheskie ukazanita k vypolmenitu vtorogo kursovogo prockla po zbelezobetomym konstruktsilam 2.perci.lzd Riga, Zvaigzne, 1966 35 p

REINFORCED CONCRETE CONSTRUCTION-TESTING

Mathods of testing reinforced concrete rod holting, V. M. Rogmekli Gor, zhur, no, 11:40-41 N 166,

HEINFORCED CONCRETE PRODUCTS

Calculating reinforced concrete slabs considering thrust and shifting of supports. IA S Fain. Avt. doi: 20 no. 11.24-25. N. 66

REINFORCEMENT IN CONCRETE see Concrete te-Liforcement

REITER'S DISEASE

Reiter's syndrome, a case report A. A. Antonov, E. L. Fridman Vest. down iven 37 no 3:71-73 Mt '63

RELATIVITY (PHYSICS)

Philosophical problems in the theory of relativity and relativistic cosmology. F. M. Kanak, RU B. Molcha-nov. Vop. filos. 20 no 12/139-141 /66

Palsating collapse (nom standpoint of external observer M 1' Gertsenshtein IU M. Aivazian Zhur ekspriteor fiz 51 no \$ 1405-1412 N '66

ties of methods of the general theory of relativity in studying the trajectories of long-period comets T.V. Avertianova, K.P.Staniukovich Astron thus 13 rat 6,1301-1305 N-11 '66.

RELIGION-BIBLIOGRAPHY see Bibliography-

RELIGION-CONTROVERSIAL LITERATURE

Kozan, IU. M., and B.S. Rabbet, comps. [50 words on faith and unbellef, thoughts and aphorisms] 50 slov o tere i neveril; mysli i aforizmy Moskva, Zaanie, 1966.

RELIGION AND COMMUNISM see Communism and religion

RELIGION AND SCIENCE

New trends in the attitudes of Evangelical theology and Catholic theology to present-day natural sciences, Olof Mohr. Vop.nauch.atelz. no.1;382-399 '66.

RELIGIOUS PSYCHOLOGY see Psychology, Religious

REMOTE CONTROL

(see also subdivision under Fergana Valley; Khabarovsk Territory)

Automation block for group units in gas condensate fields. B. A. Kryzhenovskii, IU. P. Dorofeev. Mash. i neft

B. A. Kryznanovskii, IU. P. Dorofeov. Mash, i neft obor. no. 9:25-31 '66. Change in control scheme of gas cocks in contrilugal supercharger manifold. V. To, A. M. Smollak. Gaz. prom. 11 no.11;24-25 '66.

prom. Il no, Ili24-25 'uo,

Il'in, Y.A. [Romote control in the national economy]

Telemekhanika v narodnom khozinistve, Moskva, Znanic, 1967. 54 p. (Novoe v zhizni, nauke, tekhnike,

XIV Seriia: Radioelektronika i svinz', no. 1)

Institute avtomatiki i folomekhaniki (tekhnikeiskoi kilornetiki). [Problems of engineering cybernetics] Voprosy tekhnicheskoi kilornetiki. Moskva, Nauka, 1966. 133 p.

Interference rejection of remote control instructions transmission in system with inquiry. B.1A. Sovetov. Avtom, i telem, no. 12;126-130 '66. Krechetovich, N.N. [Remote control] Telemekhanika. Minsk, Vysshaia shkola, 1965. 118 p.

Mechanization of mold filling with remote control 1A M. Ryvii. Lit proize no 12 14-15 D 466.

Overall automation of a beneraft, K. Naidenko, Rech transp 21 no 7 22-21 JI 162

Photometric threshold level indicator. L. G. Ullianov, A. G Baev, Mash. 1 neft ober no 9:33-36 466,

Remote automatic control of the drive of the ship's generator V N Amonov, M D.17ak Sudostroet 56 no 11 27-31 466

Remote control of mine electric locomotives, N.1. Shulin, G. P. Oat, E. S. Guzov. Gov. zhui. no 11 55-58 N 166

Remote control of service station fuel filling columns P B. Ivanitskii Transp. i khi an nefti, i nefteprod

P. B. Ivanitskii Transp. 1 km an nem. 1 nettepsed no 10 21-31 '66.
Smantser, A.I. [Overall automation of the power plants of river steamboats] Kompleksnaia avtomatizatskia silovykh ustanovok rechnykh parokhodov Moskva, Transport, 1966, 144 p

RENAL ARTERY—ABNORMETTES AND DEFORMETTES

Anomalies of renal vessels and kidney transplantation; anatomical study B.P. Komissarov Trudy 1-go MMI 49-119-124 '66

RENAL ARTERY-SURGERY

Experimental alloplasty of the renal artery A, V, Nikolacy, A Z Troshin Trudy 1-go MMI 49:129-135 16h

Indications to surgical treatment of renovascular hypothension V S Krylov, L. B. Edel'man Khiturgiin 42 no 11 17-22 N *66.

Phastic sungery on the renal artery using a venous auto-transplant A V. Nikolaev Trudy I-ga MMI 49:136ti ansplant 142 | 66

RENAL HYPERTENSION

Indications to surgical treatment of renovascular hypertension V S Krylov, L B Edel man Khirmiglia 12 no 11 17-22 N '68

RENIERITE-METALLOGRAPHY

Xaray study of renierite, 13, Kh. Khurshudian, S. V. Gevorkian, Dokl AN Arm SSR 35 no. 2:71-74 162

Replin and the function of kidneys. IU A.Serebrovskaia Pat. Griol i eksp ter ap. no. 3;87-92 '61.

RENT see subdivision under Mordovia

RENT (ECONOMIC THEORY)

Differential rent on the collective farms of the Mordovian A.S.S.R. G.K. Lukin Uch, 2ap Mord, gos, un. no. 48, 50-63 165.

Methods of accounting for natural conditions in the mining industry. F. Poginskii. Trudy Elon, fak, Kir, gos un no, 1 62-67 '61,

REPAIRING-PRODUCTION STANDARDS

[Establishing technical nor us in repair shops] Tekhni-cheskoe nor mirovanie v 1 omoninykh masterskikh Ed 2., lspr i dop. [By] I.I. Pustovalov i dr. Moskva, Kolos, 1965—391 p

REPORTERS AND REPORTING

Kozhevnikov, G.A. [The party as the organizer of work-ois and iural correspondents movement in the U.S.S.R., 1917-1937] Partita - organizator rabsel'korovskogo dvizhenila v SSSR, 1917-1937. [Saratov] Izd-vo Sara-tovskogo univ., 1965. 210 p.

REPORTS, INDUSTRIAL see Industrial reports

REPRODUCTIVE ORGANS see Generative organs

RESEARCH

(see also subdivision under Buryat A. S. S. R : Canada: Siberia; Soviet Far East)

Friendly cooperation of the historians of science and psychologists in studying the creative work of scientists and scholats. M. G. Grigoriev. Vop. filos. 20 no. 12 144-116 166.

RESEARCH, INDUSTRIAL

(see also subdivision under Lyoy Economic Region; Moldavia)

Laboratories for special branches of industry in the institutions of higher education, V.V. Maloshuk, N.T. Pribytkovskala. Vest. vys. shkoly 24 no. 12:11-13

Let us develop the cooperation of institutions of higher education with industry, 1. A. Grishmanov, L. S. Glikman, Vest. vys. shkoly 24 no. 12:3-6 D 166.

Science, production, problems, L. Akhmazarov, Prom-Arm 9 no.10.10-12 166,

RESEARCH, INDUSTRIAL—INFORMATION SERVICES see subdivision under Ukraine

RESERPINE

Preoperative preparation of thyrotoxicosis patients with resorpine. C. M. Gurevich, I. S. Mastbaum Problemdok i gorm 9 no.1:60-62 Jn-F 163

The apoutic mechanism of the effect of reserpine in the catatonic stuporous form of schizophrenia. L.I Dmitriev Zhur, nevr i psikh 63 no 1:103-107 463.

RESERVOIR SEDIMENTATION

Methods of determination of the degree of destruction of organic substances in the ground deposits of deep reser-voirs. M.E. Cambarran Mikrobiologia 31 no 5,895-888-8-0 '62

RESERVOIRS

Accuracy of altitude measurement in the design of reservoirs G.F.Glotov. 17v vys.ucheb, 2av .geod. I aerof no 3:11-20 '62.

Can we reduce the requirements for stability in the design of equalizing reservoirs N.A. Kartvelishwill Gidr stroid 33 no 7 31-34 JI 163 Construction of dispatcher graphs for reservoirs of

hydroelectric power stations with long term regulation E, V, 18vetkov, B, P, Kosorotikova Trudy VNIIC no. 22;91-111 165

RESIDUAL STRESSES

Heat resistance of steel and practical problems of its heating and cooling solved on this basis, S.G. Golovanov, Ruz. - shtam. proizy, 8 no. 12-35-10 D 166.

Increasing the durability of parts by originating residual streams in burnishing, D.D Papahev, Vest mashing to 16 no. 12(19-21 D 166

Residual stresses in articles caused by machining. M.F. Semko and others. Vest, mashinestr. 16 no 12 49-49

Transverse contraction of aluminum alloy sheet struc-tures. A.JA. Nedoseka, G. P.Kozulin, V. P. Moiseenko. tures, A.IA. Nedoseka, G. P.Kozulin, V. P.Me Avtom, svar. 19 no. 12-22-25 N [i.e.D] 66.

RESIDUAL STRESSES--MEASUREMENT

Device for measuring the magnitude of residual deforma-tion in compression springs. M.P. Biriukov Prom Bel 9 no.12 25 11 166

RESINS see Gums and resins

RESINS, SYNTHETIC

(see also subdivision under Armenia)

Peanomic efficiency of the manufacture of synthetic lacquet tesins in the Ukraine, V N Sannykov. Khim prom [Ukr.] no 3 71-77 JI-S '62

Glass textolites with a base of nitrogen-containing fin al-dehyde resins A.L. Peshekhonova and others. Trudy MKHTI no 42:146-150 '83

Glue for inserting blocks in covere made of polyvinyl chloride plasticized rusin M. Gutnik Poligi protzy no 9 29-30 S 163

Polyester binding agents for glass plastics, S. 1 Omel-chenko and others. Khim prom. [Uki] no 3:5-9 JI-5 162

Properties of combined polyamide and phenol-format-dehyde refins, L. N. Marchenko, N. S. Sorokina, M. P. Kotov I v vys ucheb, zav., tekh, leg prom no 5 10-23 *66.

Radialion copolymerization of polyglycotmatente resins with styrene N.G. Videnina and others. Plast massy no. 12,6-7 166

Radiation-induced polymerization of unsaturated polymeter realiss without monomers S I Ome Peliciko and others. Khim prom Ukr. no 6 1-3 N-D '66 Velocity of the gel formation of polyester resins. L. N. Sedov Phast massy no 12 16-18 166

RESONANCE

Double electron-nuclear resonance of F-centers in KCl. M F Deigen and others Zhur eksp i teor fiz 51 no 4:1014-1022 O '66.

Moskovskii inzhene no-fizicheskii institut. [Interaction between radiation and matter] Vzalmodeistvie izluchentia s veshchestvom, sbornik statei. Pod red. A I Alekseeva. Moskva, Atomizdat, 1906. 175 p. Interaction

Ob'tedinemyl institut iadernykh issledovanti. Laborato-riia neitronnoi fiziki. (Neutron resonances of erbinn isotopes] Neitronnye rezonansy izotopov erbita. [By-E.N. Karzhavina, A.B. Popov, IU.S. Mzyltskii. Bulna, 1907. 33 p.

Resonance parametric interaction of strong optical frequency fields G. L. Gurevich, IU. G. Kinconopulo Zhur ckep i teor fiz 51 no.5;1499-1509 N '56

RESONATORS

Determination of the speed of ultrasound in a substance by the method of a composite resonator, G. A. Hunitskit, V. V. Tarasov. Trudy MKHTI no. 41:10-13 163.

RESORCINOL

Effect of the medium on orientation in ago coupling. Part 2: Coupling with resorcingle L. N. Ogoleva, B. I. Stepanov Trudy MKIIII no 42:40-52 63

RESORCINOL—THERAPEUTIC USE

Results of treating tichocophaliasis with heptylresorcinal, tesuits in training tenicophanasis wan neptyresercind, heptylresercind combined with methylene blue, and heptyle sercind with cygen, an abstract. E. I. Agniashvili, G. I. Loladze. Med. paraz i paraz. bol. 31 no. 5:614 S-O '62.

RESPIRATION

- Abramovich, K.G. [Functional diagnosis of cardiopul-monary insufficiency in pneumoconlosis, trethods of examining functions of respiration and blood circulation in patients with pneumotoniosic] Funttsional maia diagnostika legochno-seadechnoi nedostatochnosta pri pnet mokoniozakh, metody isstedovania funktsii dykha-nii: i kiovoobi ashehemia u bol'nykh pneymo-omiozami, Mostva, Meditsma, 1966. 82 p. (Biblioteta prakli-enestoso viachi) Coeslogo vi DNLM)
- Cruses of automate e citation of the respiratory center mitugs 7 5 Dontsora, V.F. Bu inkor, N. V. Honda-renko Bull chap biol i med 55 no 6:34-30 Je
- Changes in respiration and oridining phosphor, lation in disante of skelet il musch a in Karltaminosis I. I. Mature and others. Vop med khim 12 no.6 613-618 N-D '66
- names in () state of , $\rho_{\rm c}$ of respirator , conditioned (csponse and respirator) (cartons to the action of CO2 folloring the administration of aromazine [IU, N, Ivanov, I | Nerralko | Zhen v, sincry detail 13 no 4+6*0-685 J1-Ag 1 63 Changes in the stereot, p. of respirator, conditioned is-
- Characteristics of external respiration during muscular fork under Industrial conditions D. A. Katsnel'son, V V Rozent lat Fiziol there 48 no 10 1219-1224 O '62
- Litect o ganglions blockers agents on some indices of block circulation and respiration V. M. Vinogrados and others. Theper blin ranget 8 no onless N-D '63
- Fficet of polsons inhibiting glicolytic phosphor lation on respiration in 1095 | 5 V Osipova | Trudy LPMI respiration in 11 005 no 32 117 110 165
- Effect of the compensation of excessive intrapulmanary pressure on the oxygen tension in brain tissues during ascents to great heights F A, Kovalenko, F, V, Bobchinskit, Fiziol 7hur 48 no 10 1203-1208 O '62 Effect of various physical loads on gas exchange in frightnd dogs. I V. Bowlarenko Vop radioblot. 4 140-119 461.
- Gas exchange in obese animals following introduction of the pituitar preparation adiposin. N. A. Isichenko the priniter preparation adiposin NA Isiche Problemble i gorm 4 no 139-44 Ja-F '63
- Laws of search and control in the respiratory act, Tenenhaum, Autom i telem, no 11 127-137 '66
- Method or simultaneous recording of pulse, frequency, and relative depth of respiration in small animals. O Monastyrskii A V IAkimento, V N Burmakin. Zool hur 45 no 11 1742 -1743 '66
- Respiration of mutants from the germs Aspergillus grown under the influence of ultraviolet rays. R N Grebeshova Mikrobiologita, 31 no 5:838-843. S-O 462.

RESPIRATORY ORGANS-DISEASES

- Pathogenesis of chronic inflammator; diseases of the respiratory organs. V. V. Dubrier. Sor med. 26 tto 3
- (DNLM)

RESPIRATORY ORGANS-FISHES

Materials on respiration or young pink and chum salmon in different environments LA Galkina LE, Pozdnia-kova Trudy MMBI no 12:76-83 166

RESPIRATORY ORGANS-MICROBIOLOGY

- Methods of prepuling high-potency scrums against some respiratory viruses L. P. Maiorova, F. S. Noskov respiratory viruses L. P. Maiorova, Vop virus II no 5 600-601 S-O 166.
- Spicading of respiratory viruses among children in 1848-1956 V V Ruova V M Zhdanov, E.1 Schashivi Vop 1743, 11 no 5 554-558 S-O '66
- Virological stud, of the importance of respiratory virus infections in mothers for the pathology of fetus and newborn child V V Bitors and others Vap virus 11 no 6680-681 N-D '66

RESPIRATORY ORGANS-TUBERCULOSIS

Tuber cutosis of the respiratory tract in run at residents F G. Belosliud Soy med 29 no 12 36-39 D '86.

- Changes in higher nervous activity in students of junior classes of boarding schools during the day and the effect of active rest in form of lively play and physical exercise A. A Guzhalovskii. Zhur vya.nerv.denat. 12 no 3 465-471 My-Je '62.
- Effect of 3, 4-dintirophenol on the resynthesis of phosphocreatine and glycogen in the muscles during the period of rest after work. N.R. Chagovets, Fiziol zhut 48 no.10 1260-1264 O '62
- What hinders relaxation in a microdistrict? IU Lebedev, Sov.profsoiuzy 22 no. 23:31-32 D 166

REST PERIODS

Time of relaxation. Prom. Arm. 9 no. 10-81-82 466.

RESTAURANT MANAGEMENT

Sadikov, I.N. [Regulation of public eating facilities]
Regularovanie obshchestvennogo pitanila, Moskva,
Ekonomika, 1966 159 p

- RESTAURANTS, LUNCHROOMS, ETC —AUDITING AND INSPECTION
- "Prother to ists" surprise inspection A. Stytsyn Sov potreb boop 10 no 12 17-18 D '66
- RESTAURANTS, LUNCHROOMS, ETC. -- MANAGEMENT set subdivision under Petrovskoye District

RESTAURANTS, LUNCHROOMS, ETC -PRICES

Kosinchento, S.G. [Costs and prices for products of public dining, study matter] Sebestotmost' i iseny produktsii obshchestvennogo pitanila, uchebnyi material Pod red. V A Bunimovicha Moskva, In-t narodnogo khoz , 1962. 34 p.

RESUSCITATION

- PLEOSCITATION

 Figuria period and during respectation following the agent period and during respectation following clinical death III, M. Lee in Bird chap, blot I med 55 no 5: 33-36 Mr. 763
- Results of the restoration of the contractile activity of the human heart after death IU, S Chechulm Trudy Inst im N.V. Sklif 7 260-268 '63

- [Regulations for the work of trading concerns and for the sale of goods] Pravila Inboty in govekh pi edpi ifatti i pi odarbii tova, ov., sboi nik noi mativnykh materialov Izd 3, peici Moskva, Ekonomika, 1965 509 p. (Mii-L)
- Second year of the five-year plan. Kiskovoroda Sovierg. 40 no 1:2-5 Jn 167.
- [Trade abroad] Torg, za rub. no.12 D +66; no.1 Ja

RETAIL TRADE --- ACCOUNTING

Centralized accounting offices in trade. - A. lAmryshko, I. Belobzhetskii. Bukhy, uchet no. 11:7-15 N '66.

RETAIL TRADE-FINANCE see subdivision under

RETAIL TRADE—PRICES

influence of retail prices on the structure of the population's demand. B IA Davidovich. Trudy INLH no 38:17-39 105

RETAIL TRADE-STATISTICS see subdivision under United States

RETAINING VALLS

- Relation between dislocations and streams on points of vertical face contact of prism of granular soits. A h. vertical face contact of prism of granular soits. A.K. Bugiov Izv.vys, ucheb zav., strot.i arkhit. B. no 9; 35-43 166.
- Use of Golushkevich's method for entending retaining walls with relieving stabs. P 1.1Akoviev. Izv.vys. ucheb.zav , strol.i arkhit 9 no.9;28-35 '66.

RETICULOENDOTHELIAL SYSTEM

Effect of single and repeated tetracycline introduction on the phagocytic function of the reticuloendothelial system. N A Kalinino, G IA Riyman Biul. eksp biol i med 55 no 5:84-87 My 63

Combined effect of Y and light rays on the retina. B.P. Kalashnikov. Vop. radiobiol 4:76-85 '61.

RETROPERITONGAL SPACE—DISEASES

- Acute inflammatory processes in the retroperationeal space in children. S.B. Voskoboimkova Azerb, med. zhur. 40 no.4:54-59 Ap '63.
- REVOLUTIONISTS see subdivision under Komi A.S.S.R., Siberia
- REVOLUTIONETS, WHITE RUSSIAN—CORRESPONDENCE, REMINISCENCES, ETC.
- Simonchik, F.y. [In the fire of three revolutions; memoirs of an old Communist] V ogne trekh revolutish, vospominantia starogo kommunista. Minsk, Belarus' 1964 78 p. (CSt-H)

REVOLUTIONS

- Development of the theory of the revolutionary situation by V I Lenin, P Bachinskii, M. Konovalov. Komm. Ukr. 4! no. 1 27-35 Ja 167
- The nature of national liberation revolutions. N.A. Simoniia Nar. Az. 1 Afr. no. 6.3-21 186.

REWARDS (PRIZES, ETC)

Conditions of all-Union competition. Put' i put, khoz. 10 no. 8,39 '66.

RK FACTOR

(see also subdivision under Moscow)

Transfusion reaction related to anti-hi antibodies. A.G. Bashlai, Probl. gemat. (perel, krovi 8 no. 2:58-59 F 163,

RHAMNOGLUCOSIDES

Kaempherol-3, 7-dir hamnoside from the leaves of warty-bark spindle tree N. V. Sergeeve Rast. res 2 no 4: 536-539 '66

RHENIUM

Separation of small amounts of thenium and thingsten by means of zir commun hydroxide, V.I. Plotnikov, V.I. Kochetkov. Zinn anal Phun. 21 no 10 1260-1265 166

RHENIUM-SPECTRA

Spectrum of 49 Re conversion electrons in region (1) 22-750 Kev. V. A. Ageev and others. Lev AN 585R, Sci-ft. 30 no.12 2047-2049 D 466

RHEOLOGY

- Gershkovich, B.M. [Floating cone plasfometern be-vices for determining the properties of building plus-tics, from materials of the All-Union Scientific and hetics, non-match and of the All-Union Scientific and Research Institute of New Building Materials (Williasti)]
 Poplavisovye komuniye plastometry: Pribory diltropredients avoists stroitel hyb plastmans; no match il trait Vsesoiuznogo nauchmo-isaledovatel'skora instituta mayykh stroitel hykh materialov (WNINSM) – Meskra, Stroitzdat, 1965 – 16 p. (Novosti stroitel'noi tekhniki SSSH)
 [Microfilm]
- Regulating the abcological properties of polystatene N N Samosatskii, V A, Shvebenko N V Gabula Plast massy no. 12 38-10 466
- Rheological properties of polymer mixtures M. A. & do... E Khi Dzhagarova Vysokom soed B no 19/18/35-1911
- Rheological properties of solutions of semicoliald acid dyes M.N. Kasimova, F.M. Aleksandrova MKHTI no. 41 48-41 463.
- Some theological properties of solutions of polyvinyl alcohol mixed with polyactylic acid. 17, P Pimon at a and others Khim, prom. Ukt. on 6,3-8 N-D 466
- Structural and mychanical properties of aqueous dispensions of bentonites and influence of quart, mand additions of different dispensity on these properties Kh Khodzhaeva, N.N.Serb-Serbina, P.A.Rebinder Koll zhur. 28 no. 6 884-899 N-D 156.

RHEOMETERS

Studying space and time distribution of auroral fibriuption based on observations made by network of the meters in Arctic regions. V M. Driatskii. Greunag 1 acr 6 no. 6 1961-1070 N-D 166.

RHEUMATIC FEVER

- Changes in the blood vessels of the eye in the until to the T I TSuker slitein. M IA Samulevich Sov med 25 no 3 106-108 Mi 463.
- Effect of hormone therapy on merphology of adventi-cortex in theumatic fever [1,1] Atuin, Trudy 1-year MMI 43:24-33 '65
- Symptomatology of the interpatoxyamal period of themmatic fever in comparison with the symptometalogs of other phases of the disease II G Mirlin Sovered 26 no 3/94-98 Mi 163

RHEUMATIC HEART DISEASE

- Clinical aspects of themmatic fever in children of pac-school age A. R. Abdullacy Azerb, med zhu. 10 no 9-36-13 5 '63
- Some laboratory data for the diagnosis of the active physic of visceral theamatism. O.1,6,1a7ova and othern Tendy inst. im. N. V. Sklif. - 7 212-216 | 163.
- Terminal phase in patients with rheumatic defects of the heart R.O. Kushkii, M. M. Miniovich im N.V. Sklif 7:216-220 63

RHEUMATOID ARTHRITIS see Arthritis, Rheumaloid

RHIZOSPHERE MICROBIOLOGY

- Effect of wheat rhizosphere bacteria on soil actinomy cetes. Mikrobiol, zhur. 28 no. 8:16-27 '66,
- Microflora in hydroponic and soil cultures of tematers R. M.Uliashova. Mila chiologia 35 no 5:071-877

RHODESIA---POLITICS AND GOVERNMENT

The Rhodesian Issue at the United Nations. N. T. Fe brenko. Nov vrem. 25 no. 3 14-16 Ja 167.

RHODESIA-RACE DISCRIMINATION

The Rhodesian issue at the United Nations. N.T. Fedre ienko. Nov. viem. 25 no. 3-14 l5 Ja 167.

RHODIUM COMPOUNDS

- Divalent rhodium acetates. L. A. Nazarova, I. I. Cher-niaev, A. S. Morozova Zhur, ngorg, khim. 11 no 11 niaev, A.S. Morozova 2583-2586 N 'G6
- Divatent rhodium formates, I.I. Cherniaev and others. Zhur, neorg, khim 11 no. 11 2575-2582 N *86,

RHODIUM COMPOUNDS-SPECTRA

- Complex rhodium sulfates of highest oxidation degree S.I. Ginzburg and others. Zhur, neorg, khim. It no. R 2596-2602 N '96.
- Infrared absorption spectra of complex rhodium sulfate, O. N. Evstafeva, N. N. Chatisova, S. I. Ginzburg Zhu, neorg, khim. H. no. 11:2587-2595 N. 166.

RHODODENDRON

(see also subdivision under Moscow; Ukraine) Ursenic acid from Rhododendron lutem Sweet. 17. T. Oganesian Rest. res. 2 no 4:516-517 [66].

RHODOPSE UDOMONAS

Studies on the products of assimilation of carbon (11 by Rhodopseudomonas insatelienkoj i cliet bacteria N G Domun, A, K Romanova, Z A Terentieva Mikrobiolo-giia 31 no 2:193-198 M: -Ap '62

RHODUSITE see subdivision under Dzhezkazgan region (Kazakhstun)

RIABCHIKOV, PETR IVANOVICH, 1891-1966

Petr Ivanovich Riabchikov; obituary. Okeanologiia 6 po 5.923 '66.

RIABUSHKIN, ANDREI PETROVICH, 1861-1904

Masalina, N.V. Andrei Peirovich Riabushkin, Me-skva, Iskusstvo, 1966 117 p. illus

RIAZANTSEV, SERGEI NIKOLAEVICH, 1906-

Sergei Nikolacvich Riazantsev, on his 60th burthday I V Nikol'skii and others Vest Mosk un Sci 5 Geog 21 no 6 416 N-D 466

RIBOFLAVIN

Flavinogenic activity of various Candula yeast species G.M.Shavlovskii, G.P.Kshemmakara, I.N. Icrek Priftl biokinin, i mikrobbil 2 no 6 649-651 N-D 166

Photocolor in ctric determination of a fboflavin in pharmaceutical preparations A. M. Allev no 1,49-53 Ja-F '63

Tetassium role in radiosensitizing action of riboflavin St Grigorescu. K Nedelcu, M Nastale Radiobiologiia 6 no 6 819-821 466

RIBONUCLEASE

Conditions of the formation of an artificial complex of ribonuclease with decays ibonucleic acid R N Kopy-loca-Svirodova Biokhimita 28 no 2 353-380 Mr -

RIBOSE

Relationship between properties of tRNA, acceptated seconding to 21-hydroxy groups of ribose, and medification degree D G Knorre and others Brokhimin 31 10 6:1181-1188 N-D '66

RIBOSOMES

Effect of deoxystreptamine-containing antibiotics on protoin synthesis in a cellular systems and on the dissociation of 70% thosomes in the batterial cell 1U Sarykin, V I Afonin Antibiotiki II no II 087-992 N 166

Ribosome apparatus and its possible role in adaptive cell activity A N Studitskii Usp sovi biol no. 3 315-382 N-D 466

Structure and chemistry of cell nucleus as organoid of cellular ribosome synthesis IU S Chentsov Usp sovi biol, 62 no J J21-J11 N-D 166

(see also subdivision under Kuban, Ukraine)

Role of azotobacterin in the formation of rice crop.

Sh. T. Shende - Trudy Un, druzh, nar - 13, Sell'khoz, nauki Sh T. Shende Tu no. 1:125-131 488.

RICE-FERTILIZERS AND MANURES see subdivision under Vietnam, North

RICE-IRRIGATION see subdivision under Kazakhstan

RICKETTSIA

Study on the effect of pyrazolidine on Rickettsia prowazekii in viti o and in the carrier is body G. M Dutova Zhur mikrobioi , epid i imman. 33 no.6:117-119 Ja '62

RICKETTSIAL DISEASES

Chri acteristics of oxidative metabolism in animals in ricketisial interiention L.P., Zubok. Blokhimila 28 no 2:265-271 Mr-Ap ¹63

Tick thipice phalus sanguineus Latr.. as a carrier of Merseilles fever. E. A. Kliushkina Zhur mila obiol epid 1 mmun 43 no.11:146 N '66.

RIGA-MOTORBUS LINES

Million kilometers is not a limit. Avt transp. 11 no. 7

-PUMPING MACHINERY-MAINTENANCE AND REPAIR

Goncharenko, G.K., G.A. Fomenkov, and I.K. Davydov, Repair of gean pumps, work practices of the "Stare" Plant in Rigal Remont shestonenchatykh nasosov; iz cpyta raboty Rizhskogo zavoda "Stara." Moskva, Bluno tekha, informatsit i reklamy, 1905. 28 p. [MICROFILM] [MICROFILM]

RIGA-TELEVISION BROADCASTING OF NEWS

"Yesterday, today, and tomorrow," R. Malysheva, Sov, radio i tel. 8 no. 3:8 '59.

TIGA-TRANSIT SYSTEMS

Slede, E. [Tomorrow of the public transportation of Riga]
Rigas sabledriska transporta ritdiena. Riga, Liesma, 1965. 90 p. [In Latvian]

DIGHT OF PROPERTY see subdivision under Egypt

RIGOR MORTIS

Firect of calcium chioride and magnesium sulfate on the rate of rigor mortly S. V. Osipova Biul eksp. biol i med 55 no 5,82-84 My 463

Participation of hevokinase reaction in the effect of corthods and insulin on the rate of rigor mortis of the skeletal muscles 1 V. Moreva Trudy LPMI ne 32 96 - 102 '65

RING FORMATION (CHEMISTRY)

Cyclization of acetylenic hydrocarions and their derivatives V O Reikhafelid, K J5 no 7 1204-1231 J1 166 k L. Makovetskii Usp khim

Macrocycle compounds. Part 5: Directional inner-mole-cular cyclization of α ω-acctyline derivatives E.P. Zinkevich, I. (s. Sarycheva, N. A.Peobrazhenskii Zhur org. kinn 2 no 11 2021-2025 N '68

RINGS (ALGEBRA)

Operator rings in space with indefinite metric. R S izmagalov, Dokl MN 888R 171 no 2 268-271 N to

Subgroups of rings without zero divisors. A.F. Zales-skii Dorf AN BSSH 10 no 10,728-731 O 666

RINGWORM

Prophylavia and therapy of ringuotm. P. A. Koleani-om. Veterinarila 43 no. 12:30-31 D '66.

Role of soil derimatophytes in the ctiology of trichophytosis in cattle T. P. Pubelintsova. Veterioariia 13 no 12 29 D 166,

RISERS (FOUNDING)

Design of tisers with isothermal coatings A. A Brechko, IU.D Konstantinov Lit product no 12 34 D '56

RITES AND CEREMONIES see subdivision under Mordovia, Ukraine

(see also subdivision under Kamchatka, Transcaucasia) Small river problems | G. L. Plin. | Priroda | 55 no. 12;

RIVERS-CLASSIFICATION

Classification of the mountain rivers based on the indications of underground water nounces. I G Glukhov vys ucheb zav "geol i 127. 6 no 6131-132 Je 163

RIVETS AND RIVETING

High-strength bolts prevent derangement of rivets and clack formation. G. K. Pygrafov, V. O Osipov, Puti i put, klioz 10 no. 8 26-28 466.

ROACH (FISH) see subdivision under Shaksha, Lake

ROAD CONSTRUCTION

(see also subdivision under Bryansk Province; Crimea, Erivan: Kazakhstan, Moscow)

On the eve of the great anniversary | Avt. dor | 29 no 11° 1° 2 N | 166

Road news. Avt. dor. 29 no. 11 32 N 166

Stability of earth roadbed in case of an unsecured runoff.
V.I Ruvinskii Art dor., 29 no 11 23-24 N 466

They write to us, Transp stroi. II no. 12:56 D '61. Work achievements of construction workers in the trans-portation industry in celebration of the 22nd Congress of the CPSU Transp. stroi. 11 no. 11 J-4 N '61

ROAD CONSTRUCTION-ACCOUNTING

Mixed crews should have separate accounting. G Dov-ger. Avt doi: 20 no li 10-19 N 166

ROAD CONSTRUCTION-COLD WEATHER CONDITIONS Construction of earth roadhed in winter. P. A. Chadaev, A. P. Panarin Avi dor. 29 no. 11-15-16 N 168

ROAD CONSTRUCTION—PRODUCTION STANDARDS Saving working time. A. N. Semiovtsa Stroi i der mash 0 no.0:32 Ag '63.

ROAD CONSTRUCTION-TECHNOLOGICAL INNOVA-TIONS see subdivision under Ukraine

ROAD CONSTRUCTION WORKERS

Renowned anniversary. Avt. dor. 29 no. 11:32 N 166.

ROAD MACHINERY

Concrete vibrators Stroi i dor. mash 8 no 8:33 Ag '63. New machines. Stroi i dor mash 8 no. 8:31-32 Ag '63

Using stray-radiation radioactive pickups in automatic control systems of construction and road machinery. I, IA, Rusinov, IU, K. IAkhontov. Strot. i dor mash 8 no.8:18-21 Ag '63.

The "Vibratick" multiplate compactor. Strot. i dor. mash 8 no.8:37 Ag '63.

ROAD MACHINERY-HYDRAULIC DRIVING

Standard series of hydraulic torque convertors for construction and road machinery. S dor, mash. 8 no. 6:7-8 Je 163. S. P. Stesin, Stroi, i

ROAD MACHINERY-MAINTENANCE AND REPAIR Mobile maintenance shop for road machinery.
P. Shkirando, A. Spitsyn. Avt. dor. 29 no. 11 25 N Planning and conducting the maintenance of road machin-ery between shifts A.A. Pokrovskii Avt. doi: 29 no 12 21 D 166

ROAD MACHINERY-PARTS

The servo-type feedback hydraulic steering goar for road machinery L.A Antipov. B 5 Le. hepekov. B N Staytsev Stroit dor mash 8 no 8 H-D Ag 63

ROAD MACHINERY INDUSTRY see subdivision under Bi yansk

ROADS

The first main highway P.P. Burfal, B.A. Kowlovskii, A.Skobele, Ayt doi: 29 no. 11 2-3 N. 166

Highways and the development of apparellural production, G B Podlubnyt Avt dor 29 no. 11 7-8 v 466

The second conference of road specialists of socialist countries. Avt do: 29 no 12 26-27 D **166

ROADS-DESIGN

More about transient em ves IU M Masenko 1vt do: 29 no 12:10 D 166

ROADS-INTERCHANGES AND INTERSECTIONS

Calculations of intersections of transport hypasses of cloveriend design V M. Virgalov Iv. vys. ucheb rav. stroi.larkhit. 9 no. 9.101-106 '66

ROADS-MAINTENANCE AND REPAIR

Reconditioning of a deformed embankment on a slope G, V, Strelftees, A A, Piliugin Avt dor 29 no 12:17-18 D '66

ROADS-SNOW PROTECTION AND REMOVAL (see also subdivision under Russia, Northern)

[Development of new Soviet snowremovers for roads] Sozdanie novykli otechestvennykli dorozbnykh snego-ochisticlei. [By] A. N. Ivanov i dr. Moskva, Mil-infor matsisti oldorkommunansh, 1965, 101 p. (Scrital, Stroftel'nye i dorozbnye mushiny)

ROADS, CONCRUTE

Increasing structural density of road concrete G. M. Khutortsev, N. V. Mikhaflov Avt. dor 29 no 12:7-8 D 486.

Orlovskii, V.S. [Designing and building reinforced and mesh-reinforced concrete surfaces for roads] Pro-ektinovanie i stroitel'stvo strumobetomykh di armobetomykh di ovdnykh pokrytii. Moskva, Vysshala shkola, 1965, 60 p.

[MICROFILM]

ROCK DRILLS-DESIGN AND CONSTRUCTION

Automatic regulation of axial force for the feed of telescopic rock drills V A Tregubov and others Gor. thur no 12:46-47 D '66.

ROCK GLACIERS see subdivision under Kichikalay Range

ROCK MECHANICS

Method of determining loosening coefficients of hard rock piles IU. I Beliakov. A V Rezunik Gor zhur no 12; 18-21 D '66

ROCK PRESSURE

Critical pressure is a criterion of a danger zone for sudden outbursts of coal and gas. I.M. Perlink. Dop AN URSR no 11,1470-1473 162.

Dependence of the anisotropy of temporary resistance to unioxial compression of rocks in Donets Busin roal deposits on certain geological factors. IU I Bilotser kevets' Dop AN URAR no 11:437-1440 '65

Investigating the manifestation of bearing pressure in a massif above which mining operations are being conducted. G. I. Val'shtein liv, vys. uchob zav "gor. zlur, 6 no.5:46-54 163,

Manifestation of rock pressure during the process of massive caving of hauging wall rocks at "TSentral'maa" Mine of the 20th Parly Congress Mine Administration D. Z. Shish, G. S. Shkrebko Gu zhar no 12-28-30 D '66.

ROCK PRODUCTS-TRANSPORTATION

Powerful port loader, M Nikulin, Roch, tronsp. 25

ROCK SALT see subdivision under Transcaroathia

ROCKET ENGINES-FUEL

Shapiro, IA,M., G.IU,Mazing, N.E. Prudnikov. (Theory of solid fuel rocket engines) Teorila rakelnogo dvigatelia na tverdom toplive. Moskva, Veenizdat, 1966. 255 p.

ROCKETEERS

Remaining in the memory, I.Shchelev. V mire knig 0 no. 11:0-7 N 166.

ROCKETS (AERONAUTICS)-CATALOGS

[Catalog of data on rockets and satellites of the World Data Center B1 | Kat, dan, po rak, 1 sput, Jan, -June 1966, publ. Ag '06,

ROCKS

Changing the speed of drilling depending on the physical and mechanical properties of rocks and the power of hore hammers P. M. hoshuliko. Izv. vvs. ucheb. 2a., gor. 2hur. b. no. 5/14-95. 66.

ROCKS-ANALYSIS

of engineering geology A. G Lykoshm Gldr stroi 33 no 8 16-20 \ \text{g} '63

ROCKS-CLASSIFICATION AND NOMENCLATURE

ROCKS—CLASSIFICATION AND NOMENCIAFORE

Rock classification and efficient placement of boreholes in
the massif during jet precung L. N. Usily. V. A. Fvenko,
G.A. Maleev. Gor. zhu. no. 12-33-37. D. '66

Rzhevskij. V. V. [Classification and rating of rocks by
their physical properties] Klassifikatsila i pasportizatsila gornykh porod po &h fizicheskim svortvam. Moskva., Mosk. In-1 radioelektroniki i gornoi elektromekhaniki. 10se. 13-0. niki, 1956 13 p.

ROCKS-ELASTIC PROPERTIES

(see also subdivision under Pechenga region, Murmansk Province)

Changes in clastic parameters of rocks depending on triaxial stressed state, calculated with help of a model Z 1 Stakho.skala Trudy Inst fiz Zem. no 37 37-

Distribution of stresses in messif of rocks P A Zhuravlev, A F Zhakharevich Zap LGI 39 no 3 til-

ROCKS—ELECTRIC PROPERTIES (see also subdivision under Kazakhstan)

Some characteristics of electric properties of tocks altered by hydrothermal processes Sami Soliman Mothamed, V V Aydonin Sov geol 9 no D 138-141 N 166

ROCKS-FRACTURE

Bulatov, V.V. [Mechanics of rock breaking during extra-deep drilling] Mekhanika razrushentia gornykh porud pri sverkhglubokom burenti Novostbirsk, Naura, 19.5 223 p.

ROCKS--PERMEABILITY

Method for the regional estimation of the water conductive tiles of rocks by isoline mapping of underground water levels, taking into account the seepage and incomplete data on water conductivity, H. A. Shnelderman, Dop. AN URSR no 7:948-951 '63.

ROCKS-TESTING

(see also subdivision under Bulgaria, Kazakhstan)

Determining cohesion magnitude between rock layers V. M. Reginskii. Shakht, stroi. 10 np. 11 13-14 N 266 Effect of temperature on the elasticity modulus of rocks under high pressure 2,1 Stakhovskaia Trudy Inst fiz Zem no 37 157-160 166

Elastic wave velocity in specimens of oruptive and metamorphic rocks under pressures of up to 1000 kg-wt E I Batuk Trudy Inst fiz Zem. no. 37,16-36 166

Studying physical properties of rocks under high pressures and at high temperatures M P Volarovich Trud, Inst fiz Zem. no 37 5-15 '66

ROCKS, CARBONATE see subdivision under Karatau, Nepal, White Russia

ROCKS, CARBONATE-ANALYSIS

Studying the core of fractured corbonate rocks using ultrasonics and luminescent defectoscopy K I Bagrintseva Razv. i okhr. nedr 29 no 3,23-20 Mb '63

ROCKS, CRYSTALLINE AND METAMORPHIC

Polovinkina, IU.I. Structus and texture of cruptive and metamorphic rocks] Struktury i tekstury (zverzhennykh i metamorficheskikh gornykh porod Moskva, Nedra, Pt. 2. Vol. 2, [Metamorphic rocks] Metamorficheskie porody, 1966 270 p

ROCKS, CRYSTALLINE AND METAMORPHIC— TESTING see subdivision under Kola Peninsula

ROCKS, IGNEOUS

(see also subdivision under Aldan Piateau: Alfai (see also subdivision under Aldan Pialeau; Allai Mountains; Baikai Lake region; Chukchi Nationat Area; Cuba; Irkutsk Province; Kazakhslan, Kul'dzhuktau, Kunashir Island; Lerik District, Omoton Valley; Tien Snan; Vydrikha region, Altai Territory; Penisey Valley) New forms of the relationship of mineralization to igneous activity and the possibility of the discovery of rarely found deposits, V.N.Kotliar, 1/2, vys.uchab.zav, geol i razv. 6 no 677-84 Je 163

ROCKS, IGNEOUS-ANALYSIS see subdivision under Khibiny Mountains; Transbalkalia

ROCKS, IGNEOUS—ELECTRIC PROPERTIES (see also subdivision under Kola Peninsula)

Studying electric resistance of basic, ultrabasic, and alkali rocks and minerals under high pressures and at high temperatures. M P Volarovich, E.I. Parkhomenko, A.T. Bondarenko, Trudy inst fiz. Zew. no. 37 166-179 166.

ROCKS, IGNEOUS—TESTING see subdivision under

ROCKS, SEDIMENTARY

CKS, SECUMENTARY (see algo subdivision under Aral Sea, Carpathian Mountain region, Caucabus, Notthern, Daghestan, Geokchay Valley; Ghidin Oll Field, Kutliang-Tau; Bayan Mountains; Ukraine, Volga Vailey, White Puesto

Methodology of using typomorphic indications of zircon for determining feeding sources of sedimentary y tooks G V Resterento, N L, Dobretsov Geol i geofiz no a. 21-33 '66

ROCKS, SEDIMENTARY—ANALYSIS see subdivision under Polesye; Uzbekistan

ROCKS, SEDIMENTARY-CONGRESSES

First Conference of Sibertan Branch of Commission on Sedimentary Rocks of Department of Earth Science of Arademy of Sciences of U.S.S. R. R.G. Matukhin, Lit 1 pol, iskop no 6 148-148 N-D '66

ROCKS, SEDIMENTARY—ELECTRIC PROPERTIES

Electric properties of sedimentary rocks in conditions of hydrostatic pressure. M.P. Volarovich, K. A. Valeev, Trud, Inst. flz. Zem. no. 37 200 205 166.

ROCKS, SEDIMENTARY-TESTING

(see also subdivision under Azerbaijan; Carpathian Mountain 1 egion)

Studying longitudinal wave velocity in sedimentary tocks with a fluid filter under righ hydrostatic pressures. M. P Volarovich and others. Trudy Inst 112 Zon., no 37 140-148 468.

ROCKS, SEDIMENTARY—THERMAL PROPERTIES Experimental study of heat conductivity of sedimentary rocks in relation to moisture and temperature. Sh G-Akhmedora Azerb neft khoz 45 no 9 32-33 S '66

ROCKS, SILICEOUS see subdivision under Russian

RODCHENKO, A LEKSANDR MIKHAILOVICH, 1891-1956 A. M. Rodchenko, A. Abramova, Ishuasiyo 29 no. 11-51-59 '66.

Comparative evaluation of some methods of recording the number of small murine rodents. A. V. Agnfonov and others. Trudy Gos nauch. -issl protivochum inst. 16.259-268. 159

RODENTS-EXTERMINATION

Rodents, pests of orchards and gardens. N. Dukel'skala, Zashch rast 11 no 11,37-39 466.

Species and number of redents on seagoing vessels in the European part of the U.S.S.R. Report No.1: Redents on vessels sating the Black Sea F. A. Peskuttsa cayl others Trudy Gos nauch -issi protivochum. Inst 16: 233-243 '59

Species and number of redents on seagoing vessels in the European part of the U.S.S.R. Report, No. 2; Rodents on vessels satisfing the Baltic and the White Seas T. A. Pushnits and others " Frudy Gos nauch. -fssl. protivochum last 16;245-252 '50

RODENTS-PARASITES see Parasites-Rodents

ROKOSSOVSKII, KONSTANTIN KONSTANTINOVICH, 1896-Man. Bolshevik, and military leader. P. Batov, P Troi-novskii Voen -1st zhur, 8 no 12 32-43 D 166

ROLLAND, ROMAIN, 1866-1944

Gil'dina, E.M. [Romain Rolland and world culture] Ro-men Rollan i mirovaia kul'tura. Riga, Zvaigzne, 1966 208 p

ROLLERS (EARTHWORK)-DYNAMICS

Kinematics of the rolling of a ribbed roller A. A. Gelash-vill, Trudy GRUZNIMFSKHB 8 no. 2 57-69 '62

ROLLING (METALWORK)

Field of slip lines during thick strip rolling. V.F. Potapkin 12v. vy4. ucheb. 2av., cherg. met. 9 no. 12; 75-80 186.

Formulas for calculating forward slip and their experi-mental cheek duting cold rolling of strip with pull. IU. P. Abdullov, D. J. Suiarov, L. G. Chubrikov, Izv. vys uchep zav., chern. met. 9 no 12-25-90 166.

Influence of technological parameters on the deformation and yield of sultable metal in colling pillets made by continuous casting. IU. M. Chizhikov, V.P. Morozov, Stal' 26 no 123113-1116 D '66.

Interaction of kinematic and force purameters in the seat of deformation, V, N, Vydrin, L, M, Ageev. 1 vys. ucheb. zav., chein, met. 9 no. 12:98-101 '66.

Peculiarities of ingo; rolling conditions and their influence on degree of loading in electric molors of the main divo of 1120-type mills. B. IU. Zelichenok, G. N. Mul'ko, K. P. Katrichenko Stal' 26 no 12:1123-1121 D '66.

Studying alloys in the system Al - Zn - Li, V. I, Elagin, E. V. Ekhina. Trudy MATI no. 66:136-146 '66,

Studying deformations during rolling by the variational method, V, N, Vydrin, M, IA, Browman, V, Kh, Rimen, Izv. vys. ucheb. zav., chern. met. 9 no. 12:67-74 166,

ROLLING (METALWORK)-DEFECTS

Metal attp during rolling in channel grooves V. IA Pa-vloyskii and other a Statt 26 no 12 1120-1123 D. Go

ROLLING (METALWORK)-QUALITY CONTROL

Some ways of improving the surface quality of cold-relied sheets S.P. Efimendo and others, Stall 26 no 12 MO-1112 D 166

ROLLING MILLS—DESIGN AND CONSTRUCTION (see also subdivision under Chelyablusk, Cherepotets, Vologda Province)

Studying scale formation during metal heating in continuors turnages of light section and whost od mills 1 1 Spivak and others Stalt % no. 17 1139-1144 D %.

ROLLING MILLS-ELECTRIC DRIVING

New methods for studying operational efficiency of nuto-mated blooming mill drives (O. P. Sokolovskii Firk-trichestvo no 12,71-78 I) '66

Peculiarities of lagor volling conditions and their influent or dogs ee of loading in elect it anotors of the main drive of 1120-type mills. B. 10 Zelichenok G. N Matthe K P. Kutruchento. Stalt 26 no 12 1123-1124 D 266

Step-by-step drive of a offing mill mechanisms 1, 1, andovskil. A S. Filatov, V. P. Rubisov Elektrichests o no 12-55-61 D '66

ROLLING MILLS-EQUIPMENT AND SUPPLIES

Indicator of the position of ingots on roller lables. IA 1 Okher, E. L. Bogomol'main. Statt 26, no 12/1124 1125

ROLLING MILLS-FOUNDATIONS

Poundations under rolling mill equipment F. M. Gilman Prom stroi 11 no. Il 22-23 456

ROLLING MILLS—MANAGEMENT

Organization of work in the heating department of a blooming mill. I A. Krass. Then I mat, metrol. 2 us. 6(925-931 N-1) 166.

POLLING MILLS-VIBRATION

Natural Vibrations in rolling mills produced by references. F. K. Ivanchenko, 177 vys nebels zav., chain met 9 no 12,170-175 56

ROLLS (ROLLING MILLS)

Effect of chill calibration on the rate of cooling of childed rolfs for section rolfing. A. B. Kriweshee, N. P. Koteshov, O. N. Rudney, 17, vys ucheb. 2av., chera, met. 9 no. 12:122-126 (6).

Meial stip during rolling in channel grooves. V. IA. Pavlovskii and others. Stall 26 no 12 1120-1123 D 166

ROMADANOVKA OIL FIELD-PUTROLEUM GUOLOGY

New data on atructure and oil potential of anticlinal folds of Kinzobulatova type in southern part of cis-Ural Trough M. 4 Kamaletdinov, Rf N. Shvyndenkov, E. A. I (hipport Geol nefti i gaza 10 no 11, 19-41 N 466.

ROMANKOV REGION (UKRAINE)--VERTEBRATES, FOSSIL

Taphonomic characteristics of the Romankov site of One. ternary vertebrates. V I.Svvstun, H.G. Rachyog'kyl. Dop. AN URSH no 11:1505-1508-182

ROMANOV, PAVEL KONSTANTINOVICH

In the Presidium of the Supreme Soviet of the U.S.S.R. Poligi, proizy, no 0.1 S 463.

ROMANY (AZERBALJAN)-MOSQUES

From the monuments of the village of Romany "The mosque of the Caliph All" S. D. Kerimtade. Dokt. AN Arold. SSR 19 no 2 49-51 168

ROMASHKINO OIL FIELD-GEOLOGICAL MODELING

Detecting and stone bads within D horizon in Romaniakino off field IV, E. Baturin Geol nefti i gaza 10 no 11/32-35 N 166.

ROME-ANTIQUITIES

Antropomorphous landles of bronze paterge in the collec-tion of the Hermitage, 7, A. Bilimovich, Sov. at kneed 16 no. 41116-124 (66,

ROMPPAINEN, TOIVO IVANOVICH

The work of an actor. P. Nikilin, Teatr 24 no. 7:03-97 J1 163,

RONNEL

Practice in the use of trolene and dimethoate in controlling warble files. G. I. Getta. Shor, nauch, rab. SibNIVI no. 11-191-104 162.

ROOFING

Polymer roofs to replace sheet roofing materials, N.N. Oster-Volkov. Stroi, I arkhit, Uvb. 0 no 4:16-17 Ap

ROOFING, CONCRETE

Insulated reciting panels for industrial buildings, V.Roiz, Na. Strot. Ros. 7 no. 11:12 N '66. Suggestion for modification of construction of reinferced

concrete slabs, L.B. Milgarts, N.L. Fillmonova stroi. 44 no 11:43 '60.

ROOFS

New design of the head of maide leaders of the 100fs of industrial buildings, B. I. Ticha Prom zdan

Of a folded profile from mesh-reinforced elements S.S. Gardichenko, S L. Golubev, I. M. Khaidurov arkhit Len. 25 no 9 25-26 S 163

ROOFS-DESIGN AND CONSTRUCTION See Subdivision under Germany, East

ROOFS, SHELL

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Design and use or cylindrical shells. G.G. Vinogradov. Stroi. rarkhit I en 25 no. 9 22-24 S 163,

Three-dimensional large-span roofs. V.V. Shapiro Stror rankhit I en 25 no 9 lh-18 S 163

ROOFS, SHELL-CONGRESSES

An atmosphere of close cooperation. Stroi, i mikhit, Len. 28 no 10 33-31 O 166,

International Congress on Building Shells. V Mikhailov. Stroi Larkhit 14 no 12 25-31 D 466

ROOFS, SUSPENSION

Determining the wind load on suspension roofs of a parabolic contour K A Bohaeva Stroi (arkhit Len, 25 no.3;27-28 S '63

Some characteristics of the physiological features of hybrid consters. L. V. Zubareva, Z. M. Spitkovskaia. Trudy Inst. gen. no. 26-152-160 - 162

ROOTS (BOTANY)

Change in phosphorus metabolism under low temperatures in the root zone. Z.V. Titova, S.S. Andrecako. Selikhoz, biol. 1 no. 6:035-841 '66

Development of the root system of tea plants as related to feathless, M.L. Belava Subtrop, kult no 3:3-17 466,

Effect of soil conditions on the capacity of the root system of fruit plants for regeneration, Dochw.usf.i effek.udob. no. 1:75-83 163, I. I. Kaniveta

Pifect of trichioroacetic acid on the development and absorptive capacity of tomato 1 oots | L. P. Moskalenko Khim, v scll khoz | 1 no 12 45-49 | D | 166

Oxidative metabolism in the roots of peas and corn under Sell-boz, biol. 1 no. 6;809-815 '66.

Photosynthetic activity and yield of peas as related to the absorbing capacity of the root, V G. Blokhin, G. P. Ustenko, I. M. Fettsov, Agrokhimlia no 12 51-67 D '66

Some data on the formation of the root system of Norway aprince T V Veshchikova, Trudy Un, druzh, nm., 11, Sel'khoz, nauki ne i 171-181-186,

ROSE OIL see Attar of roses

ROSES-GRAFTING

Selecting and testing prospective forms of Rosa canina for tree rose tootstock, I. I. Shtan'ko, N. L. Mikhaflov, Biul, Glav, bot, sada no. 63,18-21 *66

ROSSI, KARLIVANOVICH, 1775-1849

Studying the work of K. Rossi, A. Naumov, Arkhit, SSSR no 6 62 163

ROSTOV (YAROSLAVL PROVINCE)-ARCHITECTURE

Banige, V S. [Resioration of the Rostov Kremlin, 1953-1960] Vossianovienie Rostovskogo Kremlin, 1953-1960. [Aroslavi' [Kroslavskoe knizhnoe izd-vo] 1963. 23 p (MII)

ROSTOV-ON-DON-BOOKS, FOREIGN

The department of foreign literature of a province li-T.S Dudnikova, Opyt rab bibliot s inosir, lit. no. 1-63-71 '61

ROSTOV-ON-DON-POLITICS AND GOVERNMENT Gorsikov, A.D. [Standing committees in action] Posto-lannye komissil v deistvii. [Rostov-na-Donu] Rostov-skue knizhnoe izd-vo, 1965. 50 p.

ROSTOV-ON-DON-REVOLUTION OF 1905

An armed uprising in Rosiow-on-Don in December 1905 G. M. Kramarov, Vup ist, 41 no. 12 117-124 D 166,

ROSTOV PROVINCE-BARLEY-FROST RESISTANCE

Intensity of photosynthesis in winter barley in fall. S. S. Chukuridi, C. R. Maiukhin, V. I. Sevast'ianov, Sel'khoz. biol. 1 no. 5:816-819 '66.

ROSTOV PROVINCE-BARLEY-VARIETIES

From the experience in the processing of the "Kubanete" bariey. L. I. Dudkina. Spirt prom. 28 no. 5:30 '62.

ROSTOV PROVINCE-BRUCELLOSIS

Epidemiology of brucollosis in Rostov Province Ci. A. Holandin and others Trudy Gos. nauch -tssl. protivo-cham-inst. 16:145-152 | 159

ROSTOV PROVINCE-BUPRESTIDAE

Biology of Buprestidae (Coleoptera), the pests of elm trees in Rostov Province A, D, Maslov. Zool. zhur. A. D. Maslov. Zool. zhur. 45 no 11:1650-1650 166.

ROSTOV PROVINCE—DISABILITY EVALUATION

Expertise of occupational espacity for work. M Vereshchagin Sot chesp 41 no 12 32-33 D 166

ROSTOV PROVINCE-ELM-DISEASES AND PESTS Biology of Burnestidae (Colcoptern), the pests of clm trees in Rostov Province A D Maslov Zool zhut 45 no 11,1650-1658 '66

ROSTOV PROVINCE-IRRIGATION

Irrigation of lands using local runoff, N.P. Borisenko, N.N. Binskii Gidn 1 met 18 no 12 1-5 p 166

ROSTOV PROVINCE-PEAS-FERTILIZERS AND MANURES

MANURES
Use of fertilizers in pea-winter wheat link of crop rotation in Chernozems of the northern part of the Sca of Azov Region within Rostov Province I M Shapo-hakova, L I Makarova Khim v scP khoz I no 12 6-8 D 166

ROSTOV PROVINCE-RADIO JOURNALISM

The most sensitive compass. A. Vasilichento, Sov. radio i tel. 12 no 6 23 Jul 163

ROSTOV PROVINCE-SOLONETZ SOILS

Interronal seminar on the melioration of Solonetz soils.

M M Sugrabov Khim v sch khoz 1 no 12:72

D '66

ROSTOV PROVINCE—SUGAR BEETS—DISEASES AND PESTS

Agricultural practices and plant lice on beet 100ts, V. Minotanskil, Zashch, rast, 11 no 11,27-28 '66

ROSTOV PROVINCE-SWINE

System of the organization of group raising of swine for production, S Kochetkov, Ekon, sclikhoz no, 11 82-89 N '66

ROSTOV PROVINCE—TELEVISION BROADCASTING

The most sensitive compass. A. Vasil'chenko. Sov. radio i tel. 12 no 6;23 Je. 463.

ROSTOV PROVINCE-WHEAT-FERTILIZERS AND MANURES

Use of fertilizers in peaswinter wheat link of crop rotation in Chernozems of the northern part of the Sea of Arov Region within Rostov Province. I M Shaposhnikova, L I Makarova, Khim v selt thor 4 no.12,6-8 D 468

ROTARY KILNS see Kilns, Rotary

ROTARY PUMPS-NOISE

Reducing noise level in rolary pumps. V.K. 1 ephkichiev, V.A. Chemayskii. Vest, mashinosti, 146 no. 12:37-10

ROTATING AMPLIFIERS

Asynchronous amplidyne power amplifier, R. I. Zeliche-nok. Elektrotekhnika 37 no 12 22-25 D 486,

ROTATING MASSES OF FLUID

Condensation of rotating helium II. R. A. Bablidge, N. S. Gavillidi. Zhur.ekspiteo: fiz 51 no 5:1311-1343

Condensation of rotating helium II and its density jump in place transition point E. L. Andronikashvili. Dzh S TSakadze. Zhut eksp i teor fiz 51 no 5:1344-1347

Effect of rotation on rate of growth of single raystals, and formation of "parasitic" crystals K N, Shabalin, G. V. Intushkin Rost krist 6:385-387 '65

ROTATION OF CROPS

(see also subdivision under Lithuania; Tambov Province, Ternopol' Province; Ukraine)

Arrangement of crop rotations V. Zapletin, M Lapyrev Zemledelle 28 no 11:20-23 N '66

Clop rotations and the increase of the effectiveness of fertilizers A I Dantlevskii Zemledelle 28 no 11-36-37 N '66

36-37 N '66
Cultivation practice4 for grasses in crop rotation.
F. Lut Zemiedelic 28 no. 12 20-21 D '66,
Effect of the age of the field on the yield A Smotanin
Zemiedelic 28 no 11:24-26 N '66.
How a collective farm mastered crop rotations. V. M.,
Siviakov, N D. Rybakova. Zemiedelic 28 no. 10 3841 O '66.

Sunflower in (1 op 1 station | I Ivushkin, V Kadoshnikova, Zemledelle 28 no 11:26-27 N '66

Systemof crop rotation in farm management. P & Khliustov, Zemledelie 28 no.10 42-16 O 466.

ROTIFERA see subdivision under Moldavia

ROVNO PROVINCE-DRAINAGE-ECONOMIC ASPECTS Profitability of drained lands in Royno Province of the Ukraine, 1, S. Zhiliuk, Vod, khoz, no. 4:211-216 165,

ROVNO PROVINCE—GRAIN HANDLING

Mechanization of loading and unloading operations with products in sacks (from practices of enterprises of the Lvov and Rovno Administrations of the grain product and mixed feed industry, V Artemenko, K Blagovenko, Kh Shikhellman, Muk.-clav.prom. 32 no 11 23-28 N '66

ROVNO PROVINCE-STONE AGE

The Lips culture of the Palcolithic period. M I, Ostrovskii, G. P Grigoriev. Sov artheol 10 no 4,3-13 166

ROZDOL (UKRAINE)---MINERAL INDUSTRIES--

Network methods for managing the process of attaining planned production capacity of new enterprises

M Meleshkin and others Plan khoz 43 no 1 43-50 Ja 167

ROZHDESTVENSKAIA, OL'GA ANTONOVNA (DOBIASH), 1876-1939

O. A. Doblash-Rozhdestvenskam's archives in the M. D. Saltykov-Shehedi in Public Lilia at . T. P. Voronova Sted veka no 29 187-190 '66

The rote of O A. Dobiash-Rothdestvenskala's works in the development of Latin paleography in the U S S, R, on

ROZIIDESTVENSKAIA, OL'GA ANTONOVNA (DOBIASH), 1876-1939-BIBLIOGRAPHY see Bibliography---Rozhdestvenskaja, Ol'ga Antonovna (Dobiash), 1876-

ROZOV, VIKTOR SERGEEVICH, 1913-

Anastas'cv, A.N. [Viktor Rozov; a sketch of his work]
Viktor Rozov, ochenk tvorchestva. Moskva, Sov.pisatel', 1966. 245 p.
(CtY) (InU)

RUBAKIN, NIKOLAI ALEKSANDROVICH, 1862-1946 What to read on Rubakin. V mite knig 6 no. 11:40 N '66,

RUBBER

Brown coal way is softener for rubber compounds. H. A. Blokh, M. A. Vaskivstka. Khim, prom. [Uk:] no 3-31-31 JI-5 *62

Evaluation of the contributory effect of scattered radiation in the irradiation of rubber in press modes. A.S. Kuz'minetit, L.S. Rusci. Kauch, Fres. 21 no 6; 12-11 Je 452

Hallotton of the catalytic activity of metal ions of variable valency in the ovidation of tubber. A S Kuzimlaskii, V D Zaltseva, N N, I czhnev. Vysokom socci. 4 no 11462-1687 N '62.

Studies on protective stratified rubber for X-ray protection devices A. N. Krongaur, S. I. Vorona, E. I. Unanov. Vest. rent. trad 37 no 3:60-52 My-Je '62.

RUBBER--ANALYSIS

New method for determining aluminum, iron, calcium, magnesium and Zinc in Lubbe ashes by means of the chromatographic and complexometric analysis N.M. Vital'skaia, N. F. Pantaeva. Kauch, i rez. 21 no. 6 53-56 Je '62.

RUBBLR--TESTING

Fatrudability and flow of tubber compounds, L.P. Kotoff, V.S.Skrobot, Kauch, trez 21 no. 6,21-23 Je 462

Maching of the coordination council on the instruments and methods of physicomechanical testing. R.V. Tornor, M. M. Reculkovskii. Kauch. 1 1ez., 21 no. 5. 50-60 Je '62,

RUBBER, RECLAIMED

Effect of softeners on the strength of recinimed rubber. If M. T'Svetaeva Kauch, Liez, 21 no. 6-18-91 Je 462.

RUBBER, SYNTHETIC

Automatic control of the pH medium in the production of rubber with the use of rosin and fatty acid emulsifiers. D.S. Gingolev and others. Kauch, i rev. 21 no. 645-

47 Je 162, Gelling of synthetic-rubber latexes, O. D. Chuhai, I. H. Boichenko, M. I. Pizhebyl's'kyi, Rhim, prom. [likt] no. 3-79-62 Ji-S 162

Interaction of lateres with fillers, Part 1: Effect of the nature of later protective substance on collaidat-chemical properties of carbon black-latex mixtures, E.A. Aleksandrova, D.M. Sandomitskii, B. A. Dogadkin, Koll. 2hui 28 no. 6 781-758 N-11 168.

Phosphorylation of polyethylene and butadiene subber. G. F. Bebikh and others. Vysokom soed. 4 no. li-1677-1681 N '62

Properties of ethylphenyl siloxane subbers. 5. N. Borlsov and others, kauch, ire z. 21 no. 6;3-6

RUBBER, SYNTHETIC-ANALYSIS

Analysis of polysilovane pure gum compounds and rubber made on their base. Z. S. Zadorozhman, N. P. Karaseva. Kauch, i rez 21 no, 6:51-53 Je 162,

RUBBER, SYNTHETIC—TECHNOLOGICAL INNOVA-TIONS see subdivision under Eriyan

RUBBER COATINGS

Labutin, A. L., K.S. Monalliova, and N.S. Fedorova,
[Audicorrestre and scaling materials on base of liquid tubbers] Antifor roziomye i germetizh ulushchie materialy na osnove zhidkikh kauchukov. Moskva, Khimila, 1966, 207 p.

Technological process of jubliciting parts of said pumps. N.S. Penkin. Trudy LIVT (> 82 110-116 '65

RUBBER COATINGS-TESTING

Resistance to light and azone of films based on L-7 lates during two-dimensional stretching N & Chamenskil, I S Pomina, V V Chernata Kattch I to. 21 no 6:6-9 Je '62,

RUBBER INDUSTRY-AIR CONDITIONING

Automation of the regulation of air conditioning as a factor improving the technology and sorking conditions in the rubbar industry. If II, Lubbanov. Name holder 21 no 61/2-33. To 162.

RUBBER INDUSTRY-MANAGEMENT see subdivision under Erfyan

RUBBER INDUSTRY WORKERS

Methodology for calculating the number of equipment acpair mechanics in the subber industry plants. P. Nabeterknyi. Kauch frez. 21 no. 6,10-11 Jc. 462

RUBBER MACHINERY-MAINTLNANCE AND REPAIR

Methodology for calculating the number of equipment repair mechanics in the rubber radustry plants. P.M. Naberechnyl, Kauch.riez. 21 no.6:10-44 fe '67

RUBEZHNOYE REGION (UKRAINE)-WATER, UNDER-GROUND-POLLUTION

Hydrogeological characteristics and contamination of underground waters of the Lisichansk-Rubezhnove Indust tal region of the Danets Basin. A F. Charkin, A D Sokolov, Z. A Charyr Vod., fan , gidi sooi no 1 132-139 '66,

RUBIDIUM see subdivision under Sultanutzdag

RUBIES---SPECTRA

Doubling of light frequency in ruby. T. P. Belikova, F. A. Svilidenkov, Pist viced, Zhui eksper i teoret, fiz 5 no 1.29-32 Ja 107.

Studying spectral characteristics of stimulated 10by radiation, M. E. Movaesian, IU S. Chilingarian, N.Y. Badalian, Izv. AN Arm. 95R. Fiz. 1 no. 2-61-65 '66.

RUDENKO, KHOMA IUKHYMOVYCH, 1901-1962

Khoma Ilkhimovych Rudenko, obituary, S.S. I odor, V.IU. Mandiyk Ukr. bot zhur 20 no. 1 107-110 163

Chromaiopolarographic determination of alkaloids in Haplophyllum perforatum sccds, E K Dobrouravova, A L Markman Khim, prized soed no 5 333-337 166

RUELENE

Ruelene as an effective means of controlling warble flies, V.K. Meteittsa Veterinaria 13 no, 12 17-18 D '66

RUMANIA—BIBLIOGRAPHY

[New literature on Rumania] Nov. Ilt. po Rum. nos. 11-12

RUMANIA---HISTORY

Bobeiko, I., and M. Kopanskii. [Twenty-two years of heroic struggle, from the history of the revolutionary and liberation movement in Beasarabia, 1918-1940] and theration interiment it Bessa; abia, 1918-1940; Dwalfsat' dva goda geroteleskol bor 'by, iz istorii revo-liutsionno-esvobeditel'nego dvizheniis v Bessarabii v 1918-1940 gg. Kishinev, Partiinee izd-vo Tsk KP Moldavii, 1966 42 p. (V pomoshch' agliatoru i propa-gandistu)

Revolutionary action of Rumanian workers in defense of the October Revolution in late 1917 and early 1918, S.M. Parkhomehuk, Uk; ist, zhu; 10 no, 12:72-30 D *66.

RUMANIA—LEARNED INSTITUTIONS AND SOCIETIES Centennial of Rumanian Academy of Sciences. Priroda 55 no.12:103-104 166.

RUMANIA-MUNICIPAL SERVICES

Service facilities in the cities of Rumania, K. Kartashova, Arkhit, SSSR no. 11:52-57 '66.

RUMANIA---PLOWS

Studying the operation of a mounted plowing unit in the Rumanian People's Republic, S. Caprotu, Zap, LSKHI 96:259-263 '65,

RUMANIA-RAILROADS-ROLLING STOCK

Rolling stock of Rumania. Zhel, dor, transp. 48 no. 7: 36-87 J1 166,

Absorption and metabolism of feed digestion products by rumen walls. N.V. Kurilov and others. Sel'khoz.biol. 1 no.6:890-890 '66.

Arginase activity of the rumen wall of cattle, S.1. Kusen', V.IA. Dorda, 1.S. Porodko Dop. AN URSR no. 7,921-

Fffect of manifum on penetration of some cations and anions through the well of cattle tuncer S Z Hzhvtskyi, I V hudrusyshyn Dop M URNR no H 1458-1440 '66

Panenon of rumer will in earlie S.Z. Hzhvisikyi, O.F. IA. unenko Uki bio him abu 38 no 6 633-637 '56

RUMEN-MICROBIOLOGY

Metalolism of mirrogen compounds in the runnen of maninants A.1 Solutsev, N. V Murhins, A K Bohylev L.v., AN SSSR, Sci., biol. no 3 419-429 My-le 163

RUMEN-SURGERY

Methodology for the formation of an isolated pouch on the ventral tumen V.F. Vrakin Fiziol zhut 18 no 10-1282-1284 O '82

face also subdivision under Armenia: Caucasus. Chusovaya Vailey; Kama Vailey, Kazakhslan, Kichikalay Range; Kuybyshev Reservoir, Pechora Vailey; Uzbekistan; Vychegda Vailey; Zeravshan Valley)

Device for recording the levels of mudflow inundations I. P Smirnov Trudy KazNIGMI no 3 10-50 '54

Irrigation of lands using local runoff N.P. Borisenko, N.N. II mskii Gidr i mel. 16 no 12 1-5 D. 166. Reconnaissance aerial exploration of muditow regions S.P. Kavetskii, V.I. Korozm. Trudy Kaz NIGMI no 3:37

Regional relations for calculating the maximum discharge of lateral inflow, B IA, Kagan, Gidi stroi 33 no 7 36-39 Jl *63

RURAL CONSTRUCTION

(see also subdivision under Altal Territory; Transcarpathia; Ukraine)

Principal problems in the development of rural constitue-S Nefedov Arhit SSSR no 6 17-10 '63

RURAL CONSTRUCTION—MECHANIZATION see subdivision under Ukraine

RURAL EDUCATION see Education, Rural

RURAL CLECTRIFICATION see subdivision under Perm Province

RURAL LIBRARIES see suixlivision under Moldavia

RURAL MEDICINE see Medicine, Rural

RURAL PLANNING see subdivision under Azerbaljan; Bulgaria, Istra District; Kharkov Province, Kiev Province: Ukraine

RURAL PLANNING-CONGRESSES see subdivision under Ukraine

RURAL WATER SUPPLY see Water supply, Rural

RURALYOUTH

(see also subdivision under Uzbekistan)

Young farmers' bright prospects for the future. F.S. Generalay Mul. komm, no. 3:15-19 Mi

RUSAKOV, MIKHAIL PETROVICH, 1892-1063

Mikhall Petrovich Rusakov, oblitany – Izv AN Kazakh, SSR Ser geol nauk no 6:104-105 ¹⁶³

RUSSIA--ALLIED INTERVENTION, 1918-1920

This holiday is a particular ly near concern of the river transportation workers. Rech transp. 21 no 7 3-1 Ji '62.

RUSSIA-ARMED FORCES

The Armed Porces created by Lenin and trained by the

party, on the 14th anniversary of the Soviet Arm, and Navy A.Zholtov Agintor no 2 23-25 Ia '62.

The October Revolution and the development of the Soviet Armed Forces. R Malinovskil. Kommunist 43 no 1:26-38 Ja '67.

The sacred duty of our party, M Evelukhin, M Shatalin, Mol. komm, no. 11.41-50 N 161

RUSSIA—ARMED FORCES—POLITICAL ACTIVITY But the matter suffers... B. Gnydiuk. Komm. Vooruzh. Sil 3 no. 10:56-58 My 183.

The continually operating front of the struggle for communism Komm Vootuzh Sil 3 no 10:2-6 My 163 From the editor's mail, Komm. Vooruzh, Sil 3 no 10:58-63 My 163.

Go further, achieve more, A.Sosnov, Komm. Vooruzh, Sil 3 no. 10: 15-49 My 163.

The highest duty of the communist is to be in the midst of the masses, to work with people. A. Gorbatenko, Komm. Vooruzh, Sil 3 no. 10:16-22 My 163.

The ideological commission attached to a political section. I. Orlov. Komm. Vooruzh. Sil 3 no. 10:49-53 My 163 Independent reading, the road to knowledge, M. Getun. Komm. Vooruzh, Sti 3 no. 10:53-56 My 163

News of party and political work. Komm. Vooruzh. Sil 3 no. 10:93-96 My '63.

The Statute of the All-Union Loninist Communist Youth League, the law of the internal life of the Communist Youth League, A. Lizichev, Komm Zooruzh Sil 3 no. 10 64-70 My 183. What decretons should the party bureau on misdemeas of communist make at a party meeting? Komm Vooru 711-511 3 no 10.65 My '63

What is the order of admittance to the III-Union Lenis 15.54 Communist Youth League? Komin Voorush Sil 3 no 10 84-85 My 163

RUSSIA-ARMED FORCES-REGULATIONS

Propaganda of the demands of the motal code and military regulations D Sorokin Komm, Voorugh Sil 1 no. 10.21-27 My 163.

RUSSIA-ARMY

The Moscow Proletarian Division 1 Kurnetsov Vecta ist . hu: 8 no 12,66-70 D 66

RUSSIA-BOLOTNIKOV UPRISING, 1606-1607

New source materials on the persont was led by I potate nskov G N. Anpilogov Vop ist 41 no 12 100-42 D 166

RUSSIA-CENSUS

Discuss more widely the program of the forthcoming comms of the population D Valentei, G Fischera Vest stat no 12 31-36 466.

Our suggestions on the organization of the census of the population in 1969. A Petrova Vest, stat. no. 12: 36-37, 566.

RUSSIA-CHURCH HISTORY

Avvakum's works and social movements at the cult of 42.0 17th century. A N Robinson, Trudy ODRI 48 149-175 '62,

RUSSIA-COMMERCE

Kaganov, L. D. [Socialist reproduction and the market] Socialisticheskoe vosprotzvodstvo i rynok. Muskva, Ekonomika, 1966. 169 p.

Paylov, D. V. [Soviet trade in contemporary conditions]
Sovotskala torgovila v sovremennych uslovilakh. Ind. 2., peter. Moskva, Ekonomika, 1965. 221 p.
(Cty)

Was chouses and the organization of trade. G. Korawhim. L. Pelelis Sov.torg. 40 no.1:0-12 Ja '67.

RUSSIA-COMMERCE-EUROPE, CASTERN

Improving the structure of foreign trade, N. Zotova Plan khoz 43 no 1 66-70 Ja 167

RUSSIA-COMMERCE-SWEDEN

I stablishment of direct commercial contacts between Russia and Sweden after the Stolbovo Treaty of 1617 L.P. Shaskojekh. Sred veka no 29139-156 166

RUSSIA-COMMUNIST PARTY see Communist Party of the Suviet Union

RUSSIA-CONSTITUTION

Abisimova, T.B. [Constitutional forms of relations among the nationalities of the U.S.S.R., for universities of Maixism-Loninism] Gosudarstvennye pravovye formy natsional'nykh otnoshenti v SSSR, dila univoi sitetov marksizma-loninizma. Moskva, Myst', 1960. 61p. (Osnovy sovetskogo gosudarstvennogo struitel'-biva i prava)

Some theoretical problems concerning the Constitution and governmental structure of the Soviet state, A.Ders[-sev. Sov.iust. 36 no.23:3-5 D '66.

RUSSIA-DESCRIPTION AND TRAVEL

Drobyshevskil, V.I. [The reporting is done by the editor] Reportizh vedet redaktor, [Chellabinsk] IUzhno-Uralz-skoe kulzhnoe izd-vo, 1964, 206 p. (CSt-H)

Soviet meridians, f. Radvolina, Nov. viem. 25 no. 8, 9-10 F '57.

RUSSIA-ECONOMIC CONDITIONS

Congress of the builders of communism. Transp. stroi. 11 no. 114-2 N '61

Editorial The 90th anniversary of the revolution Komm Ukr. 41 no. 1,2-9 Ja 187

50 great years, Nov. vrem. 25 no. 3-1-2 Ja '67. The 80th year. Part, zhizn' no.1:3-6 Ja '67,

The first year of the five-year plan is rendering an account, facts and figures. Agitator, 34 no 24 15-16 D *66

The five-year plan. The second year; facts and figures. Agitator 34 no. 1:14-18 Ja '67.

Following Lenin's course. Agitator 34 no. 24-2-5 D '66. Party's efforts to consolidate and develop socialist so-ciety. Strengthening of the country's defenses, 1937-June 1941, consultations and methodological advice] Partila v bor'be za uprochenie i razvitle setsialisticheskogo obshchestva. Usilenie oborony strany (1937 god - itun' 1941 goda), konsul'itatsii, metodiches ie sovety. [Moskva] Mosk, rabochii, 1962, 105 p. (V pomoshch' izuchajushchim istoriju KPSS, no. 14)

Production function of the national economy of the U.S.R. in 1951-1963, B.N. Mikhalevskii, IU. P. Soloviev, Ekon.i mat metod. 2 no.6.823-840 N-D 166.

Progress of the seven-year plan; facts and figures. Agitator no. 18.30-31 S **162.

RUSSIA-ECONOMIC POLICY

Akademita nauk SSSR, Otdelente ekonomiki [Improving planning and administration of the national economy On Academician Stanislav Gustavovich Strumilin's 90th birthday] Sovershenstvovanie planin ovanita i upravlenita naro mym khoziatstvom, K devianostoletiku akademika Stanislava Gustavovicha Strumilina, Moskva, Nauka, 1967, 434 p. All-Union Constructor's Day Strot i dor mash 8

no 81 Ag '63

Contents and structure of the course on national economic planning M. Bor Plan Phoz 43 no 174-78 Ja 167 3 dream and reality. G. Glezerman. Mol. komm. no. 4-

3-10 Ap (61

The economic reform and the principle of material self-interest. N.IA, Merina. Vech. srcd. shkola 9 no 6:80-84 N-D 166.

The first results. N. Garelovskil. Kommunist 13 no 18-52-58 D 166.

An important topic of local broadcasts, V. Zemslova, Part zhizni no, 177-79 Ja 167.

In the State Planning Commission of the R.S. P.S.R. M. Glazunov, L. Chofistov. Plan Phoz. 43 no 191-93

Legal problems concerning the participation of workers in the planning of economic development. IE Monastyrskyr. Rad pravo 29 no 12,59-62 D 166

The organizational and political work should contribute to the solution of new tasks. Komm 1/kr 11 no 1 10-18 Ja 167

Plan for progress and creativeness. Plan. khoz 43 no 13-8 Ja 457

Plans and the market V Starodubrovskii, V mire knig 6 no. 12.5 D '66.

The problem of Lenin's substantiation of the new economic policy E B Genkina Vop ist, KPSS il no, 1 58-70 Ja '67.

Reputs from conference halls. Crechoslovat scholar in Moscow, B 35. Urlants' anniversary, Economic roform and academic studies - Vop. ekon - no. 12 150-152

A scientific approach and businessilke methods are the most important characteristics of party leadership, E Bugaev. Part, thizn! no.1.11-18 Ja 187,

Side!'nikov, I. I. To the soldier about the new five-year plan Voinu o novol platiletke. Moskya, Voenizdat, plan] Voim 1966, 109 p.

Some laws and phases of the development of the com-munist sectoeconomic formation. A.M. Kovaley, Vest, Mosk, un Ser, 8: Filos. 21 no.5:3-13 S-O '66.

RUSSIA-EXECUTIVE DEPARTMENTS

In the State Planning Commission of the R.S.F.S.R. M.Glazunov, L.Chufistov. Plan.khoz 43 no 1 91-83

RUSSIA-FEBRUARY REVOLUTION, 1917-

Beginning of the democratization of the prerevolutionary army during the February Revolution V. I. Miller, Lst, SSSR 10 no. 6 26-43 N-D 166

"Bolshevization" of the Petroga ad Soviet and its class and party structure M. N. Polekhin, Trudy LPI no. 251:16-31 166.

no. 251;16-31 '68.

L'voy, I.A., and P.E.Nikitin. [Lonin in Razliv] Lenin v Razlive. [Leningrad] Lenizdat, 1966. 92 p.

[The Party as the inspirer and organizer of the victory of the Great Octobes Socialist Revolution, March-October 1917] Partitia—vokshnovitei' organizator pohedy velikol Oktiabr '8kol sotsialisticheskol revolutsii (mari-oktiabr' 1917 goda). [Moskva] Mosk, rabochii, 1966 173 p. (V pomoshch' izuchalushchim istoriiu KPSS, no. 7)

RUSSIA-FOREIGN ECONOMIC RELATIONS

Activities of the Chamber of Commerce of the U.S.S.R.; reports. V. Rozon, Nov. vrem. 25 no. 2:16-17 Ja '67.

RUSSIA-FOREIGN ECONOMIC RELATIONS-EUROPE, EASTERN

Helping one another in a fraternal way. N. Babin. Agitator 34 no. 1:10-13 Ja 167.

RUSSIA-FOREIGN PUBLIC OPINION

Diplomats and the foreign press on the revolution in Russia and the events in the Soviet Union. Mezh-dunar, zhizn! 14 no.1:73-84 167.

RUSSIA-FOREIGN RELATIONS

The building of communism and international relations, V. Il'in. Agitator 34 no. 1:8-9 Ja '67.

V. Il'in. Agitator 34 no. 1:6-9 Ja '67.
Chronicle of great accomplishments (to be continued).
Mezhdunar, rhizni I no. 1:140-143 '67.
In struggle for peace on earth. M. Kobrin. Komm. Ukr.
41 no. 1:72-78 Ja '67.
Leninist principles of foreign policy in the work of the
CPSU and the policy of the Soviet state. V. S. Bilete'kyi,
V. P. Men'ehov. Ukr. ist. zhur. 10 no. 12 65-73 D '66.
Mikolacv. P. A. [Policy of the Soviet Union on the German question, 1945-1964] Politika Sovietskogo Soluza
v germanskom voprose, 1946-1964. Moskva, Nauka,
1966. 367 p.

Razmerov, V.V., and D.G.Tomashovskii. [Struggle of the U.S.S.R. against importalist aggression] Bor'ba SSSR protiv imperialisticheskoi agressii. Moskva, Politizdat, 1986. 63 p.

Russia (U.S.S.R.) Komissila po izdanilu diplomatiche-skikh dokumentov. [Documents of the foreign policy of the U.S.S.R.] Dokumenty vneshnet politiki SSSR Moskva, Politizdat, Vol 12 James

a, Politizaat. ol 12 [January 1-December 31, 1929] i ianva-1 ia—31 dekabria 1929 g. Red kollegiia I I Agalants i dr. 1967 815 p.

The sacred duty of our party. M. Ivsinkhin, M. Shatalin, Mol komin, no. 11 41-50 N 161

Struggle of the So let Union against imperialist aggression V Razmerov, D. Tomashevabil Mezhdunar Anzal II no 1-63-72 167

We shall proper we peace and fit aggle for disarmament M Sychev Aguator no 16:26-29 Ag 162

RUSSIA-FOREIGN RELATIONS-CEYLON

Moscow and Colombo, B. Riabov, Nov. vrem, 25 no 8 18-19 F 167

RUSSIA-FOREIGN RELATIONS-FRANCE

Moscov and Paris in December 1966. L Vidiasova Meriduna: zhizof 11 no 1106-113 467

RUSSIA-FOREIGN RELATIONS-GREAT BRITAIN

Gentlemen and crooks or a story of a forgery. Boris
Izakov Nov. viem. 25 no 218-21 Ja '67 Our comments: A contribution to peace Nov. vrcm, 25 no 81-2 F '67

RUSSIA—FOREIGN RELATIONS—HUNGARY

Soviet-Hungarian cooperation Z Milskii Nov viem. 25 no 8 20-21 i 167

RUSSIA-HISTORIOGRAPHY

Characteristics of the social differentiation of Russian peasants in the 17th and 18th centuries as discussed in Soviet historical studies, A.I. Komissarenko, Trudy MGIAI 22 133-119 '65

Development of the socialist culture of Soviet peoples in the interpretation of Soviet historical published in

1956-1963, L. M.Zav. Trudy MGIAI 22,51-77 '65. How Soviet historical studies have described the armed uprising a of 1905 in the provinces. N. N. IAkovicy. Trudy MGIAI 22,79-114 '65.

Problems in the history of the Russian peasant wars discussed in Soviet historical studies, 1917-1934. L.V. Volkov Trudy MGIAI 22 no.151-171 '65,

Recommended methods for the establishment and study of materials relating to the history of Soviet historical science. S. O. Shmidt, Trud, MG141 22:3-49 65.

Soviet historical studies describing Russian mass uprisings in the middle of the 47th century. E.V. Chistia-kova. Trudy MGIAI 22:173-210 '65.

Soviet historical studies devoted to Russian chronicies. V. I. Buganov Vop. ist, 41 no. 12:143-155 D | 66

RUSSIA-HISTORY

Brief notes Vop. ist. 11 no 12 170-173 D 188
Discussing the plan of the "History of the U.S.S.R. from ancient times to our day," vol 6, N A Ivanova Ist. SSSR 10 no 6 205-207 N-D 166
The Children and Machine the Machine of the Control of the Contr

Petr Gribakin, a workingman who was the member of the "League of the Straggle for the Liberation of Workers" M. B. Pereliman, 18t, 888R 10 no 6 105-110 N-D '66,

Recently found story "The stand on the Ugra," IA.S. lutte. Trudy ODRL 18 289-293 '62

Reviews of N. M. Karamzin's "History of the Russian state" in the "Vestnit," a periodical published by M. T. Kachenovskii, I A Kuhlavtsey. Trudy MSIAI 22:21-240 '65.

RUSSIA-HISTORY-BIBLIOGRAPHY

New studies on the history of the U.S.S.R. Ist. SSSR 10 no 6:145-147 N-D 156.

RUSSIA-HISTORY-REVOLUTION OF 1905

Odesskii sol'skokhozialstvennyi institut. Kafedra mark-sizma-leninizma. [40 years of the First Russian Revo-lulion, summaries of a scientific conference, December 1965] 60 let Pervoi russkoi revollutsii; tezisy nauchnoi konferentsii, dekabr' 1965 g. Odessa, 1965. 69 p. (Cst-II)

RUSSIA-HISTORY-SOURCES

Archaeographic yearbook for 1985. In memory of Academician M. N. Tikhomirov] Atkheografichoskii ezhegodnik za 1965 god. Posviashchen pamiati akademika M. N. Tikhomirova. Moskva, Nauka, 1966. 383 p.

[Companions in struggle; letters of V. I. Lenin's associates, 1996-1900] Tovarishchi v bor'ba; pis'nna soratnikov V. I. Lenina, 1996-1900. [Krasnolarsk] Krasnoiarskoe knizhnoo izd-vo, 1985. 251 p.

The 50th anniversary of the Soviet regime. Sets. 2akon. 43 no.12:3-8 D 166.

Icon portraying subjects taken from the history of the Russian state. V.V. Filatov. Trudy ODRL 22:277-293 '60

N.P. Pavlov-Sil'vanskii's materials in the archives of Leningrad, V.A. Murav'ev. Trudy MGIAI 22:279-292

Polovisov, A. A. [Diary of State Secretary A. A. Polovisov in two volumes] Dnovnik gosudarstvennogo sekretarita A. A. Polovisova v dvukh tomakh, Moskva, Nauka, 1066,

Recommended methods for the establishment and study of materials relating to the listory of Soviet historical science. S. O. Shmidt. Trody MGIAI 22:J-19 [65].

Russian historical figures in the freeces of Archanged Cathedral and the literary menuments of the 16th century E 5 Sizov Trudy OBRL 22 261-274 [66] "The Supplication of Daniel the File" - the sculpture of the St. George Cathedral - "The Word of the Downfall of the Russian Land" G K Vagner, Trindy ODRL 22 16-56 [66]

V.V. Shullgin's reminiscences, V. Vladimirov, Ist, SSSR 10 no 6:65-70 N-D 166

"Years"; everple from a book (to be continued). V.V. Shuligin list, SSSR 10 no.6 70-91 N-D '66

RUSSIA-HISTORY, MILITARY

Again in Turkestan B Shapeshnikov Voen -ist, zhur 8 no 12 75-89 D '66

But clay de Tolly on Russian soldiers 1. La ionidov Voen –ist zhut 8 no. 12:105–109 D $^{1}66$

RUSSIA-HISTORY, NAVAL

Shiphuilders and navigators in the Great Northern Expedition A I Dibravin Sudostroenie 55 no 11

RUSSIA-HISTORY, NAVAL-MAPS

Volume 3 of the Maratime Allas devoted to military history L A Demin Mat Old mat geog i kart Geog obva SSSR no 2 16-29 402

PUSSIA-INDUSTRIES

Historical example of the industrial development of the U.S.S. R. L. Voledorskii Kommunist 49 no. 1:17-25 Ja *61.

Paramonov, I.V. [The paths behind us] Puti proidennye. Moskva, Politizdat, 1980. 328 p. (O zhizul i o sebe)

Successful carrying out of the five-year plan; facts and figures. Agitator no.16 13-11 Ag 162

RUSSIA -- INDUSTRIES -- CLASSIFICATION

cussia—INDUSTRIES—CLASSIFICATION
Basis of the formation of incentive funds. Calculation
of group norms in an industrial branch
A, Ostrovskii, A, Sonkin. Sots trud ii no. 12:15-21
D 168.

RUSSIA -- MANUFACTURES

Second year of the five year plan K.Skoverodu. Sev. torg. 40 no.1:2-5 Ja '67.

Soviet historical studies devoted to the Russian largescale manufacturing industry in the late 18th and the first half of the 18th centuries, IU.IA.Rybakov. Trudy MOIAI 22:115-132 '65,

RUSSIA--MANUFACTURES-FINANCE

Economic principle of the formation of stocks of marketable consumer goods V. G. Zarnev Trudy INKH no. 38:40-50 *65.

RUSSIA---NAVY

By the Leninist course, Mor. abor. 10 no 10 3-6 O '66

RUSSIA-NAVY-AVIATION

Greater attention to the naval training of airmen A.F. Balabasev Mor. sbor. 10 no 10 50-52 O '66

RUSSIA -- NAVY-- POLITICAL ACTIVITY

Follow-up of inpublished letters. Komm. Voorugh, Sil 3 no 10.96 My 163.

They should be activists. IU, Gurin. Agitator 34 no. 1: 91 Ja 167.

RUSSIA-POLITICS AND GOVERNMENT

Destruction of the bourgeois state apparatus during the October Socialist Revolution, A. P. Kositsyn. Vop. ist, KPSS 11 no 144-57 Ja '67

[Gazette of the Supreme Soviet of the R.S.F.S.R.] Ved. Verkh, Sov. RSFSR 11 nos. 3-4, 6-7 Ja-F '67.

[Gazette of the Supreme Soviet of the U.S.S.R.] Ved. Verkh, Sov. SSSR 30 nos. 5-8 F '67.

Ropolchikov, V.V. [The mechanism of the Soviet socialist state; summaries of loctures] Mokhanism sovetskogo sotslalisticheskogo gosudarstva, konspekt lektsii. Khar'kov, Khar'kovskii iurid, in-t, 1005. 47 p. (CSt-II)

Kozlov, IU,M. [Correlation of state and public adminis-tration in the U.S.S.R.] Scotnoshente gosudat stvennogo i obshehostvennogo upravienila v SSSR, Moskva, IUrki, lit-ra, 1966, 213 p.

Lente, V.I. [V.I. Lente on Soviet socialist democracy]
V.I. Lente o sovetskol sotsialisticheskol demokratif.
Izd.2., dop. Moskva, Politizdat, 1967. 252 p.

The most democratic system in the world; facts and figures Agitator no. 2.21-22 Ja 162.

Musliumov, I.S. [V. I. Lenin's work "Current problems of the Soviet Government"; lecture for correspondence students] Rabota V. I. Lenina "Ocherednye zadachi So-vetskoi ylasti"; lektsida dila studentov-zaochnikov, Baku, Azerbaidzhanskii pedagog, in-t iazykov, 1966. 24 p. (CSt-H)

RUSSIA-POLITICS AND GOVERNMENT (Continued)

[People's control, a textbook for students of people's uni-People's control, a technok for students of people's universities and faculities of people's controlities! Narochylkontrol', uchebnoc posoble dia sinshatelet narodnykh universitety, fakul'tety narodnykh kontrolerov, [Moskya, Zhanit, 1966] 159 p. (Narodnyt universitet Fakul'tet provovykh znanit, nos. 11 12)

ome theer circal problems concerning the Constitution and governmental structure of the Soute trate. Additional governmental structure of the Soute trate. Additional State of the Soute trate. The south of the Sout 1967. 69 р

A state burn of the October Revolution - A. Kositsyn Agriator - 34 no. 24 6-10 D 166

Vasenin, V.K [Deputies of local Soviets] Deputat mest-mogo Soveta Moskva, IUrid.lut-ry, 1967 77 p

RUSSIA—RELATIONS (GENERAL) WITH BULGARIA How Bulgarian workers studied the progressive experi-ince of the Soviet laboring classes, 1949-1987. A. (Doronchenkov Vop.) at alaw no 2 221-229 (of

RUSSIA-RELATIONS (GENERAL) WITH CZECHO-

Collected articles devoted to Russian ideological contacts with Czechs and Slovaks I.P. Paylova, 1st SSSR 10 no 6171-176 N-D 466

History of Soviet cultural contacts with Czechoslo vakia, T. I. Baskakowa Vop. 1st Slav. no. 2 230-238 366.

RUSSIA—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES

International relations of the Soviet radio and television.

Kh Sarkisov Sov radio i tel. 12 no.5 38 My *63.

RUSSIA-RELATIONS (GENERAL) WITH ITALY

The Second Meeting of Soviet and Italian Historians. N O. Fomolova, P. G. Ryndiumskin let SSSR 10 no 6 167-172 N-D 166

RUSSIA-REVOLUTION OF 1905

How Soviet historical studies have described the armed up isings of 1905 in the provinces. N. N. IAFovley, Trudy MGIAI 22 79-11+ 465

Role at the Russian democratic intelligents a in the Revolution of 1905, 1907. L. K. Friman. Vop. 181 - 41, no. 12, 23-38, D. 165.

RUSSIA-REVOLUTION OF 1905-SONGS AND MUSIC

"The Great Prologue (the year 1965) "From the cycle
"Living pages of history " 12, A, Grokhol's kaia Vec sted. shvolu 9 no 6;9-11 N-D '66

RUSSIA-REVOLUTION, 1917-1921

A calendar of the October Revolution Komm, Ukr. 41 no 1:36-37 Ja 167,

The Committee for Studying the flistory of the Great October Revolution prepares for the colobrati the anniversary S. M. Khatskin, V.I. Miller SSSR 10 no.6 202-205 N-D 166

Destruction of the bourgeois state apparatus during the October Socialist Revolution A P Kositsyn Vop. 1st KPSS II no.141-57 Jn 167

Diplomats and the foreign press on the revolution in Russia and the events in the Soviet Union Mezhdunar zhiza! 11 no 173-81 '67

The Great October Socialist Revolution and the solving of the agentian problem P Pershin Ekon selt how 42 no 12:7-20 D 156

How the Communist Party struggled against the violation of the I eninist principles of the sortalist rouganization of agriculture in 1918-1919. V. A. Brychkin Trudy LPI no 261:42-48 '66

The immediate and general revolutionary situation.

N G. Levintov. Vop ist KPSS 11 no 1 109-114 Ja 167

Kotolev, B.1. [The party - inspiret and organizet of the victory of the Great October Socialist Revolution, March-October 1917] Partita - vdokhnovitel' i organizator pobedy Velikol Oktiabr'skoi sotsialisticheskoi revollutsti, mart-oktiabr' 1917 g. Moskva, Izd-vo polit. lit-1y, 1986. 84 p. (Uchebno-metodicheskie posobiita k izuchenito istorii KPSS) (CaOTU)

The Kremlin in 1918 A. Loginov. Agitator 34 no. 24:11-

A Kronshtadt seiler werked as a Belshevil propagandist in Volyn' Province, S.A. Lypke, Ukr. ist, zhur, 10 no. 11;116-116 N '66.

Lenin, V.I. [On the Great October Socialist Revolution]

O Voltkol Oktiabi 'skoi sotsialisticheskoi revoltutsii.

Izd. 2. Moskva, Politizdat, 1986. 383 p.

Leningrad recalls,.. The 50th anniversary of the Soviet regime, Nov. vrem. 25 no 2.4-8 Ja '67.

Lenin's documentary materials relating to public educa-tion, October 1917-January 1923. Sov. pedag 30 no. 6 109-124 Je '66

People are born for happiness. A. Alekseeva. Mol. komm no 11:86-94 N '61

Priceless heritage. A. Eventov. Sov. professiony 22 no 23.26-27 D 166

The Socialist Revolution and the school (1917-1918). F. F. Korolev, Z. I. Ravkin, Sov pedag 30 no. 8 89-102 Ag 166.

Some errors in a book. I.M. Rargon, M.E. Plotnikova, S.P. Pominyi h. Ist SSSR 10 no.6216-218 N-D 186

Some problems of the February Revolution, I A Abif Vop 1st KPSS 11 no 117-31 Ja 467

The voice of the revolution. V mire knig 6 no. 11.5

We will celebrate in a proper manner the 46th anniversary of the Great October Socialist Revolution proize no li l N 63

RUSSIA-REVOLUTION, 1917-1921-ANNIVERSARIES, ETC.

Decision of the Central Committee of the CPSU of Jamins 1, 1007 on preparations for the 50th anniversary of the Great October Socialist Revolution | Kommunist 13 no 1 3-16 Ja '67

The 50th anniversary of the Soviet regime – Sots zakon 13 no 12 3-8 p $^{\rm 106}$

Let us prepare for the glorious anniversary. Part. zluzni no 1 46 Ja 167

On preparations for the 50th anniversary of the Great October Sucrement Revolution, Nov. viem. 25 no 3 33-40 Ja 167

With the light of the October Revolution; how to organize an exhibition on the occasion of the 50th anniversary of the Soviet regime. L.Lapalo, Agitator 31 no.1. 28-32 Ja '67,

A worth velcome to the 50th anniversary of the October Revolution - Kryl rod - 17 no 9.1 S $^{1}66$

RUSSIA—REVOLUTION, 1917-1921—CAMPAIGNS

A chronicle of heroic battles. Voca -ist zhur, 8 no 12; 110-111 10 $^{16}\mathrm{G}$

Lenin, V.I. [Wartime correspondence, 1917-1922] Voen-maia porepiska, 1917-1922 gg. Moskva, Voenizdat, 1966.

RUSSIA-REVOLUTION, 1917-1921-HISTORIOGRAPHY

Livov historians prepare for the 50th anniversary of the Great October Revolution, A S. Zashkil'niak Vop 191. 11 no 1 146-117 Ja 487

RUSSIA-REVOLUTION, 1917-1921-INFLUENCE

The October Revolution and our time V.T. Nizhnikov. Vech. ared shkola 9 no.6:15-18 N-D 168

RUSSIA-REVOLUTION, 1917-1921-NAVAL OPERA-

By order of the revolution, G.I. Levchenko, Mor shor 49 no.10 to-11 O '68

The fire of desire serving the republic. I.P. Chainvahev Mor Shor. 19 no.1019-21 O 166

On the "Samson" during the October Revolution, V F. Kuprevich Mor shot 49 no 10 11-18 O '68.

RUSSIA-REVOLUTION, 1917-1921-PERSONAL NARRATIVES

Shortsov, I.B. [Special assignment] Osoboc zadanic. Izd. 2., ispr. i dop., Moskva, Politizdat, 1965. 142 p. (NIC)

RUSSIA-STATISTICS

The five-year plan. The second year; facts and figures. Agitator 34 no. 1:14-18 Ja '67.

Processing of telegraphic reports on the gross output at the Central Computing Station of the Central Statis-tical Association of the U.S.S.R. V Braga, A. Ivanov Vest stat. no. 12 53-50 166

RUSSIA-STATISTICS-YEARBOOKS

[National economy of the R. S. F.S. R. in 1965; a statistical yearbook| Narodnoc khozlaistvo RSFSR v 1965 godu; statisticheskii ezhegodnik. Moskya, Statistika, 1966. 615 p.

[National economy of the U.S.S.R. in 1965, a statistical yearbook] Narodnoc khoziaistvo SSSR v 1965 g.; statisticheskii ezhegodnik. Moskva, Statistika, 1966.

RUSSIA-STATISTICS, VITAL

Vital population statistics in the U.S.S.R. Vest. stat. no.12:80-90 '86.

RUSSIA-UNDERGROUND LITERATURE

Historical discoveries, Ist. SSSR 10 no. 6:200-201 N-D 166.

RUSSIA, NORTHERN-ARCHITECTURE AND CLIMATE Building in cities of the first climatic construction zone A Sakharov, A Gerburt-Geibovich Zhil stroi no 12: 11-14 66

RUSSIA, NORTHERN-DYSENTERY-MICROBIOLOGY Some problems of dysenterial epidemiology in the For North. G. G. Mirzoev. Zhur mikrobiol, epid. I immun 33 no 6:32-37 Je '62.

RUSSIA, NORTHERN-FIELD MICE

Role of votes in epizooties of tundra rables of arctic for, L. M. Siuziumova. Vop virus. 11 no. 5-593-590 S-O '66.

RUSSIA, NORTHERN-GAME AND GAME BIRDS Leble, B.B. [Game animals and birds of the North]
Okhotnich'i zvori i pittsy Severa. [Arkhangel'sk] Severo-Zapadnoe knizhnoe izd-vo, 1065. 134 p. RUSSIA, NORTHERN-LABOR LAWS AND LEGISLATION Answering our readerst questions. Sov. iust. 30 10, 23:

RUSSIA, NORTHERN-PINE

Levin, V.I. [Pine for ests of the European North; thusture, growth, and evaluation of stands] Sosniaki Europear-skogo Severa, stroenie, rost i taksatsila drevestory Moskya, Lesnata promyshlennost, 1966–151 p

RUSSIA, NORTHERN-RABIES

Role of votes in epizacties of funding ables of an effective L M Sinziumova Wop virus H no 5 503-508 (ac)

RUSSIA, NORTHERN-RAILROADS-SNOW PROTECTION AND REMOVAL

Komatov, A.A. [Prevention of snow drifts on the roads beyond the Arctic Circle] Predupiczhdenie snochnykh zanosov na dorogakh Zapoliar'ia Novosibirák, Rodiktsionno-izdatel'skii otdel SO AN SSSR, 1965. 157 p.

RUSSIA, NORTHERN—ROADS—SNOW PROTECTION AND REMOVAL

Komatov, A.A. [Prevention of snow dilits on the touls beyond the Arctic Clicle] Preduprezhdenie snezhnykh zanosov na dorogakh Zapoliar la Novosibirak, Reliktsionno-izdatel'skii otdel SO AN SSSR, 1985. 187 p

RUSSIA, NORTHWESTERN-CUCUMBERS

Meshcherov, E. T., and G. B. Boos, [Cucumbers] Ognitav. [Lenling; ad] Lenlizdat, 1965, 72 p. (DNAL)

RUSSIA, SOUTHERN-AFFORESTATION

Founder of protective forest cultivation on southern toads. F.V Buriak Put'l put khoz 10 no. 12,10-

RUSSIA, SOUTHERN—GEOLOGY, STRATIGRAPHIC

Yasnaya Polyona super hor from on the southenstern alog-of the Voronezh Massit. G. M. IA: ikov. Uch. / np. Velg gos. ped inst. no 18,119-163 '64.

RUSSIA, SOUTHERN—SAIGA—DISEASES AND PUSTS Murrain of satgas. I. Z. Klimchenko. V. M. Funauchkin Trudy Gos nauch -issi protivochum inst 10:201-2:2

RUSSIAN DRAMA—HISTORY AND CRITICISM

We shall never forget the heroes of this play. V. Max-simenso, O Spasskit. Mat. komm no. 3:119-119

RUSSIAN ECONOMIC ASSISTANCE see Economic ussistance, Russian

RUSSIAN ESSAYS-HISTORY AND CRITICISM

Vinogradov, I. I. [Responsible to the times; notes on the rural sketch of the tifties] V otvete u viemeni, zametki o delevenskom ocherke platidesiatykh godov. Moska 1, Sov. pisatol', 1986, 191 p.

RUSSIAN FICTION-HISTORY AND CRITICISM

Nature themes in the Russian democratic prose in the statics of the 16th century (N Pominlovskii, N (1spens)).

I Reshetnikov, V Sleptsov) V A Nikol'skii 31th
/ap Kal gos ped inst 13;22-25 '65

RUSSIAN LANGUAGE---COMPOSITION AND EXERCISE 9

Akadomila pedagogicheskikh nauk RSTSR, [Creative compositions in senior grades; on literary thomes]
Two cheskie sochinentia v starshikh klassakh; na literaturnye temy. Pod red N.V.Kolokoffiseva. Moskva, Prosvoshchenie, 1966. 164 p.

Litvinov, V.V. [Compositions in the upper grades of the secondary school Sochimenia v starshikh klassikh srednet shkoly. Moskva, Prosveshchenic, 1905. 100 p. (MIC)

RUSSIAN LANGUAGE-CONVERSATION AND PHILASE BOOKS

Khavronina, S. [Speak Russian] Govorite po russki.

2. izd. [spi. Moskva, Progress [1966] 207 p.
(CaOTU)

RUSSIAN LANGUAGE-DIALECTS

(see also subdivision under Tambov Province) Dialectological atlas of Russian. L. Tesnière. Von. iaz. 15 no 5'll0-l20 S-O 166.

RUSSIAN LANGUAGE—DICTIONARIES—AZERBAIJANI Russian-Azerbaijani medical terminology Azerb med zhu no 3:83-88 Mr '62

RUSSIAN LANGUAGE—FOREIGN WORDS AND PHRASES A dictionary of winged and foreign words. Agitator no 2, $53~\mathrm{Ja}^{-6}62$

RUSSIAN LANGUAGE-GRAMMAR

[Practical grammar, brief information on ctymology and syntax) Prakticheskaia grammatika; kratkie svedenlia iz etimologii i sintaksisa. [Moskva? 106-] 77 p. (DGW)

RUSSIAN LANGUAGE-NOUN

Plianovatata, S.S. [Nouns of measure and value in modern Russian; a textbook] Razmerno-otsenochnye iment sushestvitel'nye vosvrencenom russkom lazyke, uchebnoe posobie. Moskva, M-vo vysshego i si ednego spelsial'nogo obrazovaniia RSFSR, 1961, 119 p.

Avademtia nauk SSSR, Institut russkogo iazyka, [Dic-Honary of the Old Russian language of the Ilth-14th cen-turles, introduction, instituctions, list of sources, arti-cles with examples] Slovat' dievnerusskogo iazyka XI-XIV vv., vvedenie, instituktsiia, spisok istochnikov, probnye stat't. Pod red. R. I. Avanesova, Moskya, Nauka, 1966. 301 p.

RUSSIAN LANGUAGE-ORTHOGRAPHY

Akademila nauk SSSR, Institut russkogo iazyka, [Orthog-raphy and the Russian language] Ortografija i ruskii iazyk, Moskva, Nauka, 1966, 132 p.

Algazina, N.N. [Preventing spelling errors among students of grades 5-8, a textbook for the teacher] Preduprezhdente orfograficheskikh eshibok uchashchikhsla V-VII klassov, posobie dila uchitelia. Moskva, Prosysshchenie, 1965. 279 p. (CtY)

Baranov, M. T. [Work with orthographical errors in grades 5-8; from a teacher's practice] Rabota nad ortegn afficheskimi oshybkami v V-VIII klassakh, iz opta uchitel'a. Pod red. G. P. Firsova. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1862. 46 p. (Pedagogicheskie chienlia)

RUSSIAN LANGUAGE—PARTICIPLE

Adjectivation of participles in its relation toward formation, V.V Lopatin Vop 122, 15 no 5.37-17 S.O. 366

RUSSIAN LANGUAGE-PHONETICS

Ermolenko, I.N. [A collection of ever cises in the phone-tics of the Russian language, a textbook for foreign stu-dents of the philological faculty.] Shornik uprachaenif po fonetike russkogo lazyka, posobie dila studentov ino-strantsov filologicheskogo fakul'teta. Moskva [Univ. Gruzhby narodov] 1964. 38 p. (MIEM)

RUSSIAN LANGUAGE-SPOKEN RUSSIAN

A book needed by att. Et. Khanpira. Nov. mir 30 no. 3:276-276 Mr 163

RUSSIAN LANGUAGE-STUDY AND TEACHING

RUSSIAN LANGUAGE—STUDY AND TEACHING
(see also subdivision under Zaporozh'yo)

Rozhdesivenskil, N.S. [Methodology of teaching elementary Russian; for faculties preparing primary school teachers in the pedagogical institutes] Metodika nachalinge obuchenila reskomu Layku, dila fakul'teto podgotoki uchitelei nachalindi shkoly pedagogicheskikh institutor. Moskva, Prosveshchenie, 1965. 346 p.

(Mail) tutov. Mos (NcU)

The Russian language and literature. V IUrkovskaia, V.IUrkovskii Nat obi no 12:71-71 D *66

<u>Sukhobskaia, G.S.</u> [Acquisition of knowledge of the Russian language by students of evening school] Usvoenie zannii po russkomu lazyku uchashchimsia vechornikh shkol. Moskva, Prosveshchenie, 1966. 77 p ahkol. Mo (NIC)

Use of the present tense verbs by deaf children trained in kinder gartens upon their entering a school. G.S. Averikhina, Uch.zap MGPI no.219;245-248 464.

Working on synonyms in primary grades of the schools for the deaf, L A Krolkova, Uch.zup. MGFI no. 219; 229-214 '84.

229-214 'Exclinishala, IU.I. [Didactic material on the Russian language for the third grade of the two-group school] Didakticheskii material po russkomu lazyku dila III klassa dvukhkomplektnoi sikloly. Ed.3. Moskva, Gus.uchebno-pedagog.izd-vo, 1962. 199 p. (OUI

RUSSIAN LANGUAGE—TERMS AND PHRASES

Arkhangel'skil, V. L. [Set phrases in modern Russian;
principles of the theory of set phrases and problems of
general phraseology] Ustoichivye frazy v sow emoniom
russkom lazyke, osnovy teorii ustoichivyh fraz i problemy obshchel frazeologii, [Rostov-na-Donu] izd-vo
Rostovskogo universiteta, 1904, 314 p.

(Mill) (MIU)

Political vocabulary, Agitator 34 no. 23-52 D 166.

RUSSIAN LANGUAGE—TEXTBOOKS FOR FOREIGNERS Merzon, S.N., T.N. Palem, and Z.V. Smirnova, Col-lection of exercises on the development of the spoken language; based on the study of grammatical subjects (the adjective). A textbook for foreign students | Sbor-pik uprazimenti po razvititu usinot rechi; na osnove izuchenita grammaticheskikh tom (imia prilagatel'noe). Posobie dlia uchashchikheia-inostrantsev. Pod red. S.N. Merzon. Moskva, MEI, 1966. 122 p.

RUSSIAN LANGUAGE—TEXTBOOKS FOR FOREIGNERS-LATVIAN

Bebris, L.IA., and L.A. Liubimova. [Russian language; a textbook for the second grade with Latvian as the lan-guage of instruction] Russkii iazyk; uchebnik dila II klassa s latyshskim lazykom obuchendia. Riga, Latvitskoe gos, izd-vo, 1965, 213 p. illus. (insert)

RUSSIAN LANGUAGE-VOWELS

Alternation of e-o in the modern Russian literary language 1 M Latiner Vop iar 15 no 5 t4-80

RUSSIAN LANGUAGE-WORD FORMATION

Adjectivation of participles in its relation to word formation V V Lopatin Vop laz 15 no 5 37-17 S-O '56

RUSSIAN LITERATURE-BIBLIOGRAPHY see Bibliography—Russian literature

RUSSIAN LITERATURE—CRITICISM, TEXTUAL

Studying the composition of collections in order to elucidate the text of works D.S. Likhathev. Trudy ODRL 18:3-12 '62,

RUSSIAN LITERATURE—HISTORY AND CRITICISM (see also subdivision under Japan)

Academic sessions of the Group on the Study of Old Russian Literature of the A. M. Gorkti Institute of World Literature of the Academy of Sciences of the U S 5, R in 1960 Trudy ODRL 18 600 162,

Academic sessions of the Section of Old Russian Litera-ture of the Institute of Russian Literature (Pushkin House) of the Academy of Sciences of the U.S.S. R in 1960 and 1961 Tandy ODRL 18-586-509 162

Akademila nauk SSSR. Institut mirovol literatury. [Old Russian literature and its relation to modern times] Dievierusskan literatura i ee sylazi s novym viemenim. Moskva, Nauka, 1967. 390 p. (Issiedovania i materialy po drevnerusskoi literature)

Comparative study of the literature and art of Ancient Russia D S Lithachev Trudy ODRL 22 3-10 56 Genie traits of ohl Russian "travels", V. V. Danilov, Trudy ODRL 18:21-37 62

Italian book on the history of Old Russian literature. I.S. Dutchey Trudy ODRL 18:552-568 '62.

Modorn Soviet Heraiure] Soviemomala sovelskala Heraiura, Moskva, Znante, 1986, 156 p (Narodnyi universitet Fakul'tet literatury I iskussiva, nos. 11/12) New copy of the tale on the French noblemen Aleksandi. G.N. Molseeva Tiudy ODRL 18:591-593 '62.

Old Russian literature in a textbook on the history of books. D N Albhits, N.N. Rozov. Trudy ODRL 48 588-590 462.

Recently found story "The stand on the Ugrn. " IA. S.

Tradition and unovation in the "women's tale" gent, iterary analysis, Natalia Il'ina. Nov.mi: 39 no 3; 221-230 Mi '63.

A work about Ivan the Terrible found again. L. A. Dmitrley Trudy ODRL 16:374-408 162

RUSSIAN LITERATURE—HISTORY AND CRITICISM— BIBLIOGRAPHY see Bibliography—Russian literature— History and criticism

RUSSIAN LITERATURE—STUDY AND TEACHING (see also subdivision under Japan)

Brazie, T.G. (Problems of the teaching of literature in grades 5-6 of the evening (shift) school Vopcosy prepo-davanila literatury v-VIII klassakh vecheraci (smennot) shkoly, Moskva, Prosveshchente, 1965, 199 p. shkoly, h (NIC)

The Russian language and literature. V IUrkovskiia, V.IUrkovskii, Nar obi no.12:71-71 D '66

RUSSIAN LITERATURE—TRANSLATIONS FROM FOREIGN LITERATURE

Problems in the study of the translated literature of ancient Russia, V.D.Kuzimina, Trudy ODRL 18: 13-20 '62,

RUSSIAN LITERATURE—TRANSLATIONS INTO FOREIGN LANGUAGES—BIBLIOGRAPHY see Bibliography— Russian literature-Translations into foreign languages

RUSSIAN NEWSPAPERS

Organs of the party control of governmental agencies and the Soviet press. O. A. Pozeintakov. Trudy LPI no. 251;80-86 *166. Problems of moral education and the press. L. Tolkunov. Kommunist 43 no. 2;73-84 F *87.

RUSSIAN NEWSPAPERS-INDEXES

[Chronicle of newspaper articles] Let. gazet. st. no. 12

RUSSIAN PERIODICALS

(see also subdivision under Voronezh) Readers' conferences, Vop. isi, KPSS 11 no. 1/147-151

Ja '67. A review of periodicals. V mire knig 8 no. 11:18 N 166.

RUSSIAN PERIODICALS—INDEXES

[Chronicle of periodical articles] Let, zhur. st. nos.1-4, '67, Vapomogatel'nye ukazateli k nos.1-13 za 1966 g. The 40th anniversary of the "Letopis' zhurnat'nykh statel," L. M. Korchagina Sov. bibl no 5 101-104 '66

RUSSIAN PLATFORM-BORING

[Practical work on the geology of the U.S.S.R., Russian Platform] Praktikum po geologii SSSR, Russkata plat-forma, [By] M.F. Mikunov i dr. Moskva, Vysshata shkola, 1066, 109 p.

RUSSIAN PLATFORM---BRACHIOPODA, FOSSIL

Stages of de clopment of Brachtopoda and Namur stratigraphy. S. V. Semikhatova. Binl. MOIP. Old geol no 4-73-101 Jl-Ag 466.

RUSSIAN PLATFORM—CHEMICAL ELEMENTS

Accessory chemical elements in Sands of Middle Jurassic continental sediments in Vyatka Kama depression of Russian Plytform P.V. Ivashov. Lit i pol iskop no 6 137-142 N-D 166.

RUSSIAN PLATFORM—GEOLOGY, STRATIGRAPHIC

Stages of development of Brachiopoda and Namur strati-S V. Semiliatova Biul MOIP, Old gool, il по. 4 73-101 Л-Ад 66.

RUSSIAN PLATFORM-GEOLOGY, STRUCTURAL

New data on geology of central and northwestern regions of Russian Platform A Sh. Fa clison Sov gcol 0 no 12 115-118 D 466

Structure of crystalline basement of eastern regions of Russian Platform A. 14, 1Arosh Blul MOIP, Otd. geol 41 no 1917-118 JI-Ag '66

RUSSIAN PLATFORM—RIMBERLITE

Deep faults as a factor conductive to the detection of kimber lites in the Russian Platform, V O Rushitskii Trudy VGU 537-15 165.

RUSSIAN PLATFORM-PALEOBIOLOGY

Patrobiological facies and methodology of their separation, as revealed by study made in Community busin in southwestern part of Russian Platform, V. A. Sobetskii. Paleont, zhur, no. 4·19-30 '66,

RUSSIAN PLATFORM-ROCKS, SILICEOUS

Conditions governing accumulation of Upper Junassic still cours sediments in southern part of Russian Platform N E kanskii Dokl ANSSR 171 no 2 150-152 N '66

RUSSIAN POETRY-CRITICISM, TEXTUAL

"Vozzni strikusy" in the "Lay of the host of Igor. " D. S. Likhachev. Trady ODRI 16:587 162.

RUSSIAN POETRY-HISTORY AND CRITICISM

(see also subdivision under Siberia)
"Moral and spiritian" verse in a 18th century copy.

A. V Podneev Trudy ODRL 18,309-310 '62.
A new copy of the "Cplattle of an enemy of the court,"

I. F. Golubev. Trudy ODRL 18;326-328 '62.

Our poetesses, N. Barskain, V mire knig 6 no. 10: 32-33 O 166,

Simeon Poloiskii's "Verse psalter" and 18th century Russian poetry, L. Z. Serman, Trudy ODR! 16:214-232 162.

"Unspoiled waist." VI. Tarov. V mire knig 6 no. 11 30-31 N '86.

RUSSIAN POETRY-STUDY AND TEACHING

Teenagers and poetry, V. Razova. Biblioteker 44 no. 1:31-38 Ja 167.

RUSSIAN SOCIAL DEMOCRATIC PARTY

RUSSIAN SOCIAL DEMOGRATIC PARTY

The Bolshevik Party was the leader and inspirer of
the victory of the Great October Socialist Revolution
V. Orlov. Komm Ukr. if no 12, 19-58 D 468

[Companions in strugglo; letters of V.I. Lenin's associates, 1808-1900] Tovarishchi v bor'be; pis'ma soratnikov V.I. Lenina, 1896-1900. [Krasnolarsk] Krasnolarskoc knilatnoc izd-vo, 1965. 251 p.

Hiegal and legal activities of the Bolsheviks in 1910-1914.
N.V. Telegin. Trudy I.Pl. no, 251452-41 168

immortality of our cause. V mire and 6 no. 10-3

O 166.

The Leninist Control Committee of the Porty during the October Revolution. B. N. Kameshkov Trudy 1 Pl no. 261:5-15 '66.

Molecenko, P. A. [Reminiscences of an old revolutionary]

Vospominaniia starogo revoliutsionera, Moskva, Mysi', 1964 275.

1966, 275 р.

[The Party as the inspirer and organizer of the victory of the Great October Socialist Revolution, March-October 1917] Partita—vdokhnovitel' i organizator pobedy veli-koi Oktiabr'skoi sotsialisticheskoi revolutisti (nart-ok-tiabr' 1917 goda). [Moskva] Mosk. labochti, 1966. 173 p. (V pomesheh' izuchatushchim istoritu KPSS, no. 7)

The party of social democrat internationalists, A.M.

The party of social democrat internationalnata, A.M. Sovokin, Vop. ist KPSS 11 no. 1.77-87 Ja '07. Shovoley, A.G. [Fratornal cooperation of Polish socjal democrats with the Bolsheviks in 1903-1910] Bratskoe sotrudnichestvo pol'skikh sotsial-demokratov s bol'shovikami v 1003-1910 gg. Ktov, Izd-vo Klevskogo univ., 1906, 259 p. (CSt-II)

Strategy and tactics of the CPSU in the basic phase of its struggle for communium. S. H. Finchetov. Ukr. ist, zhur. 10 no.11:66-77 N '66.

ROSSIAN SOCIAL DEMOCRATIC PARTY-PERIODICALS

Circulation of the periodical "Prikubanskie stepl" in the Donets Basin, 1915-1917. A. M. Sledina. Ukr. iet, zhur, 10 no. 11:138-138 N '66.

Efforts of the Bolshevik press to develop Russo-Polish proletarian contacts, 1910-1914. B. 1A. Tabachnikov, Vop. ist, slav, no. 2:186-207 '66.

RUSSIAN STUDIES

(see also subdivision under United States)

V. I. Lenin on the hour goods studies devoted to the history of the Great October Socialist Revolution. H. H. Chernyth, Ukr, 1st, zhur. 10 no. 11-3-12 N 466.

RUSTAVELI, SHOTA, ft 1190

Fight hundred veries since the birth of Shota Rustavell, V I chedev Sor pedag 30 no. 12 146 D '66. "The man in the partier's skin" and the problem of the renal sance of formanticism N I Kontad Nar Az I Afr no 6 78-83 '66

Marr, N.IA Problems of the Vepkhistkaosani and Visairr, N. M. [14] obiems of the Vepkiistkaosani and Vis-ramiani] Voprosy Vepkiistkaosani i Visramiani Pod-gotovka shoruka k pechati, issledovanie, kommentarii i primechaniia I. V. Megrelidze. Tbilisi, Metsniereba, 1966 292 p [Russian and Georgian]

Shota Rustaveli, and his poem "The man in the panther's skin " G N Dziblad'e So, pcdag 30 no. 12:26-33 D *66.

RUSIS (FUNGI) see subdivision under Maritime Territory

RUTCHENKOVO (UKRAINE)--COKE PLANTS--EQUIP-MENT AND SUPPLIES

A method of replacing platforms in car dumpers, V.K. Mikhailov, V.S Baranov Kors i khim, no 12 47-

RUTHENIA see Transcarpathia

RUTHENIUM

Study of electrochemical behavior of ruthenium electrodecatalyst by means of the charge curves method T.N. Stoianovakata, G.P Khomchenko, G D Vovchenko Vest Mosk un Sei, 2. Khim 17 no 5-39-33 S-O 162

BUTHENHUM ANALYSIS

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Compounds of ruthenium (III) hydi ovoethylenediamine tetraacetate with oxygen NA Ezerskaia, TP Solovykh Zhur neorg khim II no. II 2569-2574 N :66,

Nitrosonitro complex compounds of ruthenium V.N. Pichkov O.E., Zviagintsov, N.M. Sinitsyn, Zhu neorg Phim, 11 no 11 2560-2568 N. 166

Reaction of ruthenium compounds with sulfuric acid. S.I Ginzburg, M I IUz Po, T A. Fomina Zhur, neorg, khim Il no Il 2551-2553 N '66

RUTHENIUM SULFATE

Green ruthenium sulfate. S I Ginzburg, M. I. IUz'ko, T. A Fomina Zhu: neoig khim ll no, ll 2554-2559 N '66

RYAZAN—TEXTILE FIBERS, SYNTHETIC

Centralization of accounting in synthetic fiber enter-prises. A. Samsonov. Bukhg, uchet no. 11:17-20 N

RYBINSK HYDROELECTRIC POWER STATION-HYDROLOGY

Underviater speed regime in constant discharges of Rybmsk Hydroelectric Power Statton N.V. Butorin, V.P. Kurdin, S.N. Tachalov Sbor rab Ryb gidromet, obser. no 3 92-98 466

RYBINSK RESERVOIR

Tachalov, S. N. [On the Rybinsk Sea] Na Rybinskom more. [Aroslavl', Verkline-Volzhskoe knizhnoe izdmore, l'Aroslav vo, 1966, 94 p.

RYBINSK RESERVOIR-HYDROLOGY

Approximate method for calculation of maximum height of waves based on mean period of waves V.F.Gushchin, Sbor, rab, Ryb. gidromet obser. no 3 61-74 166.

Some data on wind currents in Rybinsk Reservoir. A.S. Litvinov. Sbor. rab, Ryb.gidromet, obser. no. 3 50-60 '66

RYBINSK RESERVOIR-HYDROMETEOROLOGY

Effect of hydrometeorological conditions on turbidity process in Rybins! Reservoir N.A Ziminova, Sbor.rab. Ryb gidromet obser. no. 3 160-166 168.

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Methodology and results of observations on bottom soil temperatures of Rybinsk Reservoir. S.N. Tachalov Sbor rab. Ryb. gidromet, obser. no 3 3-23 166.

RYBINSK RESERVOIR-TURBIDITY

Effect of hydrometeorological conditions on turbidity process in Rybinsk Reservoir N.A. Ziminova. Sbor rab. Ryb gidromet. obser. no 3 160-166 466.

RYBINSK RESERVOIR REGION—SEDIMENTATION AND DEPOSITION

Distribution of sediments in Rybinsk Reservoir region, L. A. Gushchina. Sbor, rab. Ryb. gidromet obser. no. 3: 167-180 166.

RYBINSK RESERVOIR REGION-WINDS

Wind regime in Rybinsk Reservoir region, L. A. Gushobina Shor. 1 ab. Ryb. gidromet, obser. no. 3 109-159

RYC -- DISEASES AND PESTS

Effect of just infection on amino acid composition in leaves of Partizanta variety tye N. A. Kiseleva Dokl. AN BSSR 10 no. 10 796-799 O 166

SACCO, NICOLA, 1891-1927

Sacco and Vanzetti..., you immember them. IA. Shinarev-skii Sov profesiury 22 no 21 40 D 166

SAFONOV, BORIS FEORTISTOVICH, 1915-1942

Kurzenkov, S.G. [Air ace] Vozdushnyi as. Moskva, DOSAAF, 1966. 43 p. (Molodezhi o gerotakh i podvigakh)

SAFRANINE

Extraction-photometric determination of phosphorus as reduced saftentine phosphoromolybdate F. P. Sudakov V. I. klitina, T. IA, Denishova, Zhui anal, khim 21 no il 1343-1341 [66].

SAIGA-DISEASES AND PESTS are subdivision under Russia, Southern

SAINFOIN

(see also subdivision under Issvkkul' Depression) High-yield grass. M. Gorbatenko. Zemledelie 28 no. 12 25 D 166

SAKHALIN-CHUM SALMON

Walb) to current speed and predatory fishes A, N Kanid'ev Trudy MMER no 12:101-111 '66

SAKHALIN-CONSTRUCTION INDUSTRY

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SAKHALIN-CONSTRUCTION INDUSTRY-MANAGE-MENT

Scientific organization of labor at construction tobs in Sakhalin, G. Kormenko, Na, Stroi, Ros. 7 no. 11:10-20 N '66.

Subcontract method among mechanics. A. Grushevskii. Na. Strot. Ros. 7 no. 11.8-9 N '66.

SAKHALIN-FISHERIES

The sea gives its riches to the brave. N. Redkokasha Agitato: no. 16: 10-42 Ag 162

SAKHALIN—PETROLEUM—MICROBIOLOGY

Mycobacteria isolated from formation water 9 of oil fields in northeastern Sakhalin I, K, Norenkova Mikrobjo-logiis 35 no 5:890-893 S-O 166

SAKHALIN-RADIO IN THE CONSTRUCTION INDUSTRY

Radio communications in management of construction, V. Gorelbin, V. Illin, Na. Stroi. Ros. 7 no. 11;10 N

SAKHALIN-SALMON

Calcium accumulation by embryos and young salmon in Murmansk and Sakhalin hatcheries L. D. Zhiteneva Trudy MMBI no 12:91-100 '68.

SAKHALIN-SCHISTS-ELASTIC PROPERTIES

Elastic wave velocity under pressures of up to 10,000 kg wt per om in chlorite schists of southern Sakhalin, M P. Volerovich, M F Skorikova, I.S. Tomashevskaia, Trudy Inst. ftz Zem no 3761-67 166.

SAKI (UKRAINE)-CHEMICAL PLANTS

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SALAIR RANGE—GEOLOGY—BIBLIOGRAPHY

History of the study of the relief and unconsolidated de-posits of the Salair Ridge. A. M. Maloletko fzv. Alt otd Geog ob-va SSSR no 3:15-23 '63.

SA LAIR RANGE-GEOMORPHOLOGY

Some recent data on the orography of the Salair Ridge A. M. Maloletko. Izv Alt.oid.Geog ob-va SSSR no.3: 32-40 '63

SA LAIR RANGE—ORE DEPOSITS

Characteristics of formation and metamorphism of pyritecomplex metal ore deposits in Salair Range and Tuva K. R Kovalev Geol i geofiz no 9:44-54 466

Form of the connection between barito-complex metal mineralization and magmatism in Salair ore field. A.S. Lapukhov. Geol. rud. mestorozh. 0 no. 6.80-91 N-D 185.

SALICYLIC ACID

Polarographic study of zine completes with p-amino-salicylic acid. M.S. Novakovskii, V. N. Voinova Zi neorg khim. 11 no.11-2624-2627 N '66.

SALINE AND ALKALI SOILS

(see also subdivision under Voronezh Province)

Electricity in improvement of saline soils. A.V. Vadiunina. Vest. Mesk. un. Ser 6. Biol., pochy no 4:89-100 J1-Ag '06.

Salinization of soils during the irrigation with mineralized waters, A. M. Korzh. Vod. khoz. no. 4:113-119 '66.

State of meliorative soil science and the problems of soil improvement studies for the justification of the projects of in lighting and improving soilnized soils. V Egotov, P. A. Letimov, Pachyovedente no.12: 1-10 11 166

Development of theory of T-S curves for schillinite according to depth of ocean. O I, Mannaey. Trudy Mor gidronz, inst, AN URSR 37 HI-153 366.

SALINITY-PHYSIOLOGICAL EFFECT

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Relationship of young salmon to different vater salmity T I by typicar Trudy MMBI no 12:54-61 '66

SALIVARY GLANDS

Effect of conditioned reflex stimulation of the automatic (pilocarpine) salivation, S.L. Levin, A.1. Malhtinger Zhur, vys nerv. dciat. 12 no. 3 457-464 My-Je 462

Radiometric investigation of salivary glands with the abl of radioactive indine I A. Illdin. Med. rad. 7 to 3. of radioactive indine 3-11 Ag '62.

SALIVARY GLANDS—TUMORS

Methodology and technique of Chaout therapy in the correspond treatment of "infred" tumors of the sultyary glands MA Moskalinko Klin, onk no. 148-51 66

(see also subdivision under Barents Sea; Kamchatka; Khatanga River, Mu mansk Province; Sakhalin; White Sea)

Effect of different fixation methods on only turn preserva-tion in embryon. In one and young salmon. L.D. Zhiteneva, A.N. Zhitenev. Trudy MMBI no 12-01-00

Microscopic anatomy of digestive tract in young salmon (Salmo sala: L.) O IU, Kudinskii Trudy MMH no 12; 112-119 '66

Relationship of young salmon to differ out water milinity T, I Privol'nev Trudy MMBI no 12:54-56 '66

SALMON—PHYSIOLOGY

Amount of hemoglobin and crythrocytes in young salmon of various agen in a hatchery and after its planting in a river I. N. Ostroumova Prudy MMH no 12:176-186

Cellular composition of white and red blood in Atlantic and Baltic solmon (salmo salm L.) embryos and its changes in the process of body development. M. P. Vernidub. Trudy MMBI no 12:139-162 466.

Comparative morphological analysis of blood in young pink salmen from Salhalin and Murrounak balcher is and from natural spawning grounds. A V. Heloya Frudy MMBI no 12 163-175 '66

Parly stage of gametogonesis in migratory salmon (c. *f. Persov Trudy MMHI no 12,7-14 108

Effect of radioactive water pollution on red blood in embryos and im vac of sulman (Salmo salar I.) G V Neustroev Trudy MMBI no.12:180-191 '66

Materials on respiration of young pink and cham salmed in different environments. L. A. Galkinn, L. F. Postini-Fova Trudy MMBI no.12:76-03 '66.

SALMON FISHERIES see subdivision under Khalanga

SALMONELLA

(see also subdivision under Turkmenistan)

Auxon ophic variants of Salmonella typhimumium profuced under the influence of ultraviolet rays. Repart No.1: Isolation and identification. V. G. Petrovskuin. S. 13. Progrovskii. Chrisu Guan Juan. [Chou Kuan yūnn]. Zhur mika obiol. epid. i immun. 33. no 6;37-43. Je. 62. Epizootic Salmonella infection (Salmonella typhimurium)

in pedigreed pigeons L.A. Kirustuleya. Zhur-nikrobiol., epid.; immun. 33 no 6:96 Je '62. Growth of Salmonella typhi from patients with typhoid fever. E. N. Molikova. Zhur miki obiol., epid f immun. 33 no 6:55-56 Je '62.

Immunochemical studies on antigens from microhes of the typho-paratyphoid group incorporated in a choration polyvalent vaccine of the Gamaleta Institute of Fpidemiology and Microbiology N. V. Khatuntsova. M. V. Mitonova. Zhur. mikrobiol., epid. i immun. 33 nc.6: 43-49 Jo 432.

Phagocytosis of typhoid fever bacteria by macrophages of subcutaneous infiltrate. L. K. Dobi odeeva. Lab. delo

no.1:15-17 167. Separation of individual antigons from complex surface antigen of paratyphoid B bacteria. R. N. Uvarova. R. K. Ivanov. L. K. Stepanova. Vop. med. khim. 12 no. 6. 160 * 574 N-D '66.

Substitution of the conservant agent with solonite medium concentration in examination of excuments for Sligella ant Salmonolla. IU. I, Litinskii and others. Lab.delo no.1:38-40 '67.

SALMONELLA INFECTIONS

Effect of hypovitaminosis C on the course of experimental intestinal infections in monkeys. Z. K. Stasilevich. Biul.eksp.biol i med 55 na 6:32-56 Je 63.

SALMONELLA INFECTIONS (Continued)

Some problems of the epidemiology of almonellosis M D Poptsona, L A Khaustaleva, Z. P. Skorynina. Zhui miki obiol a epid firmum 33 no 6 139-111 Je 462.

SAL'NIKOV. A

Masters of the mountains and vallage. K. Kostrin. Vinite knig 6 no 11 26-27 N 166

Phen31 salicylate fluorescent reaction for terbium, L.I. Kononento, S. A. Mishchento, N. S. Polucktov, Zhur anal khim. 21. no.11 1392-1394 166

SALT-PHYSIOLOGICAL EFFECT

Pars intermedia of the hypophysis under conditions of salt loading P. L. Soboleva 55 no 5/108-111 My '63 Blul ekspabiolai med

Salt-resistant Azotobacter G, N. Blinkov, Mikrobiologiia al no 5 880-883 S-O 462

SALT-THERAPEUTIC USE

Mechanism of the action of salt solutions in dyspepsis of catter. A. F. Kottyshev, A. N. Egorov, E. A. Ostrov-skala. Veterinariia 13 no. 11 60-62 N. 166.

SALT CRYSTALS GROWTH

Abstracts of papers delivered on crystallization of salts n om solutions in melts. I N Anikin and others. Rost ki ist. G-127-128 '65

SALT DEPOSITS see sulxlivision under Princt Valley

(see also subdivision under Daioper-Donets Lowland)

Second seminar on problem of "Geological features of salt dome regions and methods of oil and gas prespecting of salt dome structures." B McIkhov, V Savchenko. Geol actificata 10 no 11-61-63 N *66.

SALT DOMES-CONGRESSES

Second interdepartmental symposium on geological characteristics of salt-dome regions and methodology and prospecting for salt-dome structures. G. Zholtnev, O S Turkov Izv AN Kazakh SSR Sei geol 23 no.5 93-01 S-O '66

SALT FISH see Fish, Sait

SALT MINES AND MINING see subdivision under Avan (Armenia)

SALTWORT see subdivision under Uzbekistan

SALTYKOV, MIKHAIL EVGRAFOVICH, 1826-1889 Atheistic motifs in the tales of Saltykov-Shehedrin. N. V. Karpov Uch zap Kal gos ped inst 43:56-85 '65

Tarkov, A.M. Saltykov-Shchednin. [Izd. 2., ispa dop.] Moskva, Molodata gvardita, 1965. 368 p. (Zhiza' zamechatel'nykh liudei. Seriia biografii, no, 22) CaOTU

SALVAGE

For them the war has not yet ended. I. Zolotarevskil, Sev. radio i trl. 12 no. 6 30-32 Je 463

SAMARKAND-IMPLEMENTS, UTENSILS, ETC.

But there are great possibilities... T Sultanov. Sov. torg. 40 no.148-49 Ja 167.

SAMARKAND PROVINCE-AGRICULTURE-ECONOMIC ASPECTS

Usmanov, S. U., and A.B. Komarovskii. [When the neighbous lend a hand] Bol'shol khashar. Moskva, Politizdat, 1986. 77 p.

SAMPLING (STATISTICS)

Ratimating the accuracy of semiquantitative spectral analysis by the probability scale E, M Kviatkovskii Zap 1 (II 50 no 2:H3-116 %6.

Mattukha, I, IA. [Statistics of the population's budget]
Statistika bindzhetov naselentia. Moskva, Statistika, 1967. 248 p.

SANCTIONS, ADMINISTRATIVE

Valsman, E., and IU.Smirnov. [Laws on administrative responsibility; questions and answers] Zakonodatel'stvo ob administrativnoi otvetstvennosti; otvety na voprosy, Kishinev, Kartia Moldoveniaske, 1966. 99 p. (Nasha turidicheskaja konsultatsija)

(see also subdivision under Kara-Bogaz-Goi (Gulf); Lugansk Province)

Calculation of production easings in filter zone of sand producers A A, Mamedov, Azerb neft khoz 45 no 3:24-26 S | 66

Experience in strengthening bottom zone of sand producers with coment-sand-salt mixtures in fields of 'Kiroynett'' Trust, A A. Mamedov, A. A. Abramian Azerb, neft, Phos. 45 no.12 31-33 D 166.

Physicochemical characteristics of activated barchan sand and autociaved sand-line concrete with it as a besc. A.V. Volzhenskii, D.D. Dzbigiris, B.N. Vinogradov Izv. AN Turk, SSR, Ser, fiz -tekh, , khim, i geol, nauk no. 5:46-51 '62, Saud control strainer screens of insertion and tube type. O. Kh. Guseinov Nefteproin dele no 11:23-26 '66

SAND FOUNDRY

Controlling the moisture content or loose materials V Ci, Pustynnikov, A. M. Protof Jakonov, Lit proizv no 11, 10 N '63

SAND, COUNDRY-ADDITIVES

Effect of activating additives and the pil on sand mixture properties. V K Satnikov, N & Podatova Lit profession 12 27-28 D *66

Properties of and experience in the use of binders on a gossypol resin base. E N Kurteev and others Lit proizy no 12 29-31 D 466

SAND, GLASS see subdivision under Vet'ma Valley

SAND AND GRAVEL INDUSTRY see subdivision under

SAND FLIES AS CARRIERS OF DISEASES

Conference on diseases transmitted by sand flies, T. L. Dergacheva, L. N. Eliscev, O. I. Kellina i paraz bol. 31 no 5:634-637 S-O 162

Method of studying the Phiebotomus dispersion from the colonies of the greater gerbil. T 1, Dergacheva, Med paraz i paraz, bol. 31 no. 5.617 S-O '62.

SANDSTONE see subdivision under Balkhan Range

SANDWICH CONSTRUCTION

Axisymmetric bending of circular sandwich plates with a light compressible filler. N. K. Galimov. Prikl, mekb. 2 no.11:25-30 466.

SANITARY ENGINEERING

KASK-2, unit for the manufacture of sanitary-engineering cabins. Zh Al'ter-Zahk, A.V Kreichman. Stror rakhit Len 25 no.5 31-32 My '63

SANITARY ENGINEERING—EQUIPMENT AND SUPPLIES

Vyslavka dostizhenii narodnogo knoziaistva SSSR. Ob"-edinemye pavil'ony "Stroitel'sivo, " [New kinds of equipment and fixtures for sanitary engineer ing in apartment, industrial, public, and medical buildings, guidebook to the cyhlbition of this equipment] Novye vidy sanitarno-tekhnicheskogo oborudovanila I armatuy dila zhilykis, promyshlemykh, obshchestvennykh i lechebnykh zdanii; putevoditel' po tematicheskoi ckspo-zitsii. Moskva, 1965, 19 p.

[MICROFILM]

SANITATION

Marzeev, A.N. [Notes of a public health physician]
Zapiski sanitarnogo viacha. Kiev, Zdolovia, 1965. 174 p.

SANTONIN

Experimental demonstrative work in the control of ascarfasis in the Tojik S S.R. V. I Matveichuk and others Med. paraz i paraz bol 32 no 2:140-144 Mr -Ap '63

SAPROPEL see subdivision under White Russia

SAPROPELITES accountivision under Tuguska Basin

SARATOV—SCIENTIFIC LIBRARIES

Classification and cataloging of foreign periodicals in the Scientific Library of Saratov University L.B. Levina, N.P. Nikitin Opytrab bibliot s inostr, lit, no 4:11-23 481

SARATOV PROVINCE-COMMUNIST PARTY OF THE

SOVIET UNION—MEMBERSHIP
Infringement of instructions, V. Nemenko and others,
Part, zhizni no. 1:63 Ja 167.

SARATOV PROVINCE-GEOLOGY, STRUCTURAL

Methods of predicting buried structures in the Saratov Province area of Volga Valley K. A Mashkovich, B IA, Shornikov, M. G Shebaldina. Geol nefti i gaza 10 no 11: 27-29 N '66

SARATOV PROVINCE-POULTRY

All the time we see our tomorrow more clearly, V. Bakhturina, Mol. komm. no 11:16-17 N *61.

SARATOV PROVINCE-SOCIAL GROUP WORK Carrying out the instructions of Communists. I. Minacv. Part. 2hizn! no. 1:22-25 Ja | 67.

SARBAY REGION (KAZAKHSTAN)-MINERALOGY, DETERMINATIVE

Classification and main principles regarding mathematic at analysis of natural regularities in the distribution of elements C. S. Porotov. Zap LGI 50 no. 2:95-105 '66

3A RCINA

Study of the chemical nature of the growth stimulant of plague bacilli isolated from lyantes of the "Spreina medium." V. L. Pustovalov, K. S. Karpazidi Thudy Gos.nauch.-issl. protivochum inst. 16:71-79 '59.

SARCOLYSINE

Quantitative determination of sarcolyaine, leucogen and apressing IA, M, Pereliman, K, I, Evstratova, Apt delo 12 no.1:45-49 Ja-F 63.

SARCOLYSINE—PHYSIOLOGICAL EFFECT

Transpirutation of Isologous bone marrow in mice following introduction of DL-90 Barcolysine, N. IA IUrchenko Vop onk 12 no 11 62-67 '66

SARCOSPORDIA ace subdivision under White Russia

Establishing the place of the Akhardel and the alliance of the Sirak tribes, based on written sources Vinogradov Sov arkheol 10 no 138-50 '66

SARYCHEV, GAVRIIL ANDREEVICH, 1763-1831 Alekseev, A.I. Gavrill Andreevich Sarychev. Moskva, Nauka, 1966 | Gavrill Andreevich Sarychev. Moskva, (Nauchno-biograficheskala serlia)

SATYLGANOV, TOKTOGUL, 1864-1933

Syrdybacv, M., comp. [A garland for Toktogul, recol-lections and dedications] Venok Toktogulu, abounik vospominanii i posviashchenii. Franze, Mektep, 1964. (NNC)

SAURY

Methods of forecasting in samy fisheries M. Kundius Hyb Phot 42 no 11 17 166

SAVING AND TRREET

Kalezhanov, E.K. [Leonomically, in a businessike way] Rachitel'no, po-kliozlaiski Alma-Ata, "Kazakhsian,"

SAVINGS BANKS are subdivision under Azerbaijan

SAVINKOV, BORIS VIKTOROVICH, 1879-1925

Boris Savinkov case. D. Golinkov. Sov. iust. 30 no. 23: 22-23 D '66.

SAVINSKII, DMITRII VASILIEVICII, 1885-1986 D. V. Savinskii, obituary, Vest. stat. no. 12 78-79 166.

SAWFLIES see subdivision under Moldavia

SAWFLIES-EXTERMINATION

The plum sawily Hoplocampa flava L. IA. Nutt. Zashch. rast. 11 no.11,39-40 '66

Bunimovich, L.D. [Edgewise sawing of lumber on circular saws with conical blades] Rebrovoe delente pilomaterialov na kruglopti nykh stankakh kontcheskimi pilemi. Moskva, Lesnaja promyshi., 1966. 145 p.

Factors affecting the economic effectiveness of the didn't flution of the enterptiess of the sagmilling and woodworking undustries, V V.Glotov. Der prom. 15 no 12 13-15 D 166.

SAYAN MOUNTAINS-METAMORPHISM (GEOLOGY)

Age of processes of ultrametamorphism and melamorphic zoning in Shutkhulaysk block and its margin (Liestern Sayan Mountains) V IA, Khill'tova, I N, Krylov Geol i geofiz no 9,34-93 '66

SAYAN MOUNTAINS-ROCKS, SEDIMENTARY

Composition and characteristics of formation of continental nonalluvial sediments in northwestern part of Eastern Sayan Mountains S.P Gorshkov, Lit. 1 pol. iskop, no 6 109-117 N-D 466,

SAYAN MOUNTAINS-VOLCANOES

SCAD DISEASE IN SHEEP

Volcances of Eastern Sayans. V.V. Fizhenko. Priroda 55 no 12 56-50 '66

Testing hexachloran smoke against mites causing scab disease in sheep. G ! Getta Shor nauch, rab, SibNIV! no 11-199-202 162, SCAFFOLDING-SAFETY MEASURES

Stashovskain, S.G. [Work safety on scattolding and stag-ing] Bezopasnost rabat na lesakh i podmostlakh. Mo-skva, Sholizdat, 1966. 72 p.

SCALP-DISEASES

Growth of gray han a following a centgen therapy of scalp dermatemycoses A. G. Suntsev. Vest.doi m. 1 ven 37 dermatomycoses A. no 3:65-87 Mi | 63.

Soviet griscofulvin in the therapy of scalp mycoses. A. M. Arlevich and others Vest.derm i ven 37 no 3,3-8 Mr '63.

SCANDINAVIAN STUDIES

An all-Union conference of the students of Scandinavia. V.1. Panchenko, Vest. vys. shkoly 24 no. 12:50-51

The Second Conference of the History, Feanomy, Languages, and Literatures of Scandinavian countries and Finland. Sied voka no. 29 322-323 '66

ECANDIUM-ANALYSIS

Spectrophotometric study of some oxyazo compounds as reagents for scandium. A.I. Busev. G.E. Lunina, N.N. Basargin. Zhur. anel khim. 21 no. 12:1414-1410

SCANDIUM-ELECTRIC PROPERTIES

Sc undary electron emission of seandhim I & Ermalact A Gugnin Radiotelli i elektron Il no 12 2257-2256 p. 160

SCANNING SYSTEMS

Fome possibilities in struc stamm. A F. Vasilier, G.G. Vamilitem. L.v. v. sucheb. a reduction of no 5,006-687. S-O 166

SCARABAEIDAE sec subdivision under Siberia

SCARS see Cicatrices

SCATTERING (PHYSICS)

Mgorithms for computing particle scattering. L. G. Two, L., I. & Grun. Tax. All SSSR, Ser. fiz. "O to 12 1986-1994. D. tuo.

Change of parity in inelastic scottering, O. V. Shelido Ukr fiz zhur 11 no 11 1206-1207 N 166

Diffusion of radiation in plane layer of the nonsouropic scattering 1 N. Minin Astron zhur 43 no 6 124-1260 N-D 166 13 no 6 1244

Log-log asymptotic form of Compton effect at large angle scattering V G Gorshkov, V N Gribon, G V Frolog Thur ekspiritor fiz 51 no 4 1093-1106 O '56

Resonance scattering of slo " particles by noncentral potential, L A Zhizhimov IAd fiz 4 no 5 1079-1092 N **66

Taking into account effects of virtual scattering in direct nuclear reactions V A Raminski, NU.V Orlow, I S Shaptio Zhur ekspriteon (iz 51 no.4.1236-1250

Theory of nonlocal separable potential, O V. Rokhlenko Ukr fiz zhur il ro 11 1208-1214 N 165

Threshold behavior of partial scattering amplitude in Froissart's N/D method H M Chermalykh Uhr fiz zhur H no 11 1172-1175 N '56

SCHEDULING (MANAGEMENT)

Lagrange method and problems of optimal resources allocation in network planning systems. E P. F rushinin. Axiom i telem. no 12 115-125 '66

Mathematical modeling of processes in longwalls as a method of scientific vort organization. A.S Astathov and others Ugol' 41 no. 12 41-47 D 166

A new world record. N. A. Sheviakov and others, Ugol' 41 no. 12 22-24 D '66.

Solution of a problem on resources distribution using a Solution of a propiem on resources distribution using a quadratic programming method. A 1 Voronov, E.P. Patrushinin, Avtom, I telem no 11 92-106 '66. Use of network schedule graphs in the main repairs of technological units A. G. Arstanov, V. E. Ttahchenro,

Khim, i tekh. top!, i mase! 11 no. 11 37-39 N 166

SCHEELITE

Some characteristics of scheelites containing molybdenum V.N. Kruglova and others. Min syr'e no 12 106-118 466

SCHIFF BASES

Piepriation and study of complexes of Schilf bases. E.M. Raskina and others. Elektrokhimiia 2 no 11, 1332-1335 N '66.

Preparation of Schiff bases of glucose and p-aminobenzoic acid ethyl ester N.S. Kuprianova, V. M. Kiseleva, C. V. Shevliagina Trudy VNIISNDV no 7:31-132 '65'

SCHIRMACHER PONDS, ANTARCTICA-METEOROLOGY

Meteorological regime of Schirmacher Ponds A.N. Ariemicv Inform Lad, So. aniark eksp. no 59,

SCHIRMACHER PONDS REGION, ANTARCTICA-ICE

Subglacial relief in the region of Schirmacher Ponds.
P. A. Stroev, A. I. Frolov
ekep no 59 56-54 486

SCHISANDRA

Determination of vitamin E in the oil of Schizandra chinen. M. N. Shcherbakova Apt delo 12 no 1.33-36 Jate3

SCHISTOSOMIASIS

(see also subdivision under Iraq)

Clinical aspects and treatment of genitourinary schistosomiasis, N.S. Zal'nova. Med patar i paraz hol. 31 no. 5:539-533 S-O '62,

Cilnical espects of intestinal schistosomiasis V.K. Karnaukhov. Sov. med. 29 no 12 114-118 D 166

Larvoscopy and its diagnostic importance in urinary schistosomiasis, E. G. Aslamazov, Med paraz i paraz bol, 31 no.5:533-638 S-O '82

SCHISTS-ELASTIC PROPERTIES see subdivision under Sakhalin

SCHIZOPHRENIA

Analysis of repeated admissions of patients with schizophrenia following aminazine treatment, G.V. Mansurov, IU. P. Popov. Zhur. nevr. i psikh. 63 no 1:119-123 '93.

Characteristics of psychoses and character anomalies in families of schizophrenics. L N Vidmenova and others Zhur, nevr I psikh 88 no.12 1848-1854 468.

Characteristics of the interaction of signal systems under the influence of Schlzanira chinensis. V. V. Lastovetskil, R. S. Romas' Zhun vya neiv deiat 13 no 4:601-609 J1-1g '63

Clinical aspects of late schlrophrenia. F. A. Efendiev, L V Shterova Azerb med, shur 10 no 3;28-33 Mr '6d,

Clinical variations of the course of mixed forms of schizo-phicina T P Platonova Zhui nevi i psikh 67 no 1 06-102 167.

Comparative effectiveness of the treatment of schizophrenia with amina and and its combination with insulin.
N.V. Vinogradov, N.K. Thachenok. Zhui nevi i psikh 63 no 1·112-113 '63

Data on pathogenesis of serum sickness in schizophrenia, It A. Illingia Zhur never pathi, 67 no. 1,83-87 167

Delense and "stagnani" inhibition in achizophronic patients. N V Vinogradov - 7hm , vvs norv deint - 12 no. 3:426-N V Vinogradov 131 My-Je '(2

Effect of single the apoutic doses of aminazine on ecre-bial blood circulation in schirophrenia according to rehiorner philographic data T.A. Nevzorova, 10 N Ladriows 11. Zhur, nevr, 1 psikn 67 no 1 123-125

Organic brain diseaser in schizophrenia. TS. B. Khaime. Zhui nevi i psikh 67 no 1413-118 467

Possibility of the combined use of insulin and aminazine for the treatment of schizophrenia patients Report No.1. V P Kutin, Zhan nevi i psikh 63 no.1:11:-118 '63

Promorbal characteristics of the personality and the initial period of the disease in periodic and initial forms of schizophrenia. Sh A. Murtalibov. Zhur, never, i pash 67 no 187-92 '67.

Problem of schizophrenia taking an intermittently-progressive course. M.S. Popova. Zhur, never, i patkh 67 no, 1107-112 '167.

Psychopathological analysis of delirious sciences in periodic schizophicula, G.I Zalitsman Zhur, nevi i psikh. 67 no.1,93-90 467

Some combined methods for treating schizophi enter resistant to amina, inc. V. F. Baranov, R. D. Kogan, P. A. Kingkov. Zhur nevi, i psikh. 67 no 1 135-138 167.

Spatial synchronization of a-activity in the cerebral cortex of patronts with paramoid schizophrenia 1 C Puskina, V. A. Talavrinov Zhur nevr. i psikh, 67 no. 1 76-83 467

Treatment of schizophrenia vith galoanizon (20-28 MD). G.IA. Avrutskii, I.IA Gurovich, IU.A. Aleksandrovskii. Zimr nevr i psikh. 63 no.187-91 '63.

Treatment of schlzophienia with neuroleptic "waves". G.I Zal'tsman, G N.Lenskii, V.E. Vetsner. Zhur. nevi i psikh. 63 no 1:108-111 '63.

Use of athaper azine in the treatment of schiz ophrenia. V.E Galenko, O.N Kuznetsov. Zhut nevi i psikh 63 no 1:80-86 '63.

Use of fluphona ine in the treatment of schizophi enics resistant to therapy. M IA TSutsul'kovekala, A.B. Smulevich Zhur, nevi, i psikh, 67 no 1130-113 '67,

Variations (types) of recurrent schlophrenia. B. M. Kutsenok, Zhur, nevi, i psikh. 67 no. 1403-100 to

SCHLIEREN see subdivision under Azerbaijan

The bull with reindeer houng, Igantii Ponomorev, Sem'ia i shkola 21 no 11:31-30 N '66,

SCHOOL DISCIPLINE

Teaching the students to be irreconcilable to inisbehavior N V Burdakov Sov pedag 30 no 6 65-70 Je 166

SCHOOL EXCURSIONS

'I spark has kindled a flame," I.B. Bozhkova. Ist. SSSR 10 no 6:198-199 N-D '66.

SCHOOL GROUNDS

Improving and landscaping the school grounds V Svider-skii, I Rodichkin Stroi i arkhit 11 no 8:16-18 Ag '63

SCHOOL LIBRARIES

(see also subdivision under Leningrad)

It has to be remembered. V. Vorobleva. Nar obr. no 12:61-63 D 166

Studying the reading interests of upper classmen of the schools for mentally handleapped children. L.M. serova. Uch.zap. MGPI no.219:130-142 '61.

Teenagers and poetry. V. Razova. Bibliotekar! 41 no. 1:34-38 Ja *87.

SCHOOL MANAGEMENT AND ORGANIZATION

The classroom or a laboratory 1 B. Popovskii. Nat. obr no 12:83 D 166

Volunteer-staffed committees inspect the work of schools. V. Zhihn, I Pirozhkov Agitator no 2:54 Ja 162,

SCHOOL SUPERINTENDENTS AND PRINCIPALS

Interview with a young school principal (conclusion).

B Sukhomlinskii. Nar obr no.12:23-29 D 196

SCHOOLCHILDREN

Vasil'kov, G.A. (Gymnastics for children of the younger school age, collection of general exercises for school and home. A manual for teachers of the first to fourth grades and for parents! Gimnastika difa detein mladshege shkol'nogo voznasta, sbornik obshcherazvivatushchikh uprazhnenii dlia zaniatii v shkole i doma, Posoble dlia uchitelei I-IV klassov i roditelei, Moekva Pogsvachchania 1888 140 p. skva, Prosveshchenie, 1966. 140 p.

SCHOOLHOUSES

Designing technical schools, V. Kurbatov, Arkhit, STAR no, 11.36-12 166,

School network in a residential area -10° Timbin -A11544 -SSSR no 6 33-37 $^{\circ}63$

SCHOOLHOUSES-DESIGN AND CONSTRUCTION

(see also subdivision under Moscow; Moscow Province, Soviet Central Asia)

Consolidated school units for tural areas. N Volto.

Stroi i arkhit il no 845-16 Ag 63
School with open-air recreation facilities. I Karalis. S Kligerman Stroi i arkhit il no 8-12-11 Ag 61 Standard design for a school and its realization 19 i lishchinskii Stroi I arkhit II no 8:10-11 Ag 461

Use of mathematical methods in regional distribution of buildings in a school complex (S.K. Sarkisov Strot 1 arkhit Urb., 7, no. 11:34-37, N. 166

Barteney, I.A. [Kindorgartens, schools] Detakte saily, shkoly. Leningrad, Kaudozbulk RSFSR, 1966, 61 μ. (Detel okruzhaet iskusstvo)

SCHUBERT, FRANZ PUTER, 1797-1926

Kremney, B. G. [Schubert] Shubert. Moskva, Molod da gvardlla, 1964. 300 p. (Zhizh' zamechatel'nykh limiet. Sertia blografit, 18(392))

SCIATIC NERVE

Effect of mediators on functional and thougholdered propertics of the nerve trunk. It's Orlov, V R S Izv. AN SSSR Ser, blob. no 3:130-140 My-Je

SCIENCE-BIBLIOGRAPHY see Bibliography-Science

SCIENCE-METHODOLOGY

The forms of scientific forceight. A. G. Nikitina. V Mosk un Ser O. Filos. 21 no.5 19-55 SeO 466. Mutholological problems in the systematization of natural sciences. I. V. Mithrey. Trudy 1 Pl. no. 164; 126-130, 166.

SCIENCE-PHILOSOPHY

Dialectics of scientific discoveries, B. M. Kedray, Vop filos, 20 no 12 26-37 166.

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SCRUBBER (CHEMICAL TECHNOLOGY)

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People who live amidst storms. C. Chernova. V mire knig 6 no. 12 23-24 D *66

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SEAWATER-COMPOSITION

Chservations on content of chlorophyll (a) in seston of surface layer of seawaters. R. Z. Kovalevskaia. A. P. Ostapania. Okeanologiia 6 no.5:849-852 '86.

SEAWATER—OPTICAL PROPERTIES

(see also subdivision under Black Sea) Experimental study of photic field in turbld media. V. A. Timofeeva. Trudy Mor, gidiofiz, inst. AN URSR 37:20-

42 | 66. SEAWATER, DISTILLATION OF

Astratov, N.A. [Demineralization and deaeration of water on ships] Oprosnenie i deaeratsiia vody na sudakh. Leningrad, Sudostroenie, 1966. 266 p.

SEBACEOUS GLANDS---DISEASES

Local treatment of seborrhea with sulsen. M. A. Rozen-tul, A. A. Studnitsin, P. E. Maslov. Vest, derm, i ven.

no. 12:62-64 *62. Treatment of excudative catarrhal diathesis in newborn A. N. Geldarov. Azerb. med. zhur. 40 no. 0:67infants A

SECOND BAKU—PETROLEUM GEOLOGY
Importance of palcohydrogeological conditions in estimation of oil and ges prospects. E. F. Stankevich. L. S.
Tabakablat Geol notil i guza 10 no. 11;35-38 N '66

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Change in characteristics of beryllium oxide layers brought about by an electron beam. A, M, TiutiFor Ivv. AN SSSR, Ser. ii c. 30 no. 12 1895-1900 D 266.

Characteristics of secondary electron emission from layers of heryllium oxide on alloys subjected to selective oblistion. A. M. Thutkov. Lev. AN SSSR.Ser.Liz., 30 no.124888-1894 D 156

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Some special features of field dependent shot-through secondary electron emission N.L LAsnopol'skri, A P Balashova, N.S Lozhkina. Radiotekh i elektron 11 no 12 2259-2260 D +66

Studying secondary emission from porous crafters, intensified by electric field. N. L IAsmopolyski and others. Izv. AN SSSR, Ser. fiz. 30 no.12 1882 2-1887 D 106.

SECONDARY RECOVERY OF OIL

Calculation of economic effectiveness of secondary recovery methods R. K Giandzhuntsev Azerb neft khoz 15 no 9:47 S '86

SECRETION

Correlation between the strength of the nervous system and the dimension of unconditioned food secretory reflexes L. P. Rudenko Zhar vys nerv deiat 13 no 4 605-698 Jl-Ag '63

Modification of vasomotor and secretory conditioned and unconditioned reflexes in acute radiation sickness m dogs. D.A.IDinskii. Zhur.vys.nerv.deiat. 12 no 3 521-529 My-Je '62,

SECTS

(see also subdivision under Latvia)

Grudinin, N.N. [Jehovism and children] Iegovizm i deli. [irkutsk] Vostochno-Sibh skoe knizhnoe izd-vo, 1965.

SEDGES

Carex brunnescens (Pers.) Poir, in Central Russia, IU, E. Alekseev, V.S. Novikov - Vest, Mosk, un Ser 6: Biol , pochv 21 no 4 69-72 Jl-Ag 166

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Denudation of land and its 1 old in formation of sediments E. A. Lushnikov Nauch trudy Perm politekh inst no 12:39-46 pt 1 '62 Diagramm of the correlation of the thicknesses of the

layers of elementary sedimentation cycles Geol.i geofiz no.9,126-124 '63 V. V. Riabov.

Khachatrian, A.G., Kh.Sh.Shapiro, and Z.I.Sharoya.

[Silting and washing of irrigation setting basins and reservoirs] Zallente i promyv irrigatsiomyth cistoinikov i vodokhranilishch. Moskva, Kolos, 1966. 236 p.

SEED ADULTERATION AND INSPECTION

Rights of seed inspectors L Koznehkov Zemiedelie 28 no 11:76 N '66

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Fundamental principle of large crops. N Sereda Zemledelie 28 no 11:34-35 N '66.

Restore the past glory. A. Bacva Zemledelia 28 no. il;

Seed production of lotus species S.V. Afrikian Restres. 2 no.4:549-556 '66.

Selected high quality seeds. G.Vakhitov $\,$ Zemledelie 28 no 11:32-33 $\,$ N $\,$ *66.

Ways for improving the quality of vegetable crop seeds. A.S. Feofanova. Zap. LSKHI 98:204-200 '65.

SEEDLINGS

Dudorov, M.A., and G. L. Chobit'ko. [Seedling growing]
Vyı ashchivanie seianisev. Saratov, Privoizhskoe knizhnoe izd-vo, 1906. 89 p.
(DNAL)

SEEDS

(see also subdivision under Kamenets-Podol'skiy) Pay attention to seess. P. Zabaznyi. Zemledelie 28 no.11;28-29 N ¹66. Sowing row crop seeds by single-seed planting apparatus, F. G. Gusintery, A. P. Koshurnikov, Zap. LSKHI 96: 210-216 '65.

SEEDS-CLEANING

Methods for determining the friction angle of seeds on working surfaces. M. V. Kireev. A. S. Feedanova, R. K. Mit'kin. Zap. I.SKHI 96:189-198 '65.

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SEGALOVA, EVGENIIA EFIMOVNA, 1917-1986

E.E. Segalova, a Doctor in Chemical Sciences. Koll, zhur. 28 no.6:1917-1966 N-D 166.

SEGEL!, IAKOV

Segel', Likov. [Likov Segel'; lifs films and stortes]
Likov Segel'; ego fil'my i rasskazy [Moskva, Likussivo, 1986] 231 p. illus.

SEIFULIN, KIJAMID MUKIJAMEDZANOVICH, 1902-Kh M Scifulin's 80th birthday Uch zap Tuv-nauch - isel instalaz , lit i ist no 10 236-237 '63.

SEISMIC PROSPECTING

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Conducting seismic operations by the method of a plane front on dissected topography IU A Vasel'ev. M I Chervonskii Nauch zap. LPI no 2002-102 '62. Conference on the development of deep seismic sounding methods. k. A. Kosovskii, V. Z. Rlaboi 17v. AN Turk, SSR, Ser. Br -tekh., khim, i gcal, nauk no. 2:125-126

Determination of parameters of unbroken media by non-longitudinal hodographs A.S. Kefeli. Geol.i geofiz. no 9:128-130 '66

Determining correlations between seismic prospecting and boring is a problem in the theory of strategic games I.G Klushin Zap LGE 50 no 2:74-80 '66

Interpretation of hodographs of reflected-diffracted waves. B. A. Veitsman, Izv. AN Kazakh SSR, Sci geol 23 no 5:83-92 S-O '86.

into pretation of surface travel time curves in reflected wave methods L.D Raikher, J.L Kharaz Nouch zap LPI no 80:79-87 '62

Interpreting the dependence of clastic wave velocity on depth in a geological cross section G I Petkevich Nauch zop LFI no 60-109-116 '62.

Investigating interference waves in seismic prospecting using the plane front method. L.D. Ratkher, IU. A. Vasli'ev, I.I Kharaz. Neft. i gaz. prom. no. 1/15-17

New methods of seismir study of the earth's crust, N. N. Puzyrev, Vest AN SSSR 36 no. 12,21-26 D '66.

Noiseproof features of temperary culteria of phase corre-lation of seismic waves. S. V. Gol'din Gool i geofiz. no 9:103-115 '66

Solution of an inverse problem in seismic prospecting by methods of interference analysis. IU.V. Timoshin Nauch zap LPI no 80:30-50 '62

Solving the kinematic problem to central rays in case of a curvilinear interface. IU. A. Vasit'ev Nauch zap-LPI no 80:88-94 62.

Study of shucture of earth's crust and upper mantle using "Zernlya" setemic station. I. V. Pomerantseva. Biul. MOIP. Okd.gool. 41 no.4:149 Jl-Ag '66.

Use of solumic sounding in regions with sloping angles of inclination of layers L. D. Rukher, I. I. Kharaz Nauel 22p L.Pl. no 80:71-78 '62.

Ways for increasing the accuracy of the calculation of the nonuniformity of the upper formation in seismic pros-pecting. I.I.Guyvich, V. M.Glogovskii. Zv. yvs. ucheb, zav. geol, i razv. 6 no. 6·ll4·l20 Je '63.

SEISMIC WAVES

(see also subdivision under Balkal Lake region) Effect of complex interfaces on dynamics of refracted waves. A.N. Bezrodnov. Uzb. geol. zhur. 10 no. 5:76-78 '66.

SEISMIC WAVES (Continued)

Theory if recording long-period r aves by a photoelectric and tilly etc. if Johnsoner Iza A Turk 88R Ser fir -16th khim i geol new no 4132-41 bg

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Continuous spectrum of seismic 'o'es N.F. Grin' North pap I PI no 80 58-70 '62

Detain mation of the epicenters of distant on figurates by Cool i george, no 11/158-131, pg.

Cool i deorge, no 11/158-131, pg.

Relation but meen inclinations of the earth's surface earthquates and temperature. N.N. Ionsches. Izv. AN. Turk SSR Set fir -telh, khim i gool nauk no 4-42-

[Semilanual catalog of data on selsmology, tsunamis, and gravity received by the World Data Center B1] Shestimes bat dan poseism itsum igrav July-Ice 1966, publ '66

SEISMOMETERS

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SELENIUM-THERMAL PROPERTIES

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Effect of excitation level on excited conductance of thin Al₂O₂ layers, N L IAsnopol'skil, N.S. Lozhskina, A.1 Balashova Radiotckh, relektron 11 no 12 2255-2257

Fifect of internal field on diffusion in gemiconductors N M Bordina, \ M Vasil'ev. D A Popoz Fiz tver tela 8 no 7,2248-2250 Jl '66

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High-frequency electroluminescence of semiconductor crystals IA A Oksman, V N Smirnov Fiz two tela 8 no 7 2001-2010 II '66

Local states in semiconductors with narrow forbidden band V.I. Sheka, D.I. Sheka, Zhun ekspitcor fiz 51 no 5:1445-1456 N '66

Operation of thyristors in low-power stabilized rectifiers E.I Klasel! Elektroteknika 37 no 12 29-32 D '66.

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crystals N. J. Korsunskala and others. 12v AN SSSR, Neorg mat 2 no.11048-1962 N '66. Preparation and some an operties of semiconductor com-pounds ZhSnP₂ and CdSnP₂ G V. Loshukova and others 12v AN SSSR, Neorg mat 2 no 11:1956-1959 N '66

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Similitude of p-n junctions in semiconductors, V.S. Cherepanov, K. M. Kul'hin, Radiotekh, i elektron, 11 no 12,2267-2268 D '66.

Structure of photoconductivity zone of Z_nSiP₂. N.A. Goriunova, S.S.Grigor'unn, L.B.Zlatkin, Izv.AN SSSR Neorg mat 2 no.12 2125-2139 D 166.

Study of overload carrying capacity of VDKU-series thyristors. I.S. Efremov and others. Elektrotekhnika 37 no 12,34-36 D 166

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Study of the switching-on of silicon p-n-p-n structures. V.E. Chelnokov, V.B. Shuman, N.I. IAkivchik tekh. i elektron 11 no 12,2217-2219 D '66.

Theory of unipolar space-charge limited nonstationary currents in a solid. M N Gushchin. Radiotekh, i elektron. Il no 11:2024-2033 N '65.

Thermal N-type negative (Calstance, V. P. Sondatycki), V. I. Stafeev - Radiotekh i elektron - H. no. H. 2939, 2002 V I Stafeev N 466

Using semiconductors in transportation. Thet.doi. transp. 48 no. 10 79-80 O '66

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Visitors from Senegal. Sots raken. 44 no. 12:58-60 D '66

SENEGALESE VISITORS see Visitors, Senegalese

SENSES AND SENSATION

Dynamics of sensitivity in buth disease. K. D. Ahafa anskaia. Vop. psildol. 12 no. 0.05-102 N-D '0.0.

SENSORY DEPRIVATION

Effect of functional elimination of the affer ent visual nerves on the electrical activity of the contex and retirular for mation of the rabbit brain I. A Novikaria V. I. Belizev Zhur vys nerv deist 13 no 1:715-725 J1-Aa '63

States of stress and fatigue under conditions of faciation from external attimult F.D. Gorbov, V.I Miasnikov, V. Liazdovskii Zhar vys nerv detat 13 no 1/585-502 J1-Ag '63

SEPARATORS (MACHINES)

Approximate calculation of electromagnetic sheave-type separators K.I. Vashichenko and others. Flektra tekhnika 37 no. 12 48-50 D *66

Effect of intermediate throttling on the flickening of the yeast concentrate in the pozzle Z B Kristali. Gidroliz, I lesokhim, prom 15 no 4 10-12 462

Using hydrocyclones at a graphite beneficiation plant, N. A. Varlamov and others. Obeg. rud 11 no. 3:38 %...

N. A Variation and others. Onegrind 11 no. 212 to Vsessingny nauclino-lisalcdovatel'skii institut okhrany tuda. [Methods Instructions on the calculation and design of units for procumatic removal of wastes from the FT-2 two-stage filters] Metodicheskie ukazanila po raschetu 1 proektirovanilu ustanovok dila prevnalicheskogo udalenila ugarov ot duukhstuponchatykh filter FT-2. Ivanovo, 1965. 23 p. [MICROFILM]

SEPARATORS (MACHINES)-DESIGN AND CONSTRUCTION

Rotary magnetic filter separators for wet concentration of finely ground, weakly magnetic ores. V.G. Derkash, T.N. Galevskaia, M. L. Leibson, Gor. zhur, 160, 11.02-66 N '66.

SEPHADEX

Distribution of light meromyosin inDEAE-Suphsdex column E. B. Kofman, V P. Nanking, Biokhimila 31 na 6:1074-

Separation of lactic dehydrogenase protein components in normal and pathologic sorum by DEAR sephadox. O. N. Abbakumova, Kh. M. Rubina. Vop. med. khim. 12 no 6; 578-581 N-D GG.

SERAKHS (TURKMENISTAN)—MICROPALEONTOLOGY, STRATIGRAPHIC

Microfauna from Turkestan layers in the Sorakie region, M. A. Tkachuk, Z. D. Kuliov, M. I. Raevskii, 12v. AN Turk, SSR, Ser. fiz., -tokh., khim, i geol, nauk no. 6:84-93

SERFDOM

The vay to establish the but denot monetary payments to landowners imposed on the peasantry of the central regions of Russia in the late 18th and the first half of the 16th century PG Rynd, innskil list, 559R 10 to 644-64 N-D 166

- Expansion of the direct product of representations of the discrete unitary series Dt of Lorent's of group, S.S. Samilov Doll AN SSSR 171 no 5 1058-1060 D '66
- Improving the convergence of Laguerre series V Amer bies, Zh Nauisbaes. Vest AN Kazakh, SSR 22 no 12 68-69 D 166
- Sebrovkina, K.V., and V.G. Kulagin. [Variational series and their characteristics. The selective method, lectures in a course of higher mathematics with the fundamentals of mathematical statistics. Themes I and II]
 Variatsionnyo : lady i ikh kharakteristiki. Vyborochnyi
 melod, lektsii po kursu vysshel matematiki s osnovami
 matematicheskoi statistiki. Temy I i II. [Moskva]
 Profizdat, 1968. 76 p.

[MICROFILM]

SERNOYE, LAKE-BACTERIA, SULFUR

Microbiological sulfur formation in Lake Sernoye G. A. Sokolova Mikrobiologija 31 no 2:324-327 Mr - Ap '62

- Detaction of antibodies to the monkey virus (SV40) in human sera. Serological evidence of infection from monkeys and vidnoy cultures M IA. Chumalova and others. Vop. virus. 8 no. 1-457-160 Ji-Ag '63.
- Dynamics of secological indices of immunity in animals immunitied with vaccines against tick-borne encephalitis. D.K. L'vov. V.A. Zaklinskala, K. V. Fokinn Vop virus, 8 no 4:420-127 Ji-Ag '63,
- Dynamics of serological indices of immunity in human abjects after vaccination with tissue culture vaccine gainst tick-borne encephalitis. D K. L'voy, V.A. Zaklinskala, M. P. Chumakov, Vop virus, 0 no 4 427-435 J1-Ag '63.
- Dynamics of secological shifts in children vaccinated with five pollomyettis vaccine from Sabin strins, G.P. Taranova Vop. virus, 8 no. 1-109-115 It-G P Taranova Ag 163.
- Experimental study of the susceptibility of small mammals to various set ological types of leptospira Report No 1, Susceptibility of white mice to Leptespira grippotyphosa and much, author 'e obstract L. P. Semenova, H. G. Chetnukha Zhur, mikrobiol, epid, i immun 33 no 6 94-95 Je '62.
- Method of obtaining polyvalent set a against Coxackie and I CHO viruses Z I Zubova, N M Gurdienko, T, R, Borutskaia Trudy Mosk nauch siest inst virus prep no 3-209-217 '65
- Set ological characteristics of protein and polysaccharide functions of complex antigen isolated from leptospira. A. S. Samedov. Zhur, miki oblol, epid i immun. 43 no.11,13-17 N '66.
- Use of methods based on interference between tick-borne encephalitis and pollomyelitis viruses in human embryo tisane culture for secological surveys of human subjects, A.D. Al'tishtein and other s. Vop. virus. 8 no. 4:392-397 11-Ag 463.
- Use of various laboratory animals in obtaining typespecific sera against group A Covackie viruses N. M. Gordienko, Z. F. Zubova, T. R. Borutskale - Trudy Mosk nauch-isel inst virus prop no 3;201-208 '65
- Virological and serological data on latent infection caused by the SV₄₀ virus in Macaca thesus monkeys. G.I.Kolinskina. Vop. virus. 0 no. 4,450-45° Ji-Ag 163.

SEROLOGY-CONGRESSES

Mechinstitutskaia nauchnaia konferentsiia paminti L.A.
Tarasevicha, 1985. [Materials of the Interinstitute
Scientific Conference in Memory of L.A. Tarasevich,
strains, vaccines, sera and antibiotics] Materialy,
shiammy, vaktsiny, syvorothi i antibiotiki. Moskva,
Cos. kontrol'nyi in-t med. biologicheskikh preparatov, 1965, 365 p.

[DNLM MICROFILM]

SEROTONIN

- Effect of polymysin M on the content of histomine and sectionin in the blood and tissues in rate. S. T Filippostants Antibiotiki R no R:10R-1017 N 166
- Participation of the cytochrome system in serctonin oridation in cardiac mitochandria in rabbits. A. M. Zubovskaia. Vop. med. khim. 12 no. 6:642-644 N-D 66
- Problem of serotonin and cancet. E. Ch. Pukhal'akaia. Vest. AMN SSSR 15 no. 12.61-72 '60.

SEROTONIN METABOLISM

Effect of glycocorticoids on serotonin metabolism in patients with eczema and neurode mattie during treat-ment with adrenceortical preparations, I, IA Shakh-tmeister and others, Trudy 1-go MMI 43:184-188 165.

SERUM

Complexing of tetracyclines with different components of blood serum. G. IA. Kivman, R. P. Porfir ova, A. V. Kosolapova, Vop. med. khim. 12 no. 6:594-597 N-

- Preparing hyperimmune influenza paramfluenza and adenoviral serums N.N., Orlora and others. Vop. virus. II. no. 5.561-554. S-O. 166
- Separation of factic dehydrogenase protein components in normal and pathologic serum by DEAF sephadex O N Abbalumova, Kh M Rubina Vop med. Ham 12 no. 6-578-581 N-D '66
- Use of program mare's serum and erythrocyte mass in sterility of cows. I. L. iAFrinchuk. Vetermariia 43 no. 179-80 Ja. 167

Pffect of a series of substances on photochemilumines cence of serum albumin solutions II Sapezhinskii, F.G. Pontsova Radiobiologiia 6 no 5 616-650 '66

SERUM DIAGNOSIS

- Diagnostic argaincance of the determination of embryo-specific alpha globulin in the blood serum of patients with hepatoma. IU S Tatarinov, A.M Nogaller Vop-onk 12 no 12 26-29 66.
- Immunodiagnosis of the thrombocytopenic syndicine, NI Grounaiskii, Probi, geniat i petel, krovi 8 no 2 10-16 F ¹⁶3
- Kunkel's phenol test in atherosclerests tayov, L. L. Gladkova, Lab delo no 1,43-15 167.
- Lapinized antigen for diffuse precipitation reaction in foot-and-mouth disease, A.P.Prostiakov, A.G. Luboshnikov, A.I Dudnikov Vetermarina 13 no 1 26-
- Materials from a serological study of farm animals for leptospirosis in Tyukalinsk District, Omsk Province I K. Chulovskir, Shor nauch rab. SibNIVI no il 165-
- New method of conglutination reaction for the detection of group factor Gy in human blood M. I. Potapow. Lab. delo no.1:7-9 '467.'
- delo no.1779 '67.

 Obtaining dry diagnostic serum against type I Clostridium
 perfringens I, P Zemitonitekata, K I, Matvecv Zhui
 mikrobiol, epid 1 immun 13 no 11 52-56 N '66
 Plasmocytic renction in the body of infected animals
 V. A, Nikiforov, Zhur mikrobiol, epid 1 immun 13
- no 11:5-9 N '66.
- Possibilities of the polarographic method in early diagnosis of pulmonary cancer: A, S Mamontov and others khinurgila 42 so. 11 89-91 N 166
- Production of diagnostic foot-and-mouth disease scrum for antigens using rabbit tissues. M V Zagorodnov. V B. Elegina, N. V. Prostationa Veterinaria 43 no 1 28-29 Ja 167.
- Ring serum test in the diagnosis of brucellosis, 5 Muratov. Veter institis 43 no. 12:14-16 D 106.
- Some problems of the diagnosis of brucellosis, M.M., Ivanov, E.A Bogdanova Veterinariis 43 no.1 32-33
- Use of mimal serum for the determination of human crythrocyte groups by the ABO system. M Kout, Probl gemat, I percl. Froyl 8 no. 2;31-36 F '63,
- Use of induced hemogglutination reaction for quantitative determination of diphthe is and tetanus antito ins in serum. I.i. Sapor halkovs. M. S. Zakhai ova Zhar. mika obiol., epid. i Immun. 43 no 11.48-52 N '66
- Use of Steffen and Coombs | methods for the detai minution of free circulating antihodies in the blood of patients with diffuse glomerulonephyttis G. E. Perchikova, I. N. Shabanova Lab. delo no. 1:3-7 '67.

SERUM PROTEIN

Modifying effect of secum protoins on desage relationship in radiation injury of crythrocytes L. V. Orlova, K. 5. Trincher, Radiobiologiia 6 no 6,915-916 66,

Data on pathogenesis of serum sickness in schizophrenia, IU, A, Il linskii, Zhur, nevr i peikh. 67 no. 1:83-87 *67.

SERUM THERAPY

- Methods of preparing high-potency serums against some respiratory viruses, L. P. Matorova, T. S. Noskov Vop virus, 11 no 5 600-601 S-O 166
- Sciological activity in thermal burns. P. N. Kostakov, V. N. Kazakova, L. N. Pushkut. Probl. gemat. i perel. krovi 8 no. 2 37-41 F '63.
- SERVICE INDUSTRICS see subdivision under Ukraine

SERVICE STATIONS

Remote control of service station fuel filling columns, P.B. Ivanitskii. Transp. i khran nefti i nefteprod no. 10 27-31 168.

SERVOMECHANISMS

- Accuracy of displacement angle reading by the receiver of a synch oncus servosystem with two degrees of freedom. E. M. Karpov, L. F. Kulikovskii. Autometrila no. 3:185-128 106.
- Optimal digital servo system. 1. P. Smol'nikov and others. Izv. vys ucheb. zav. , energ 9 no. 11:90-1 N '66

Aggregation in the interbranch balance, N.V. Diumin, IU.S. Arkhangel'skii. Ekon, i mat, metod. 2 no 6 841-847 N-D *66

- Chellysher center of system of sets, P. F. Bololnov 12 vys ucheb. 7av ,mat no. 6 18-21 166
- Relaxation method of finding the generic point of some convex acts and its use in solving optimization problems 1 M Bregman Dokl AN SSSR 171 no 5 1019-1022

SEVAN LAKE REGION—SOILS, RADIOACTIVE SUBSTANCES IN

Natural betam adiation of outer opped grounds of Lake Sevan V L Ananian Sook Lab agrochim AN Arm ыЗR no 4:45-51 '61

SEVASTOPOL-CITY PLANNING

- Mero city, S Tutuchenko, Strol carkhit, 14 no. 12:5-3 D :66
- Reborn from the ashes. A. Baglei. Stroi, i arkhit. 14 no 12 9-15 D 466
- Sevastopol in past, present, and future, V. Pashkov. Strol i arkhit, 14 no 121-4 D 166,
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SEVASTOPOL-COMMUNIST YOUTH LEAGUE

The glory of Sevastopol. M. Shishigin. Mol. komn. no. 11 7d-80 N '61.

SEVASTOPOL-LANDSCAPE ARCHITECTURE

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Hydrophysical Institute, V Arthukhov, Stroi, I arkhut, 11 no 12 22 D '66.

SEVASTOPOL REGION-MARINE FAUNA

Submarine research at the Sevastopol Biological Station of the Academy of Sciences of the U.S.S. R Aronov, Trudy Okean, kom, 14:76-81 162

SEVERNAYA SOS'VA RIVER-FISHES

Biology of some fishes in Severnava Sos'va River, V. F. Matiukhin, Trudy Inst. biol, UFAN SSSR no. 4º 37-45 466

SEVERO-STAVROPOL GAS FIELD-GRAVITY PROSPECTING

Calculating direct gravitational effect of gas pool in Sovero-Staviopol gas iteld R. F. Voloda; akii Neftegar gool i geofir no 12,26-29 186,

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Ti pualucent dome-shaped toof of sandwich elements. A. Zhuraviev, Arkhit, SSSR no, 8:56 166,

Sovin. A. Nikiforov. Zashch, rast. Il no. 11-33 466.

SEVIN-TOXICOLOGY

Studying the toxicity of sevin to animals. 1. N. Gladenko, O. A. Malinin. Veterinoriia 43 no 12:52-51 D 166.

SEWAGE

- Preventing the pollution of bodies of water by the sewage of Industrial enterprises. K.V. Shehegolev. Vod., kan., gldr. sect. no. 1:5-13 '86
- Toxicity of orthotoluidine and toluenediamine, the basic components of sewage resulting from the production of toluenediamine. P. S. Kralzman, N. S. Gorbon'. Vod., kan., gld1. soor. no. 1:108-115 '66.

SEWAGE-ANALYSIS

Comparing the methods of determining the chemical consumption of oxygen by sewage waters. N.P. Drozdov, Y.A. Vladimirova, Z.K. Kuptsova. Gidnells. (Lesokhim.prom. 15 no 4 20 162

SEWAGE--MICROBIOLOGY

Obtaining valuable substances during the biological purifi-cation of industrial sewage U.Bahrens, K.Sattlet Mikrobiologiia 31 no.2:344-349 Mr-Ap 162

SEWAGE-PURIFICATION

- Automatic control of the cyanide content of sewage, D.N. Smirnov, E.S. Monastyrenko, Vod., kan., gldr. soor, no. 1:95-108 '66,
- Automotion of the partitionalon of chromium-containing sewage, P.I. Avrutskil, G.M Burchenko, Vod., kan, gidr. 8001, no. 1; 70-77 '66,
- Chemical purification of furfurote-containing sewige waters. Report No. 2. IU. A. TSiriin, V. A. Vasil'eva A. A. IAsinskaia. Gidi oliz, i lesokhim, prom. 10 no. 8 12-14 16B
- Choice of an efficient system for the purification and utilization of sawage from wot gas putifies a of closed electric manganese-sideon furnaces. IA. V Duda, A.V. Rokshevskals, N.N. Askretkov, Vod., kan., gidr. soor. no. 1:115-121 166.

SEWAGE PURIFICATION (Continued)

- Efficiency of the performance of sand traps of various $(k_1)_{1 \leq i \leq 3}$ A G Klidebenko and othern. Vod. Con. gdd. with no $(k_1)^{2} (k_1)^{2} (k_2)^{2}$
- Paper thin neal study of the purification of sexage resulting from the production of Ellicatiophiny II 2 actyl infine ethanol (El Shiorbalov), Production Vod., Am., pldt. susu., m. 14, 57, 966.
- bund mental regularition of the process of biological exidation of the accordence of the woodpulp industry in alternal (M/A,1 vites in h=4 rady VMH); no big 11.69 % %
- Interestingly extraction of alected, the condition to a ways of gult and atom to partition to 1.1 distribution, 1.1 By horn. Voil, that [j.th., noor, as 1.5]-10. Interestingly.
- Materials on experimental studies of the toxicity of rewape is withing from the production of actylontiffle, P. V. Gad hovaket i and other i. Vid., can, gld moor no 1984 88 966,
- on consolingly me expert boligita in to construct or east of the wood nip hidratry, M.A. Lomova. Trudy VIIIII no 51.63 75 365
- Puriffs silon of fluor finescontaining newages for ulting from the similating of fluor is 10 A, kharlovich, A, F. Fines newton Viet (1 m., pld) noon no 1(1/10) 1966
- Partitional on the way is withing from the production of a sytomistic from a clone and hydroxy interactly. Is V she bogetev, it, V, the who alada, it, F, K, K, n needle, V(s), and plate many no 1769-05 (6).
- Purification of new age resulting from the production of nelly term for dyer. A G., albor hexadely, Vol.

SLAVER DESIGN.

Designing the newspage systems of a petrologic refiners without the district of a waps into the lody of suite B, c, Ziotniwov, 10 A Lightosich - Vol., ton , gidt roor - no, 1895-17 366.

SERVER PIDE

- I'ffect of slu inlage phenomena on the permeability of cer and snewer pipe B V. Lebeday, H M Schooter Stake fiker (24 no 1248/2019) (66
- Obtaining may for newer pipe by nintering local clays, A A, Brosserkhit, I, A Levine Stok, t ker, 23 no 12 21 21 10 266

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SHABAURA, F. L., 1007- MIBLECGRAPHY noe hib Hogeaphy Shub-blee, P. L., 1907

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SHAFT BIRRING - EQUIPMENT AND SUPPLIES (100 subdivision under legichia region (Uzbekishu)

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SHIGELLA (Continued)

- Comparative study on the antigenic complexes of Flexner 's dysenter and bacteria in S- and R- forms A G Skavron-shaia Zhui miki obiol, epid i immun 33 no 6 14-17 Je 162
- Effectiveness of the haptocholic flocculation reaction and the phage titer growth reaction as methods of indication of disenters bacter a on a surface, author's abstract

 G. A. Bashmakov Zbur mikrobrol , epid i mmun 33
 no 6,92-93 Je ¹62
- Genetic recombinations in intestinal b cteria Report No 1. Hybridization between Escherichia coli and Shigella fle meri A.P Pekhov. A Abidov Bul eksp biol i n ed 55 no 5,88-90 \ly '63
- Netsect and Massim phenomenon in Plexner's dysenterial bacteria E, A lebedeva Zhur mikrobiol, epid i immun 33 no 6 27-32 Je '62
- Origin of mannitol-negative variants of Flexner's dysen-terial bacteria P.I Emel'ianov Zhur mikrobiol, epid i immun 33 no 6 32-37 Je '62
- Substitution of the conservant agent with selenite medium concentration in examination of exerements for Shigelia and Salmonella IU.1 Litinskii and others Lab delo no 1.38-10 167

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- Brief nevs Ziau wike objet , epid 1 immun 33 no 6 152-157 Je $^{1}62$
- 152-157 Je '62
 Computation of the types of Flexner's dysenterial microbes according to the international and temporary Soviet classification F D Ravich-Binger and others Zhan mikrobiol, epid immun 33 no 6:7-12 Je '62
 Some notes on Soviet classification scheme for dysenterial bacteria M F, Lipkin Zhur mirobiol, epid immun 33 no 6:12-13 Je '62

SHIKINA, LIUDMILA

1 fudmile Shikina's first book "Contemporaries." 2.Goluheva. V mite knig 6 no.10.33 O '66

SHIP HANDLING

- Catculating the maneuverability of the ship in wind, A D Gofman, V, I Zaikov, A V Semenova-Tian-Shanskais, Trudy LIVI no 81 21-36 465
- SHIP MODELS-TESTING see subdivision under Trondheim

SHIP PROPULSION

Mathematical model studies of transient processes in a c electric propelling machinery BS Rumiantsev Sudostroente 28 no 12-33-38 D '62

SHIPBUILDING

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Some problems of the interrelationship between the hull Construction and shipbuilding technology A A Praydin Trudy Kal, tekh inst, 19b, prom 15 144-158 162,

SHIPBUILDING-ACCOUNTING

Dusiness accounting indices in shipbuilding. V A. Diozdovskii Sudostroenie 56 no. 11 17-17 166.

SHIPBUILDING-EQUIPMENT AND SUPPLIES

Mechanizing the drawing of the tail shaft. I.V. Tishkovets.
I. G. Faivilevich Sudostroente 28 no 12:58-60 D '62

SHIPBUILDING-RESEARCH

- Amiversary of the scientific technological societies, S. P. Loginov, Sudosti cenie 58, no. 11, 79-81, 166,
- Scientific Technological Society of the Shipbuilding Indus-try 14 100 years old, B Butoma Sudostreenie 56 no 11-3-4 466

SHIPBUILDING MATERIALS

New types of premixed extinsion compounds, A.A. Briakolov, V.M. Tendler, Trudy LIVT no. 82:81-83 165.

SHIPS

(see also subdivision under Great Britain; United States)

Surface ships are really becoming surface ships. D.A. Tuz, N.P.V'innenko Mor shor 49 no.10,22-25 O

SHIPS-ELECTRONIC EQUIPMENT

Overall automation of rivercraft K, Naidenko, Rech. transp 21 no 7 22-24 Jl '62

SHIPS—EQUIPMENT AND SUPPLIES

Account of a ship's spare parts, tools and accessories K.V. Nediatkov. Mor. shor 40 no 10 71-75 O '66.

Aleksandrov, A.V. [Ship systems] Sudovye sistemy.

[Leningrad] Sudostroenic, 1966. 219 p.

SHIPS-HEATING AND VENTILATION

Passibilities for the improvement of heating systems of despiration for the improvement of neuting systems of steam power units on trawlers, L. P. Korshunov, Trudy Kal. tekh inst ryb. prom. 15-119-128 *62.

SHIPS-HYDRODYNAMICS

Cavity flow of a liquid stream of finite depth about a thin wedge. V. B. Starobinskii Trudy LIVT no. 51:54-59 165.

- Effect of fan way constriction on the viscous resistance at supercritical speed of motion 1 O Veledantskii, lindy LIVI no 8t 60-62 *65
- Effect of the trum on the lifting power acting on the hull of a circling ship. A. L. Fonarev. Trudy Kal. tekn. unst.ryb prom. 15 167-177 162
- Effect of trim difference on the hydrodynamic characteristics of a ship's hull A.D. Gofman, V. I Kogan, A.V. Semenova-Tian-Shanskaia Trudy LIVI no 81 37-39 165.
- Kostukov, A.A. [Resistance of water to the movement of ships] Sopicitiviente vody dvizhenilu sudov. Leningrad, Sudostroenie, 1986. 447 p.
- Solution of the Thomson problem on ship waves with the help of dimensional analysis theor, L A. Epshtein Trudy Kal tekh, inst. ryb. prom 15 178-183 162
- A thin vane of liminal extension in a restricted stream. V I, kogan. Trudy LIVE no 81 40-49 '85

SHIPS-LAUNCHING

Problems of maximum stillization of the load capacity of ship launching and lifting units, A. G. Arkhangorodskii Trudy Kal tekh inst. 13b prom. 15 3-17 '62,

SHIPS-LIFTING DEVICES

- Basis for the choice of types of litting devices for sea-going vessels. S. M. Kaganov, V. P. Popov Trudy SoluzMorNHP: oekt no 7 104-ll3 165
- Problems of maximum utilization of the load capacity of ship launching and lifting units, A. G. Arkhangorodskin Trudy Kall tekh, inst.ryb. piom. 15, 3-17, 162,

SHIPS-MAINTENANCE AND REPAIR

- Consolidated calculation of the technological part of the design of ship repairing enterprises, O. K. Baliakin Trudy Soluz Mor NIIProckt no 7 113-143 '65,
- Dvorkin, M.I. [Automatic electrodeposition of wear-resistant coatings in ship repair] Avtomatizatsiia nanesenila iznosostoikikh gal'vanopokrytii v sudo-remonte, [Moskva] Transport, 1986, 45 p.
- Kuzimin, F.M., and IU. K. Matasov. [Paint materials in ship repair] Oktasochnyo materialy v sudoremonic, Moskva, Transport, 1966. 102 p.
- Mechanizing the technological processes of part strengthening in ship repair P.P. Nemkov LIVI no 82,11-12 '65
- Overall mechanization of fitting operations in ship tepair, V. P. Mardenskii, Trudy LIVI no. 82:5-10 '65
- The progressive crews share their work experience with the entire fleet Rech, transp 21 no 7 52 Jl 162

SHIPS-PAINTING

- Kuz'ınin, F.M., and IU, K. Matasov. Paint materials in ship repair] Okrasochnye materialy v sudoremonte, Mogkva, Transport, 1960. 102 p.
- Synthesis of new toxic additives to antifouling paints.

 N N, Methikov, I, L, Vladimirova Trudy Okean kom.
 13 10-18 '62

SHIPS—SAFETY REGULATIONS

Minimum area of the storm parts of seagoing ships V. V. Lugovskii. Sudostroenie 55 no. 11 16-21 to

SHIPS—SANITATION

(see also subdivision under Baltic Sca; Black Sca; White Sca)

Removal of sanitary sewage from ships. V. Maialin, B. Fominykh, Rech transp. 21 no 7:19-20 J1 '62,

SHIPS-SOUNDPROOFING

- Effect of technological factors on the soundproofing capacity of bulkheads, G.D.Izak Trudy LIVI no. 82
- Noise abatement on mass-produced motor ships of the "Zapm ozh'ye" type. M. I. Rzhavskii. Sudostroente 56 no. 11 f1-18 168
- Soundproofing capacity of double-wall ship constructions, I.I. Bogolopov, Sudostroenic 56 no 1:-10-1: 168,
- State and problems of noise control on ships, 1.1. Kliukin. Sudostreente 56 no. 11.5-10 *66.

SHIPS-WATER SUPPLY

Astratov, N.A. [Demineralization and description of water on ships] Opresnenic 1 description was a sudakh. Leningrad, Sudostroenie, 1966. 266 p.

SHIPS--WELDING

Experience in using A-825 hase-type semiautomatic machines in shipbuilding. M. L. Fukel'man, N. K. Tetells. Avtom. svar. 29 no. 12:58-59 N [1, c.D.]

SHIPS. CONCRETE

- 'Regulations on the hutlding of reinforced concrete inland waterway vessels' of the River Register of the R.S.F.S.R. (1966 issue). N. Egorov. Rech. transp. 25 no, 12:31 166.
- Technical and economic indices of reinforced concrete stationary vessels. V. A. Sokolov. Sudostroenie 28 no 12:54-58 D '62

SHIPYARDS see subdivision under Astrakhan

SHIP YARDS-ELECTRIC EQUIPMENT

Reingol'di, IU. A., cd. [Electric equipment of ships and ship repairing yards] Elektrooboyudovanie sudov i sudoremoninykh zavodov. [By] IU. A. Reingol'di i dr. Moskva, Transport, 1986 350 p.

SHIPYARDS-EQUIPMENT AND SUPPLIES

Pinishing vibration pulverization of cement in the building et icinforced concrete ships A Arapova Rech, transp 21 no 7 21-27 , ji '62

SHKLIARUK, PAVEL VASIL'EVICH, 1948-1966

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SHMIDT, OTTO IUL'EVICH, 1891-1956

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SHOCK

- Effectiveness of antihistaminic proparations in anesthesi-ology D. G. Tagdist Azerb med zhut 10 no. 9,3-12
- Effectiveness of endotracheal oxygen and other anesthesia in repeated trauma and hemorrhage in a state of shock A.V Martinous Phaper khir i anest 6 no 6:71-73 N-D '6)
- Physiological analysis of the preventive action of dimedi ol in hemchetei otransfusion shock K. A. Shaimar -danov Biul eksp biol i med 55 no 6:44-48 Je '63
- Preventive action of aminazine and diprazine in experimental neurogenie shoek L. V. Krushinskii, L. P. Dobrokhotova Pat. fiziol, i eksp., terap. no. 3:01-82
- Surgical interventions as a reasimation component in severe traumes to the extremities. M.M. Rochinskii, V.G. Pilinoga. Traymatologiia no. 1:124-129 155.

SHOCK (MECHANICS)

Selecting the base of resistance tensiometers to study pulsation processes of short duration occurring in clastic systems 1, [A Ivakin [Nauch trudy] FNISMASia no 14:120-129 '68.

SHOCK WAVES

- Akademila nauk SSSR. Fiziko-tekhnicheskil institut. [Aerophysical studies of supersonic flows] Aerofiziche-skie issiedovanita sverkhzvukovykh techenti Moskva, Nauka, 1067–301 p.
- Determining integral absorption coefficients of air heated by strong shock waves. A I Petrukhin, V A Proskuris-kov Zhur ekspriten fiz 51 no.5 1348-1357 N 186
- Exothermic reaction zone in one-dimensional shock wave in gas R L Soloukhin Fiz gor i vrryva no 3,12-16 '66
- Propagation of a shock wave in a reservoir of uniform depth at a large distance from the place of the explosion, B A, Eugovisov, PMTF no 3*31-39 My-Jv 162
- Strengthening of metals under cumulative shock waves, K.1 Kozotezov, Dokl, AN SSSR 171 no. 2; 421-326
- Structure of flow in a spinning detonation wave. B. Voiteckhovskii, V.V. Mittofanov, M.E. Topchian, PMTF no. 3 27-30 My-Je *62.

SHOE INDUSTRY

(see also subdivision under Odessa)

- Classification of footweer materials N.A. Gunrennyi, Lev. vys ucheb zav stekh leg prom no. 5 103-107 '66.
- New method of determining the assortment of footwear for various age groups OV. Famileya, N. V. IAnovi-iskii Iv. vys. ucheb. zav. , tekh leg prom. na 5 117-126 '66,
- SHOE INDUSTRY-MANAGEMENT see subdivision under

SHOE INDUSTRY-RESEARCH

rependence or residual clongations on the residual stress es of chrome leather uppers kept in a deformed state for various persides of time A. Ratautes, N. Majau-skiene Izv vys. ucheb. zav., tekh. leg. prom. no. 5-03-67 Dependence of residual elongations on the residual stress-

SHOE MACHINERY

- Funnel with automatic food of melted wax to the cut of the weited shoe sole. V. H. Lovvin, Leh. prom. no. 2:54-55 Ap-Je 182.
- Manufacture of welted footwast with the use of semi-automatic FKP-1 machines, I. H. Holldshtein, R. M. Kahanavs'ka, D. I. Slobodian, I ch. prom. no. 2:14-19 Ap-Je 162.
- Preumatic valves of the automatic control system of the AVS semiautomatic unit. M I. Petrosiuk, C.A. Piskorskii, Izv. vys. ucheb. zav. , tekh. leg. prom. no 5 111-146 '06.

SHOE MACHINERY-TRANSMISSION DEVICES

Determination of losses of a two-phase worn reductor of the drive of a footwear conveyor from the temperature increase in the off bath. A.A. Piatnitskii, R.M. Vdovin, V P. Serdink Izv vys. acheb. zav., tekh, leg. prom. no. 5:168-172 '68

SHOL MANUFACIURE

Anol hin, D.I., and IU. P. Zybin. [Calculation of the defor-mation of the uppers for the pulling over and making of Insting! Ruschet deformatist ragulovid difa obttachno-zativenogo sposoba formovanta, uchebnoe posobic Moskva, I egiata industriba, 1965. 20 p. [MICROFILM]

Role of the separate parts of the lovers in the formation of the rights of the loot real 1 M Shippora, Hr P Z rin 1800 is a right bar, each h zav, eigh high promision 5 81-49 106

de to

Stelling the kinetics of the draing of footbeat faiterials
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Use of comented series in the assembly of bests made from rubberry difeather substitutes. O V Farmed and others. Leh prom. no 3 62-06. Ap-Je '62,

SHOEBILL

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SHOKHIN, ANDREI PAVLOVICH, 1901-1937

Andrei Shokum A Unografer, P Rudney has the

SHOLOKHOV, MIKHAIL ALEKSANDROVICH, 1905-

In the literar, expited P. Garrilanko Sov Ukr 12 ro, 4 Hi-121 Apr 162

Vaclatik, Antonin, [The art of psychological analysis in the work of Milhail Shotokhov] Blussive psikhologiche-skogo analiza v teorchestve Mikhaila Shotokhov; Prague, Statni pedagogicke naklad, 1962—135 p (Olomouc, Moravia—Palackeho universiteta Filosofic-sa fakulta Philologica, no 6)

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Magnetomechanical separation of pellets L. A. Litvinov Lit proize no Refl N '63

SHOULDER-HAND SYNDROME

Shoulder thand reflex neurodystrophic syndrome in cervi-cal osteochondrosis, It Mr. Poplianskii Zhur, nevr i psikh 63 no 143-48 '53

SHOULDER JOINT-DISCASES

Pscudarthioses of the humarus and their treatment. B. I. Shkurov, N. F. Savenko, Travmate wila no. 1 246 252 165.

SHOULDER JOINT—DISLOCATION
Habitual dislocation of the shoulder joint and its surgical treatment. A.1A Shoutin. Travmatologue no 1-25.2-25.8-65

Surgical treatment of habitual dialocations of the shoulder joint V. A Droboton Traymatologia no, 1 259-264 '65.

SHOULDER JOINT-SURGERY

Habitual dislocation of the shoulder joint and its surgi-cal treatment A.IA. Shtutin. Travmatuloglia no 1 253-258 '65

Late results of surgical treatment of complicated frac-tures of the humeral neck, N. Kh Salakhetdinova. Trudy Irst 172, N. V. Skiif 7 33s-312 63

Sungical treatment of habitual dislocations of the shoulder joint, V. A. Drobotun. Traymatologiia no. 1,256-284 '85

SHOW WINDOWS

New Year's show windows; artists tecommend, Knizh. torg 17 no 12,23 D 166

SHRIMPS

Morphological variability, distribution and ecological characteristics of Niphsrgoides(Pontogammarus) robustoides(Gr.) I I Dediu Biol res vod Mold no 4 47-49 166

SHRUBS

Trees and shrubs of U.S.S.R.) Derey'la i kustarniki SSSR. [By] N.A. Borodina i di. Moskva, Mysl', 1988. 637 D. (Spravochniki-opredsifieli geografa i puteshestvennika)

SHUGAEV, VIACHESLAV

Viacheslav Shugaev's first book "Love in the middle of summer," O. Udachin. V mire knig 0 no. 11:27

SHULEIKIN, VASILII VLADIMIROVICH, 1895-Vasilii Vladimirovich Shulaikin; on his 70th birthday, L. A. Korneva. Trudy Mon. gliroftz, inst AN UHSR 37:257-262 166.

SHUL'GIN, VASILII VITAL'EVICH, 1878-V V.Shul'gin's reminiscences, V Vladimirov, Int. V V.Shuligin's reminiscences, SSR 10 no.6 65-70 N-D '66

SHUVALOVO (LENINGRAD PROVINCE)—SEME-CONDUCTORS—RESEARCH

The semiconductor institute. D. L. Golid, E. V. Kriskovich. Strom narkhit, Lcn. 25, no. 914-15, S. 163

SIAULAI DISTRICT-PLANTS, PROTECTION OF Important resource B. Margiene. Zashch, rast li no. Il 13-14 '65.

STBAY REGION (BASHKIRIA)-COPPER MINES AND MINING.

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SIBERIA-AGRICULTURE-ECONOMIC ASPECTS

Economic condition of Siberian village on the eve of changing to a new economic policy. A. Vveden, kala Trudy Itk, up. 40 59-78 '63

SIBERIA-ANTIQUITIES

Akademila nauk SSSR. Sibirskoe otdelenie, [Anciert Siberla] Drevniala Sibir'. Novosibirsk, Nauka, No. 2. [Collection of articles on Siberian archaeo-logy] Sibirskii arkheologicheskii sbornik, 1966, 320 p. (Materialy po istorii Sibiri)

SIBERIA—CALVES—FEEDING AND FEEDS

Barns for raising calves by the group-shift method using nuise cows on farms in Siberia raising dual-purpose cattle P. T. Lebedev. Shor nauch reb SibNIVI no. II 213-219 162,

SIBERIA—DISCOVERY AND EXPLORATION

Akademila nauk SSR. Sibb skoe ofteleople. [S.P.Kia-sheniunkov in Siberia, unpublished materials] S.P. Kia-sheniunkov in Sibri; neopublikovannye materialty. Podgotovka teksia i vetup stat'la N.N.Stepanova. Moskva, Nauka, 1966. 239 p

SIBERIA-FISH INTRODUCTION

Introduce northern whitefishes into reservoirs of Sherra, T. Lukijanchikov Irv. Biol. - geog. nauch. issl. inst. Irk. un. 18 no 1/2:187-190 '65

SIBERIA-GEOGRAPHICAL RESEARCH

In the Institute of Geography of Siberia and the Pai Past (April 1963-March 1965), B. P. Polevoi, Doki, Inst. geog. Sib. i Dal' Vost, no. 10.71-79 '65,

SIBERIA-HISTORIOGRAPHY

Recent studies on the history of Siberia in the period of feudatism, S M Trouviku, Ist SSSR 10 no 6-124-132 N-D 166.

SIBERIA—HISTORY

Bakhrushin lectures, L. M. Goriushkin, Izv. SO AN SSSR no. 3 Ser, obshchiestv nauk no. 3 157 158 160.

SIBERIA—HISTORY—SOURCES

Who wrote "From Siberia," an article published in A.I. Herizen's new spaper "Kolod of Li K Dukhin Ist. SSSR 10 no. 5:219-220 N-D 166.

SIBERIA—HYMENOPTERA, FOSSIL

New Xyelidae (Hymeroptera) from Mesozote of Asia A P. Raznitsyn Paleont, thut. no. 4 69-85 166.

SIBERIA--ICE ON RIVERS, LAKES, ETC.

Hydrological forecasts for the estuaries of Sibertan fivers and their corrections, evenplified by the forecasts for navigational purposes in 1957 V.S. Antonov. A. P. Burdykina Probl Arkt no 7 43-53 159 (1997)

siberia—industrial safety—finance

Efficiency of expenditures for industrial safety, 1, 5, Korovin Irv. SO AN SSSR no. 8 Scr. obshehestv. nauk no. 3 69-73 '66

SIBERIA-LABOR AND LABORING CLASSES-STATISTICS

Changes in the size of the working class of Siberia and the Far East in the years of the Great Patriotic War, 1941-1915. G A Dokuchaev Izv. SO AN SSSR no. 9. Ser, obshchesty, nauk no 3 100-105 '66.

SIBERIA-MAN, PREHISTORIC

Akademiia nauk SSSR. Sibirskoo otdelenio. [Ancient Siberia] Drevniaia Sibir! Novosibirsk, Nauka, No. 2. [Collection of articles on Siberian archaeology] Sibirskii arkhaelogicheskii abornik, 1966. 320 p. (Materialy po istorii Sibiri)

SIBERIA-MEDICAL GEOGRAPHY-RESEARCH

Medical geography and reclamation of new areas in Siber ia and the Far East. E. J. Ignatiev. Dokl. Inst. geog. Sib. i Dal'. Vost no. 9,26-31 '65.

SIBERIA-MOOSE-FULDING AND FUEDS

Notes on fall feeding habits of moose in Siberto, V.V. Strokov, Biol Lyrom losts, no. 2179-161-165

SIBERIA-NATIONAL SONGS, FRENCH

"Marseillatae" in Theria in 1905-1917, T. A. Kuklina, Ita SO AN SSSR no. 9, Ser chehiche dv. nauk. no. 19 134-149-466

SIDERIA-ONIONS

Propagation under natural conditions of the Siberian types of onton O V. Daeva Stid Glav bot and no 63cd.

SIBERIA-PALEONTOLOGY, STRATIGRAPHIC

SBERIA—PALEONTOLOGY, STRATIGRAPHIC

Akademila nauk SSSR, Oldelenie nauk o Zemle, Oldelmenenga affehesichik kolledisti. [Continental Upper Paleo-zole and Mesozole of Siberia and rentrat Kuzakhstan, blosteatiga aphy and paleontology] Kontinental'nyi yerikanti paleozoli i mezozol Sibiri i Tsentral pogo Kuzakhstan, blostratigrafia i paleontologila. Moskva, Nauka, 1966. 192 p. 110s.

SIBERIA-PASTURES AND MEADOWS

Let us conquer flood land meadows. I Brikov, N Storo-khodov. Zemledelic 28 no. 12 18-19 D 166

SIBERIA-PETROLEUM PIPELINES

Control of off and petroleum products losses in main lines of Unit-Albertan Petroleum Pipelines Administra-tion N. K. Bottoova — Inmap 1 km an neftt, i nofteprol no 10 8-8 466.

SIBERIA-RAILROADS-DESIGN AND CONSTRUCTION

Organization of the construction of a reference in a Stherien for sted and swamps area. L.A. Vasilevskii, Transports of H. no, H.16-19 N. 161

SIBERIA-RESEARCH

Development of referee in Scheria and the Lay Bast on the eve of the war 1 A. Lukin ikit Lv. SO AN SSSR no 9. Set. obslichesty, mark no 3 92-99 466

SIBERIA—REVOLUTIONISTS

Moshcherskii, A.P. [Urrsi Marxista in Sibertan cylle] Pervye markalsty v sibiriskot saylke. [Inkutak] Vo-stochno-Sibirskoe knizhnoe Let-vo, 1908, 219 p. (Zamechatel nye Indi v Sibir)

SIBERIA—RUSSIAN POETRY—HISTORY AND CRITICISM Poetle Siberta. G. Pechorov. V mire knig 6 no. 11.

SIBERIA—SCARABARIDAE
Description of larvae of two Sentabacidae (Colcopter 2) aper ten from Siber in G. I. Calkin. Zool 2 hin no 11-112/-1729 96

SIBERIA—9WINE—DISHASES AND PESTS

Manifestation and development of injectious atrophic thinking in swint P. T. Labedov, T. V. Limbina nauch, rab. SibNIVI no. 16176-162 (62)

SIBERIA-TUBERCULOSIS IN POULTRY

Complex of measures for the elimination of tuberculosis in chickens. D. S. Butyrina. Short nauch 18th SibNIVI no. B 138-147 - 162,

SIBERIA-VACATIONS, EMPLOYEE

the first profession of the rational value of workers) leve; from practice in commond, and so dological study. R. N. Khomelianskit. Lev SO AN SSSI no P Sci. obshichesty, nank no, 3:25-31 196.

SIBERIA-WHITEFISHES

Introduce northern whilefishes into reservoirs of Siberia, I. Luklianchikov. I/v. Biol -geog. nauch -1981, inst. Luk. un. 18 no. 1/2-181-190 (66.

SIBERIA, EASTERN-ARCTIC FOX

Changes in the distribution of Arctic fores in northeast ern Siberia and Kamahaika A. A. Kashehluskii Vop-geog Kamah no 3-91-94 '65

SIDERIA, EASTERN—DIRDS

Analysis of the bird fauna of Pastern Siberia. T. N. Ga-gina. Iv Vost -Sib. old Geog ob-va SSSR 60 fit-116 '62

SIBERIA, EASTERN—BLACKFLIES

Disporsion of Angara binack files over lange distances and their distribution according to reliaf features; preliminary report. N. IA. Markovich and others. Med parezit parazibol. 32 no. 2:107-198 Mr.-Ap '63.

SIBERIA, EASTERN—CHERNOZEM SOILS

Camilial characteristics of soits in connection with their media atten N.I. Karmankhov, Irv. Vost. - Sib old. Geog. Ob-va SSSR 60,22-18 '62

SIBERIA, EASTERN—ECONOMIC CONDITIONS

Ways of combining the occupation of the abortginal rays of communing the decopation of the notificial peoples of the notth with new branches of economy is newly reclaimed regions. K. P. Kosmachev. Dokt. Inst., goog. Sib., i Dal'. Vost. no. 10:45-51 '65.

SIBERIA, EASTERN-ECONOMIC GEOGRAPHY

- Economic geography of Eastern Siberia "in action " V. A. Krotov 32-37 165 Dokl Inst geog 5th i Dal! Vost no 9
- Formation of territorial differences in the economy of the southern put of fastern Sher is during the first half of the 18th century T. N. Vorob'eva, Dokl, Inst, geog. Sib. 4 Dal', Vost no 10:59-67 '65.

SIBERIA, EASTERN-GAS, NATURAL-GEOLOGY

Hussia (H.S.F.S.R.) Vostochno-Sibi skoe geologiche-skoe upi avlenic po polskam i i azvedke nefti i gaza [Geology and gas and oil potentials of Eastern Siberia] Geologia i gazonefronosnosti Vostochnoi Sibiri Mo-skva, Nedra, 1986 438 p

SIBERIA. EASTERN-OIL FIELDS

Petroleum in Castern Siberia G. C. Karasik Azerb nest khoz 12 no 7 18 Jl 163

SIBERIA, EASTERN-PETROLEUM GEOLOGY

Russia (R.S.F.S.R.) Vostochno-Sibli skoe geologiche-skoe upiavlenie po poiskam i nazvedke neft i gaza (Geology and gas and oil petentials of Eastern Sibri ia) Geologiia i gazoneftenosnost vostochnol Sibri i Mo-6kva. Nedra, 1966, 438 n

SIBERIA, EASTERN—SWALLOWS

Systematics of the martins of Fastern Siberia T.N. Gugina Ivy Vest. Sib old Geog ob-va SSSR 60 117-119 '62

SIBERIA, EASTERN-TRANSPORTATION

Ways of combining the occupation of the aboriginal peoples of the north with new branches of economy in newly reclaimed regions K P. Kosmachev. Dekl. Inst. geog. 3th.; Dall. Vost. no 10:45-51 165

SIBERIA, WESTERN-AGRICULTURE-FINANCE

Analysis of the use of production funds A Zakharov, G Kolyvanov Ekon selthor 42 no 12:63-69 D '66

SIDERIA. WESTERN-ANTIQUITIES

Aladentia nauk URSR. Institut arkheologii. [Andronovo culture, in three paris] Andronovskala kul'tura, v trokh vypuskakh. Moskva, Nauka (Arkheologiia SSSR, svod arkheologicheskikh istochnikov, no V 3-2)
No 1. [Monuments of the western regions] Pamiatniki zapadnykh ratonov. 1968. 62 p. Illus

SIDERIA, WESTERN-CERAMIC INDUSTRIES

New deposit of quartz raw materials for glass and commit industries in Western Siberia, V.V. Peskov Stek i ker 23 no 11 29-31 N 166

SIBERIA, WESTERN-FEEDS

[Fied production in northern Kazakhstan and Western Siberia] Komproizvodstvo v Severnom Kazakhstane i Zapadnoi Sibiti. Moskva, [Kolos] 1966. 399 p. (DNAL)

SIBERIA, WES PERN-GAS, NATURAL

Geograficheskoe obshchestvo SSSR. Novosibirskii otdel.
Problems of exploitation of the West Siberian oil- and gas-bearing province] Problemy osvoenifa Zapadno-Sibirskoi neftegazonosnoi provintsii. Novosibirsk Zapadno-Sibirskoe knizhnoe izd-vo, 1966. 130 p.

SIBERIA, WESTERN—IRON ORES

Application of borehole magnetic prospecting in iron of e deposits of Western Siberta. E A, Barinov and others. Metod I tekh razved no. 52:11-55 '65.

SIBERIA, WESTERN-LAMELLIBRANCHIATA, FOSSIL

Conditions governing inhabitation and burial of bivalve mollus's and paleogeographic significance of such observations N.V. Ivonova. Biul. MOIP. Old. gool 41 no 4:156-157 Jl-Ag '66.

SIBERIA, WESTERN-MOSQUITOES

Fauna and ecology of bloodsucking mosquitoes in middle taigs subzone of Western Siberia L. P. Kukharchuk Zool zhur 45 no 11:1732-1733 '66

SIBERIA, WESTERN-PARASITES-DUCKS

Practices in the vermitugal treatment of ducks in groups against Polymorphus infestation Report No.1, A.S. Selivanova Spor, nauch, rab, SibNIVI no. 11 203-206

SIBERIA, WESTERN-PEAT

Study and utilization of peat resources of the West Siberian Lowland, A.S. Olenin, Dokl. Inst. geog. Sib i Del'. Vost. no. 9 38-43 165

SIBERIA, WESTERN-PETROLEUM

Geograficheskoe obshcheatvo SSR. Novosibirskii otdel.
[Problems of exploitation of the West Siberlan oil- and
gas-bearing province] Problemy osvoentia ZapadnoSibirskoi neitegazonosnoi provintsii. Novosibirsk,
Zapadno-Sibirskoe knizhnoe izd-vo, 1966. 130 p.

SIBERIA, WESTERN—PRECAST CONCRETE CON-STRUCTION

There is need for a house construction firm. A. Pichugin, A. Ruch'ev, I. Malkov Ekon, stroi 8 no. 12:25-28 D '66.

SIBERIA, WESTERN-RAILROADS-EMPLOYEES-EDUCATION AND TRAINING

Correspondence training of specialists for West Siberian introad V S. Doroshenko Zhei, dor transp. 18 no. 10 80-81 O '66

SIBERIA, WESTERN-TILLAGE

Stubble fields and stubble strips S.S. Schobillov, V.G. Trachenko Zemledelic 28 no 10:30-33 O 168

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SIBERIAN PLATFORM-MERCURY ORES

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SIBERIAN PLATFORM-ORE DEPOSITS

Mercury and mineralization associated with it in south-ern part of Sibe; ian Platform V N.Znamir obskit ern part of Siberian Platform V Sov.geol 9 no 12 11-20 D '66

SIBERIAN PLATFORM-TRILOBITES

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Effect of the angle of declination on the work of a sieve. A N.Dzher 151-164 62 N, Drhei validze Trudy GRUZNIIMESKIIa 8 no 2

Theory of plane sleves, S. M. Grigoriev, Zap. LSKIII 96-171-188 '65,

SIGIT see Vision

SIGNAL THEORY (TELECOMMUNICATION)

Adoptive frequency selection in multichannel asynchronous transmission systems Sh M Chabstov Liv.vysucheb zav ,:adiotekh 9 no 6:758-765 N-D '66

Application of the Koiel'nikov theorem in apparatus snal-ysis of band signals G. I. Vestuk, V. I. Chatkovskii Izv vys ucheb zav , radiotekh 9 no.6-785-788 N-D '66

Asymptotic method for the synthesis of phase keyed signals with a given autocorrelation function, D E Vakman Radiotekin, i clektron 11 no 11 2057-2059 N 166

Average number of overshoots of a random process at the output of a receiving device. M I Dormen Lavys ucheb zav , radiotekh 9 no 6:742-750 N-D '66

Calculation of operating characteristics of accumulators of periodic signals G. I. Nikitin Izv vys. ucheb znv.; rediotekh 9 no. 6:726-734 N-D '66.

Contribution to the theory of a polarits coincidence corre-into: L. E. Koptlovich Ezv vys. uchob. zav ; radiotekli 9 no 6.718-725 N-D '66.

Degree of radio signal polarization. A. P. Rodimov. Radiotekh, i elektron 11 no. 11:1967-1973 N 166

Determination of the envelope of the correlation function of a high frequency wideband signal, V, A, Viatkin, S, 1, Davydov, Radiotekh, i elektron 11 no. 12:2114-2118

Determination of the interval of independent registration of random stationary process by comparison of the distribution functions of two-dimensional probability densities, N.A.Rubichev. Radiotekh, i elektron, no 12 2220-2221 D '66,

Distribution of time interval probability between zeroes of a narrow-band normal random process. A.M. Romanov, B.A.Sidorov, Radiotekh, i elektron, li no, 17:2222-2226 D '86.

Effect of the nonstability of the carrier frequency on the interference rejection of discrete radio communication systems, V.T.Gorlainov, Elektrosviaz' 20 no.12.15-22 D 468.

Effectiveness of suppressing impulse noise using non-linear feedback V.D Krasilhikov. izv. vys. ucheb zav., radiotekh. 9 no. 5:616-621 S-O '66.

Energy spectra and some correlational characteristics of a code impulse signal. V. E. Gurevich. Elektrosviaz' 20 no. 12:54-60 D '66.

Evaluation of phase distortions using the pulse response of a communication channel, E A. Sukachev. Elektrosviazi 20 no.12 77-78 D *86.

Fluctuation characteristics and spectrum of radio waves in the interplanetary modia. O.I IAkoviev. A.I Effmov. Radiotekh i elektron. 11 no 11 2664-2006 N *166.

Kanarcikin, D.B., N. F. Pavlov, and V. A. Potekhin.

[Polarization of radar signals] Poliarizatsila radiolokatsionnykh signalov. Pod rad. V. E. Dulevicha, Moskva, Sov. radio, 1986, 440 p.

Method for the reception of radio signals with strong external FM background signal A. I. Grechikhin Izv. vys.ucheb.zav., radiotekh 9 no 04766-771 N-D '66.

Nonstationary processes in Stoke's transformation G.L. Gurevich, IU A Otmakhov Radiotekh i elektron. II no, 12 2426-2230 D 166,

Optimal selection of the parameters of a communication channel during random coding V.I Bunimovich, V.N. Kurakii, V.A. Morozov Radiotckh. i elektron 11 no. 12 2107-2113 D 166

Rising of a signal above noise in filtration of elementary radio aignals with phase Feying V M, Karahin Elektrosviazi 20 no 12 9-14 D 166

Selection of redundancy for interference proof codes with finite reliability of coding and decoding devices. IU. N. Mel'nikov. Elektrosyrazi. 20. no. 12 1-8. D. 165.

Some prospects for separation and synchronization of phases in the separation of some amplitude modulated signals with overlapping spectra S. 1U. Vozbinas Radiotekh i elektron. 11 no.12 2128-2131 D 166

Somes opensentations of multidimensional probability density of the envelope of a normal random process with zero average. V G Svettov Radiotekh relektron 11 no 12 200-227 p 166

Steady mode of oscillations in pulse systems with delayed negative feedback. A D Grigortev. Radiotekh, i elektron. 11 no.12 2230-2232 D 166

Two-dimensional characteristic function and density of probability distribution of phase modulated normal none process Radiotekh i elektron 11 no 11-2059-2063 N 466

SIKHOTE-ALIN' RANGE-PALEOGEOGRAPHY

Sharudo, 1.7. [Cretaccous paleogeography of the Sikhote-Alfin Range] Paleogeografila Sikhote-Alfinla v melovoc viemia. Novosibiisk, Nauka, 1866. 56 p.

SILAGE

Haily silage corn hybrids for the routhern Uktaine and Moldavia. V T Suyorov, N G, Malova Gen., scl i sem kuk no 1 202-272 465

SILAND

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Growth of single crystals of silicates of oxyortha- and diortho-type rare earth elements I A Bodar', L. N Korolevs, N. A. Toropov Rost halst. 6:tll-ll5 '65

Mechanism and kinetics of crystallization of fibrous willentes from mall L. F. Grigor eva. G. A. Roylmova, A. D. Fedoseev Rost krist 6:105-110 '65

Synthesis of fibrous silicates under hydrother mal conditions. A D Fedoseev, T A Makurovu Rost krist 6: 4-17 '66

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A high-strength microsilicate, B.N. Vinogradov, D.D. Drhigirie, E. P. Sidorov Izv AN Turk SSR, Ser. Mr. - tekh, khim, i geol nauk no. 5 117-119 '62.

Increasing the quality of air-carrained sillectes by the vibration of frothed mass. E. P. Sidorov. Lev AN Turk, SSR, Sor., Hz., -tekh., khi.a., I gool, nauk no. 2,94-99 '01.

Interaction of metal cations with allicate lone in water-glycerol solutions. A. A. Zagorovskaia, A. N. Chivikova, Trudy MKHTI no. 41:91-83 163,

Study of the properties of white sludge and ways of utilizing it, B.S. Lystn and others. Dop. AN URSR no. 7:912-914 163

"Tungusite," new mineral from group of hydrous calcium silicates, V. I. Kuhrinshova, Dokt, AN SSSR 171 no. 5-1167-1170 D '06.

SILICIDES

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SILICON-SPECTRA

Studing Stand 5102 charge structure by emission and absorption spectra in region of ultrasoft seladiation. On Fisher A Politickin Fig. 1921 (1) 8 no 7 2137-

SILICON ALLOYS-ELECTRIC PROPERTIES

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SILKWORMS-DISEASES AND PESTS

Silknoi m jaundice and its control. A. E. karpov. Mikiobiol. zhur 28 no 6:79-82 '66

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SILVER CHLORIDE

Måes spectrum and composition of vapors of silver chloride A V. Gusarov, L. N. Gorokhov, Vest, Mosk un, Ser. 2. Khim. 17. no. 5.14-15. S-O. '62.

SIMEON, POLOTSKII, 1629-1680

Simeon Poloiskii's "Verse psalter" and 18th century Russian poetry 1 Z. Serman Trudy ODRI 18 214-

SIMILITUDE, THEORY OF

The forms of seigntific foresight, A.G. Nikitina, Vest, Mosk. un, Set. 8, Filos, 21 no. 5 19-55 S-O 168.

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Characleristics of vegetative reactions in figure skating, A. B. Gandel'sman, V. Starosta, Teor, i prak, fiz, kullt, 29 no. 11:48-48 N *68.

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SKAZKIN, SERGEI DANILOVICH, 1880-

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SKAZKIN, SERGEI DANILOVICH, 1890-BIBLIOGRAPHY see Bibliography-Skurkin, Sergel Danilovich, 1890-

SKIN-CANCER

(see also subdivision under Kazakhslan)

Getteris and and interest 37 no 3:20-23 Mt '63

Pathogenesis and clinical aspects of skin cancer caused by Jupus M. D. Podillehuk. Klin, onk no. 1138-143

Planocellulai cance: of the skin in a lupus crythemiatoris patient I. N. Vinokurov. G. D. Khaimovskii Vest derm. i ven 37 no 3:61-62 Mr 163

Smirnov, V.A. [Skin tumors and their prevention] Opu-kholi kozhi Tikh profilaktika. Alma-Ata, "Kazakhstan, 1966, 37 p. (DNLM)

SKIN—DISEASES

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Biological significance of pantofibenic acid and its role in the pathogenesis of some skin disease, a review of literature. L.D. Tishchenko, Vest, derm., i ven no. no. 12 10-45 462.

Blood proteins and dipoptoleins in patients with chronic deep pyoderma. L.1A. Petrova. Vest. der m. i ven. no. 12:36-48 462.

Changes in the function of the advenal cortex connected with glycocorticoid treatment of eczema and neu-todermatitis, I. IA, Usvaiova, I.IA, Shakhimelster, Trudy 1-go MML 43:171-176 '65.

Dynamics of the sensitivity of staphylococci to antiblo-tics in pyodermitis. S.I. Dovzhanskii, L. V. Mefodieva. Vest, derm. i ven. 'no. 12;33-36 '02.

Effect of glycocorticoids on serotonin metabolism in patients with eczema and neup adormatitie during treat-ment with adrenocol tical preparations, I, IA, Shakh-tmeister and others, 'Tiudy 1-go MMI 43:184-186 '65.

Erythromycin treatment of purulent diseases of the skin and subcutaneous tissue. V, S. Denisenko Vest derm. i ven 37 no 3:26-31 Mr | 63

Morphological changes in the muscles and skin of a replanted extremity depending on ischemia and denerva-tion. M. I. Shashirina, G. S. Lipovetskii. Trudy 1-go MMI 49:227-232 '66.

Primary localized skin amyloidosia. Vest derm I ves 37 no 3:54-60 M. 463.

Results of examination of the skin of workers in a combine tor synthetic fatty acids and higher alight die alco-hols M.D. Bagnova Vest der m. 1 ven. 37. no. 3,51-54 Mi 163

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Use of "Similar" different in the treatment of some of in diseases N.V. Kolokolova, O.N. Prolova, Sox med 29 no 12 (23-125) D (66).

SKIN-INNERVATION

Reciprocal relationship of skin mechanol ecepiol 8.

I M Dmithi va, A I Psakov. Dokl. AN SSSR 1/1
no 2 190-193 N 466.

Skin exteroceptors in man and other mammals (compara-tive, age-related, and experimental morphology) K. K. Surgeov. Vest. derm. i ven. no. 12.6-16 th?

Histochemical deformination of the parmenbility of the akin to nickel sulfate. I' I. Kolpakov. Vent derm, 1 van. no. 12 22-28 (6°).

SKIN-THRERCHLOSIS

Guseinzade Azerb med zhur 10 no 2:44-18 p 4:3

SKIN-THMORS

Dirinatomyomas B. L. Punenkov Vent der m. t ven 37 no 3453-64 Mt ¹63 Increase in the number and dimensions of leiomyoma under the influence of authories K. IA, Zhuravit v Vent der m i ven. 37 no 3464-65 Mt ¹63

SKIN GRAFTING

Effect of regional lymph nodes on the state of a skin homotrousplant - I D. Kirpatovskii, N. A. Bykovs - Trudy 1-go MMI - 19:9-18 - 66

Study of immunodepressive and toxic offect of a series of chemical preparations in experimental skin homografting Report No 1: Study of the duration of taking of akin homotransplants, dynamica of hamoral authorities and reactions of lymphoid tissue M. V. Bilenko and others Trudy 1-go MMI 49,35-40 460.

Study of immunodepressive and toxic effort of a series of chemical preparations in experimental skin homografting Report No 2: Study of hormstological and bio-chemical indices and morphology of internal organs M V. Bilenko and others - Trudy 1-go MMI 40-40-65 4-6

Study of the methods of inhibiting the unsues epibility to hornottensplants in odult indee in strong and week genetypes it differences of the donor and recipient V.I Govallo Trudy 1-go MMI 49:19-26 '68.

SKIS AND SKIING

Agranovskii, M.A. [Skling] Lyzhnyi sport, 2, jrd. ispr. i dop Moskva, Fizkul'tura i sport, 1986, 220 p.

Daylee for immediate information in teaching racing skirts Teor. I prak (12, kult. 29 no. 11;41 N 456,

Experience of many years in skiing exercises with middle-age and older paople. L. F Seroking, A. F. Krasneva, N. N. IASoviev. Tem. i mak. iiz. kutt. 20 no. 11:67-69 N '68.

The marathons of skiets, G.A.Smlinov, Vest,vya. sheety 21 no.12:58-59 D 486.

SKITSKII, BORIS VASIL'EVICH, 1884-1959

B. V. Skitskii. A. K. Dzhanaev. Izv. Sev. - Oset, nauch. -issl. inst. 25:04-91 '66.

SKLIARENKO, SEMEN, 1901-1962

In memory of Somen Skitarenko. Sav Ukr. 12 no. [-19]

SKLIFOSOVSKII, NIKOLAI VASIL'EVICH, 1836-1004

150 years of the Shoremotov Hospital, the present N V. Sklifosovskil Institute, M. M. Tarasov Trudy Inst. im N. V. Sklif. 7, 5-10 '03,

SKRAMTAEV, BORIS GRIGOR'EVICH, 1905-1966 In memory of B.G. Skramtaev. TSement 32 no. 6-21

Compensation method for measuring the pressure of cerebrospinal fluid and injecting gases into the cranial cavity by means of the VAK-16 apparatus. V A Kiseley. Zhur novi 1 paikh 66 no.12:1802-1805 '66,

SKULL-DISEASES

Fibrous dyspinsts of the bones with preferable localization in the skull L. K. Molokova Trudy Novokuz.

GIDUVa 32:111-113 '65.

SKULL-WOUNDS AND INJURIES

Catechol amines in acute closed cranlocerebral trauma in man E. Sh. Matlina. Trudy 1-go MMI 43:72-80 165.

Diagnosis of fatty embolism of cerebral vessels in mul-tiple fractures accompanied by created troums. A. S. Kucherenko. Travmatologiin no. 1:130-132 *65.

Electron microscope study of crystallization of nonferrous metallurgical slags with some additions. N M Pavlushkin, S. V Petrov, M D. Beus Liv AN SSSR Neorg mat 2 no.12 2221-2228 D 166

Improving the quality of slag portland cement, V.I. Funtikov, A.S. Panteles v. V M Kolbasov Trudy MKHTI no 41:113-117 '63

Use of manganese-containing stag in the manufacture of granulated surerphosphate B.S. Kavnatskala, N. M. Sikoffnik, L. M. Gaczdllova, Khim. prem., 42 no 12, 934-935 D 166

SLAG-ANALYSIS

Effect of magnesium oxide on phase constitution and structure of alaminosilicate slags. V S. Mai'tsev, D. N. Abishev, A. K. Mierkhanov Trudy Inst. met. i obog AU Kazarh, SSR 16:152-161 166.

Growth of mellitic crystals in aluminositicate stags. V.S. Mal'tsev and others. Trudy Inst. met. tobog AN Kazakh, SSR 16:162-166 '86.

Solid residue of hydrochemical processing of alumino-silicate alog G S, Mai*isev and others. Trudy Inst. silicate glag G S, Maifisev and others. The met I obog AN Nazakh, SSR 16,167-175 '66

SLAVERY see subdivision under Uzbekistan

From experiences in the typological study of the Slavic vocabulary Part 2 N I, Tolstoi Vop 1az 15 no. 5-16-36 S-O 166

Relation of the vocabulary of the Church Slavic language to the vocabularies of the separate Slavic languages 1. Moszyńskii Vop 142 15 no 5:01-85 S-O 166

SLAVIC LITERATURE-HISTORY AND CRITICISM At the sources of Slavic Hterature. Dorde Radojcie, Vop. ist. slav no. 2 110-113 '66,

SLAVIC STUDIES

SLAVIC STUDIES
(see also subdivision under Ukraine)
The art of Ancier' Russia and the western Slavists,
Zh Blankov. Trudy ODRL 22 11-17 '66.
"Billobglicheside zaplski," a periodical published in
Voronezh and its interpretation of the history of the
Slavs. E.I. Gabelse, G.I. Zasimov. Vop. 1st. slav
no. 2:257-266 '66.

SLAVIC STUDIES-BIBLIOGRAPHY see Bibliography-Slavic studies

Characteristics of drowsy consciousness. A. M. Khalet-skii. Vop. psikhol. 12 no. 6:103-110 N-D '66.

Effect of the cerebral cortex on the restral segment of

Lifect of the General cartee on the rotatia segment of the reticular formation of the brain stem. A. M. Marits Fiziol, zhur. 48 no.10 1146-1153 O '62.

Fedelev, D.D. [Sleep and its disorders] Son i ego rasstrolstva. Moskva, Meditsina, 1006. 54 p (Nauchnopopullarnata meditsinskaja literatura) (DNLM)

Yaradoval sicep and neuropsychic diseases, E.A. Kostandov, B.A. Lebedev, K.K. Monakhov, Zhut, nevt. f.psikh. 67 no.1141-110 187.

Tape winding mechanism for actography. F. F. Ogienko-Sov med. 26 no 3:109-110 Mr ¹⁶³

SLOPES (PHYSICAL GEOGRAPHY) see subdivision under Pyzha Valley, Uymen' Valley

SLOVAKIA-UKRAINIANS

A new yearbook of the history and culture of the Ukrainians in eastern Slovakia, M.N.Kuzimin, 1st SSSR 10 no.6-182 N-D 166.

SMALLPOX

Experimental smallpox infection in white mice T. I. Kaptsova Trudy Mosk mauch -issl inst virus. prep. no 3:82-08 '65

The role of leucocytes in antismatipox immunity. Report No. 1; The role of leucocytes in antismatipox immunity. Experiments in vivo. 1U.N. Mastiukova Vop. virus. 3 no. 4 492-498 JI-Ag *63.

SMALLPOX-MICROBIOLOGY

Development of a method for preparing dry tissue smallpox vaccine Report No 1; Study of optimal conditions for the multiplication of smallpox vaccine virus in tissue

for the multiplication of smallpox vaccine virus in tissue culture. IU. Z. Gendon and others. Trudy Mosk nauchisel that virus prep. no 3:3-14 '65.

Development of a method for preparing dry tissue smallpox vaccine. Roport No. 2: Study of smallpox veccine virus multiplication cycle in cells of tissue culture. IU. Z. Gendon. V. A. Mittaev. Trudy Mosk nauch 'isslinst virus prep. no. 3:15-22 '65.

Development of a method for preparing dry tissue small-pox vaccine Report No 3: Production of dry tissue smallpox vaccine and study of its thermostability IU.Z. Gendon, V. N. Milushin Trudy Mosk nauch dssl inst-virus prep no 3:23-28 '65.

Davelopment of a method for preparing dry tiesue small-pox vaccine. Report No 4: Study of activity, immuno-genicity and vaccination process of smallpox vaccine 10, Z. Gendon and others. Trudy Mosk nauch -tsel inst virus prep no 3:29-38 '65

Effect of interferon on production of hemagglutinins in chick fibroblests infected with smallpox virus IU, V, Chernetsov Vop virus, II no 6:667-671 N-D '66 Effect of some Inhibitors on deproteunization factor formation in nucleocapsid of smallpocyaccine virus V-M Zhdane and others — Doll AN SSSR 1/1 no 2 111-172 N-66

Mechanism of interfer on effect on reproduction of small-O mailodatam Healant entry you O P Peterson Vop

Properties of rabbit smallpor virus isolated from thesus monkey kidney fiesus culture - A.F. Alcheeva, 1 I Akapovi - Voprinus - II no 5 532-539 S-O 466

Study of mechanism of hemagglutination caused by smallpoy vaccine virus F R Pille Trudy Mosk nauch -iest inst virus prop no 3-30-50 455

SMALLPOX-PREVENTION

Comparative evaluation of smallpor vaccines S.S.L and others. Vop. virus. II no 5-319-525. S-O '06

Spatial analysis in hamadiyad baboon young following the simultaneous excision of the visual. offactory, hearing and vestibulary apparatus VI Kerolev Zhur vys-nery defat 13 no 4:652-657 Jl-Ag '6J

SMELTING FURNACES

htensifying heat exchange in gas-fired pig iron smelting furnaces, B. A. Noskov, B. F. Felikh, Gaz, prom. 11 no. 11:36-39 466.

Problems concerning the saving of electric power in electric steel smelting, I.Z. Khmel'nitskii, Prom, energ. 16 no. 1:55-57 Ja '61.

SMELTS see subdivision under Ob' Bay

SMIDOVICH, VIKENTH VIKENT'EVICH, 1867-1945 Scarching for wistful Ideas, A. Klitko, V mure knig 6 no 12 21-22 D 166

SMIRNOV, IVAN PETROVICH, 1906-

Ivan Petrovich Smit nov, on his 60th bittiday Meteor i gide of no 12 60 1) '66

SMOKED FISH see Fish, Smoked

SMOKED MEAT Hee Meat, Smoked

SMOLENSK--CHILDREN-DISEASES

Pathogenic Escherichia coli and their cole in the etiology of intestinal diseases in children in Smolensk V A. Kareva and others Zhur-mila obiot, epud i manuen 33 no 6:73-77 Je '62.

SMORODINTSEV, A.S.

Brief news. Vop. virus. 8 no. Po 5-526 Ji-Ag 163

Common smut on irrigated corn. F. Newlienko, G. Grisenko, Zashch rast II no. 11-24-25 66.

Dwarf bunt of winter wheat I. I. Zakharova, Shortud asp I mel nauch son VIR no 2:298-300 tel Production of some methods of infecting corn with common smut. N M Chekalin Shor trud rap, i mot, nauch soft, VIR no 2:112-117 [6].

SNAKES see subdivision under Barsa-Kellmes Preserve

(see also subdivision under Antarctic regions, Kazakhstan; Mirnyy Station, Antarctica)

Calculation of cloud cover in lower tayer and anowfalls by natural processes and by artificial action. S I Lebedev. Trudy VGl no. 3:78-86 166.

Pallons with buffer strips. N.I. Polimer. Zemiedelie 28 no 10 31-38 O 468

Photoelect is method of observations on appearance of water inside snow and on surface of ground under snow A. I. Danilin Trudy Sied -Az nauch -[sal gidrometeorist. no 27:71-75 66

K Bilialov Trudy Fred -Az. nauch. -isal gidtomateorinst. no 27:113-116 166.

Stubble fields and stubble strips. S. S. Sdobnikov, V. G. Tkachenko. Zemledelle 28 no.10 30-33 O 166

SNOW-CONGRESSES

Interdepartmental coordinating conference on the study and utilization of snow and the snow cover M.P. Kozlov, Probl Arkt no. 7 138 159.

SNOW-TEMPERATURE see subdivision under Tien Shan

SNOW CRYSTALS-GROWTH

Conditions for growth of snow, soft half, and half in clouds N.S. Shishkin. Trudy GGO no 180 (136-144 66

SNOW FENCES

Attachment to the T -40 tractor for setting poles for snow fences IU. Kovalov Avt dor 29 no t2:29-30 D '66

SNOW LINE see subdivision under Tien Shan: Uzbeklatan

SNOW REMOVAL

Road drag. I. Nikiforov. Sel'. stroi, 16 no. 11-18-19 N '61.

SOAKING PITS

Electrothermal modeling of the process of solidification and heating of a limited steel inputs to soaking pits.
V.D. Maton and others. The vys which have schemed in 0 no 12:119-155 (66)

SOAP INDUSTRY-BY-PRODUCTS

Make complete use of carbonic soid, & P. Ostrin, Mast -zhin prom. 78 no 6 38 Ie 162,

SOUKO, VADYM MYKOLAIOVYCH, 1912-

Pate of a generation on the works of Vadym Sobko. Peti Morhaenko Sov Ukr 12 no 1 157-160 Ap 162

SOBOLEV, NIKOLAI DMITRIEVICH, 1904-

Sixtieth burthday of N. D. Sobolev – D. I. Sheher bakov. – Min syrte no 12 130–132 $^{\circ}66$

SOCIII-FRUIT CULTURE

Golden apples. V. Konovalov. V mus knig 6 no. 11; 17-18 N 166

SOCIAL CLASSES see subdivision under Africa

SOCIAL CONFLICT see subdivision under Germany,

SOCIAL GROUP WORK

(see also subdivision under Brest, Kaluga Province; Kirov Province; Kluovograd Province, Kursk Province, Odessa Province, Saratov Province)

Balefnews, Agitator 3; no. 1:61 Ja 167,

Briefnews, Agilator 31 no 33:11 D 466 Brief news. \gitator 31 no. 24.27 D *66.

SOCIAL INSURANCE see Insurance, Social

SOCIAL MOBILITY see subdivision under Melitopol District

SOCIAL PARTICIPATION

Coordination of workers' creative associations, I.A. Batarin, Ivy SO AN SSSR no. 9 Ser obsheheaty nauk Baturin, Izv S no. 3:80-81 166

Creative association of workers and the improvement of labor organization. B L.Kychanov, Iv SO AN SSSR no. 9, 301 obshehesty nauk no 3 48-52 166.

Reward for the worthy ones. III, Leonov. Sots thesp, then 12 $26\cdot 2.7\cdot D^{-1}66$

SOCIAL PROBLEMS

Discussing the book "The building of communism and the development of social relations" E.I Godun-skalu, Vop.filos 20 no 12 131-139 [16].

SOCIAL PSYCHOLOGY

Subject matter of social psychology, M.IA. Kovallyon, D. M. Ugrinovich. Vest. Mosk, un Sec. 8 Pilos. 21 uo. 5,14-23 S-O 466.

SOCIAL SCIENCE RESEARCH

(see also subdivision under Kazakhstan) Conferences dedicated to the glorious anniversary, V. N. Saverov. Vest vys. shkoly 24 no 12,67-66

SOCIAL SCIENCES see subdivision under Chuyashia

SOCIAL SCIENCES-BIBLIOGRAPHY see Bibliography-Social sciences

SOCIAL SCIENCES—STUDY AND TEACHING Combining the "comprehensive" and "leaser" forms of raising the qualification. J. J. L. Langushas. Vest. vys. Shedy 21 no 12:68-61 D '66

Institut marksizma-leninizma, Moscow, [From the history of Markism and the international labor movement; for the 100th analysersary of the founding of the International Iz istor it marksizma i mezhduarodnogo rabochego dvizheniia; k 100-letiiu sa dafa osnovaniia I Internatsionala, Moskva, Politizdat, 1964, 604 p. (CSt-H)

The subject of political economy. G. Anisimov. Kommunist 43 no. 18:90-99 D 466.

SOCIALIST COMPETITION

(see also subdivision under Dzhambal Province; Ossetla, North; Tatar A. S. S. R)

The all-Union socialist competition, V. Mitrokhin. Ekon sel'khoz. 12 no. 11'2-8 N '68.

The challenge has been accepted! Veterinarlia 43 no. 11:8-7 N 186.

Men'shikov, N.I. [School of labor and education] Shkoly truda I vospilantia. Gor'sti, Volgo-Viatekoe knizhnoe izd-vo, 1965. 87 p. (CSt-H)

On anniversary wortch, I.Z. TSybenko, Vetermariia 43 no. 11:4 N *66.

Shering the experience of miners of Achisay Polymetallic Combine with all miners of the country IU T Swornta-kov Gor zhur no 12:30-33 D '66

SOCIALIST COMPETITION (Continued)

Under the hanner of socialist competition. Tekst prom 2n to 12 1-4 D '6h

Welcome the 50th anniversary of Socket fule in a mortaly manner - Vetermarka 13 no 11 1-3 % this

When ploymen, tunners, and conductors are champaens, V. Rudant, day or other and detailed 34 no 155-57 Ja

SOCIALIST PARTIES

Hank rupey of high towing socialists of Opinisov Aginator for 16 14-16. Ag 162
Strength of the labor movement lies in the unity of its

members D Bol'shos Mol lomm to 1 27-14

SOCIALIST PARTY sec subdivision under Austria, France, Gei many, Hungary, Poland

SOCIALIST PROPERTY

(see also subdivision under Kirghizistan)

Papshuov, S. Kh. [Rote of Soviet labor law in the defense of socialist property] Rol' sovetskogo trudovogo prava v okhrane sotsialisticheskol sobstvennosti. Cherkossk, Stavropol'skoe knizhnoc izd-vo, 1965. 79 p. (CSt-H)

SOCIETY, PRIMITIVE see subdivision under Podolia

SOCIETY AND COMMUNISM see Communism and

SOCIOLOGY

(see also subdivision under United States)

[Basic concepts of the study of society, a brief dictionary] Osnovnye poniatiia po obshchestvovedeniiu, kratirii stovari. Moskva, Izd-vo polit. lit-rv, 1966. 492 p. (CaOTU)

Sexual chies in the light of sociology L S Kon Sov pedag, 30 no.1254-77 D 166

Zerkin, D.P. [Sources and moving forces of the develop-ment of socialist society] Istochmiki i dvizhushchie sily razvitila sotsialisticheskogo obshchestva. [Rostov-ma-Donu] Izd-vo Rostovskogo univ , 1966 244 p

SOCIOLOGY-RESEARCH

Let us develop concrete sociological studies. V. P. Roz-hin., Vest, Mosk un. Ser. 8 Filos 21 no. 5 34-44 S-O '66,

Sociology and international relations
Mezhdunar zhuzni 14 no 1 20-27 167 D. Et molenko

SOCIOLOGY, CHRISTIAN

[deology and policy of modern clericalism. I Tchelka Vop nauch sterz no 1 407-412 '66

International collectures on the sociology of religion in Jena, IU A, Levada Vop nauch atriz no 1 400-406

SOCIOLOGY, URBAN see subdivision under Kostroma

SOCKEYE SALMON see subdivision under Kamchatka

SODA INDUSTRY

Use of chemically stable fibers for the filtration of suspensions in soda manufacture. A.1 Postoronko, A Belenko Khim prom Ukr. no 6 57-59 N-D 166

SODA INDUSTRY-CONGRESSES

All-Union Industry-Wide Scientific and Technical Con-ference of Suda Industry Workers \ 1 Postorenko Khim prom Ukr no. 6:63 N-D '66

SODALITE-SPECTRA see subdivision under Kazakhstan

Study of mived sodium and calcium uranates Spitsin, Wang Shih-hua, L.M. Kovba, Vest Mosk un. Ser 2 Khim, 17 no.5:60-62 S-O '62

Titrimetric determination of sodium by means of anion exchangers A.I Riabinin, IU. A Afanas'ev, I A Aksenov. Zhur, anal, khim 21 no.10;1258-1260 '66.

SODIUM ALUMINATES

CONSUM ADMINATES
Constitution of solid phases in the system NapO - AlpO₃
H₂O M V, Zakharova and others. Trudy inst.mef 1
obug, AN Kazakh, SSR 18:192-110 166

Sodium aluminotes, M. V. Zakharova and others. Trudy Inst. met. I obog. AN Kazakh. SSR 16:82-101 166

SODIUM CARBONATES

Description of CO₂ from sodium blearbonate solutions I.S. Kukurechenko, I.N. Shokin Trudy MKHTI no 41 197-201 163

IAnush, A.V. - Preparation of sodium peroxycarbonate, A.V. IAnush, Khim, prom. Ukr. no. 6:11-13 N-D 106

SODIUM FLUORIDE-TOXICOLOGY

Effect of scale poleoning with sodium fluoride on the ac-cumulation of radioactive vitamin B₁ in the body IU, P Nikitin Trudy Novokuz. GIDUVa 32-140-142 ¹65,

SODIUM IODIDE CRYSTALS

Some deep capture levels in NaI(TI) crystals Z B. Baturicheva Ukr, fiz zhur, 11 no 11 1259-1280 N '66,

SODIUM METABOLISM

Changes in the concentration of sodium and potassium in the blood plasma during acute disorders of the cerebral blood our culation. E.M. Burtsey. Zhui nevi 1 psikh 67 no 117-22 167.

Correlation between the content of sodium and protein-pound nor adversaline in the heart of rabbits M.P. Barts, L.P. Vereshchalova, Vop. med kimm 12 no 6: 521-625 N-D 466.

SODIUM PHENYL PHOSPHATES

Effect of pH on the kinetics of sodium phenyl phosphate hadrolysis by all aline phosphatase N I Rahckhina Blokhimia 28 no 2321-325 Mr -Ap '63

SODIUM-POTASSIUM ALLOYS see Potassium-

SODIUM SILICATE CRYSTALS-GROWTH

Hyb othermal synthesis of crystals of sodium alumosili-cates and sinc salicates BN Litvin Rost kilst b

SODIUM SILICATES—PHYSIOLOGICAL EFFECT

Buter webd effects of sodium metastheate, preliming y report F.A. Shakibazian Zhan mikrobiol , epid r immun 33 no 6 119-121 Je '62.

SODIUM SULFITES

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SODIUM TITANATE-WASHING

Washing of sodium itianates. B. E. Medvedkov, L. P. Ni. Ludy Inst. met 1 obog AN Kazakh SSR 16 133-137 166.

SOFT DRINKS

Prospects for the expansion of the distiffing, fiqueurvolks, brewing and soft drinks industries, Pykhov Spirt prom. 28 no.5:1-6 162.

SOIL ACIDITY see subdivision under White Russla

(see also subdivision under Lugansk Province) Vmcctoricum sibir icum as a good sand binding plant V M Ostroumov Irv Alt. old Geog ob ve SSSR no 3 84-85 163

Cellulase activity of soils of some East Siberian landscape, depending on the conditions of the geographical environment. V. P. Kishtsyna. Dokl. Inst. geog. Sib. i Dal' Vost, no. 10:10-41 '65.

SOIL CONDITIONERS

Difect of artificial amelioration of soil structure on the improvement of the water supply of plants and yield increase N.G Gribkow. Shor trud asp I mol nauch soir VIR no 2 315-348 [6].

improvement of the water supply for sitage plants by the use of synthetical soil conditioners. G. N. Llubar-skii. Shot trud asp i mol mauch soit VIR no 2 351skii Sb 363 (61

Use of polymers as a promising trend in the chemicaliza-tion of agricultine G. L. Masienkova, I. B. Revut, I. A., Romanov Agrockhimita no 12,97-104 D 466.

SOIL CONSERVATION

(see also subdivision under Kirghizislan)

Let us conquer erosion. N Baryshnikov. Zemledelic 28 no 10 50 O 66

SOIL FERTILITY

Ways for increasing the fertility of Chernozem soils and the efficient use of fertilizers. C.I.Shkonde. Agrokhi-mita no 12,1-14-118 D 165

SOIL FORMATION see subdivision under Asta, Southeastern , Tien Shan

(see also subdivision under Zhitomir Province) Decomposition of methylcellulose by soil fingl. I. G. Kanevskala Mikrobiologija 35 no 5,868-870 S-O '66. Epidemiological parallels in the distribution of soil

keratophile and some dermatophytes in the U.S.S.R. Z. G. Stepanishcheva Vest. derm. i ven 37 no 3:0-9

SOIL INOCULATION see subdivision under Ukraine

SOIL MECHANICS

Effect of vibration on the coefficient of the thrust of sand B.G. Machtet. Trudy Gidroproetka no 7:147-156 162

Effect of vibration on the stability and creep of clay soils, A.M. Skibitskii Trudy Gidroprockta no 7:157-

Modeling the effect of vibration on soils, G.1. Pokrov-skii, Trudy Gidroprockta no. 7 245-250 '62.

Relation between dislocations and stresses on points of vertical face contact of prism of granular soils. A.K. Bugiov lzv.vys.ucheb.zav, strol.i arknit. 9 no. 0; 35-43 '66.

Similitude of soil stresses and deformations as studied on a model and in nature. A.G. Dovgalenko Trudy SoiuzMorNIProckt no 971-85 '66

Studying the relation between partial lead and soil deformation. M. A. Smirnov. Zap. I SKHI 96:69-71

Pitkh, S.S., and V. I. Puskov. [Seasonal freezing of soils and their interaction with building foundations] Sezonnoe promorzanie gruntov i ikh vzatmodelstvic s fundamentami /danii. [Krasnotae 4k] Krasnolaeskoe knizimos izd-vo, 1965 | 165 p. [MCROFILM]

SOIL MECHANICS RESEARCH

Studying the deformation and resistance of acils to high speed perimeter cutting with a unifer, 1, 2, Bagizov, Stroi, i dor, mash, 18 no. 6, 13-14 Je 36 3

SOIL MICRO-ORGANISMS

(see also subdivision under Bashkh ta, Polesye; Ural Mountain region)

Biocenotic position of the species Actinomyces level in In a carbonate and human rich coll. I, Sabo, M. Marton Mikrobiologia. 31, no 5,891-690, S. O. 503.

Distribution and nitrogen-fixing activity of A. oldbactri in some types of soil. V P Neparatheev I. I., whishey Mikrobiologiia 31 no 2,291-300 Mr - Ap. 452 Effect of moisture degree on quantity of intero-organ-isms developing in not D G Zviagintaev Vest Mosk un.Sci 6 Brol , noch 21 no 1,119-126

J1-Ag '66 Effect of protonged fertill/ation on not not reflere development f' S. Kerpen r Mila objete (Ha. 35 no 5, 818-884 S-O '66.

Duantitative estimation of anner obtaint; ogen-fixing butyric acid bacter in of genus Closts Idium in soil V 1. Emisev Mileobiologii: 11 no 2:208-293 Mr-Ap ba

Survival of the Diplodla fund of corn and the offect of some soil muco-organism on them. F. F. Nemilenko, G.V. Grisenko Mikrobiologita 2 no 5 891-891 S O 462.

Sign to the Academy of the Academy of Sciences of Cochosiovatio. K. A. Kowlov, Lev. All SSR. Ser. biol. no. 3/181-381. My-Jc. 463.

SOIL MOISTURE

(see also subdivision under Central Chernozem Preserve; Zaporozh'ye Province)

Preserve; Zapororrye Province; Lifect of artificial americantion of sail structure on the improvement of the water supply of plants and yield increase N.O. Cribboon. Shore trad aspersand much, soir VIR no. 2,345-348, 461.

Effect of moisture degree on quantity of intere-organ-isms developing in soil D.G. Zvlaghitaev. Vest Mosk in Sci. 6. Blol., pochv. 21 no. 1119-126 JI-Ap. 166

Improvement of the water supply for silage plants by the use of synthetical soil conditioners. G. N. Hub 11-skil. Shot trud asp. I mol nauch soit VIR no 2 351-32 161.

Influence of cock moisture on the speed of brenking during blasting. I S Tweedokklob, V A Shorovarov Gorzhut no 12:37-38 D 366

Minimal moisture capacity. A. A. Rode. Porhyovedenie 10 10 43-53 D 101

Water conditions of reclaimed soils of the Solonetz complex under forest belts. (1, 9, Bazykina, Puchvovedenie na, 1244-76. D. 466.

SOIL MOISTURE -EFFECT ON PLANTS ace Pleats, Effect of soil meisture on

SOIL MOISTURE-MEASUREMENT

Determining soil moisture using an act ouncter. O.A. Berutetskii. Pochy, est, i effek, adab. no. 1,60-62 %). Portable radioactive moisture meter. U.R. Labarikasa, G. I. Danellin Trudy GRUZNIMP SKHA 8 no 2 60-78

SOIL PERCOLATION

Evaluating methods for determining the percolation matrition of ground waters. R.A. Smill nov. Ved. khez. no. 4197-105 '96.

Linear transformation of a percolating flow. C. Khaliullin. PMTF no. 3:102-104 My-Je 162.

Solution of the problem of nercolation under an overfall.

I. I. Lieshko. Dop. AN URSR no. 11,1407-1413 163. Some aspects of the theory of clastic soil percolation, V. M. Shestakov, PMT F no. 3.99-102 My-Je 162

Use of summary representation mothod in solving two dimensional problem of percolation in multilayer medium I, I I dashko, S, M Malluga, Vych, mat. [Kiev] no 2,96-104 *66

SOIL PERCOLATION—BOUNDARY VALUE PROBLEMS Use of summary representation method in solving free groundwater percolation problems. A. A. Glushchenko Vych mat [Riev] no.2424-190 *56.

SOIL PHYSICS

Creep of half-space from two-phone soil due to forces applied normally to boundary. IU. K. Zaretskii. Izv. AN Arm. SSR. Mekh. 19 no. 2:48-99 166.

30IL RESEARCH

Determining the necessary number of repeatedness in experimental sell research. E A. Dmitrley, Vest Mosk, un. Ser. b. Biol., pochy 31 no 4 108-118 JI-Ag 166

Increase the level of theoretical studies. Z A Tylicheva Zemledelle 28 no 10:71 O 166

SOIL SCIENCE

(see also subdivision under Kirghizistin, Poland)

Land improvement on scientific basis N. V. Kachin-Hi. Vest Mosk un sereb. Biol., puchy. 21 no. 4,3-9 J1- \g | 66

SOIL SCIENCE-CONGRESSES

Third congress of soil science delegates, G.S.1 ogodina, S.A Shavalov, Pochvoyedena no, 12 89-101 D Jan

SOIL STABILIZATION

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Lomize and others. Gide strong 33 no 7,9-13, J1, 263

Study of opening process of pnoumatic hand ranner, N. A. Klushin, D. G. Suvorov, P. A. Abraha at ov. 120 275 m heb. 7 a., strol. f. at htt. 9, no. 9, 112-116, 666

Synthesis and analysis of three-dimensional copolymers based on actylic compounds and suitable for soil ration. TS A Goguedze and others. Trudy MKI Trudy MKHII но 12 151-159 163

Use of coment to reinforce roadh d_{2*} , M.5. Karimov, France stroit to no. 12,40-12. D. [6]

SOIL TEMPERATURE

[Handbook on the climate of the U.S.S.R.] Spravochnik po klimatu SSSR. Leningrad, Gldrometeol/dat. No.3. [Karelian A.S.S.R., Leningrad, Novgorod, and Pskov Provinces] Karel'svala ASSR, Leningi adskala Novgor odskala i Pskovskala

Pt, 2. [Atmospheric and soil temperature] Temperatura vozdukha i pochvy, 1965, 342 p.
No. 25. [Khabarovsk Territory and Amur Province]
Khabarovskii kraf i Amurskala oblast'.

Pl. 2. [Atmospheric and soil temperature]
Temperatura vozdukha i pochvy. 1966. 312 p. No. 27. [Kamchatka Province] Kumchatal ala

oblast Pt. 2. [Atmospheric and soil temperature] Temperatura vozdukha i pochvy. 1966. 181 p. No.34. [Sakhalin Province] Sakhalinskala oblasi'. Pt.2. [Atmospheric and soil temperature]

Temperatura vozduklia I pochvy. 1966, 201 p.

SOILS

(see also subdivision under Armenia, Tula Province)

Akademiia nauk SSSR. Institut geografit. [Genesis and geography of soil, on the sixtieth bir inday of Academician Innokentii Petrovich Gerasumov] Genezis i geografita pochv, k shestidesiatiletiin akademika Innokentiin Petrovicha Gerasimova Moskva, Nauka, 1966 206 p.

501LS---AMMONIA CONTENT

Fifeet of potassium on the availability of fixed ammonium to plants. P I. Shilova. Agrokhimita no 12:25-32 D 166

SOILS-ANALYSIS see subdivision under Armenia

SOILS-BIBLIOGRAPHY see Bibliography-Soils

SOILS-CALCIUM CONTENT

Determining the effect of exchangeable calcium on the content of organic matter and total nitrogen in horizons of tase humas. B.D Zaitsev Pochvovodenie no 12 10-12 D 466.

SOIIS-CARBON CONTENT see subdivision under Armenta

SOILS-CLASSIFICATION see subdivision under Culxi; Moi dovia

SOILS-DENSITY

Determining the density of the ground of hydraulic fill structures V. P. Antipkin. Gidt stroi 33 no 7:22-25 J. 163.

Determining the volumetric weight (density) of soil in field conditions by the gamma-spectroscopic method, A. N. Gubarev - Trudy Un, druzh, nar. 14 Sel'khoz nauka no 1.65-73 166,

nauri no reastive.

Betermining the volumetric weight of a soil sample by
the gamme-ray method. I S. Fedorov. O. E. Dobrovinskafa. Trudy Lab. inzh. gidrogoe! VODGEO no. 1 176-187 62

Effect of the size of a cutting ring on the determination of the volumetric weight of soil, O. E. Dobrovinskain, Cricey Lab. 2021, gidrogeol, VODGEO no 4-172-175 '62,

instrument for determining the volumetric weight of soils in wells of prospecting pits, 1.5 Fedorov, Trudy Lab, inch, gldrogeol VODGEO no. 1:167-171 '6?

SOILS-MAPS see subdivision under Armenia; Kinghlzistan

SOILS-MICROBIOLOGY

Methods of determination of the saccharase activity of soils N.V. Peterson, E.V. Astafleva Mikrobiologiia 31 no. 5:918-922 S-O 162.

SOILS-NITROGEN CONTENT

(see also subdivision under Armenia)

Determining the effect of exchangeable calcium on the content of organic matter and total nitrogen in horizons of 12w humus, B.D. Zaltsev. Pochvovedenic no. 12; 40-42 D '66.

Determining total nutrogen and phosphorus in one soil sample. O B Gasparian, O, A Darbinian. Soob Lab agi okhim AN mim SSR no 1997-98 *61

II attor of the numeral forms of nitrogen in the state unwall like to plants. Is I Cherepton Agrokhumita no 12 19-24 D 466

SOILS-OPTICAL PROPERTIES

studying the energy distribution of a light flux reflected by the soil cover—10, \$ Tolchel'nikov. Doi l. Inst. geog. Sib. 1 Dal' Vost. no 10 36-39 '65.

SOILS-PERMEABILITY

Instrument for determining flow velocities and the permeability of the soils forming the bottom of water reservoirs, natural enters, and rivers (filter-inetic) V M. Nasherg, A. I. Kherkherhder, Trudy Lab inch gdroged VODGDOI no 1 12-111 '62.

SOILS-PHOSPHORUS CONTENT

(see also subdivision under Zhilomir Province) Content of actions forms of phosphates in turi-Podzelic solls I V Pereguda Pochvusi teffer.udob no. 1:

Pitteet of method of placement of super phosphate on uptate of P32 by plants. G.B. Babatan. Soob Lab agro-khim AN Arm 5SR no 4:29-31 '61

SOILS-POTASSIUM CONTENT

Effect of potassium on the availability of fived ammonium to plants F. I. Shilova Agrokhimita no. 12 25-32

Methodology for determining evchangeable potassium th numerican Chernozem soils I N Zhukov, L N Mishchonko, L I Kuznetsova, Khim v sell khoz I no 12 59-01 D '66

SOILS—SODIUM CONTENT

Rapid on theil for determining available sodium in carbon-aterrich soils IA F Dubovil and others Izv Kir fil Vscs ob-va pochv no 2:99-100 '63

SOILS-TRACE ELEMENT CONTENT

(see also subdivision under White Russia; Zhitomir Province)

Determining trace element content of soils and plants using amalgam polarography with accumulation 1 V Markova, SI Sudakova Agrokhimila no.12 118-123

Times element content of cultivated turf-Podrolic soils. B. A. Nikitin. Agroktimita no. 12 89-93 D 198.

SOILS, RADIOACTIVE SUBSTANCES IN

(see also subdivision under Sevan Lake region) Methodology for determining total beta-radioactivity of soils V L Ananian Soob Lab agrokhim AN Arm S5R no 1-01-05 '81

SOILS, SALTS IN see subdivision under Kenes-Anarkhay, Naiyn Valley

SOKH VALLEY-ABLATION (A EROTHER MODYNAMICS)

Ablation of tangue of Raygon adekly Glacter A.S.,
Shchethnikov I rudy Sted -Az mauch -test gith omoteor.inst no 27:21-34 '66

SORH VALLEY-GLACIERS

Ablation of tongue of Haygor adskiy Glacier A. S. Shchetinnikov Trudy Sred -Az nauch -issi gidro-meteor inst no 27:21-34 '66

SOKOLOV, DMFTRH SERGE EVICH, 1911-1966 Dmitrii Sergeevich Sokolov; obituary | Izv AN SSSR. Ser geol 31 no 12,131-133 D '66

SOKOLOV, NIKOLAI ALEKSEEVICH, 1884-1961

N. A. Sokolov, oblinary, D. Al'shits, N. Rozov. Trudy ODRL 18:801-602 '62,

BOLANACEAE

Biczhiev, D.D., and others. [Vegetables of the night-shade family; iomato, common eggplant, black night-shade, pepino, husk-tomato, mandrake] Ovoshchnye pasienovyo, tomat, baklazhan, chernyi pasien, dynnaia grusha, perets, fizalis, mandragora, Moskva, Gos. Izd-vo s-kh.ilf-ry, 1958, 531 p. (Kul'turnaia flora SSSR p. 20) SSSR, no. 20)

SOLAR ENERGY

Physical characteristics of the accumulation of solar energy by the crystalline matter of the earth A.N. Dmitviev. Gool i geofiz no 11.95-103 463.

SOLAR FLARES-SPECTRA

Asymmetry and character of motion of emission lines in chi omospherie flares. R. E. Guseinov. Astron. zhur. 43 no. 6 1159-1167 N-D 166

SOLAR RADIATION

(see also subdivision under Arctic Ocean)

Comparison of the radiometric scale of the continental Pleistocene with chronological schemes of deep-water sediments and the curve of solar radioston. V.A. Zubakov. Dokl. AN SSSH 171 no 5-4153-4155 D 466.

Inertia of air temperature of U.S.S.R. in different periods of solar activity, L.G.Bortsova, G.I.Turkenich Trudy 18iP no.154:23-33 *66. Interpretation of fluxes of outgoing radiation. IV. P. Docomin, I. V. Semenova - Trudy AANII 277 5-10 66

Mechanism under lying generation of drifting decineter bursts of solar radio emission V V Zaitacv zbur 13 no 6 ll 18-1158 N-D '66,

Pencination of solar wind into geomagnetic field M.V. Samokhin, Geomag, i aer 6 no 6 983-990 N-D '66

Quasi-spiral character of change in 27-day variation of cosmic rays with solar activity M. V. Alamia, L. I. Dorman, I. Kh. Shatashvill. Geomag. i.e.: 6, no 6 1098-1100 H-D '06

Radio emission and atmospheric structure above apola, M. A. Livshits, V. N. Obridko, S. B. Pikel'ner zhur 43 no 6 1135-1112 N-D 166

Relation of ionization in F2 layer to solor wave radiation according to object various at Yakutak A P Mamurlov Geumug. 1 2e1, 6 no 6 1036-1010 N-D '66,

Rusin, N.P. [The heat balance of our planet] Teplovol balans mashel planety Moskva, Zmanie, 1967-63 p. [Novoe v zhiznt, nauke, tekhnike XIII serila Nauka o Zeinle, no. 13

Stable geomagnetic micropulsations and solar corpuscular streams O V. Bol'shakova Geomag i ser. 6 no 6-1089-1093 N-D *66,

Tushinskii, G.K. [Space and the natural rhythms of the carth] Kosmos i ritmy princity Zemli. Moskva, Prosveshchenic, 1966—118 p. (Novoc v nauke)

SOLAR RADIATION-MAPS see subdivision under Caspian Sea region

SOLAR RADIATION-SPECTRA

Spectral absorption of long-wave radiation in atmosphere A P Illigenson Trudy AANH 277 11-19 166

SOLASODINE

Study of the biosynthesis of solasodine by the method of oxidative degradation. A.R. Guseva, V. P. Pascellitchenko, Biokhimita 27 no. 5;853-858 S-O *62.

SOLENOIDS

Some effects due to the diamagnetism of a superconducting tolehold winding, P. F. Ternovski Dakl, AN SSSR 171 no. 5 1084-1087 D '86.

SOLID SOLUTIONS see Solutions, Solid

SOLIDIFICATION

Contact of ingots with mold walls during continuous casting L. S. Rudoi N. P. Malorov, 1 T. Kushmarev Stat' 26 no 12 1093-1095 D '66

Process of the formation of extra-axial beterogeneity in ingots. A A Zborovskil, C.I. Rabinovich. I.v. vys. ucheb. av. chein, met. 9 no. 12 11-19 166

SOLIDS

Cramir effect⁹ in rubber, minimum and coppler A.A. Durgarlan, A.A. Karagezian, K.O. Movsesian Lev. AN Arm SSR, Fiz. 1 no. 4 264-266 466

Hardness of simple compounds. G.S. Mclinikov, V.V. Tarasov, Trudy MKHTI no 41 5-7 163.

SOLONETZ SOILS see subdivision under Drhanybek region (Kazakhstan); Rostov Province; Tien Shan, Ukraine; Volga Valley

SOLOVETSKIY ISLAND-LIBRARIES, CHURCH

The Solovelskiy Library and its founder Father Superior Dosifei, N.N. Rozov, Trudy ODRL 18:271-301 167

Gas chromatographic method of determining solubility in votatile liquids. G. A. Kurkeht, A. V. logansen. Zhur. IIz. whim. 10 no. 11,2928-2930 N 466.

Solubility of calcium solubilities in alkell and aluminate solutions. 1, P. Ni, 1 G. Romanov, E. F. Ostpova, Trudy Inst, met, 1 obog, AN Kazakh, SSR 16:65-69 '66.

SOLUBLE GLASS

Use of soluble glass as relarder of steel corrosion, A, I, Kinevskil, P, V, Ivanovs Use, khim, zhur, 32 no. 12:1352-1358 '56,

SOLUTION (CHEMISTRY)

Cell for spectrophotometric study of aqueous solutions at temperature up to 200°, G,G Mikhatlov, P,A. Zagorets Trudy MKHTI no. 41°31 '63

SOLUTIONS, SOLID

Aluminate-aluminoferrite clinkers M.M. Nikolaev, IU. M. Butt, V. V. Timashev. Ti dy MKIITI no. 41-138-

Dependence of forbidden band width on composition of solid solution in section 2CdTo - CuloTe, of system Cu - Cd - In - Te V, P. Cherniavs'kyi, N.O. Hortunova, R. IU. Khansenvan ov. Ukr. fiz. 7bur. 11 no. lk:235-i237

Diffusion effects in plastic deformation of frictionsurfaces B I Kostets kyt. I. P Ivzhenko, A S. Bolko Dop AN URSR no il-1416-1417 '66

Emission from a persanaitions on crystate of solid solutions of influm phosphide - gaillum arsenide, N.N Sirota, V.I. Osinskii, Dokl. AN 555R 171 no 2 317-318 N '06

SOLUTIONS, SOLID (Continued)

Preparation and study of sonit physical properties of sold sulutions of HIC - Mot and fac - MoC O I Shullshora, I & Shekarbak IV. No 555R heary mat 2 ro 12 2145 2150 D '66

From stoned and subtions of hisb-In V as polycrys-talline ingota I I Boltanovich I : AV SSR Neorg mot 2 no 11,2030-2081 W 166.

Rate of conjecupitation of cations with sulfides. Report No 2 Formation of solid solutions, V A Rudney, G.I. Malofeeya Zhur anal kham 21 no 10 H61-H64 (6b.

Structural characteristics of solid solutions of chromum distillate with distillations of vanadium at titalium L P Zelmin and others. Potosh mat 6 no 11 66-71 o 466

Studying temperature factor in solid solution crystals in system tolan - mercury tophen-1 V D Samarskara, R M Minsankova, A I Kitelgorodskii Kristallografita II no 6 25-658 N-D 166

SOLUTIONS, SOLID-DIELECTRIC PROPERTIES

Structure and dielectric properties of solid solutions in the system PbLi/3 Nb1/3 Nj3 - 7b2CdWO₀ O B Didbowskaia, V, V Klimov, III N Venovisev IV AN SSR Neorg mat 2 no 11 2010-2014 N '66

SOLUTIONS, SOLID-THERMOELECTRIC PROP-

Mg_Sn C N, Nikitin, V K Zaitsev Iz, AN SSR Noorg mat 2 no 11:1961-1965 N '68

SOLVENTS

Effect of nature of solvent on intrinsic viscosity and size of polychloropiene macromolecules, A. V. Gevorbian, R. V. Bagdasarian, L. G. Melkoman, Izv. AN Arm. 58R Fiz. 1 no. 2-75-80 '66

Temperature dependence of intrinsic viscosity of poly chloroprene in poor and good solvents. A V Gavorkian Lav AN Arm SSR Fiz 1 no 3 195-199 '66

Temperature dependence of size of polychloroprene molecules in solution. A.V. Gevorkian, R.V. Bagdasa-lian, I. G. Melkoman. Izv. VN 31m, SSR, Fiz. 1 no 2011-84 '66.

SOMALIA-TECHNICAL ASSISTANCE, RUSSIAN

Boarding school for the Republic of Somalia. 10, Karel's shtein, K Kapterev Stroi i ukhit Mosk, 12 no 6. 31-33 Je 163

SOMATOTROPIN

Content of grov th hormone in patients with tumors, B, M, Gazetov, M I Bilabolkin Vop. onk, 12 no. 12 30-31 160.

Effect of the somatoti opic hor mone and ACTH on the regenerative process in an experimental wound A. A. Voit levich Biul eksp biol 1 med 55 no 6:92-97 Je

SONAR IN FISHING

Hydroscoustic method of determining fish stock in a sparse school O.N. Kistley, M.D. Truskanov, M.N. Shchothino Trudy PINRO no 13 5-25 '62

Improvement in scouting qualifications of sonar "Delifin a A, G Lapin Ryb khoz, 42 no 11,57 '66

SONGS—HISTORY AND CRITICISM

Vasina-Grossman, V. A. [The romantic song of the 19th century] Romanticheskala pesnia XIX veka. Moskva, Muzyka, 1966, 404 p.

SORBENTS

Adsorptive properties of various sorbents for methylacetylene, V 1. Miakinenkov, N.S. Torochashnikov, N.V. Kelitsev. Trutiv MKHTI no 11 186-190 163.

Effect of sorbent structure on selective character of adsorption of components in benzene-ethyl alcohol binary mixtures V S Komarov- A T, Rozin Dokt AN BSSR 10 no # 688-671 S '86

SORGE, RICHARD, 1895-1944

Legends and real facts about Richard Sorge F Volkov Voen -1st zhur 8 no 12,96-102 D '66

SORGHUM BREEDING see subdivision under Kuban

SORPTION

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Some data on laboratory research on the sorption capacity of loams, M 1, Bedusenko, Vod., kan., gidr, soor no 1 139-146 (66,

SOSNITSA DISTRICT (CHERNIGOV PROVINCE)-HISTORY O, P. Doszhenko and the ostracurricular study of local history. I, Z. Chyshchenko. Ukr, ist, zhur. 10 no. 12-106-108 D 466.

SOUND---APPARATUS

Method for selecting materials for ultrasonic concentra-tors. E. G. Kenovalov, M. D. Tiavlovskii. Dokl. AN BSSR 10 no.12:945-949 D '66.

SOUND-PHYSIOLOGICAL EFFECT

Electrographic manifestation of interant inhibition in the medulla oblongata, mesencenphalon and cerebral cortex of dogs to sound stimuli of various intensities.

T.S. Naumova. Zhur. vys. nerv delat. 12 no. 3 489-499 My-Je 182

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Using the electromagnetic nothed in the excitation of standing bound waves in Bi - V F Gantmakher, V T. Delgorolov Pist vield, Zhuricksper i teoret fl 5 no 1 17-20 Ja - 167

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Four th sound "clocity in He3 --He4 solutions B N. Fael's on and others Zhur cksp (teor fir 51 no 4 1064-1070 O '66

Sound propagation velocity in nonassuciated liquids and ound propagation venderty in nonagaociated righted and its temperature dependence, V M Tutov, M.F Otposhchemikov, Uki fiz, zhur ili no ili 53-1256 N 166,

SOUTH AFRICA, REPUBLIC OF-RACE QUESTION

Suppressors of freedom, V Kashirov, Mol. kotan, no 3:108-111 Mr. 481

SOUTH AMERICA—TRADE UNIONS

[Trade unions of South American countries] Profesolary stran IU2hnoi Ameriki. [Moskva] Profizdat, 1986. 182 p (Profsoiuzy mira)

SOUTH ASIA—EDUCATION

Sedeconomic progress and educational problems in the countries of South Asia (India, Pakistan, Cevion), A. G. Smirnov – Sov pedag – 30 no. 8 122-131 Ag. 466.

SOUTHERN BUG VALLEY-COSSACKS

Now materials on the history of the Bug Valley Coasacka. I. O. Khioni, Uki, ist, zhur, 10 no. 11:123-127 N 166.

SOUTHERN RHODESIA see Rhodesia

SOVETSKOVE DISTRICT (STAVROPOL TERRITORY)-COLLECTIVE FARMS-PENSIONS

Committee reports. A. Evdokimova Sois obesp. il no 12 14-15 D '66

SOVIET CENTRAL ASIA---ARCHITECTURE AND CLIMATE

Orientation of school buildings in Central Asia. S. Sat-kisev, I. Octler, V. Zhelezniakov. Zhil stroi no. 10 19-21 '66

SOVIET CENTRAL ASIA—ATMOSPHERIC TEMPERATURE Temperature gradients of air on glaciers A, 9, Shehetin n(kov Trudy Sred -Az nauch -Issi gldnometeor inst no 27-18-23 '66

SOVIET CENTRAL ASIA-BEETLES, FOSSIL

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SOVIET CENTRAL ASIA-BOW AND ARROW

Sectional bows in ancient Cenir al Asia. B. 1. Litvinskii, Sov. pr/heol. 10 no 4:51-60 '66.

SOVIET CENTRAL ASIA—COMMUNIST YOUTH LEAGUE

Work of the political Sections of machine-tractor Stations with the rural youth of Uzbekistan, 1933-1931 A.N. Nuritov. Nauch trudy lashGU no. 281.97-103 '66.

SOVIET CENTRAL ASIA—COOPERATIVE SOCIETIES Socialist reorganization of small-scale industrial produc-tion in the republics of Contral Asia. G. IUdin. Trudy Ekon, fak Kir, gos. im. no 1466-177 '64.

SOVIET CENTRAL ASIA-CORALS, FOSSIL

Biostratigraphic characteristics of Paleozic Tabulata and Hellolithidae in Central Asia V L. Leleshus Paleont zhur, no 4:31-40 166

SOVIET CENTRAL ASIA—COTTON

Agroclimatic zoning of cotton according to the optimal temperature conditions during the vegetative period in the subtropical belt of the Central Agian republics V F Khanin Shor trud asp. I mol nauch sotr VIR no. 2 361-366 [6].

SOVIET CENTRAL ASIA-CROPS AND CLIMATE

Over Central Asia---Crops and Clemate
Agroclimatic rowing of cetten according to the optimal
temperature conditions during the vegetative period
in the subtropical belt of the Central Asian republics
V F Knamin Sbor, trud asp 1 mol, nauch sotr VIR
no 2 354-356 [6]

SOVIET CENTRAL ASIA—GLACIERS

Temperature gradients of air on glacters. A. S. Shchotin-nikov Trudy Sred -Az nauch -isst. gidt ometeor inst no 27:18-23 '66

SOVIET CENTRAL ASIA-HANDICRAFT

Socialist reorganization of small-scale industrial produc-tion in the republics of Central Asia, G. IUdin, Trudy Ekon, fak, Kir, gos, un. no.1:166-177 '64,

SOVIET CENTRAL ASIA—HEALTH RESORTS, WATERING PLACES, ETC.—DESIGN AND CONSTRUCTION

Planning and construction of health resorts in the republics of Central Asia. I. Iurov. Arkhit. SSSR no. 6:15-31 166.

SOVIET CENTRAL ASIA—HISTORIOGRAPHY

Projevolutionally studies devoted to the ancient history of Central Asia R M Rakhmanova Nauch, friely InshGU no 281-5-10 [66].

SOVIET CENTRAL ASIA--- HYMENOPTERA, FOSSIL

New Xyelidae (Hymenoptera) from Mesozoic of Aufr A P Ra intsyn Pilcont zhui no 1 69 av 466

SOVIET CENTRAL ASIA-INDUSTRIAL PROCUREMENT Some problems in supplying materials and equipment to the industry of Central Vian Republics, O. Francy, Trudy Pkon fak Ku., gob, un. no. 189-91-96.

SOVIET CENTRAL ASIA-LEPROSY-CONGRESSES Briefnews Vest derm iven 37 no 3,84-91 Mr 401

SOVIET CENTRAL ASIA --- MI'ADOW GRASS

Dormant period of the bulbus of Pos bulbosa var. clvipara Koeler M. Kh. Khaitios Bud Gras bot, anda no 63 79-81 466,

SOVIET CENTRAL ASIA—MELONS—WATER RE-QUINCMENTS

Characteristics of the Central Asian types of melons according to physiological characters N. G. Gordes, Shor, trial asp, t mol, much soft VIR no. 2 182-189

SOVIET CENTRAL ASIA--NATIONALITIES

The Russian working class and the development of the national republics of Central Asia and Kazaklistan A Bagatidnov, A Vishnevskii, Kanimunist 11 no 2 11-25 i '61,

SOVIET CENTRAL ASIA-NEWSPAPERS

How the hourgeois press covered social and political events in Turkestan in 1917 Kh. A. Erzin. Nauch. trudy TashGU no '81:65-71 '66

SOVIET CENTRAL ASIA-ORIBATIDAE

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SOVIET CENTRAL ASIA--PETROLOGY--CONGRESSES

First Central Asian Petrographic Conference 1. N Gortt Skala, V. N. Moskaleva Sov geol, 9 no 11112-114 N. 466

SOVIET CENTRAL ASIA-REVOLUTION, 1017-1921

Soviet historiography of the October Revolution in Central Asia Kh. Sh Inolatov, L. M. I anda, Int. SSSR 10 no. 6 3-25 N-D 466

SOVIET CENTRAL ASIA—SCHOOLHOUSES—DESIGN AND CONSTRUCTION

Orientation of school buildings in Central Asia, S.Sat-kisov, i Gether, V Zhelezniakov, Zhil, stroi, no. 10 19-21 '6C.

SOVIET CENTRAL ASIA-SULFUR MINES AND MINING Blasting operations in underground usining of sulfor de-posits of Central Asia A. V. Khomenko, P. A. Rastor-guev Gorzhur no 12,62 D '66

SOVIET CENTRAL ASIA-TREE PLANTING

Planting on unit rigated lands, V. V. Panestin, Put! 1 pit, khoz. 10 no. 12,38-39 '66,

SOVIET CENTRAL ASIA--WEED CONTROL

Gershin, M.S., and T.N. Guzeeva. | Chemical method for weed control in forest nurseries and plantations in Central Asia) Khimicheskii metod hor by a sorniakami v lesnykh pitomulkakh i kul'turakh, v uslovilakh Srednel Azii, Moskva, Lesnala promyshi,, 1906, 50 p.

SOVIET FAR EAST-ANGULICA

Chemical systematic studies of the Far Fastern species of Angelies I. G. K. Nikonov, M. G. Pimenov, F. B. Zorla Rastics 2 no 4505-513 466.

SOVIET FAR EAST-BIOCHEMISTRY-CONGRESSES SOVIET FAR EAST—BIOCHEMISTRY—CONGRESSES Akademia nauk SSSR. Dal'novostochnyl ilital, [Chemical studies of natural resources of the Far East, Abstracts of reports of the Council of the Far Eastern Branch of the Siber ian Department of the Academy of Sciences of the U.S.S.R. on research results for 1964; section on chemical sciences [Khimicheskie Issaedovanila prirodnykh resursov Dal'nego Vostoka, Tezisy dokladov i soobsichenii na sessii Soveta DV filiala SO AN SSSR

po itogam nauchnykh issiedovanii 1994 goda; sektsila khimicheskikh nauk. Vladivostok, 1965, 34 p. [MICROFTLM]

SOVIET FAR EAST—PIOLOGICAL RESEARCH

Akademiia nauk SSSR, Dal'nevostochnyl filial, [Austracis of reports from the session of the Council of the Far of reports from the session of the Council of the Far Eastern Branch of the Siberian Department of the Acad-emy of Sciences of the U.S.S. R. on the results of re-search in 1964. Section of the Biological and Geographi-cal Sciences] Tezisy dokladov iz sessii Soveta Dal'-nevostochnogo filiala Sibirskogo oldeleniia Akademii nauk SSSR po itogam nauchnykh issledovanti 1904 goda. Sektsiia biologicheskikh i geograficheskikh muk. Vla-divastok. 1965. 25 n. divostok, 1965. 25 p.

[MICROFILM]

SOVIET FAR EAST-COMMUNISM

[History of the struggle for the Soviet regime and the building of socialism in the Far East] Iz istoril bor by za Soretskuju vlast' i sotsialisticheskoe stroitel stro na Dal'nem Vostoke. Khabarovsk, Gosudarstvennyi pedago-gleheskli institut 1965 164 p.

SOVIET FAR EAST-CONSTRUCTION INDUSTRY

Encounters with readers in the Par Last. Na. Stroi. Ros. 7 no. 11:25 N '66.

For quick solution of problems of Far Past builders, E. Sidorenko, Na. Stroi. Ros. 7 no li-1-2 N In planning take into account local conditions. G. Kotenko, Na. Strof. Ros. 7 no. 11:5-6 N '66.

Work of Orgickhetrol in building up of Far Fast. V. Serov. Na. Strol. Ros. 7 no. 11 5-6 N 566.

SOVIET FAR EAST-CONSTRUCTION INDUSTRY-MANAGEMENT

Experience in setting up trusts for building mechaniza-tion, D. Negoda, Na. Stroi. Ros. 7 no. 117-8 N. 166.

SOVIET FAR EAST-FOREST INSECTS

Akademija nauk SSSR. Dal'nevostochnyi fillal Biologo-pochvennyi institut [Hai mful foi est insects in the Soviet Far East] Vrednye nasekomye iosov sovetekogo Dal'ne-go Vostoka Vladivostok, Akad, nauk SSSR, 1966, 184 p. (DNAL)

SOVIET FAR EAST-GEOGRAPHICAL RESEARCH

In the Institute of Geography of Siberia and the I ar East (April 1963-March 1963). R. P. Polevol, Dobl. Inst. geog. Sib. i Dal', Vost no. 10:71-79 '65.

Many-sided geographical problems of the lar East, F.I. Ignative and others. Doki. Inst geog 5th. i Dal', Vost no. 10,3-8 '66,

SOVIET FAR CAST-GOLD ORES

Studying characteristics of localization of gold deposits using electronic digital computers 1, P Kuklin Dokl, AN SSSR 171 no. 2 129-130 N 466

SOVIET FAR EAST-HARDWOODS

Rhythm of the seasonal development of generative shoots in hardwood trees in the Pai East G P. Belo-stokey Blul, Glav bot sada no 63 73-77 166

SOVIET FAR EAST-LABOR AND LABORING CLASSES-STATISTICS

Changes in the size of the working class of Siberia and the Far East in the years of the Great Patriotic War, 1941-1945. G A Dokuchaev Ley SO AN SSSR no 9, Ser, obshchesty, nauk no 3 100-105 166

SOVIET FAR EAST-MEDICAL GEOGRAPHY-RESEARCH

Medical geography and reclamation of new areas in Siberia and the Far East E. I Ignatiev. Dokt Inst geog. Sib 1 Dal' Vost no. 9,26-31 '65,

SOVIET FAR EAST-MICROBIOLOGICAL RESEARCH

Development of microbiology in Siberia and the Far East V. I. Poitev Mikrobiologiia 31 no 2:310-380 Mr -Ap '62.

SOVIET FAR EAST-ORE DRESSING PLANTS-DESIGN AND CONSTRUCTION

Second section of "Soinechnyi" ore-dressing combine. S. Struchkov, Na. Stroi. Ros. 7 no. 11:4-5 N 166.

SOVIET FAR EAST-PLACER DEPOSITS

Vanadium titanomagnetito coastal placets in Fat Dast, N.V.Vasil'chikov, IU.A.Pavlidis, N.P.Slovinski-Stick, Okeanologita 6 no.5:823-829 '66.

SOVIET FAR EAST-RESEARCH

Development of science in Siberia and the Lar East on the eye of the war F A. Lukinskit Iv., SO AN SSSR no. 9, Ser. obshchestv nauk no. 3:92-99 '66,

SOVIET PAR EAST-SEISMOLOGY

Sciamicity of the Far East for 1961. L. N. Poplavskala. L. F. Volkova, F. D Zhuk Geol i geofiz. no 11:106-113

SOVIET FAR CAST-TITANOMAGNETITE

Vanadium titanomagaetite coastal placers in Far East. N.V.Vastilchikov, IU.A.Pavlidis, N.P.Slovinski-Sidak. Okeanologita 6 no 5:023-829 '66.

SOVIET FAR EAST-VOLCANOES

Concerning E. K. Ustlev's book "Anyuy Volcano and the Quaternary volcanism in the not theastern U. S. S. R." G. M. Zaridze. Izv. vys ucheb zav. .geol. i ra.v. 0 no. 1:127-129 Ja '63.

SOVIETS

(see also subdivision under Leningrad; Pollava Province; Ukraine)

Bannykh, M. P. [Soviets of workers' deputies as organs of people's power] Sovety deputatov trudiashchikhsia -organy narodnol vlasti. Moskva, Znanie, 1965. 40 p. (V pomoshch' lektoru) (Cst-H)

The governmental organs of a true democracy. V. Va-silley. Agitator no. 2:18-20 Ja 162. Vasanin, V.K. [Deputies of local Soviets] Deputat mest-nogo Soveta. Moskva, Hirid.lit-ry, 1967. 77 p

SOWING

Soving row crop seeds by single-seed planting apparatus, F.G. Gusintsev, A.F. Koshurnikov, Zap. 1.5KHI 96: 210-216 165.

SOYBRAN see subdivision under Amur Province

SPACE AND TIME

Space-time dish ibution of geomognetic per turbation V. M Mishin. Shor at HI razd prog MGG no 8 102-104 466

SPACE ARRANGEMENTS OF PLANTS see Plants, Space ai rangements of

SPACE FLIGHT-PSYCHOLOGICAL ASPECTS Space psychology, V. V. Parin, F. D. Gothov, F. P. Kosmolinstii. Priroda 55 no 12:3-12 66.

Medicobiological studies of factors in space flight. 10 M Volyakin, P.P.Satsonov, Izv. AN SSSR Ser. biol, no 3 405-418 My-Je '63

SPACE PERCEPTION

Spatial and color visual effects during the observation of a rotating image L N Mogilev | Izv Vost -Sib old Geog ob-va SSSR | 60 131-137 | 62

SPACE VEHICLES—PROPULSION SYSTEMS

Grodzovskii, G.I., IU.N.Ivanov, and V.V.Tokarev, [Mechanics of a low thrust space flight] Mekhanika kosmicheskogo poleta s malot tiagol, Moskva, Nauka, 1966, 679 p.

SPACES, GENERALIZED

Green's function of elliptically branched Riemann space M.D Martynenko Dop AN URSR no U:1386-1390 '66

Surfaces in E space producing evolute sequences of surfaces L. N Krivonosov Izv. vys. ucheb zav. mat no. 6.71-84 466

SPAIN-CIVIL WAR, 1936-1939

Memoirs of a diplomat. K, Maldanik. Nov. mir 39 no. 3 273-276 Mir '63.

SPAIN-CIVIL WAR 1936-1939-LATVIAN PARTICIPA-

Latvijas Komunistiska partija. Centrala Komiteja. Parti-jas vesturos instituts — [Latvian combatants in Spain, 1936-1939, memories and documents] Latvijas cinitaji Spanija 1936-1939; atminas un dokumenti. Riga, Liesma, 1936. 595 p — [In Latvian]

SPAIN-CIVIL WAR, 1939-1939-RUSSIAN PARTICIPA-

Battles for Teruel IA, Tonkonogov Voen -ist "hur 0 no 12:62-66 D '66.

SPAIN-COMMUNIST PARTY

Pozharskala S.P. [Socialist Labor Party of Spain, 1931-1939] Sotsialisticheskala rubochala partita Ispanii 1931-1930. Moskva, Nauka, 1966. 224 p.

SPAIN-DESCRIPTION AND TRAVEL

From Cordoba to Seville, G. Boladzhiev, V. Komissar-zhevskii, Nov. viem. 25 no 1:24-26 Jn 167.

SPAIN-HISTORY

A panorama of Spanish Fighters, A. Starostin, V mire knig 6 no. 11:38 N '66.

SPAIN-POLITICS AND GOVERNMENT

Against the regime of terrorism and violence. E. Kozulina, Mol. komm. no 4:86-100 Ap *61.

Finnedism attacked by the working class. Inachio Cimorra, Nov viem. 25 no. 8 14-15 F '67.

SPANISH LITERATURE—HISTORY AND CRITICISM A panorama of Spanish Fighters. A. Starostin. V mire knig 6 no. 11:39 N '86.

SPASMS

Experimental vascular spasm in hind limbs caused by a chronic irritation of the lumber sympathetic ganglia. M. P. Villanskii, W. M. Gal'perin. Eksper khir i anest. 8 no.6:55-56 N-D '63

Mechanism of spastic predisposition. V. N. Sinitskii, Zhur, nevr, i psikh 66 no. 12 1823-1828 166

SPASTIC PARALYSIS see Paralysis, Spastic

SPECIAL LIBRARIES see Libraries, Special

SPECTROPHOTOMETER

Spectral analysis of solutions by means of the ST-1 spectrophotometer, V. F. Marchonkov. Trudy MKHTI no. 41:32-33 '63,

SPECTROPHOTOMETRY

Cell for spectrophotometric study of aqueous solutions at temperature up to 200°, G. G. Mikhailov, P.A. Zagorets, Trudy MKIITI no. 41; 31 '63

Chlorophosphonazo III as reagent for spectrophotometric determination of bariam. A. M. Lukin, K. A. Smirnova, T. V. Chernysheva, Zhur, anal, khim. 21 no, 11:1300-1302 166.

Modification of the SF-10 spectrophotometer for the purpose of measuring optical density in definite wavelength.

E.Krupa and others Vop med.khim 12 no 6;634-E. Krupa and others 641 N-D 66.

Pyridyl azo compounds as reagents for indiam. Report No 3 Complexenietric and spectrophotometric determination of indium with brome derivatives of pyridyl-azoaminocresol, S. I Gusev, E. M. Nikolaeva, Zhui anal Phim 21 no 10 1183-1190 106

Recording by means of radiometric instruments of luminous flux in a spectrophotometer within a wide range of optical densities G.G Mikhailov, P.A. Zagorets Trudy M&HTI no 11 29-30 163

Spectral reflecting capacity of soils and farmlands in the nrid steppe zone V G Poliskov, N A, Raspolorhenskii Vest Mosk im Ser 5 Geog 21 no 6.65-87 N-D '66.

Spectrophotometric analysis of products of liquid-phase

Spectrophotoment to analysis of products of inquis-phase p-evenice oxidation by oxygen using mathematical treatment of spectra V S Gernev, G M Panchenkov Zhur, anal khim. 21 no 10 1271-1276 '66. Spectrophotometric deteriolnation of nicled, cobalt, and chromoun in steels, Report No. P. Estimation of systematic circus arising at the expense of undetermined components. N P Komati, L.S. Palagina Zhur anal, khim. 21 no.11.1321-1332 '66

Spectrophotometric study of complex formation of iron (III), neodymino (III), and indium (III) with 2, 21-diaminodicthyl salide of N, N, N, N-tena wette acta. N. M. Zhinnova N. V, Astakhov, S. A. Harkov. Zhun neorg khim. Il no, Il 2638-2842. N. 156

Spectrophotometric study of completes of some elements with methylthymol blue V N Tikhonov Zimr anal, khim. 21 no 10 1172-11/8 486.

Spectrophotometric study of some oxyazo compounds as reagents for scandium. A. I. Rusev, G. E. Lumina, N.N. Basargin, Zhun, anal, khim. 21 no 12 1411-1410 166.

Spectrophotometry of radio source CTA-102 V. I. Pronik. Astron. zhm. 43 no. 6 1207-1210 N-D 466,

SPECTROPHOTOMETRY—CONGRESSES

Soveshchanie po problemam upravilaemogo blosinteza i biofiziki populatati, 1965. [Biomergelika and biologi-cal spectrophotometry, reports] Bioenergetika i biologi-cheskata spektrottometrila; [dakhady]. Moskva, Nauka, 1967, 313 n.

SPECTRUM, INFRARED

Chemisorption and reactivity of accione mixtures with cut bon monoxide and nickelous cylide as studied by means of infrared spectroscopy. A A Kadushin, 10 N Rufov, S. Z. Roginskii. Dokl, AN SSSR 171 no. 5;1130-1133 D '66.

Infrared specia of hardening of cement clinker minerals mixed with potash solutions G, N, Kuznetsova and others. 12v AN SSSR Neorp, mat 2 no 12 2220-2233

Infrared spectroscope study of the structure of some stable cellulose vanithate derivatives R G Zibbankov and others Vysokom soed, 4 no.11:1606-1702 N 162.

Qualitative determination of chemical stability of hydrospectroscopy O O Pashchenko, K. K. Karybsiev, S. I.
Bue Dop AN URSR no 11:14 61-1463 '66

Structure of adhesive active surface layer of exidized polyethylene studies by means of infrared spectroscopy F. K. Horisov and others Koll thur 28 no. 6-792-796

Study of crystallization process of lead silicate glass 2FbO.SiO₂ by means of infrared spectroscopy 12, V Smit nova. Izv. AN SSSR, Neorg mat 2 no. 11;2015 Smirnova. I 2049 N '66

Study of the reaction of aldebydes in carbon tetrachloride solution based on their infrared spectra. V. N. Uslickalova, V. D. Gollicev, B. V. Tranov Zhur, Sir, Phim. 40 no. 11:2865-2807 N 169.

Study of woodpulp structure by infrared spectroscopy.

M. D. Inshakov and others. Trudy VNIIB no. 51:98-104 165.

SPECTRUM, ULTRAVIOLET

Absorption of ultraviolet rays by sulfite waste liquor, V. P. Kovalev, Shor, trud, Uki NilB no. 7:93-101 466,

Spectral characteristics and reactivity in radical polymerization of some vinyl aromatic monomers. A. Chernobai, Zh.S. Tirak'iants, R. IA. Deliatiskaia. Vysokom seed. 8 no 10:1804-1809 O '66.

Spectrographic study of products of polycondensation of dicthyloi terephthalate with various components P M. Bugai, V. N. Konel'skoia, N. M. Timoshevskaia, Vysokom soed. 8 no 10;1677-1680 O 466.

SPECTRUM ANALYSIS

Chemical-spectral method of detormining metal impurities in pure chromium. P. V. Marchenko, I., N. Lugha, Ukr. khim. zhur. 32 no. 12:1343-1345 *66.

Chemical-spectral methods of analysis of high purity metals and semiconductor materials with the extraction of base component by β,β' -dichlaredictiyl ether. Report No. 1: Analysis of high purity antimony. I. G. IUdelevich and others. Zhur, anal, khim. 21 no.12:1457-1461 '06.

SPECIROM ANALYSIS (Continued)

Determination of manneties in high-parity ruledgem and Commercial a magnetics in high-pair/labsidism in Commercial A P Federahma, I G Rudele to b T G Strolling, Zhur anal kum 21 no 10 (232-1235)

Effect of the composition of samples on industry of lines of modyl bound, tungated, and the dispectial determination of rock- aid tulneral (G.F.F. buoya - Zhar aid tulneral) and 11 Jun - 21 no 11 Jun - 21 Jun -

Quantum of somption in degenerated semiconductors and netals at direct transitions. V. K. "Illosin akil. Fiz ter tela a no 7 2014-2061. Il. 166

Sportnercopic studies of glow discharge through ship Mod Inggar berd F M Etenan Plan he Phin and no 11 1771-2773 Nob

fructure of products or polyner analog transfer nations of polyner locations at polyner locations at the first or state of the first or the first or

Study of components from salt following tines in alternating current are by means of radioactive isotopes. B. O. Pilonov, M. M. Pavinchenko. Dold AN BSR 10, no 12 957-960, D. 56

Use of structual lines in determining radiation energy of spectral lines. Sh. Bakhto arsheev, G.V. Ovechku, L. E. Sandriganto. Dold. W. Tadzh SSR. 9 no. 12 15-19 166.

SPECTRUM ANALYSIS-CONGRESSES

Discussion of problems in optics and spectroscopy, allough symposium to Navosibirst SSB its mor Union symposium in Mayosibirsk SS Vest A'. SSSR 36 no 12,85-86 D 106

SPECTRUM ANALYSIS-INDUSTRIAL APPLICATIONS

hturegian, S.K. [Using the method of spectrum analysis. In evaluating the wear of internal compustion engines.] Otsenka Linesa dvigatelet vnutrennego sgoranda moto-dom spektral'nogo analiza. Moskva, Mashinostroenie, 1966. 151 p.

SPECTRUM ANALYSIS-TABLES, ETC.

Stiganov, A.R., and N.S. Sventitskii. [Tables of the spectral lines of neutral and ionized atoms. H. He, Li, C, N, O, F, Ne, Na, Mg, Al, Sl, Cl, At, K, Ca, Ti, Fe, Cu, Kr, Xe, Cs] Tablitsv spektral nykli thii nettral nykli tonizovannykh atomov. H. He, Li, C, N, O, F, Ne, Na, Mg, Al, Si, Cl, Ai, K, Ca, Ti, Fe, Cu, Ki, Xe, Cs. Moskva, Atomizdat, 1966.

SPEECH CLINICS see subdivision under Kirov Province

SPERMATOG ENESIS

Specificity of the effect of lead on spermatogenesis
G M Egoruva, N G. Ivanov I V Sanatskii Toks, nov prom khim veshch no 8 33-11 166

Speech hearing and the determination of the degree of its development S Ivanova, Doshk vosp 39 no.12 62-65

SPEECH, DISORDERS OF-DIAGNOSIS

Differential diagnosis of some forms of retaided speech.
G V Matateyskaia Uch zap, MGPI no. 219:33-48 '61.

SPEECH THERAPY

Comparative analysis of logopedic work on various forms of dyelalia L.V. Melekhova, Uch zap. MGPI no. 219, 59-72 '64.

Developing the grammatical structure of speech in children suffering from motor alalia S.N.Shakhovsk-ara Uch.zap. MGPI no.219-49-58 '61

Logopedic voik and its signuicance for the method of comprehensive therapy of voice disorders due to organic discases of the larynx. E S Almazova Uch, zap. MGPI no 219 77-89 '61.

Logopedic work in cases of open thinolalia after urano-plasty. T.N.Vorontsowa, Uch zap, MGPI no. 219:90-100 '64,

SPERMATOGENESIS IN ANIMALS

Relationship between spermatogenesis and growth rate in fishes, A M Zelenin, I.F Kubrak, Biol ies. vod. Mold no 4 75-81 166

SPHERICAL AND PRACTICAL ASTRONOMY See Astronomy, Spherical and practical

Formation of nuclei of graphite spherulites. 1. B. Bolotov, Rost krist, 5,190-196 (65,

SPHYGMOMETRY

Method of simultaneous recording of pulse, frequency, and relative depth of respiration in small animals O. A Monastyskii. A. V. IAkimenko. V. N. Burmakin. Zool zlur. 45 no li:1742-1743 '66

SPILITES

Some problems of genesis of spilites V.V. Richov. Bird MOIP, Cid. geol 41 no 1:153 Jl-Ag '66.

Calculating and investigating the flow-thi ough capacity of pressure spillways and ejection in combined hydroelectric power stations. S. M. Slisskii Gidr stroi 33 no 7:26-30 Ji '63.

Discharge capacity of low spillways of trapezoid profile, A.D. Petrash Vod. khoz. no. 1130-125 '66.

Estimating the voil of spillways from flexible irrigation pipelines. AJ. Petrukhno, Vod, khoz, no. 1:139-147

SPILLWAYS-VIBRATION

Pulsation of pressure pulsations in apron slabs and the vibration of spill ay dams 1. S. Maksimov – Frudy Gidioprockta, no. 7-64-98-62

SPINAL CORD

I lectrophystological data concerning the connections of the pallidam with other sections of the central nervous system in man. Report No. 2. Connections of the pallidam outh the spinal conditionters and autonomic trunk for mations I M Gillman and others Bull elsp biol i ned 35 no 5 9-13 My '63

SPINAL CORD-DISEASES

Myeloradiometry in diseases of the spinel cord, V.Rh., Frenkel! Med rad 7 no. 8 11-16 Ag 62

SPINAL CORD—INNERVATION

Changes in SH group and RNA content in motonemons of spinal cord of cat following stimulation of posterior routet by electric current palse of different frequency 4 Didenyo, O. S Merkulova Hold AN SSR 171 no 2 487-189 N 466

SPINAL CORD-SURGERY

Postitianic intensification of the spinal reflexes following deafterentation: N V Veber - Fixed zhur - 48 no 10: 1187-1191 O *62

SPINAL CORD-WOUNDS AND INJURIES

"Changes in the brain and spinal cord in a closed trauma of the crankum" by B 1.Sharapov Zhur.nevr i psikh. 63 no.1:156-157 '63

Disorders and recovery of motor functions in ducks follow ing later al hemisection of the apinal cord 5, N, Ivanova Biul.eksp biol.i med. 55 no.5;29-32 My '63

SPINAL NERVES see Nerves, Spinal

SPINDLE TREE
Kaempher ol-3. 7-dirhamnoside from the leaves of westyback spindle tree N. V Sergeova Rast res 2 no 4 516-539 G6

SPINE-ABSCESS

Late results of the treatment of tuberculous spondylites complicated by infiltrative abscesses BP Kirillov, A.T Izvekov. Khiringila 42 no.11 100-103 N 166

SPINE-BLOOD SUPPLY

Acute disorders of spinal blood citetiation, D. A. Markov, L. S. Gitkina. Zhur, nevr. 1 psikh, 67 no. 1 18-42 167,

Insufficiency of spinal blood circulation. E.1, Shakhnovek-aia, R.A. Polozova. Zhur, nevr. 1 psikh, 67 no. 1:15-50 167.

Ischemic mytlomalacia, I. P. Sokolov, Zhur, nevr. i psikh 67 no. 1 42-45 '67.

The pustations and arthropathic form of psoriasis. V.P. Lysov, V V.Orzhashkovskii Vest, derm, i ven, no, 12:60-61 '62.

SPINE—FRACTURE

Controversial problems in the treatment of spinal fractures F.R. Bogdanov, Travmatologiia no. l 100-109 'b5.

Invalidity following complessive fractures of the spine. V L Zotikova Travmatologila no. 1,75-80 186.

SPINE—HYDATIDS

Spinal echinecoccosts N. V Sakhorina Trudy Novokuz GIDUVa 32:117-120 '65

SPINE-SURGERY

Late results of the treatment of tuberculous spondylites complicated by infiltrative abscesses. B P Kirillov, complicated by infiltrative abscesses. B P Kirillov, A.T Izvekov. Khirurgita 42 no.11 100-103 N '66

SPINE--TUDERCULOSIS

Late results of the treatment of tuberculous spondylites complicated by infilh alive abscesses. B P. Kirillov, A. T. Izvekov Khiturgiia 42 no 11 100-103 N 166,

SPINNING

Adopting a plan for scientifically based work organization in the drawing department S. T. Klibanov prom. 26 no. 12:10-13 D *66.

Method of the determination of fiber direction in semifinished products, P.I Aristov. Izv. vys. ucheh, zav., tokh, tekst. prona. no. 5;24-28 '86.

Responses to A. V. Toroptsev's and G. M. Efros' articles "Ways of improving the quality of yarn." I. P. Volkov, E. M. Ukrainskii. Tekst. prom. 26 no. 12 58-60 D '66.

SPINNING-QUALITY CONTROL

Using the unevenness index in determining the perfection degree of the technological process of spinning V E Fedorova, L. M. Butuzova, K. A. Plekhanova. Tekst prom. 20 no.1217-20 D '66.

SPINNING MACHINERY

Analysis of the movement of thers in the drawing unit during single-process production of yiri. B 5. Mikh q lov - Ivv vy , ucheb , av , tekh tekst prom - no 5.54-

Determining the speed of spindles by calculation, S.S. Kochetkov Tekst prom 26 no. 12 91-26 D 466.

Individual element of the theory of the smooth flattening rolls. A M Ipstov – Izv. vys ucheb zav "tekh teket prom. no 5 16-10 – 66

Study of the tension and friction of high-bulk yarn on a thay of the tension and received of high-sails yard on single-process machine of the frictional type. V. A. Hschko, U. V. Dodonkin, V. A. Rodionov. 128 334 actub, 219 (tekh tekst prom. no 5:60-64 468

SPINNING MACHINERY-PARTS

Polymer malerials in spinning elements. N.M. Kil-mishesich, S.V. Nikobes, I. J. Delgikh - Prom Bel - 0, no 12 14 D - 66

SPIRODECENE

Autoxidation of spirot i, Spice-5-cae and 5-methyl-spirot i, Spice-5-cae. A. I. Chirko, V. S. Perzenkkenich. Zhurong khim. 2 no 11 20 iii-20 ii. N. 166

SPIROUNDECANE

Cotalytic conversion of upino-(5, 5)-under and on a piathum cutalyst N.V. Plagina and others. Neftekhlmifa 3 no 5:663-667 5-O '64

SPITAK DISTRICT—CORN (MAIZE)—FERTILIZERS AND MANURUS

Fortilizers for corn in Spitak District (4, M. Marticosi in Soob Labragrokhim AN Arm. SSR no 4:84-86 [6]

SPITAK DISTRICT-SUGAR BEETS-FERTILIZLRS AND MANURES

Effectiveness of using boron and manganese for sugar bests in Spitale District - I R, III/bashisan N, R - Met-konian - Soob Lab agrobbin AN Arm SSR no 4:71-75

SPLANCHNIC NERVES see Nerves, Splanchule

Methetasis of mallgrant tumors into the spleen. Von onk, 0 no. 3 58-61 463

SPLEEN-INNERVATION

Disturbance of lymphopolesis in a denctyated agreenfollowing total-body tradiation. S. N. Alekandrov, P. A. Prokudian, Z. B. Tokarnkaia. Vop. radiobiol. 59-67 GL.

SPONTANEOUS COMBUSTION see Combustion, Spontaneous

SPORADIC E (IONOSPHERE)

(see also subdivision under Mirnyy Station, Antarelles) Studying htr a and for a variations. O Obergel dyev Geomag, i net. 6 no. 6 1041-1046 N-D 466.

SPOREFORMING HACTERIA see Bactoria, Sporeforming

SPORES (BOTANY)

Electron microscopic study of Micromonospora vulgaria spores N.S. Agre Mikrobiologija 31 no. 2:275-276 apores N.: Mr-Ap '62.

Modern system of aporta competition. L.S. Khomenkov. Teor, i prak fiz. kuitt. "9 no. 11:6-11 N 'tee. Sports beacon, V. Siverisev, Sov. profeedings 22 no. 23 26-28 D 466.

SPORTS—PHYSIOLOGICAL ASPLICTS

Characteristics of mastership in sports in the making, IU. V. Verkhoshanskii, Teor. i prak fiz. kul⁴1, 29 no. 11:18-21 N ⁴⁶⁶.

Characteristics of training athletes under lower atmospheric pressure conditions. A. V. Sedov, A. N. Marin Teor, I prak, fiz., knlt. 29 no. 11:12-15 14 166

Situation of kidneys in athleten. A.G. Mitzmankhamedov, Teor, i prak, flz, kullt 29 no, 11:62-61 N '66.

SPORTS—ORGANIZATION AND ADMINISTRATION

Little pages from history, I.G. Chudinov, Teor, I pras. fiz. kult., 29 no. 11:1-5 N 466. Party outline must be carried out! Test . I prak. fiz. kult. 28 no. 11:2-1 N '66.

SPORTS MEDICINE

Changes in the content of blood sugar and lactic acid in the blood of athletes during standard execution in the process of acquiring a good form. N. N. 1Akovley and others Fiziol, thur. 48 no. 10;1265-1268 O '62.

Effect of adequate and nonadequate load on somatic and vegetative functions, T.N. Makarova, Teor. i grak, IL, kul't. 29 no. 11:50-57 N 106.

Offset of physical load on contractife ability of myocardium. A. N. Synchuk, P. S. Vakhnovan, G. N. Kondratonko, Teor. I prak, fiz. kuiit, 29 no. 11:55-56 N. 160.

Electrocardiographic cultorin in cardiac enlargement in athletes. L. A. Butchenko, IA. G. Ablov. G. M. Kurolev-skii. Teor. i prak. fiz. kult. 28 no. 11:48-52 N '86.

SPORTS MEDICINE (Continued)

Lactic acid content in blood following physical extreses, IF Siyyos, M.A. Mehithoro, Teor upink fiz kul'i 29 no 11:60-61 N. 66

[Medical research data on problems of strength in training athletes] Voprosy silovol podgotovki sportsmenov po dannym vrachebnykh issledovanii, Moskva, Frzkultura i sport, 1965, 194 p. (DNLM)

Phase structure of cardiac systole in extrasystole of athletes. A T Voroblev, B. M. Stolban, I D Oranskii, Teor.i prat.fiz.kult 29 no.11:53-55 N 466

SPORTS STORIES

[Knights of the "queen"] Rytsari "korolevy," Moskva, Sov. Rossiia, 1966, 134 p

SPRAY PAINTING, ELECTROSTATIC

Electric varnishing of chairs with highly viscous varnish V S Vozniuk, M E. Belokont Det prom 15 no 12 8-9 D 166

SPRAYING AND DUSTING EQUIPMENT

Khal sack duster and sprayer. L Lenkov, A. Serdiuk, A. Ezerzhu. Zasheh, tast. 11 no 11 31-32 56.

Zashch, tast, il no II.30-31 66
Simplest fumigation chamber D, Grinchanko Zashch,

rast. 11 no 11-52 '66.

SPRAYING AND DUSTING EQUIPMENT—EXHIBITIONS

Machinery for the chemical protection of plants at the International E hibition of 1966. I.F., Sucgovskii. Trakt iselkhozmash. no 12 39-40. D. 66.

SPRINKLER IRRIGATION see subdivision under Ukraine

SPRINKLERS ace subdivision under Ukraine

SPUTTERING (PHYSICS)

Appular dependences of sputtering and ion-electron emission from single crystals. IU.V Martynenko, Izv. AN 858R, Sc. fiz. 30 no. 12 1971-1932 D 466, Negative ion sputtering of solid surfaces under ion hombarthment. A. Kh. Alukhanov, M. K. Aldullavva. Izv. AN 558R, Sci. fiz. 30 no. 12 2000-2007 D 466.

Fffectiveness of fluorescence and phase contrast bacterio-scopic diagnosts of tuberculosis | I. K. Tsell a his, K. V. Shmalli | Zhu nukrobiol , epid i human | J3 no 6,103-107 | Jc. ¹62

STABILITY

Canceral problems of stability and biogenesis, 1, A.
Nikolaev. Zhur fiz khim 40 no. 11-2665-1670 N 166
Lateral stability of double arches, calculating in matrix
form 1U. V. krotov. 1zv vys. ucheb. zav , strol. 1
arkht. 8 no. 8:18-57 166

STABILITY OF SHIPS

Accuracy of calculating the trim of the ship A.Z. Fridliandskii Trudy LIVT no 81 105-109 165,

Designing the upper works of a ship with a given stability diagram A.N. Rogoslavskii Trudy LIVI no 81 140-144 165

Effect of the elements of a fishing boat on the basic parameters of its stability, S.N. Krasnopoliskii Trudy Kal tekh, inst tyb prom. 15 106-116 '62

Effect of trim difference on the hydrodynamic characteristics of a ship's hull, A.D Gofman, V.I Kogan, A.V. Semenova-Tian-Shanskala, Trudy LIVI no. 81 37-39 '65.

Experimental study of the trum of high-speed unmersed research in shallow water A.G. Liakhovitskii Trudy LIVT no 3163-70 165.

Plotting inter polation curves of the stability of salvage ships V. NStellmashuk, V. P. Shostak, Sudostroenie 28 no 12:11-13 D '62

STACHYROTRYS-TOXICOLOGY

Quantitative method of determining stachybotrictovin, R. V. IUs'kiv, Mikrobiol, 7hu 28 no. 6:68-71 '66

STAINS AND STAINING

Ultrastructure of crab axon and its permeability to vital stains. K.A. Gol'fand and others. TSitologita (no. 5-585-597 S-O '08.

STAINS AND STAINING (MICROSCOPY)

Changes in vital staining of sartorius in frog as affected by acetylcholine, E.A. Shaptro TSitologia 8 no. 5 669-672 S-O '66.

Demonstration of "free space" of pectocellulose membranes by means of negative contrast of ultrathin sec-tions. R.K.Salinev, M.P.Salineva, B.K.IAkimov TSitologiia 8 no.5:615-648 S-O '06

Device for quantitative evaluation of histochemical reactions. IU. M Madievskii, B. I. Moiseanko Biofizika 8 no 5:623-6 '63

Method of making ready planar crystalline lons optibelium preparations Z. A. Sokolova, A. I. Parberov. TSitologiia 8 no. 5:076-677 S-O '66.

Rapki method for staining cestods B.E. Kiok. Vete-rinariia 43 no. 1-104 Ja 167.

Sorption of some vital strins by mantle muscles of Mytilus gallopi ovincially under changing conditions I. P. Suzdal'skata TSitologita 6 no 5 621-628 S-O

Staining of blood amen's and marrox punctates according to Brachet's riethod, M.S. Zhakov, I.M. Karput' - I ab. delo no 1·52 *67

tise of different ficatives in studying hypothalamic-hypophysical neuroscenetory material in rats. O. A. Danilova TSitologija & no 5 661-669 S-O 166.

Utilization of methods proposed by Chubb (in 1962) for making whole proparations from trematoles I \ Khotenovskii Zool zhur 15 no 11 1720-1721 '66

STALINGRAD see Volgogiad

STALINO see Donelsk

STALINO PROVINCE see Donetsk Province

STAMMERING

Tiapugin, N.P. [Stammering] Zaikanle. 12d.4, peter i dop Moskva, Meditsha, 1966, 154 p (Biblioteka praktichoskogo vracia) (DNLM)

STANDARDS, ENGINEERING

[Information index of standards] Inform, ukaz, stand. 27 nos. 11-12 '66.

STANISLAY ECONOMIC REGION—LUMBERING— LABOR PRODUCTIVITY

Increasing labor productivity in lumbering operations, L. I. Arkhangel'skii. Bum, i der, prom. no. 3:54-55

STANIUKOVICH, KONSTANTIN MIKHAILOVICH, 1844-1903

The archives of Stantul ovich G. Rabhlin Knizh, tory $-17 \cdot \text{no} \cdot 12 \cdot 36 - 37 \cdot D^{-1}\text{GS}$

STANOVOY RANGE - ORE DEPOSITS

Assaying different age gold from the southern part of the Stanovoy Ridge region, Far Past. G V Ditmar, Geol, and mestoroth 8 no.6 92-96 N-D 166

STAPHYLOCOCCAL DISEASE

Bierihn-l and breillin-3 experimental stophyloderma in irradiated rabbits N L Solomin Antibrotiki II no II 1031-1035 N 166

Changes in the per meability to penicillin of the hemato-encephalic barrier in cabbits in experimental staphylo-coccal infection. B.Rudzitis Pat fiziol.1 eksp temp no.3,82-83 61

Intrade and anatorin therapy of staphylococcal affections, Silviu Dan Zhan mikrobiol , epidai immun 31 no 6: 111-115 Jo '62

STAPHYLOCOCCUS

Association of staphylocolous with respiratory viruses in ncute pneumonia V. V. Ritova, A. S. Larionov Zhar-mikrobiol . epid. i frimun 13 no 11:74-76 N *ob.

Dynamics of the sensitivity of staphylococci to antibiotics in pysiermitis S., Dovinanskii, L. V. Mcfodleva. Vest, der m., t. ven. no 12 33-36 162

what the first of stable of the substances the substances the substances the substances and others. Antibiotiki 11 no 11 892-998 N 466

Some physiological characteristics of streptomycinresistant staphylococcal variants P.V. Komorov. Mikeobiologita 31 no 2:277-291 Mt-Ap '62

STAPHYLOCOCCUS-TOXICOLOGY

Inactivation of Staphylolovin by the Salts of ethilene-diaminotetracretic at id (EDTA). I. N. Bel'gova, A. N. Tatariniseva. Trudy LPMI no. 32 29-33 (65

Data on the physiology of membrane (contact) digestion Report No. 4; Starch splitting in the frog vascular sys-tem A. M. Ugolev, V. V. Chernousova Biulek-p.biol i med 55 no 5:25-28 My '63

Effect of sugars, pentosans, and amino acids on determining grain starchiness by Evers method, V.A. Smlinov and others Prikt, blocking i mikrobiol 2 no. 6 694-698 N.D. 166

STARCH INDUSTRY

Combined processing of potatoes, 1U.M. Vinokur, Spirt, prom. 28 no. 5:28-31 '62'. Starch plant for state and collective farms, 1. Beshchin-skii. Sel'. strol. 16 no 11:insert:7-8 N '61.

STARCH INDUSTRY-BY-PRODUCTS

Combined mashing of the wastes of starch production and corn kernets in the production of alcohol. A.M. Kerner, Spirt, prom. 28 no. 4:32 '62.

STARCHENKO, ANATOLII Poet Anatolii Sturchenko A. Klein, Sov. shakht. 12 no.4.34 Ap 163.

STARS-ATMOSPHERES

Temperature gradient in atmospheres of magnetic and peculiar stars, IU, V, Glagolevskii, Astron zhur. 43 no 6:1104-1199 N-D '66

STARS-CLUSTERS

Barkhatova, K.A., and V.V.Syrovol, Atlas diagramm tayet-syclimost' avezdnykli si oplenii i assotsiatsii. Atlas of colour-magnitude diagrams for clusters and associations. Moskva, Astronomicheskii Sovet Akad, nauk SSSR. Pt. 2, 1963, 1 v.

[MICROPILM]

STARS-EVOLUTION

Adiabatic outflow and equilibrium states with excess chergy G 9, Bismovatyl-Kog in, 1A B, ZePdovich Astron zhur 13 no b 1200 1206 N-D 166

Hertzsprung-Russell diagram based on stellar evolution theory O.B Diuzhocystana Astron zhut. If no b. 1226-1233 N-D 466

Kinetic equilibrium of β-processes in the interior of stars, V.S Imshennik, D.K Nadezhin, V.S Pinacy Astron zhar 43 no 6 1215-1225 N-D 166

STARS—PROPER MOTION

Determinability of tangential velocities of distant stars, included, and palaries. A.G. Baranov. Astron. Jan. 13, no. 6-1231-1236. N-D. 166

STARS, NEW

Outbursting stars, V.S Oskanian, Prinoda 55 no.12 22-27 466

Polarization of emission from DQ Herculis (N HER 1981) E.A.Dibai, N.M.Shakhovskoi Astron chui 1319-1421 N-D '66

STARS, VARIABLE

O Cet electronic and Zaustra's temperatures according to the bright hydrogen lines S V. Rublev. Astron terr, no 3061-3 N '64

STARS, VARIABLE-SPECTRA

Photoelectric and spectrographic observations of bursts of AD Leo B in 1985 R E. Gershberg, P i Chogamov, Astron zhur 43 no. 6 1986-1178 N-D 466

STABVATION

Changes in eight ocyte ϵ emposition of the blood in humans during prolonged complete dictory standion (without limitation of water) and subsequent feeding. It I, Shapiro. Birl eksp biol i med. 55, no. 5, 10-11. My 43

Development of radiation injury in the nurous membrane of the small intestine of mice and its regeneration under conditions of starvation. N. F. Gronskain. Vop. 1 after-blo1. 4:208-221 '61.

Selective ascending activation of the anterior segments of the carebral cortex as a functional basis of alimen-tary reflexes K.V. Sudakov, III V Universe Viziol shur 48 no 10:1177-1177 O '62

STASOV, VLADIMIR VASIL'EVICH, 1824-1900

Lebedev, A.K., and A.V.Solodovnikov, [Vladimir Vasil'-cylch Stasov, his life and works] Vladimir Vasil'cylch Stasov, zhizni i tvoi chestvo. Moskva, 1960. 181 p.

STATE AND CHURCH see Church and state

STATE FARMS

(see also subdivision under Istra District, Kinghiztstan)

Ovsav, A. IA. [Housing and service industries on a state farm! Zhillishelmo-bytovala rabota v sovkhoze. [Moskva] Profizida, 1966. 69 p. (Bibliotechka sel'skogo profisoluznego aktivista, no.24(72))

STATE FARMS—FINANCE

Business accounting begins this way.... A. Galitaya, Sov. professingy 22 no. 247 D 66

Capital yield on state forms. L. Sineva. Vop. ekon, no. 12:41-51 D '66.

labuing credit to state farms. Z Ogdanets. Den i kred. 24 no. 12:54-56 D 166

Some problems of practice in issuing credit to state farms A. Vdovichenko. Den i krd. 24 no. 12, 30-54 001 CI

STATE FARMS—LAWS AND REGULATIONS

Panova, E.A. (Internal regulation of work on state farms) Vnutrennii trudovoi rasporladok v sovkhozakh, Moskva, IUrid, lit-ry, 1966, 190 p.

STATE FARMS—MANAGLMENT
(see also subdivision under East Kazakhstan Province;
Moldavia)

Interest state-farm workers in preparing worksble plans V Illushin Ekon sel'khoz 42 no 12:84-88 D '66

Koytus, P.I. [We have rich havests every year] U nas kazhdył god vysokie urozini. [Moskva] Profizcit, 1906, 46 p. (Bibliolechka sel'skogo profsoluznogo aktivista, no. 21(69))

Make efficient use of each hectare of land, I.S. Shinkarev, G. A. Kuynetsov, Zemledelic 28 no 10:47-19 O 166 Man's honor depends on his labor, I. Anisimov. Sov. profesolary 22 no. 24:21-22 D '56.

STATE FARMS—OFFICIALS AND EMPLOYEES

Conflict of local significance, G.Shcheglov, Sov profsciuzy 22 no. 23:31-35 D '66.

STATE FARMS-PRODUCTION STANDARDS

Sergecva, Z.V. [Workers' trade-union committee and establishing work norms on state farms.] Rabochkom i normirovanie truda v soykhozakh. [Moskva] Profizdat, 1966. 46 p. (Bibliotechka sel'skogo profsoluznogo aktivista, no. 20(68))

STATES, NEW-STATISTICS, VITAL

Notes on the demography and population policy of the developing countries. Stephen R. Dunn. Rai A. i. Afr. no 6-18-0-101 166.

Alicply to Stephen R Dunn, A IA kvasha, Nar, Az i Afr no 6,181-183 *65

STATESMEN, ARGENTINE

People and events: Rodolfo Ghioldi. Nov vrem. 25 no 4 21 Ja '67.

STATESMEN, BARBADIAN

People and events: Errol W. Barrow, Roger Bonvin, Nov. viem. 25 no 2:24, 27 Ja 167

STATESMEN, CUBAN

People and events: Karoly Csalorda, Ricardo Alarcon de Quesada, Nov vrem 23 no 8 25-27 F b7

STATESMEN, HUNGARIAN

People and events: Karoly Csatorday, Ricardo Alarcon de Quesada Nov viem 25 no 8 25-27 F '67,

STATESMEN, IRANIAN

People and events: Ardeshir Zahedi; Rachid Karame Nov viem 25 no 3 10-21 Ja 67

STATESMEN, LEBANESE

People and events Ardeshir Zahedi, Rachid Karame Not vrem, 25 no 3 lo-21 Ja #67

STATESMEN, SWISS

People and events: Errol W. Barrow; Roger Bonvin, Nov. vrem 25 no 2,24, 27 Ja 167

STATISTICAL COMMUNICATION THEORY

Significance of a statistical structure in single-determined response to signals of two types. V. A. Rodrov, A. A. Genkin, G. M. Zarakovskii Vop. psikhol. 12 no. 6-77-86 N-D '86.

STATISTICAL WEATHER FORECASTING

Expediency of using synoptic classification for some synoptic-statistical for coasting schemes V l Knia-zeva Trudy TSIP no 154 66-67 166

Forecasting anomalies of mean air temperature for 5-day period using synoptic-statistical method M. N. Fedulasa. Trudy TSIP no 154 62-65 466

Method for forecasting anomalies of atmospheric temperature for 10-day perind A L. Kats, V I Kniazeva, Trudy TSIP no 154 47-56 '66

Middle-range weather for ecasting for mountainous countries as revealed by study made in western Georgia. D. A. Midnaradze, Meteor. i gidrol no 12 36-10 D '66.

STATISTICS

Indices of the gross product of the world. P. Bagrii Vest stat no.12,30-33 '66. Mean error of fraction of variant in alternative distri-bution P V Popov Khim, v scii, khoz 4 no 12 65 55 D 156. button P V Popov Khim, v scl¹, khor ¹ no 12 65-66 D ¹6b.

Statistics should contribute to the solution of new problems A. Boras sku, E. IAsin Kommunist 43 no 2 56-b1 P ¹67.

STAVROPOL-LIBRARIES AND READERS

How we serve the readers of foreign literature A A, khazanova Opytrab bibliot s mostr lit no 4 72-80

STAVROPOL TERRITORY—AGRICULTURAL CREDIT

Practice in direct credit, I. Zavalishin Den. i kred 24 no. 12,30-35 D 166

STAVROPOL TERRITORY—AGRICULTURAL WORKERS

The truth of Uncle IAkhlia E. Losev Agitaton 34 no. 24 32-34 D '66.

STAVROPOL TERRITORY—COLLECTIVE FARMS— FINANCE

Practice in direct credit 1, Zavalishin. Den. i kred. 24 no 12:30-35 D 166.

STAVROPOL TERRITORY—OIL WELL CASING

Causes of failure of casing in high-temperature wells of Stavropol Territory, V. P. Banatov, A D. Krasiuk, V S Suvorov, Burenie no 12 20-24 466.

STEAM-THERMODYNAMICS

Thermophysical characteristics of water and steam on the saturation line (according to temperatures). Energo-mashinostroenic 8 no 8:47 Ag '62

STEAM BOILERS see Bollers

STEAM BOILERS, MARINE see Boilers, Marine

STEAM ENGINEERING

Automatic regulation of steam pressure and temperature P.P. Patrushev, B N. Sokolov Bum prom 37 no 4 21-23 Ap '62

STEAM POWER PLANTS

Khasman, P. IA. [Fundamentals of heat engineering and power systems] Osnovy teplotekhniki i silovye ustanov-ki. Moskva, Lesnaia promyshlennost', 1066, 319 p.

STEAM TURBINES

Analytical method for determining economically optimum characteristics of the condensing units of turbine systems D M Budnintskii Friergomashinostroenje 8 tems D M Budnin no 8 22 - 26 Ag 162

Changes in the amplitude-phase characteristics of the control system of steam turbines in case of the disturbance of dynamic autonomy criteria. I.I Kirillov, Teploenergetika fi no. 2,14-20 F '61

Deformation of steam turbine rotors 1 M. Stepanov Energomeshinostroenie 8 no 8 31-32 Ag '62

Determination of economical characteristics of boilerturbine block using digital computers. E. K. Lolhanin, Trudy VNIIC no. 22:129-145 165

Dynamic structure of a high-temperature gas-t aper block operating according to the TskTI-LPI system S A hander and others 12v vys. ucheb 2av , energ 9 no 11 37-43 N 163

STEAM TURBINES-DESIGN AND CONSTRUCTION See subdivision under Leningrad

STEAM TURBINES-TESTING

Determination of the internal efficiency of the regulatory stage and separate compartments of a turblue under field conditions P.S. Arkhipov Energomachinostrochie field conditions P. 8 no 836 Ag '62.

STEAMBOATS

(see also subdivision under Great Britain)

Smantzer, A. I. [Over all automation of the power plants of river steamboat's] Kompleksnata automatizatsifa silovykh ustanovok technykh parokhodov. Moskwa, Transport, 1966, 144 p.

STEAMPIPES

Effect of throttling of live steam in steampines on optimal distribution of loads N.P. Virkovskii, A.N. Gerasimovich I'v vys ucheb zav. cnerg 9 no. il 11-51 N. 466

Selection of material for condenses tubes with fresh-water cooling, L.D. Berman, E.S Ginzburg, Elek, sta 37 no, 11:23-30 N 166,

Value of the coefficients of hydraulic resistance of lense compensators S V Churakova, M P Hirkins Prergomashmostroenic 8 no 8:29-30 Ag '62

STEARIC ACID

Ways of formation of carbon dioxide in oxidation of stearic acid methyl ester. N. I. Mitskevich, V A. Lashitskii, B V Erofeev Doki AN BSSR 10 no. 10: 752-751 O 166.

Enamel coalings of steel with high protective properties. L.D. Svirskii, A.D. Ponomarenko. Ukr. khim, thut 32 no 12:1357-1360 166

Viscoelastic and viscoplastic waves in a material with delayed yielding V. A Kotliarevskii PMTF no. 3' 81-87 My-Je 162

STEEL-ANALYSIS

STEEL—ANALYSIS
Spectrophotometric determination of nickel, cobalt, and chi omium in steels. Report No. It Estimation of systematic errors artising at the expense of undetermined components. N. P. Komari, L. S. Palagina, Zhur, anal. khim. 21 no. 11:132:1-1332 166
Use of tributy phosphate's for extraction of microgram amounts of carium in the analysis of steels, IU.G. Eremin, V. V. Raeveskala, P. N. Romanov Zhur, anal. khim. 21 no. 11:1303-1306 166.

STEEL-BRITTLENESS

Effect of plastic deformation in the austentic state on temper brittleness of rall steel. V.V.Diuzhinin, D.I. larasko, IU.V. Gidlan. 12v.v.ys.ucheb.zav.,chem.met. 9 no 12:120-121 186.

STEEL-CORROSION

Anticorrosive coatings in the chemical industry. 1.1. Markov, E. A. Protogavitskola Mont. i spets. rab v stroi. 25 no. 10:13-16 O '63.

Effect of chlorine ions on the corresion cracking of 1X18H9T austenitic steel. P. A. Akol'zin, L. V. Korneeva, Teplocnergetika 8 no. 2:55-60 F '61.

Studying scale formation during metal heating in continuous furnaces of light-section and wire-1 od mills.

E. I. Spivak and others Stal' 26 no. 12 1139-1144 D 66.

Studying the effect of some inhibitors on the ultimate strength of steel subjected to corresion in a hydrocarbon-electrolyte system. S.A. Balezin and others. Za tekh, prog. 6 no. 12 33-36 D 466.

STEEL-ELECTROMETALLURGY

Effect of aluminum additions on properties of semikilled St. 5ps steel A. F. Dolgopolov, B. I Panich, 12v, vys. ucheb, zav., chern, met, 9 no. 12:38-43 166

STEEL-FATIGUE

Effect of the form of a stress cycle on the accumulation of fatigue damages. M. M. Filatov. Prikl, mekh. 2 no. 11:83-89 *96.

STEEL-HARDENING

High temperature the mome chanical irealment of rail steel. V. V. Druzhinin, D. I. Tarasko, IU. V. Grdina Izv. vys. acheb. vav., chem. met 9 no. 12,115-110 466.

Romaniy, O.M., and H. I. Chet epanova. [Then memechanical hardening of steel] Ter momekhanichne zmitsnenntastali Kylv, Naukova dumka, 1966 218 p.

STECL-HEAT TREATMENT

New developments in research, G.M. Kompaniets, M.1 Starosetetskii Stall 26 no 12 1137 -1138 D 166.

STEEL-INCLUSIONS

Nonmetallic inclusions in aluminum-alloyed steel. A.T. Pereviarko and others. 17v vys. ucheb. 2av., chem., met 0 no 12 61-66 166

STEEL-METALLOGRAPHY

Effect of structure-free ethenlite on workability of cold-volled mild sheet steel. Kuz, -shtam. prolev. 8 no. 12/15-18 D 168.

Kinetics of austenile transformation during continuous cooling, I.N Aleksandrov, N.B. Malykhanova, Izvys, webeb zav., chein, met. 9 no 12;106-110 '66,

Process of the formation of extra-axial heterogeneity in ingots, A. A. Zborovskii, E. L. Rabinovich frv. vys. ucheb. zav., chein met 9 no 12,11-49 466.

Speed of quenching and its influence upon structure and properties of St 3-type steel. N P Legelda and others Stal' 26 no 12 H31-H34 D '66

STECL-METALLURGY

New developments in research G. M. Komponiets, M. 1. Statesetelskii Stal' 26 no 12 1099 D 166.

New method for the complex improvement of the machinebility of steel eastings, S.V. I ominskil Doki, AN BSSR 6 no 6 366-369 Je '62.

Using steel chips in steel smelting, IN. A. Barinov and others. Lit. proize. no. 12 6-7 D 466,

STEEL-QUENCHING

Speed of quenching and its influence upon structure and properties of St 3-type steel. N F Legelda and other a Stat! 26 no. 12 1131-1134 D '66

Mathematical expression of impact toughness in low-carbon steel depending on temperature of tenting and carbon content. N. G. Rukhvostova, K. V. Popov. 12v. vys. ucheb zav., chem. met. 4 no 1°2111-115 166.

Wear resistance changes in P18 steel under the effect of ultrasonic waves. V. N. Chachin, A. I., Skripplehen-ko, Doki, AN BSSR 10 no. 10,781-705 () 166

STEEL, EFFECT OF TEMPERATURE ON

Heat resistance of steel and practical problems of its heating and cooling solved on this basis. S.G. Golovanov. Kur. -shtam. proizv. 8 no. 12:35-40 D 160.

STEEL, HEAT RESISTANT-ELECTROMETALLURGY Hardness of heat resistant steels at high temperatures depending on addition alloys and heat treatment, N. A. Bystrova, D. IA. Vishniakov, Trudy MATI no. 66:16-

STEEL, HEAT RESISTANT—TESTING Boron alloying of austentite atcol and alloys for welked structures. B. I. Medovar and others. Avtom. avar., 19 no. 12432-57 N [1, c. D] '66.

STEEL, STAINLESS—PICKLING see subdivision under Zanot ozh've

STEEL, STAINLESS-TESTING

Testing for hydrostatic bulging of certain stainless steels, F. I. Ruzanov. Kuz. -shtam, proizv. 0 no. 12:21-23 D

STEEL, STAINLESS-WELDING

Properties of welded joints in hest-reststant atminess steel. M. M. Shirikman, Avtom, ever. 19 no. 12;9-12 N [i. e. D] '66.

STEEL, STRUCTURAL

The expediency of using high-strength steel rolled products in steel structural elements, V i Labzenko, IU. V Smirniagin, Prom. zdan no. 2 31-35 [6]

STEEL, STRUCTURAL-HEAT TREATMENT

Increasing structural steel strength by heat treatment L. I Gladshtein, D A. Litvinenko, Kh. Sh. I evinzon 26 no. 12 1126-1131 D 466,

STEEL ALLOYS

Extraction-photometric determination of niobium in alloyed steels using sulfochlot ophenol S. S.B. Savvin, P.N. Romanov, IU.G. Etemin, Zhur anal khim, 21

no.12,1423-1426 '66 Interaction between an Al-Ph-Sn melt and cyclically deformed steel. M. I. Chalevs'kyi, V. F. Shatyne'kyi. Dop. AN URSR no. II. 1456-1160 162,

STEEL CASTINGS

Techniques for custing pole flanges. B. D. Dul'fan. 14t proizv no 11:43 N '63

STEEL CASTINGS (Continued)

Using internal chills in the production of start castings, PF Vasilevskii, GA Kuznetson, Lat progress, no 12 7-10 D 166

STEEL CASTINGS-COOLING

Internal chills in steel castings G A Maksimenko Lit proize no 11-3-1 N 63

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Interaction of steel with the mold in precision casting D.T. Lapkin and others. Lit profes no 11,44-45 N 463

STEEL CASTINGS-STANDARDS

Now All-Union State Standard for steel casting. V. Berlin, B V Zakharov Lit profes no 12 39-10

Plans of the All-Union State Standard for steel castings, IV, A Event atox and others - Lit profess, no 12 37-39 D 166.

STEEL CASTINGS-TESTING

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STEEL INDUSTRY see subdivision under Chelyabinsk; Cherepovets (Vologda Province); Zlatoust (Chelyabinsk Province)

STEEL INDUSTRY-MAPS

Metals of our country; with a map, D. Popov, Agitator 34 no. 1/21-27 Ja '67,

STEEL INDUSTRY-SCHEDULING

Organization of work according to the schedule in a metallurgical plant. 1U, Bocharov, Sots trud 11 no. 12:77-80 D '66

STEEL INDUSTRY-TECHNOLOGICAL INNOVATIONS Innovators in the strel industry of the R S. F. S. R., 1950-1962 A M. Katsva Ist, SSSR 10 no 6:92-105 N-D 465

STEEL INGOTS-MODELS

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STEEL-NICKEL ALLOYS

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STEEL PIPE see Pipe, Steel

STEEL STRIP

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STEELWORKS see Iron and steel plants

STEERING GEAR

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Fiffectiveness of auxiliary steering devices A. Vasiliev, Rech transp 21 no 7 30-31 Jl '62

STEL'MAKH, MYKHAILO PANASOVYCH, 1912-

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STEPMOTHERS

A mother or a stepmother? E. Kotiashova Semita i shkota 21 no. 12 47 D 166.

The stepmother. A. Kharitonova, Sem'ia i shkola 21 no.11:12-11 N '66,

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STEREOCHEMISTRY

Stereochemistry and reactivity of unsaturated compounds, Part 2: Synthesis and reactivity of y-aldehydo acids of A3-cyclohuxone series. G.P. Gugatova-Shemiakina, V. M. Andreev, S. A. Kazartan Zhus, org khim 2 no H 2085-2074 N '68.

Stereochemistry of hydrogenation and hydrogenolysis E 1. Klabunovskii. Usp khim. 35 no. 7,1294-1323 Ji

STERILITY IN ANIMALS

Prophylavis of sterility in herd bulls, A. M. Kuznetsov, Vetermarria 43 no. 1:83-64 Ja 167.

Studying the physical, chemical, and some pharmacological properties of preparation KF. Report No. 1, E. I. Spirin. Shor. nauch rab. SibNIVI no. 11 168-173 162

Use of pregnant marc's serum and erythrocyte mass in sterrity of cows. I. L. lAkimchuk. Veterinaria 43 no 179-80. Ja. 467

STERILITY IN PLANTS

Development of lines maintaining cytoplasmic male sterility in sugar bects. A.N. Lutkov, V.I. Kovalanko, Sel'khoz, biol. 1 no. 6;804-808 '66.

Pffect of gamma irradiation at various periods of plant development. N N Koshushko. Shor trud asp i mol. nauch soft VIR no 2 317-321 [61]

Studying the character of the cytoplasmic male sterility of corn and its use in hybridization 1.8 Chark Gen , seld sem kul no 192-139 765

STERUIZATION

Statilization of anesthetic equipment. F. N. Kazantsev. E. E. K. asmoshchekova. S. M. Gaffatullina – l'ksper. khir. i onest. S. no 6,71-76 N-D '63.

STERLITAMAK-CHEMICAL PLANTS-DESIGN AND CONSTRUCTION

IAkupov, Kh. IA. [Proud occupation] Gordata professiin. Ufa, Bashkirskoe knizhnoe izd-vo, 1963. 34 p. (Malaki promyshlennosti Bashkirii)

STEROID HORMONES

Diurctic action of ACTH, continue and praduktone in patients with chiculatory insufficiency V K Serkov Sov med 26 no 3-131-133 Mi 483

STEROID HORMONES-PHYSIOLOGICAL EFFECT

Effect of steroid hormones on biochemical and morphological changes in heart duting experimental myo-cuidal infarct, 1 1A, Usvatova and others. Trudy l-go MMI 43 42-53 '66.

STERODS

Chromatography of 3-retosteroids in thin layer of sorbent, Repot No 2 Use of acid aluminum oxide. B, Kh, Nguen, A.A. Chemerisskaia, Zhur, anal, khim. 21 no 11:1375-1379 166.

Fiflet of novocaine on the excretion of 17-katosteroids in elderly persons N, V. Svecinikova, N V. Vetzhikowskata, V, I, Bekker Sov med 26 no 3 114-115 Mr 163

Statoid compounds in the fungus Incootus obliquus E.V. Loviagina, A.N. Shivrina Blokhimiia 27 no. 5:794-800 S-O 162.

Steroids, Report No. 26: Synthesis of steroido: /i7, i8d/ iso:asoles, L. I. Kilmova, N. N. Suvoi ov Khim. prit od seed, no 5 325-333 '66,

Thin-layer chromatographic analysis of ateroids on microplates coated with silica gel, I 1 Zaretskaia and others, Khim. p.trod. soed. no 5 321-325 466

STILLBIRTH

Petrov-Maslakov, M.A., and I.I.Klimets. [Per inaial mortality] Per inatal mais smertnost! [Leningt ad] Meditsina, 1965. 217 p. (DNLM)

STOCHASTIC PROCESSES

Absolute continuity of measures, corresponding to Gaussian processes, in linear transformations A.D. Shalashvili, Trudy Vych, tsentra AN Gruz SSR 3 241-

Akademila nauk Gruzinskoi SSR. Institut kibernetiki.
[Problems in the analysis of operations] Vopresy issicdovania operatsii, Tbilisi, Metsniereka, 1966. 117 p.

Avotage number of overshoots of a random process at the output of a receiving device M I Dot man 128 yes ucheb zav , radiotekh. O no 6:742-750 N-D 'u6. Condition for correct take polation of generalized unito m random field. O. I. Penomerenke. Dop. AN URSR no 11:

1400-1402 '66

Determination of the interval of independent registration of random stationary process by comparison of the distribution functions of two-dimensional probability densities, N.A Rubichev, Radiotekb, i elektron ll na 12 2220-2221 D 168.

Distribution of time interval probability between zeroes of a narrow-band normal random process. A M., Romanov, B. A. Sidorov. Radiotekh, i elektron. Il no 12·2222-2226 D 160.

Extrapolation of one class of nonstationary 1 andom proc-esses. V. B. Heorhievs!kyl, V. N. Stepanonko Avtomatyka 11. no. 6.70-71. 166.

Some stochastic optimization techniques, IU, M. Ermo-liev, E.V Nekrylova. Kiberactika no 6:96-98 N-D '66.

STOCK AND STOCKBREEDING

(see also subdivision under Bai-Taiginskiy District; Estonia; Voronezh Province)

Problems in the physiology and pathology of reproduction in farm animals. V.5. Shipitov. Veterinarila 43 no. 11:186-188 N 486.

STOCK AND STOCKBREEDING-EQUIPMENT AND SUP-PLES see subdivision under Estonia

STOCK AND STOCKOBEEDING-MANAGEMENT (see also subdivision under Petrikov District) Use of the two-shift system on a farm is good! L. Ermakova. Sov. profestuzy 22 no. 23.6 D 166

STOIKO, ANATOLII GEORGIEVICH, 1895-1966

In memory of A.G. Stolko. Zhur, neer, i psikh, 67 no. 1'

ETOMACH

Anatomy of the efferent lymphatic vessels of the stomach in the adult person V.S. Revaroy Arkh anat . gist 1 emb: 44 no 3:19-27 Mi '63

Study of the so-called absorbing function of the atomach under clinical conditions IAS, TSimmerman Sov med 29 no 12 18-21 D 166

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Combined treatment of gastrie cancer and breast cancer with the use of radioactive gold, V. M Sitenko and others, Vop. onk, 12 no. 12 10-13 168,

Complications related to the use of a permanent catheter in operations on cancer of the upper portion of the stomach and esophagus. L.G. Kharitonov, A.V. Bogdanov, A.Zh. Vernian Khiringin 42 no. 11 36-38 N 166.

Compound diagnosis of gastife cancer. A 1 Prism-zhniuk Klin onk no t 201 208 *65.

Electrophoretic examinations of denaturation processes of serum proteins in cancer of the stomach. Z.H. Notkina Lab delo no 1-48-49 47.

Experimental basis and clinical use of a new method for performing coophagointestinal anastomosis K. N., TSatsanidi Eksper khir. i anest 8 no 6,19-23 N.-D.

Malignization of gastric ulcor. C. V. Lockutova, Trudy Inst. un. N. V. Sklif. 7 112-117 163.

Methodology and coentgenediagnostic methods in gastric cancer. IU, N. Sokolov Vestrent irad 37 no 3;3-13 My-le '62

Osseous metastases of stomach cancor: 4 observations, V. M. Medunetskoia, Vop. onk. 12 no. 12:56-57 '66. Pheumoper Roman vop. ons. 12 no.12:56-57 lb6. Pheumoper Roman In the X-ray diagnosis of cancer of the upper parts of the stomach Ir I. Firsov, V. I. Astaf'ev. Vest rent Itad. 37 no.3:27-30 My-Je '82.

Resection of the stomach in cancer with direct anastomosis of the gastric stump and the duodenum 19.1. Bidaev Vop. onk 9 no 3:119-123 103

Réchigenological data on the state of the digestive tract following total gastrectomy for cance: A G. Nad-zharov, L. A. Ramazanova, Vop. ank. O no 3:74-83

Role of the afinentary factor in the development of precancerous diseases and gostric cancer. A. S. Shemechuk. Kiin, onk. no. 1:24-27 165.

Role of the partetography method in the diagnosis of gastric cancer. V. B. Adonovich Vest rent 1 rad 37 no 3-21-27 My-Je 362.

Some problems of the differential X-ray diagnosis of gostric cancer I. A. Shekhter. Vost rent 1 rad. 37 no.3:11-20 My-Je '62. Study of the antigens of stomach cancer in man by pre-

cipitation in agar. L. V. Shershul'skain. Vop. onk. 9 no 3:22-27 '63. Study of the karyotype of a monolayer culture of a larman stomach cancer E. P. Ugriumov, M. T. TSoneva-Meneva. Bini eksp. biol i med 55 no. 5193-96 My

Surgical treatment of gastric cancer, M.A. Mingkii, Klim onk no. 1:69-72 *65

STOMACH-DISEASES

Discusse of the stomach following gastrectomy and their treatment, I.K. Pipia, R.N. Kumsiashvili. Trudy Inst im N. V. Sklif. 7 107-112 '63.

Discases of the stemach following gastroctomy for pep-tic ulcer, M.F.Komakhdze, T.I.Akhmeteli. Trudy Inst. im. N. V.Sklif. 781-37-163

Gastric electrothermometry in the diagnosis of different stomach diseases Roport No 2. S. M. Guseinova Azerb med zime no.7:17-22 JI '62

State of the stumach in patients with peoriosis IV.I. Fishkon-Ryss. V. K. Kalgin Vest. derm i ven 37 no 3;23-26 Mr. 163

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STOMACH—INFLAMMATION

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V.IA. Unru Trudy Novoku/ GIDUVA 32:84-87 65

STOMACH-RADIOGRAPHY

Postoper ative pseudotumors of the stomach, P.V. Vineov. Vest rent. i rad 37 no. 3:31-34 My-Je 462.

Radiation damage of Stomach induced by radioactive certum. G.A. Lebedeva Radioatologila 8 no.5 697-699 '86

STOMACH-SECRETIONS

Changes in conditioned reflex activity and gastric secre-tion following radiation stakess. S. R. Perspelkin Radiobiologiia 8 no 6:851-859 '66

Changes in the functional state of the stomach in diabetes mellitus under the effect of insulin treatment Kalinina. Sov. med. 29 no. 12 22-26 D '66,

Results of using insulin as a stimulant in examination of gastric secretion, V.A.Arabadzhian, Sov. med 20 no 12.84-87 D '66

STATE FARMS—PRODUCTION STANDARDS

Sergeeva, Z.V. [Worvers' trade-union committee and establishing work norms on state farms] Rabochkom i normirovanie truda v soviklozakh, [Moskva] Profizdat, 1966. 46 p. (Bibliotechka sel'skogo profsoluznogo aktivista, no. 20(68))

STATES, NEW-STATISTICS, VITAL

Notes on the demography and population policy of the developing countries Stephen R Dunn, Nat. Az 1 developing countries S Afr no 6 18 0-1c1 166

A teply to Stephen R Dunn. A IA Kvasha, Nat Az. i Afr. no 6,181-183 '66

STATESMEN, ARGENTINE

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STATESMEN, BARBADIAN

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STATESMEN, SWISS

People and events: Errol W. Barrow; Roger Bonvin Nov. vrem. 25 no 2:24, 27 Ja 167.

STATISTICAL COMMUNICATION THEORY

Significance of a statistical structure in single-determined response to signals of two types. V. A. Budrov, A. A. Genkin, G. M. Zarakovskii. Vop., psikhol 12 no. 6; 77-86 N-D '66

STATISTICAL WEATHER FORECASTING

Expediency of using synaptic classification for some synoptic-statistical forecasting schemes V l. Knia-zeva Tudy TSIP no 154 85-67 '66.

Forecasting anomalies of mean air temperature for 5-day period using synoptic-statistical method M N Fedulova Trudy TSIP no 154:62-65 166

Method for forecasting anomalies of simospheric temperature for 10-day period A. L. Kats, V. I Kniazeva, Trudy TSIP no 154.47-56 '66.

Middle-ronge weather forerasting for mountainous countries as revealed by study made in western Georgia D A Midnaredze. Meteor i gidrol no 12,36-40 D '66.

STATISTICS

Indices of the gross product of the world. P. Bagril. Vest stat. no. 12 30-33 '65. Mean error of traction of variant in alternative distribution. P V Popov ktim. v sel' khoz 4 no 12 65-

bution. PV Popov khim, v ser and 66 D 166 https://doi.org/10.1000/10.1000/10.1000/10.1000/10.1000/10.1000/1

STAVROPOL-LIBRARIES AND READERS

Now we serve the readers of foreign hierature. A.A. Khazanova Opytrab bibliot sinosh lit no 4 72-80

STAVROPOL TERRITORY—AGRICULTURAL CREDIT

Practice in direct credit I, Zavalishin Den, i kred, 24 no. 12,30-35 D 166

STAVROPOL TERRITORY-AGRICULTURAL WORKERS

The truth of Uncle IAkhija E. Losev. Agitator 34 no. 24;32-34 D 166.

STAVROPOL TERRITORY—COLLECTIVE FARMS— FINANCE

Practice in direct credit, I, Zavalishin. Den.i kred. 24 no.12;30-35 D $^{+}66.$

STAVROPOL TERRITORY-OIL WELL CASING

Causes of failure of casing in high-temperature wells of Stavropol Territory, V.P. Banatov, A.D. Krasiuk, V.S. Suvorov. Burenie no.12,20-24 '66,

STEAM-THERMODYNAMICS

Thermophysical characteristics of water and steam on the saturation line (according to temperatures) Energo-mashinostroente 8 no 6:47 Ag '62

STEAM BOILERS see Boilers

STEAM BOILERS, MARINE see Bollers, Marine

STEAM ENGINEERING

Automatic regulation of steam pressure and temperature P. P. Patrushev B. N. Sokolov Bum prom 37 no. 4 21-23 Ap '62.

STEAM POWER PLANTS

Khasman, P. IA. [Fundamentals of heat engineering and power systems] Osnovy teplotekhniki I silovye ustanov-Fi. Moskva, Lesnaia promyshlennost', 1966. 319 p.

STEAM TURBINES

Analytical method for determining economically optimum characteristics of the condensing units of turbine 8ys tens D M Budnitatskii Energomashinostroenie 8 no 8 22-26 Ag '62

Changes in the amplitude-phase characteristics of the control system of steam twisines in case of the disturbance of dynamic autonomy criteria. I. I. Kirillov Teploenergetika 8 no. 2 14-20 F 161.

Deformation of steam turbine rotors I M. Stepanov Energomashinostrosnie 8 no 8 31-32 Ag 162

Determination of economical characteristics of holier-turbine block using digital computers. E.K. I othanin, Trudy VillE no. 22 129-145 165

Dynamic structure of a high-temperature gag-taper block operating according to the TskTf-LPI system S A Fantor and others. Irv vystucheb we, energy no ll:37-43 N 166

STEAM TURBINES-DESIGN AND CONSTRUCTION See subdivision under Leningrad

STEAM TURBINGS-TESTING

Determination of the internal efficiency of the regulatory stage and separate compartments of a tublic under field conditions P.S. Arkhipov Energomashinostroenie no 8 38 ∧g '62.

STEAMBOATS

(see also subdivision under Great Britain)

Smantser, A. I. [Overall automation of the power plants of river steamboats] Kompleksnafa avtomatizalsifa silovysh ustanovok rechnych parokhodov. Moskva, Transport, 1966, 144 p.

STUAMPIPES

Effect of throttling of five steam in steampines on optimal distribution of loads. N.P. Virkovskii, A.N. Gerasimovich. Izv vys ucheb zav., cnerg. 9 no ll 44-51. N. 166.

Selection of material for condenses tubes with freshwater cooling. L.D Borman, E.S. Ginrburg. Elcketa. 37 no 11:23-30 N '66.

Value of the coefficients of hydraulic registance of lense compensators S V Churskova, M P. Rhikina Energomashinostroenie 8 no 8:29-30 Ag '62

STEARIC ACID

Ways of formation of carbon dioxide in exidation of stearic acid multy) (ster R.I. Mitskeyich, V.A. Lashitshii, B.V Erofeev, Doki, AN BSSR 10 no. 10; 752-751 O *66.

Enamel contings of steel with high protective properties. L.D. Svirskii, A.D. Ponomarenko, Ukr. khim, zhur 32 no 12 1357-1360 '66

Viscoelastic and viscoplastic waves in a material with delayed yielding V A Kotharevskii PMTF no. 3-81-87 My-Je 162

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STEEL—ANALYSIS
Spectrophotometric ditermination of nickel, cobalt, and chromium in steels. Report No.1º Estimation of systematic errors arising at the expense of undetermined components. N. P. Koman', I. S. Falagina. Zhur, anal. Phim. A no. 11 1321-1332 [66].
Use of tributyl phosphate for extraction of microgram amounts of certum in the analysis of steels, IU.G. Eremin, V. V. Racyskaia, P. N. Romanov. Zhur, anal. khim. 21 no. 11 1303-1306 [66].

STEEL-BRITTLENESS

Effect of plastic deformation in the austenitic state on temper brittleness of rail steel. V.V. Diuzhinin, D. 1. Tarasko, IU. V. Grdina. 12v. vys. ucheb. 2av., chern met. 9 no 12:120-121 '66

STEEL-CORROSION

Anticomosive coalings in the chemical industry, 1.1. Markov, E. A. Protosavitskala. Mont. 1 spets. rab. v strot. 25 no. 10:13-16 O 163.

Effect of chlorine ions on the corrollon cracking of IXI8H9T austonitic steel. P. A. Akol'zin, L. V. Korneeva, Teploenergetika 8 no. 2:55-60 F '61,

Studying scale formation during metal heating in continuous furnaces of light-section and wire-rod mills, E.I Spivak and others. Stall 26 no. 12:1139-1144 D '66

Studying the effect of some inhibitors on the ultimate strength of steel subjected to corrosion in a hydro-carbon-electrolyte system. S A, Balezin and others, Zu tekh prog. 8 no. 12:33-36 D 466.

STEEL-ELECTROMETALLURGY

Effect of aluminum additions on properties of semikilled St 5ps steel. A, F, Dolgopolov, B.I. Panich. Izv. vys. ucheb zav. ,chera. met. 9 no. 12;38-43 '66.

STEEL-FATIGUE

Effect of the form of a stress cycle on the accumulation of fatigue damages. M. IA, Filstov, Priki, mekh. 2 no. 11:63-89 '66.

STEEL-HARDENING

High temperature thermomechanical treatment of rail steel. V.V Druzhinin, D 1 Tarasko, IU.V.Grdina. Lev.vys ucheb zav "chem met. 9 no. 12:115-119 566.

Romaniy, O.M., and H.I.Cherepanova. [Thermomechanical hai dening of steel] Termomekhanichne zmitenennta siali Kyiv, Naukova dumka, 1966. 218 p.

STEEL-HEAT TREATMENT

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Nonmetallic inclusions in aluminum-alloyed steel, / Percylarko and others, Irv. vys ucheb. /av .thern met, 9 no 12:61-66 %66.

STEEL-METALLOGRAPHY

Diffect of structure-free comentite on workability of cold-1 oiled mild sheet steel. Kuz, -shtam, protzy, \$ no. 12 ·15 · 18 D · 66

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Process of the formation of cytra-axial heterogeneity in ingots. A. A. Zhor ovskil, E. I. Raldnovich. 1 ucheb Av., chein met. 9 no. 12:14-49 66.

proporties of St. 3-type steel. N. F. Legetin and others. Stal. 26, no. 124134-1134. D. 166.

STEEL-METALLURGY

New developments in research. G. M. Kompasiett, M. I. Statoseletaku Stat' 28 no. 12 1899 D '66.

New method for the complex improvement of the machinability of steel castings, S. V. Lominskii. Dokl. AN PSR 6 no. 6 368-369 Je 162.

Using steel chips in steel smelting. N. A. Barinov and others. Lit proize on 12 6-7 D 568.

STEEL-QUENCHING

Speed of quenching and its influence upon structure and proper ties of St. 3-type steet. N. F. Legeida and others, Stat 26 no 12-1131-1134 D 466

STEEL-TESTING

Mathematical expression of impact toughness in low-enton steel depending on temperature of testing arsi-cation content. N.G. Bukhvostova, K.Y. Popov. Irv yys. ucheh, zav., chern. met. 9 no. 12:111-115 *56.

Went resistance changes in P18 steel under the effect of ultra ronk waves V, N, Chachta, A, 1, Skripatchen-ko, Dekl, AN BSSR 10 no 10:703-785 O 465

STEEL, EFFECT OF TEMPERATURE ON

heat resistance of accel and practical problems of its heating and cooling solved on this basis. S. G. Golesa-nov. Kuz. -shtam. proizv. O no. 12:35-40 D 66.

STEEL, HEAT RESISTANT-ELECTROMETALLUNGY Hardness of heat resistant steels at high temperatures depending on addition alloys and heat treatment. N.A. Bystrova, D. IA. Viehninkov, Trudy MATI no. 66:16-

STEEL, HEAT RESISTANT-TESTING Boron alloying of austentite steel and alloys for webtal structures. B. I. Medovar and others. Avtom. 6var. 19 no. 12-52-57 N [4, c. D] [66,

STEEL, STAINLESS-PICKLING see subdivision under Zanor ozb've

STEEL, STAINLESS-TESTING

Testing for hydrostatic bulging of certain stainless attels, F, I, Ruzanov. Kuz., -shtam, proizv. 8 no. 12:21-27 D

STEEL, STAINLESS-WELDING

Properties of welded joints in heat-resistant staintess steel, M. M. Shirlkman, Avtom, svar. 19 no. 1319 12 N (i.e.D) '66.

STEEL, STRUCTURAL

The expediency of using high-strength steel rolled proj-ucts in steel structural elements, V.I Labzesko, III.V Smirniagin, Prom. zdan, no 2·31-36 [6]

STEEL, STRUCTURAL—HEAT TREATMENT

Increasing structural steet strength by heat treatment. L. I. Gladshtein, D. A. Litvinenko, Kli Sh I cyinzen conf. 26 no. 12 1126-1131 D 166.

Extraction-photometric determination of nioblum in alloyed steels using sulforblorophonol S. S. B Savvin, P.N. Romanov, IU. G. Eremin. Zhur, anal. khim. 2t no 12 1423-1420 viii.

into iz 1423-1428 '105. Intoraction between an Al-Ph-Sn melt and cyclically deformed steet. M. I. Chniovs'kyi, V. F. Shatyas'kyi, D.p. AN URSR no 11 1456-1460 '162

STEEL CASTINGS

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STEEL CASTINGS (Continued)

Using mernal chills in the production of steel castings, P.F Vasileyskii, G.A. Kuznetsov Lit profess no 12 7-10 D '66

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STEEL CASTINGS-DEFECTS

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Effect of pressure on structure and properties of cost | 3khNT die steel | A A Ryzhilov, I D Sorokin | Lit profes no 1225, D 66

Effect of tare-carth elements on structure and properties of Khi6N25M2B5 steel. D.IA. Vishniakov. N.A. Bystrova, Tiud, MATI no.66,33-38 '66,

STEEL CASTINGS-THERMAL PROPERTIES

Increasing the cold resistance of sirel cartings IU A Shuffer, V V I unev, I P Volctok Lit protzy no no 12 35-36 D 466

STEE L INDUSTRY see subdivision under Chelyabinsk: Cherepovets (Vologda Province); Ziatoust (Chelyabinsk Province)

STEEL INDUSTRY-MAPS

Metals of our country; with a map. D. Popov. Agitato: 34 no. 1:21-27 Ja 167.

STEEL INDUSTRY-SCHEDULING

Organization of work according to the schedule in a metallurgical plant. 10 Bocharov, Sots.trud il no 12,77-80 D 166.

STEEL INDUSTRY-TECHNOLOGICAL INNOVATIONS Innovators in the sleet industry of the R.S F.S.R., 1959-1962. A M Katsva Ist SSSR 10 no.6/92-105 N-D 166

STEEL INCOTS-MODELS

Electrothermal modeling of the process of solidification and heating of thursed stocking at a souting pile, V. D. Maron and others. Lev. vys. scheb. 2av., chern. tact. 9 no 12 110-175 [66]

STEEL-NICKEL ALLOYS

Photometric determination of plobium in pickel-base alloyed steels and alloys, V F Malttery, E,N Pashchenko, N,P, Volkoya, Zhui anal khim 21 no, 10 1205-1209 tab.

STEEL PIPE see Pipe, Steel

Jan feed with pneumatic drive for strip material, V.S. Shorshov, E. P. Shabhaskii, A. M. Kuntsevich. [Nauch, trudy] ENIKMASha no 11 199-167 (66)

STEELWORKS see Iron and steel plants

STEERING GEAR

Determining the diameter of the rudder stock of Ice-breaters and ships sailing in ice-infested waters Bublishin Sudostreenie 28 no 12,13-15 D '62

Fifee liveness of auxiliary steering devices A. Vaell'ev. Rech honep 31 no 7,30-31 Jl '62.

STEL' MAKH, MYKHAILO PANASOVYCH, 1912-

In the creative laboratory of Mykhailo Stellmakh Ivan Semienchuk Soy (181-12 no. 4-148-156 Ap. 162

STEPMOTHERS

A mother or a stepmother? F. Kotiashova, Semila i slikoli 21 no. 12 47 D | 66.

The stepmother. A. Kharitonova, Semila i shkola 21 no. 11:12-14 N '66.

STEPPE FLORA see subdivision under Transbaikalia

STEREOCHEMISTRY

Stereochemistry and reactivity of unsaturated compounds. Part 2' Synthesis and reactivity of \(\gamma \)-aldehydo acids of \(\text{\Delta} \) = cyclohevene serios. G. P. Gugatova-Shemsakina, V. M. Andreev, S. A. Kazarian Zhur org khim 2 no 11:2085-2074 N '66.

Stereachemistry of hydrogenation and hydrogenalysis, E.I Klabunovskii Usp khim 35 no. 7:1294-1323 Jl 466.

STERILITY IN ANIMALS

Prophylavis of sterility in herd bulls A.M. Kuznetsov, Veterinariia 13 no. 1.83-04 Ja *87.

Studying the physical, chemical, and some pharmaco-logical properties of preparation KP. Report No. 1. E. I. Spirin Shor, nauch rab SibNIVI no 11-169-173 162

Use of program mare's serum and crythrocyte mass in sterility of cows. I L. I. Memchuk Veterinaria 43 no 1 79-80 Ja '67

STERILITY IN PLANTS

Development of lines maintaining evioplasmic male sterility in sugar beets. A. N. Lutkov, V. I. Kovalenko. Sel'khoz, biol. 1 no. 6:80 1-808 '68.

Effect of gamma 1) radiation at various periods of plant development N N Koshushko Short rad asp 1 mol, nauch soft VIR no 2 317-321 [61]

Studying the character of the cytoplasmic male sterility of corn and its use in hybridization T.S Chalyk Gen , set i sem buk no 1 92-1 30 '65

Sternization of anosthetic equipment. F. N. Kazantsev, E. D. Krasnoshchekova, S. M. Gaffatulhna - I kspor. khin nancat - 8 no 6-71-76 N-D -63.

STERLITAMAK-CHEMICAL PLANTS-DESIGN AND CONSTRUCTION

IAkupov, Kh. IA. [Proud occupation] Gordaia professila.
 Ufa. Bashdrskoe kuizhnee Izd-vo, 1963. 34 p. (Malaki promyshlennosti Bashkirfi)

STEROID HORMONES

Dim rit action of ACTB cortisons and prednians in patients with circulatory insufficiency V K Serkov Sov med 26 no 3:131-133 Mt '63 V K Serkoup

STEROID HORMONES—PHYSIOLOGICAL EFFECT

Effect of steroid hormones on biochemical and morphological changes in heart during expertmental myo-cardial infarct IIA, Usvatova and others Trudy 1-go MMI 43-42-53 *65.

STEROIDS

Chromatography of 3-ketosteroids in thin layer of sorbent, Report No. 2: Use of acid aluminum oxide. B. Kh. Ngu a. A. A. Chemerisekala. Zhur, anal, Film. 21 no. B 1375-1379 [66].

Effect of novecalne on the excretion of 17-ketosteroids in elderly per sons N. V. Svechnikova. N. V. Verzhitovsknaa, V. I. Bekker. Sov. med. 26 no. 3.114-116 M. [63].

Steroid compounds in the fungus Inoncius obliques, D. V. Lovlagina, A N Shiveina Blorhimila 27 no. 5;704-800 S-O '62,

Steroids, Report No. 20: Synthesis of steroido-/17, 164/ isocasoles 1.1. Klimova, N. N. Suvorov. Khim prirod, wood, no 5 325-333 166

Thin-layer chromatographic analysts of steroids on microplates coated with silica gel. 1.1. Zarctabala and others. Khim. prirod. socd no. 5 321-325 '66.

STILLBIRTH

Petrov-Masiakov, M.A., and I. I. Klimota. [Perinatal mortality] Perinatal nais smermost. [Leningrad] Meditsina, 1965. 217 p. (DNLM)

STOCHASTIC PROCESSES

Absolute continuity of measures, corresponding to Claussian processes, in linear transformations A.D., Shatashvili Trudy Vych, tsentra AN Graz SSR 3 241-

Akademila nauk Gruzinskol SSR. Institut kihornetiki.

[Problems in the analysis of operations] Voprosy Issuedovania operatisi. Tbilisi, Metaniereba, 1000. 117 p.

Average number of overshoots of a random process at the output of a receiving device. M. L. Dorman. Izv. vys. ucheb zav.; radiotekh. 0 no 6:742-750 N-D '66 Condition for correct interpolation of generalized uniform random field O. f. Ponomarenko. Dop AN URSR no II-1400-1402 '66

Determination of the interval of independent registration of random stationary process by comparison of the distribution functions of two-dimensional probability densities. N.A. Rubichev. Radiotekh i elektron. II no, 12 2220-2221 D '66.

Distribution of time interval probability between zeroes of a narrow-band normal random process A.M. of a narrow-pand normal random process of a Romanov, B. A. Sidorov. Radiotekh, i elektron, no. 12-2222-2226 D '86.

Extrapolation of one class of nonstationary random processes. V.B. Heorhievs'kyi, V.N Stepanenko Avtomatyka II no. 6 70-71 *86.

Some stochastic optimization techniques. IU.M. Ermo-liev, C.V Nekrylova. Kibernetika no. 6 96-98 N-D 466.

STOCK AND STOCKBREEDING

(see also subdivision under Bal-Talginskiy District; Estonia; Voronezh Province)

Problems in the physiology and pathology of reproduction in form animals. V.S. Shiptiov. Voterina: ita 43 no. 11:106-109 N 166

STOCK AND STOCKBREEDING-EQUIPMENT AND SUP-PLIES see subdivision under Estonia

STOCK AND STOCKBREEDING-MANAGEMENT (see also subdivision under Petrikov District)

Use of the two-shift system on a farm is good! L. Ermakova Sov. professivzy 22 no. 23.6 D 186

STOIKO, ANATOLII GEORGIEVICH, 1895-1968

In memory of A. G. Stoiko. Zhur, nect, i paikh, 67 no. 1-

Anatomy of the efferent lymphatic vessels of the stomach in the adult por son V.S Revozov Arkh anat right i ombr 41 no 3,19-27 Mr 63.

Study of the so-called absorbing function of the stomach under clinical conditions IA.S TSimmerman med 29 no 12:18-21 D '66

STOMACH—CANCER

Combined treatment of gastric cancer and breast cancer vith the use of radioactive gold V M Sitenko and others. Vop. onk. 12 no.12 10-13 '66.

Complications related to the use of a permanent catheter in operations on concer of the upper portion of the stomach and esophagus. L. G. Kharitonov, A. V. Bogdanov, A. Zh. Vemian, Khirurgita 42 no 11 36-38 N. 166.

Compound diagnosis of gastric cancer, A F Prista-zhnuk Klin onk no F201-208 165

Diectrophoretic examinations of denaturation processes of serum proteins in cancer of the stomach. Z.B. Notkina. Lab delo no.1:48-49 '67

Experimental basis and clinical use of a new method for performing esophogointestinal amostomosis. K. N. Thatsanidi Eksper Phit i anest 8 no 649-23 N-D

Malignization of gastric tileet, E.V. Loskutova, Trudy Inst im N.V. Sklif, 7 112-117 163

Methodology and roentgenodiagnostic methods in gash to cancer IU, N. Sokolov Vest rent itad 37 no 3.3-13 My-Je 462

Osseous metastases of stomach cancer; 4 observations, V. M. Medunetskaia, Vop. onk, 12 no. 12:58-37 '66, Pneumoper itoneum in the X-r by diagnosis of cancer of the upper parts of the stomach E.F. Pitsov, V. I.
Astaf'ev Vest rent i rad. 37 no 3:27-30 My-Je '62.

Resection of the stomach in cancer with direct anastomosis of the gastric stump and the dundenum IU.1. IUdaes Vop. onk. 9 no. 3:119-123 '63

Réentgenological data on the state of the digestive tract following total gasti ectomy for cancer A.C., Nadzincov, L. A. Ramazanova, Vop. onk. 9 no 3 74-83

Role of the atimentary factor in the development of precancerous discuses and gastric cancer chuk Klin, onk no. 1,24-27 '65. A. S. Shem-

Role of the parietography method in the diagnosis of gestric cancer V. B. Antonovich Vest rent. i rad 37 no 3:21-27 My-Je '62.

Some problems of the differential X-ray diagnosis of gastric cancer I A Shekhter Vest tent i rad (no 3:14-20 My-Je '52

Study of the antigens of atomach cancer in man by pre-cipitation in agaz. L. V. Shorshul'skaia Vop. onk. 9 no. 3:22-27 '63

Study of the karyotype of a monolayer culture of a human stomach cancer E. P. Uga lumov. M. T. TSoneva-Maneya. Biul ckep biol. 1 med 55 no. 5:03-96 My

Surgical treatment of gastric cancer M. A. Miagkti, Klm onk. no.169-72 '65

STOMACH-DISEASES

Diseases of the stomach following gastrectomy and their treatment, I, K, Pipia, R, N, Kumsiashvili, Trudy Inst im N V, Sklif 7 107-112 '63,

Discases of the stemach following gastrectomy for per-tic ulcer, M. E. Komakhdze, T. I. Akhmeteli Trudy Inst. im, N. V. Skili 7 81-37 163

Gostrio electrothormometry in the diagnosis of different stomach diseases Roport No 2 S. M. Guseinoza Azerb med zhur no 7:17-22 Jl 162

State of the stomach in patients with psociasis IU.I. Fishron-Ryss. V. K. Kalgin Vest dorm iven 37 no 3123-26 Mr '63

Use of small intestine in plastic surgery in the treatment of gastric diseases following gastrectomy E. I. Zakharov, Trudy Inst. im. N. V. Skiff. 7:117-123 #53.

STOMACII—INFLAMMATION
Problem of X-ray hyper diagnosis of chronic gastrics
V IA, Umu Trudy Novokuz GIDUVa 32:84-87 '65

STOMACH-RADIOGRAPHY

Postoperative pseudotumers of the stomach. P. V. Vissov. Vest. rent. t rad 37 no. 3(31-34 My-Je 62.

Radiation damage of stemach induced by radioactive certum G, A. Lebedeva Radiobiologuia 5 no 5 597-680 '66

STOMACH-SECRETIONS

Changes in conditioned rollex activity and gestric secre-tion following radiation sickness S. R. Perepelkin tion following radiation stekness S, Radiobiologica 6 no 6:851-859 '66.

Changes in the functional state of the stomach in diabetes mellitus under the effect of insulin treatment N.A. Kalinina, Sov. med, 20 no. 12-23-28 D '66.

Results of using insulin as a stimulant in examination of gastric secretion V A.A. abadzhian, Sov. med, 29 no 12:84-67 D '60

STATE FARMS-PRODUCTION STANDARDS

Sergeva, Z.V. [Workers' trade-union committee and ustablishing work norms on state farms] Rabochkom i normirovanie truda v sovkhozakh. [Moskva] Profizdat, 1966. 46 p. (Bibliotechka sel'skogo profsoluznogo aktivista, no. 20(68))

STATES, NEW-STATISTICS, VITAL

Notes on the demography and population policy of the developing countries. Stephen R. Dunn. Nat. Az. i. Afr. no 6 180-111 166

A toply to Stephen R Dunn A IA Kyasha, Nav Az i Atı no 6 181-183 '66

STATESMEN, ARGENTINE

People and events; Rojoifo Ohloldi, Nov.vieni, 25 no 4·21 Ja •67

STATES MEN, BARBADIAN

People and events. Errol W. Barrow; Roger Bonvin, Nov. vrem. 25 no 2:24, 27 Ja 167

STATESMEN, CUBAN
People and events: Katoly Csatorday, Ricardo Alarcon
de Quesada Nov.vrcm 25 no.8 25-27 I '67.

STATESMEN, HUNGARIAN

People and events | Karoly Csatorday; Ricardo Alarcon de Quesada | Nov viem. | 25 | no 8 25-27 | I | 467

STATESMEN, IRANIAN

People and events: Ardeshir Zahedi, Rachid Karame, Nov. vrcm. 25 no 310-21 Ja 167.

STATESMEN, LEBANESE

People and events Andeshir Zahedi, Rachid Karame, Nov vrem 25 no 310-21 Ja 467,

STATESMEN, SWISS

People and events: Errol W. Barrow; Roger Bonvin. Nov. vrem 25 no. 2 24, 27 Ja 167.

STATISTICAL COMMUNICATION THEORY

Significance of a statistical structure in single-determined response to signals of two types V. A. Bodi ov. A. A. Genkin, G. M. Zarakovskii, Vop. psikhol 12 no. 6: 77-86 N-D '66.

STATISTICAL WEATHER FORECASTING

Expediency of using synoptic classification for some synoptic-statistical forecasting schemes V 1, Knia-zeva, Trudy TSIP no 151,66-57 '66

Forecasting anomalies of mean air temperature for 5-day period using synoptic-statistical method M.N. Fedulova, Trudy TSIP no 154,62-65 '86

Method for forecasting anomalies of atmospheric temperature for 10-day period A. L. Kata, V. I Kniazeva. Trudy TSIP no 154 47-56 466

Middle-range weather forecasting for mounteinous countries as revealed by study made in vestorn Georgia.

D. A. Midmaradze Meteor 1 gidnol no 12 36-40 D '66.

STATISTICS

Indices of the gross product of the world. P. Bagrii. Vest stat. no.12 30-33 '66

Mean error of fraction of variant in alternative distri-bution P.V Popov Khim v sel' khoz 4 no 12 65-66 D '66

STAVROPOL—LIBRARIES AND READERS

How we serve the readers of foreign literature. A. A. Khazanova Opytrab bibliot s inostrilit no 1 72-80

STAVROPOL TERRITORY—AGRICULTURAL CREDIT

Practice in direct credit 1. Zavalishin, Den i kred. 24 по. 12,30-35 Д 166

STAVROPOL TERRITORY—AGRICULTURAL WORKERS

The truth of Uncle 1Akhlia, E. Losey. Agitator 34 no, 24 32-34 D 466

STAVROPOL TERRITORY—COLLECTIVE FARMS—FINANCE

Practice in direct credit, 1. Zavalishin, Den. i kred. 24 no 12-30-35 D '86.

STAVROPOL TERRITORY-OIL WELL CASING

Causes of failure of casing in high-temperature wells of Stavropol Territory, V.P Banatov, A.D. Krasiuk, V.S. Suvorov Burenie no 12,20-24 '66,

STEAM---THERMODYNAMICS

Thermophysical characteristics of water and steam on the saturation line (according to temperatures) Energo-mashinosti cenie 8 no 8:47 Ag '62

STEAM BOILERS see Boilers

STEAM BOILERS, MARINE see Boilers, Marine

STEAM ENGINEERING

Automatic regulation of steam pressure and temperature P.P. Patrushev, B. N. Sokolov. Burn prom. 37 no. 4-21-23 Ap 462

STEAM POWER PLANTS

Khasman, P. IA, [Fundamentals of heat engineering and power systems] Osnovy teplotekhniki i silovye ustanov-ki. Moskva, Lesnala promyshlennost', 1966. 319 p.

STEAM TURRINES

Analytical method for determining economically optimum characteristics of the condensing units of turbine systems D M Budnistskii Energomashnostroenie 6 no B 22-26 Ag 162

Changes in the amplitude-phase characteristics of the control system of steam turbines in case of the distin-bance of dynamic autonomy criteria. I.I. Kirillov. Teploenergetika 8 no 2-14-20 F ¹⁶1.

Deformation of steam turbine rotors I M. Stepanov Energomashinostrocate 8 no 8 31-32 Ag '62

Determination of economical characteristics of holler-turbing block using digital computers. E & Lohania, Trudy VIIIE no 22 129-145 '65

Dynamic structure of a high-temperature gas-vapor block operating according to the TsKTI-LPI system S. A. Kantor and others. Lev vvs. ucheb ziv., energ. 9. no 11 37-43. N. 466

STEAM TURBINES-DESIGN AND CONSTRUCTION see subdivision under Lening; ad

STEAM TURBINES-TESTING

Determination of the internal efficiency of the regulatory stage and separate compartments of a turbine under field conditions PS, Arkhipov Energomashinostroenie 8 no 8·38 Ag ¹62

(see also subdivision under Great Britain)

Smantser, A.I. [Overall automation of the power plants of river steamborts] Kompleksnata avtomativatsila sllovykh uslanovok technykh parokhodov. Moskva, Transport, 1966, 144 p.

Effect of throttling of live steam in steampipes on optimal distribution of loads N P Virkovskii, A, N, Gerasimovich Lev vys ucheb zav., energ 9 no ll 14-51 N 166

Selection of material for condensor lubes with freshwater cooling L.D. Berman, E.S. Ginzburg, Elek sta. 37 no. 11:23-30 N 166,

Value of the coefficients of hydraulic resistance of lense componentors S. V Churakova, M. P IUrkina Energomeshinostroenie 8 no 8:29-30 Ag '62

STEARIC ACID.

Ways of formation of carbon dioxide in oxidation of Stoale acid methyl ester. N. I. Mitskevich, V. A. Lashitskii, B. V. Profeev. Doki, AN BSSR 10 no. 10; 752-754 O '66.

Enamel contings of steel with high pratective properties. L.D. Svirsett, A.D. Panomarenko. Ukr khim, zhur, 32 no 12:1357-1360 '66

Viscoelastic and viscoplastic waves in a material with delayed yielding V A Kotliarevskii PMTF no. 3' 81-87 My-Je '62,

STECL—ANALYSIS

STELL—ANALYSIS
Spectrophotometric determination of nicket, cobalt, and chromium in steels. Report No.1 Estimation of ayatematic errors arising at the expense of undetermined components. N.P. Koman J. L.S., Palagina. Zhun, anal, khim. 21 no. Ni.1324-1332 466.
Use of tributly phosphates for extraction of microgram amounts of cerium in the analysis of steels, IU.G. Eremin, V.V. Raewskaia, P. N. Romanov. Zhun, anal, khum. 21 no. il 1303-1306 466.

STEEL—BRITTLENESS

Effect of plastic deformation in the austenitic state on temper brittleness of tail steel. V. V. Druzhinin, D. I. Tarasko, IU. V. Grdina. Izv. vys. ucheb. / av., chem. met. 9 mg. 12:120-121 '86.

STEEL-CORROSION

Anticorresive coatings in the chemical industry, 1.1. Markov, E. A. Protesavitskeia, Mont. I speis, rab. v stroi. 25 no. 10:13-16 O '93,

Effect of chlorine ions on the corrosion cracking of IXISHOT austenitic steel. P. A. Akol'zin, L. V. Korneeva, Teploenergeilka 8 no. 2:55-60 F '61,

Studying scale formation during metal heating in continuous furnaces of light-section and wire-rod mills E. I. Spivak and others Stall 26 no. 12 1139-1144 D '66

Studying the effect of some inhibitors on the ultimate strength of steel subjected to corrosion in a hydrocarbon-electrolyte system. S A. Balezin and others. Za tekh.prog. 6 no.12-33-36 D 466.

STEEL-ELECTROMETALLURGY

Effect of aluminum additions on properties of semikilled St. Sps steet. A. F. Dolgopolov, B. I. Panich, Izv. vys. ucheb. zav. ,chern. met. 9 no. 12;38-43 166,

STEEL-FATIGUE

Effect of the form of a stress cycle on the accumulation of fatigue damages. M.IA. Filatov. Prikl, mekh. 2 no. II:83-89 '66.

STEEL-HARDENING

High temperature thermomechanical treatment of rall steel. V.V.Diuzhinin, D.I.Tarasko, IU V Grdina Izv.vys ucheb zav "chem.met 9 no. 12.116-119 166,

Romanity, O.M., and H.I.Cherepanova. [Thermonic clanical hardening of steel] Termonickhanichne zmilenciniistali. Kylv, Naukova dumka, 1966—218 p

STEEL-HEAT TREATMENT

New developments in research G. M. Kompanicis, M. J. Staroseletskii Stall 25 no 12 1137-1138 D. 105

STEEL-INCLUSIONS

Nonmetallic inclusions in aluminum-alloyed sicel. A.T. Pereviarko and others. Izv. vys uchob. zav., chern. met 9 no. 12:61-65 366.

STEEL-METALLOGRAPHY

Diffect of structure-free comentite on workshilling of cold-rolled mild sheet steel. Kuz, -shtam, profess. 8 по. 12:15-18 В '66.

kinetics of austenite transformation during continuous cooling, I.N Aleksandtov, N.B. Malykhanova, Ir vys.ucheb. av ,chein.met. 9 no. 12:106-110 *66

Process of the formation of extra-a stal heterogeneity in ingote A, A, Phorovakii, E, I Rabinovich Izv vys, ucheb zav, , chein met 9 no 19:14-19 *66

Speed of quenching and its influence upon structure and properties of St. 3-type steel. N.P. Legalda and ethers. Stalt 26 no 12 H31-H34 D '66.

STEEL-METALLURGY

New developments in research G. M. Kompaniets, M. I Staroseletskii Stal' 26 no 17:1008 D '68

New method for the complex improvement of the machinability of steel castings, S.V. Lominskif. Dokt. AN 128R 6 no 0 366-369 fe '62

Using steel chips in steel smelting. N. A. Harines and others. Lit. protzy no 12 6-7 D 466

STEEL-QUENCHING

Speed of queaching and its influence upon structure and properties of St, 7-t, pe steet. N.P. Legatida and others Stall 26 no 12 1131-1134 D '46

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Wear resistance changes in PIS sicel under the effect of ultrasonic waves V. N. Chachin, A. 1 Skiljadelin-ko Doki, AN BSSR 10 no 10:783-785 () 186

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STEEL, HEAT RESISTANT-ELECTROMETALLURGY Hardness of heat replatant steels at high temperatures depending on addition alloys and heat treatment. N.A. Bystrova, D. IA. Vishninkov, Trudy MATI no. 66,15-

STEEL, HEAT RESISTANT-TESTING

Boron alloying of austentitic steel and alloys for welled structures. B. f. Medovar and others. Avtom. av n. 19 no. 12;52-57 N [1, e. D] [66].

STEEL, STAINLESS-PICKLING ace subdivision under Zaporozh've

STEEL, STAINLESS-TESTING

Testing for hydrostatic bulging of certain stainless steels, F. I. Ruzanov. Kuz, -shtam, proizv. 0 no. 12:21 24 D

STECL, STAINLESS-WELDING

Properties of welded joints in heat-resistant stabless steel, M. M. Shirikman, Avton, svar. 10 no.120-12 N [i.e. D] '66.

STEEL, STRUCTURAL

The expediency of using high-strength steel rolled want uets in steel structural elements, V i Labzenko, IU.V Smirnlagin, Prom. zdan, no 2;31-35 [6]

STEEL, STRUCTURAL—HEAT TREATMENT

Increasing structural steel strength by heat treatment L. I. Gladshtein, D. A. Litvinenko, Kh. Sh. Levinzan Staff 26, no. 12-1126-1131. D. 166

STEEL ALLOYS

Extraction-photometric determination of nichium in alloyed steels using sulfothlorophenoi S. S.B.Sawle, P.N Romanov, IU.G. Eremin. Zhur anal, khim. 21

no. 12,1423-1426 166.
Interaction between an Al-Ph-Sn melt and cyclically deformed steel. M.I. Chaievs'kyl, V.F. Shaiyns'kyl, D. A. AN URSR no. 11:1450-1460 162

STEEL CASTINGS

Techniques for custing pole flanges B. E. Dul'isn 1 it proize no 11:43 N '63.

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Using internal chils in the production of steel castings, PF Wasilevskii, GA kuznetsov Lit prozv no 12 7-10 D (6b

STEEL CASTINGS-COOLING

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Interaction of steel with the mold in precision costing,
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STEEL CASTINGS-STANDARDS

New All-Union State Standard for steel casting V I Berlin, B V Zakhniov Lit profes no 12 39-10 D '66

Plans of the All-Union State Standard for steel castings, 10. A Exerciator and others Lit proize, no. 12 37-39 D 366.

STEEL CASTINGS-TESTING

Effect of pressure on structure and properties of east SKNNT due steel. A.A Rychikov, L D Solokin Lit progress no 12 °C D 466

Effect of rare-carth elements on structure and proporties of Knisn25M2B5 steel. D. IA. Vishniakov. N. A. Bystrova. Trudy MATI no. 60:33-38 '66.

STEEL CASTINGS-THERMAL PROPERTIES

Microssing the cold resistance of steel castings. IU A Shuffte, V V Luney, L P Volchok Lit profess no no 12 35-36 D 466

STEEL INDUSTRY see subdivision under Chelyabinsk, Cherepovets (Vologda Province); Ziatoust (Chelyabinsk Province)

STEEL INDUSTRY-MAPS

Metals of our country; with a map, D. Popov. Agitator 34 no. 1.21-27 Ja 167

STEEL INDUSTRY-SCHEDULING

Organization of work according to the schedule in a metallurgical plant IU Rocharov Sots trud II no.12:77-80 D 165.

STEEL INDUSTRY-TECHNOLOGICAL INNOVATIONS Innovators in the steel industry of the R. S. F. S. R., 1958-1962 A M Katsva Ist SSSR 10 no 6 92-105 N-D 466,

STEEL INGOTS-MODELS

Electrothermal modeling of the process of solidification and heating of timined steel ingots in soaking pits, V, D, Maron and others, Izv., vys. ucheb, zav., chern mart. 9 no, 12 149-195 166

STEEL-NICKEL ALLOYS

Photometric determination of nichtum in nickel-base alloyed steels and alloys, V F Mallisev, E, N, Pashch-cuko, N, P, Volkova, Zhun anal khim 21 no. 10 1205-1209 166.

STEEL PIPE see Pipe, Steel

STEEL STRIP

Jaw feed with paramatic drive for strip material, V.S. Shill shov, E.P. Shabbaskii, A.M. Kuntsevich [Nauch trudy] ENIKMASha no 11 159-167 '66

STEELWORKS see Iron and steel plants

STEERING GEAR

Determining the diameter of the rudder stock of ice-breakers and ships sailing in ice-infested waters. A A Bublakin Sudostroenic 28 no 1243-15 D '62

Fifectiveness of auxiliary steering devices. A. Vasillev. Reth transp 21 no 7 30-31 JL 162

STELIMAKH, MYKHAILO PANASOVYCH, 1912-

In the creative laboratory of Mykhailo Stellmakh, Ivan Sementiada Sov Uki. 12 no 4 148-156 Ap 162,

STEPMOTHERS

A mother or a stepmother? F. Kotlashova. Semi is i shikuta 21 no 12 47 D 186.

The stepmother, A. Kharitonova, Sem'ia i shkola 21 no, lli12-11 N '66,

STEPPE FLORA see subdivision under Transbalkalia

STEREOCHEMISTRY

Fig. 12. Synthesis and reactivity of unsaturated compounds, Part 2. Synthesis and reactivity of γ-aldehydo acids of Δ3. cyclohe-ene series G. P. Gugatova-Shemiakina, V. M. Andi cov. S. A. Kazarran, Zhur, org khim 2 no 14:2065-2071 N 165.

Storeochemistry of hydrogenation and hydrogenolysis. E.I. Klabunovskii, Usp khim. 35 no. 7:1294-1323 Jl

STERILITY IN ANIMALS

Prophylavis of sterility in hard bulls, A. M. Kuznetsov. Votermariia 43 no. 1955-04 Ja 167.

Studying the physical, chemical, and some pharmaco-logical properties of preparation KF Report No. 1 E. 1. Spirin. Shot, nauch, rab. SibNiVI no. 11:168-173 162.

Use of pregnant maile's serum and engineevie mass in stending of rows I L lAkimchuk Veterinarita 43 no 179-80 Ja '67

STERILITY IN PLANTS

Development of lines maintaining cytoplasmic male sterility in augar bucts. A. N. Lukov. V. I. Kovalenko, Sel'thoz, biol. 1 no 6,804-808 '66.

Seri-noz. mo., 1 no e. 801-808 '68.

Effect of gamma irradiation at various periods of plant development. N K Koshushko. Shor trad asp 1 mol, nauch soft VIR no 2 317-321 '61.

Studying the character of the cytoplasmic male sterility of corn and its use in hybridization. T.S. Chalek.

Gen., sci. 1 sero kuk. no 1:92-139 '65.

STERILIZATION

Sterilization of anesthetic equipment. F. N. Kazantsev. E. F. Krasnoshcholova. S. M. Gaffatullina – Lksper Phit. i anest. 8 no 6*74-76 N-D '63

STERLITAMAK-CHEMICAL PLANTS-DESIGN AND CONSTRUCTION

IAkupov, Kh. IA. [Proud occupation] Gordaia professifa. Ufa, Bashkirskoe knizhnoe izd-vo, 1963. 34 p. (Mataki promyshlennosti Bashkirii)

STEROID HORMONES

Dimetic action of ACTH, cortisons and prednisons in patients with an culatory insufficiency V K Serbov Sov med 26 no 3:131-133 Vh '63

STEROID HORMONES-PHYSIOLOGICAL EFFECT

Effect of steroid hormones on biochemical and morphological changes in heart during experimental myo-cardial infarct [IA, Usystova and others Trudy 1-go MMI 43 42-53 '65.

STEROIDS

Chromatography of 3-ketosteroids in thin layer of sorbent.
Report No. 2: Use of acid aluminum oxide. B. Kh.
Nguen, A. A. Chemerisakala Zhur, anal khim. 21
no. B 1375-1379 168.

no. II: 335-1379 166, Effect of novocaine on the excretion of 17-ketostoroids in elderly persons N V. Swechnikova. N V Verzhikovsk-ala, V. I Bekker Sov med 2f no 3:114-116 Mr 163

Steroid compounds in the fungus Inonotus obliquus, F, V, Lovlagina, A N Shivrina, Blockfimita 27 no. 51794-800 S-O 162,

Steroids, Report No. 26: Synthesis of Steroido-/17, 16d/ isoxacoles, I., I. Klimova, N. N. Suvorov Khim, prinod-socit, no 5-325-333 fee

Thin-layer chromatographic analysis of steroids on microplates costed with silica gel. I I Zaretskala and others. Khim prirod, seed, no 5 321-325 168.

STILLBIRTH

Petrov-Masiakov, M.A., and I.I.Klimeis. [Perinatal mortality] Perinatal'naia smertnost'. [Leningrad] Meditsina, 1965. 217 p. (DNLM)

STOCHASTIC PROCESSES

Absolute continuity of measures, corresponding to Gaussian processes, in linear transformations. A.D. Shatashvili Trudy Vych tsenira AN Graz SSR 3 241-

Akademila nauk Gruzinskoj SSR. Institui kibernetiki. Problems in the analysis of operations Voprosy issla-dovanija operatsii. Tbilisi, Metsniereka, 1986. 117 p.

Average number of overshoots of a random process at the output of a receiving device M. I. Dorman 1/v vys ucheb zav , radiotekh. 9 no 6:712-750 N-D '66 Condition for correct interpolation of generalized uniform random field. O. J. Ponomarenko. Dop AN URSR no. 11: 1400-1402 '66

Determination of the interval of independent registration of andom stationary process by comparison of the distribution functions of two-dimensional probability densities, N.A. Rubichev, Radiotekh, i clektron. Il no 12,2220-2221 D '66,

Distribution of time interval probability between zeroes Romanov, B. A. Sidorov, Radiotekh, i elektron. no 12:2222-2226 D | 66.

Extraoplation of one class of nonstationary random processes V. B. Heorhievs'kyi, V. N. Stepanenko Avtomatyka II no. 8:70-71 166,

Some stochastic optimization techniques. 10, M. Ermo-llev, E.V Nekrylova, Kibernetika no 6 96-98 N-D '66.

STOCK AND STOCKBREEDING

(see also subdivision under Bat-Taiginskiy District; Estonia, Voronezh Province)

Problems in the physiology and pathology of reproduction in farm animate. V.S. Shipilov. Veterinarila 43 no 11:106-109 N **166.

STOCK AND STOCKBREEDING-EQUIPMENT AND SUP-PLIES see subdivision under Estonia

STOCK AND STOCKBREEDING—MANAGEMENT (see also subdivision under Petrikov District)

Use of the two-shift system on a farm is good| L. Ermakova Sov profesiuzy 2? no. 23,6 D *66.

STOIKO, ANATOLII GEORGIEVICH, 1895-1986

In memory of A. G Stolko. Zhur, neer, 1 palkh, 67 no. 1-156 167.

STOMACII

Anatomy of the efferent lymphatic vessels of the stomach in the adult poison V 5 Revazov Aikh anat., glbt 1 embr 44 no 3:19-27 Mi ¹⁶³

Study of the se-called absorbing function of the atomach under chinical conditions. IA S. TSimmerman, Sov-med, 29 no 12 18-71 D 166

STOMACH-CANCER

Combined treatment of gastric cancer and breast cancer with the use of radioactive gold. V. M. Sitento and others. Vop.onk, 12 no.12 10-13 466.

Complications related to the use of a permanent catheter in operations on cancer of the upper portion of the stomach and esophagus—L. G. Kharitonov, A. V. Bogdanov, A. Zh. Vemion—Khirungila, 12, no. 11, 36-38.
N. 166

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Flectrophoretic examinations of denaturation processes of serum proteins in cancer of the stonach Z.B. Notking. Lab.dolo no 1:18-49 '67.

Experimental basis and clinical use of a new method for per for ming esophagomiestinal anastomosis K. N. TSatsanidi Ekspa Phu i mest # no 6,10-23 N-D

Malignization of gastric ulcer, E.V Loskutova, Trudy Inst un N.V.Skiif, 7 112-117 163.

Methodology and configuration methods in gastric concer III, N. Sokolov Vest rent i rad 37 no 3/3concer III. N. 13 My J. '62

Obscora metasiases of stomach cancer, I observations, V. M. Medanetskaia. Vop onk, 12 no. 12 55-57 166. Preumoper Romen in the X-ray diagnosis of cancer of the upper parts of the stomach 1.1 Fitzov, V. L. Astaf'ev Vest tent 1 rad 37 no. 3 27-30 My-Je 162.

Resection of the stomach in cancer with direct anastamosis of the gastric stump and the duodenum. IU I. Illdaev. Vop. onk. 8 no 3-119-123 163

Boentgenological data on the state of the digestive tract following total gastrectomy for cencer: A. G. Nadzharov, L. A. Ramazanova Vop. onk. 0 no. 3-74-63 163

Role of the alimentary factor in the development of precancerous diseases and gastric cancer A. 5. Shem-chak, Klin onk, no. 1:24-27 '65,

Role of the partetography method in the diagnosis of gasti te cameer V. B. Antonovich Vest. rent 1 rad. 37 no 3 21-27 My-Je '62.

Some problems of the differential X-ray diagnosis of gastric caucer I. A. Shelchter Vest rent trad 37 no 3:14-20 My-Je '62

Study of the antigens of stomach cancer in man by pre-cipitation in agar, 1. V. Shershullskaia. Vop onk. 9 no. 3:22-27 '03.

Study of the karystype of a monolayer culture of a luman atomach cancer—P. P. Ugrlumov, M. T. TSoneyar Maneya—Bhil okup blol i med 55 no. 5:93-96 My

Surgical treatment of gastic cineer, M. A. Miagkii Klin onk no. 1:58-72-165,

STOMACH---DISEASES

Discases of the stomach following gastrectomy and their treatment. I.K. Pipia, R. N. Kumsiashvill. Trudy Inst. im, N. V. Sklif. 7 107-112 163.

Discases of the stomach following gastrectomy for per-tic ulcer, M.T. Komakhdze, T.I.Akhmetoli Trudy Inst. im N.V. Skiif. 7 81-37 163

Castric electrothermometry in the diagnosis of different stomach diseases Roport No 2 S M Guseinova Azerb, med zhar no 7:17-22 Jl '62

Stale of the stomach in patients with proclasis IU.1. Fishzon-Ryss. V. K. Kalgin Vest derm i ven. 37 no 3:23-26 Mt ¹⁶³

Use of small intestine in plastic surgery in the treatment of gastric diseases following gastrectomy. E. I. Zakharov, Trudy Inst. im. N. V Sklif. 7.117-123 '53.

STOMACH-INFLAMMATION

Problem of X - 1 ay hyper diagnosis of the onic guatrites.
V. 1A Umm. Trudy Novokuz GiDUVa 33-84-87 65

STOMACH-RADIOGRAPHY

Postoporative pseudotumors of the stomach P. V. Vlasav Vest. vent. i rod 37 no 3:31-34 My-Je '62.

Radiation damage of stomach induced by radioactive certum G. A Lebedeva Radiobiologija 8 no. 5:697-609 '66

STOMACH-SECRETIONS

Changes in conditioned reflex activity and gastric sectoration following radiation stekness S. R. Peropolitic. Radiobiologita 6 no 6:851-850 '66

Changes in the functional state of the stomach in dialectes mellitus under the effect of insulin treatment, N.A. Kalinina, Sov.med. 29 no. 12 22-26 D '66.

Results of using insulin as a stimulant in examination of gastric secretion, V. A Arubadzhian, Sov. mcd. 29 no 12:84-87 D '66

STATE FARMS-PRODUCTION STANDARDS

Screeva, Z.V. [Workers' trade-union committee and establishing work norms on state farms] Rabochkom i normirovanie truda v sovéhozakh. [Moskva] Profizdat, 1966. 46 p. (Bibliotechka sel'skogo profsoluznogo aktivista, no. 20(68))

STATES, NEW-STATISTICS, VITAL

Notes on the demography and population policy of the developing countries Stephen R Dunn. Nat. A. 1 Aft. no 6 180-181 166

A reply to Stephen R Dunn, A IA, Kvasha, Nar, Az, i Atı no, 6:181-183 '66

STATESMEN, ARGENTINE

People and events. Rodolfo Ghioldi. Nov. vrem. 25

STATESMEN, BARBADIAN

People and events: Errol W. Barrow; Roger Bonvin. Nov. viem 25 no 2 24, 27 Ja 467.

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STATESMEN, LEBANESE

People and events Ardeshir Zahedi; Rachid Karame Nov viem. 25 no. 3 10-21 Ja 467.

STATESMEN, SWISS

People and events. Errol W. Barrow; Roger Bonvin. Nov. vrem. 25 no. 2,24, 27 Ja 167.

STATISTICAL COMMUNICATION THEORY

Significance of a statistical structure in single-determined response to signals of two types, V. A. Bodrov, A. A. Genkin, G. M. Zarakovskii, Vop. psikhol, 12 no. 6. 77-86 N-D '66.

STATISTICAL WEATHER FORECASTING

Expediency of using synoptic classification for some synoptic statistical forecasting schemes VII Kma-zeva Trudy TSIP no 151 56-67 166

Forecasting anomalies of mean air temperature for 5day period using synoptic-statistical method M N. Fedulova Trudy TSIP no 154,62-65 '66

Method for forecasting anomalies of atmospheric temporature for 10-day period A. L. Kats. V. 1 Kniszeva Trudy TSIP no.154 47-56 '88

Middle-range weather forecasting for mountainous counties as revealed by study made in western Georgia D A Midma adve. Meteor 1 gldhol. no. 12 36-40 D '66.

STATISTICS

Indices of the gross product of the world. P. Bagria Vest, stat no. 12 30-33 166

Mean arror of fraction of variant in alternative distri-bution P V Popov Khim, v solt khoz 1 no 12:65-65 D *66 statistics should contribute to the solution of new problems A, Bolarskii, E, IAsin, Kommunist 43 no 2 56-64

STAVROPOL-LIBRARIES AND READERS

How we serve the readers of foreign literature. A. A. Khazanova Opytrab habitot s inostr lit no 4 72-80

STAVROPOL TERRITORY—AGRICULTURAL CREDIT

Practice in direct credit, I. Zavallshim, Den. i kied 24 no. 12 30-35 D 166.

STAVROPOL TERRITORY-AGRICULTURAL WORKERS

The truth of Uncle IAkhila. E. Losev. Agitator 34 no. 24:32-34 D *68

STAVROPOL TERRITORY-COLLECTIVE FARMS-FINANCE

Practice in direct credit 1, Zavalishin, Den. 1 kred, 24 no. 12:30-35 D 166,

STAVROPOL TERRITORY-OIL WELL CASING

Causes of failure of casing in high-temperature wells of Stavropol Territory, V.P.Banatov, A.D.Krasiuk, V.S. Suvorov. Burenie no.12 20-24 '66.

STEAM-THERMODYNAMICS

Thermophysical characteristics of water and steam on the saturation line (according to temperatures) Energo-mashinostroenie 6 no 8:47 Ag '82

STEAM BOILERS see Boilers

STEAM BOILERS, MARINE see Boilers, Marine

STEAM ENGINEERING

Automatic regulation of steam pressure and temperature, P. P. Patrushev, B. N. Sokolov Bum prom. 37 no. 4 21-23 Ap 152

STEAM POWER PLANTS

Khasman, P. IA. [Fundamentals of heat engineering and power systems] Osnovy teplotekiniki i silovye ustanov-ki, Moskva, Lesnaia promyshlemost', 1966, 319 p.

STEAM TURBINES

Analytical method for determining economically optimum characteristics of the condensing units of turbine systems D M Budnistskii Energomashinostroenie 8 no 8-22-26 Ag '62

Changes in the amplitude-phase characteristics of the centrol system of steam turbines in case of the distur-bance of dynamic autonomy criteria. I. I. Kirillov. Teploenergetika 8 no. 2:11-20 F '61.

Deformation of steam turbine rotors I M Stephnov Facigomashinostroenie 8 10 8 31-32 Ag 162

Determination of economical characteristics of holler-turbine block using digital computers. E k I olhanin Trudy VNHE no 22 129-145 '65

Dynamic structure of a high-temperature grs-vapor block operating according to the TskTI-LPI system S A Kantor and others—17v vys ucheb zav , energ, 9 no. 11 37-43 N 166.

STEAM TURBINES-DESIGN AND CONSTRUCTION see subdivision under Leningrac

STEAM TURBINES-TESTING

Determination of the internal efficiency of the regulatory stage and separate compartments of a turbine under field conditions PS At khipov Energomashinostroenic 8 no 6,38 Ag '62.

STEA MBOATS

(see also subdivision under Great Britain)

Smantser, A.1. [Overall automation of the power plants of river steambouts] Kompleksnaia avtomatizatsiia silovykh ustanovek rechnykh parokhodov. Moskva, Transport, 1966, 144 p.

STEAMPIPES

Effect of throttling of live steam in steampines on optimal distribution of loads N P Virkovskii, A N, Grastmovich Izv vys ucheb. zav , energ 9 no ll 14-5) N '60

Selection of material for condenser lubes with freshwater cooling. L.D. Berman, D.S. Ginzburg. Elek. sta. 37 no. 11;23-30 N 166.

Value of the coefficients of hydraulic resistance of lense compensators S. V. Churakova, M. P. IUrkina Unorgomashmostroenie 8 no 8:29-30 Ag '62

STEARIC ACID

Whys of formation of carbon dioxide in oxidation of stearic acid methyl ester N.I. Mitskevich, V.A. Lashutskii, B.V Drofeev, Dokl. AN BSSR 10 no. 10: 732-751 O 468.

Enamel coatings of steel with high protective properties. 1.D. Svirskill, A.D. Ponomarenko, Uki khim, zhui 3º no. 12:1357-1360 '66

Viscoelastic and viscoplastic waves in a material with delayed yielding V, A Kotliatevskii, PMTF no. 3: 81-87 My-Je 162.

STEEL-ANALYSIS

Spectrophotometric determination of nickel, cobalt, and chromium in steels. Report No. I. Estimation of sys-tematic errors arising at the expense of undetermined components. N. P. Komari, L. S., Palagina, Zhur, anal, khim, 21 no. 11.1324-1332 166.

Ritim, 21 no. 11.324-1332 no. Us. of tributty phosphates for extraction of microgram amounts of certain in the analysis of steels. IU. G. Eremin, V. V. Raevskala, P. N. Romanov. Zhur, anal, khim. 21 no. 11.303-1306 doi.

STEEL-BRITTLENESS

Effect of plastic deformation in the austenitic state on temper brittleness of rail steel. V.V.Druzhluin, D.I. Tarasko, IU.V.Grdina, Izv.vys.ucheb.zav.,chem met. 9 no. 12:120-121 '66.

STEEL-CORROSION

Anticorrosive coatings in the chemical industry, 1.1, Markov, E. A. Protosavitskaia, Mont, i spets, rab, v stroi. 25 no. 10:13-16 O 163,

Effect of chlorine ions on the corrosion cracking of IXI8H9T austenitic steel, P. A. Akol'zin, L. V. Korneeva, Teploenergetika 8 no. 2:55-60 F '61,

Studying scale formation during motal heating in continuous furnaces of light-section and wire-rod mills. E.I. Spivak and others. Stat' 26 no. 12 1139-1114 D '66

Studying the effect of some inhibitors on the ultimate strength of steel subjected to corresion in a hydrocarbon-electrolyte system. S. A. Balezin and others, Zatekh, prog 8 no. 12:33-36 D *66.

STEEL-ELECTROMETALLURGY

Effect of aluminum additions on properties of semikilled St. 5ps steef. A. F. Dolgopolov, B. I. Panich, Izv. vys. ucheb zav. johera, met. 9 no 12:38-43 166,

-FATIGUE

Effect of the form of a stress cycle on the accumulation of fatigue damages, M. IA, Filatov. Priki, mekh. 2 no. 1883-89 *68.

STEEL-HARDENING

High temperature thermomechanical treatment of rail steet V V, Druzhinin, D. I. Tarasko, IU. V Grdfia, Izv. vys ucheb zav "chern met 8 no 12:116-119 %6,

Romaniv, O.M., and H.I.Cherepanova. [Thermomechanical hardening of steel] Termomekhanichne zmitsnennia stali Kyiv, Naukova dumka, 1966 218 p

STEEL-HEAT TREATMENT

New developments in research G. M. Kompaniets, M 1 Statoseletskii Stall 26 no 12 1137-1138 D 166

STEEL-INCLUSIONS

Nonmetallic inclusions in aluminum-alloyed steel, A.T. Pereviazko and others, Izv.vys ucheb zav., chera, met 9 no 12,61-66 '66,

STEEL-METALLOGRAPHY

Effect of structure-free comentite on workshillty of cold-rolled mild sheet steel. Kuz. - shtam. proizv. 3 no. 12 15 - 18 D '66

Kinetics of austenite transformation during continuous cooling. L. N. Aleksondrov, N. B. Malythanova. 12v. vys ucheh zav. chern. met 0 no 12 106-110 166.

Process of the formation of extra-axial heterogeneity in ingots, A. A. Zhorovskii, E. I Rabinovich, 178, 195 ucheb, 724, cheru, met 9 no. 12;14-49 166,

Speed of quenching and its influence upon structure and properties of St 3-type steet N.F. Legelda and others. Stal' 26 no 12 H31-H34 D '66.

STEEL-METALLURGY

New developments in research G. M. Kompanicis, M. I Statoseletskii Stal' 26 no 12 1099 D '86,

New method for the complex improvement of the machine. bility of steel castings, S. V. Lominskii, Dokl. AN PSSR 6 no. 6 366-369 Je '62

Using steel chips in steel smelling, IN. A. Barinov and others. Lit, proive no. 12.6-7 D 166,

STEEL-QUENCHING

Speed of quenching and its influence upon structure and properties of St 3-type steel N.F. Legeida and offers, Stal' 26 no. 12 1131-1134 D '66.

STEEL—TESTING

Mathematical expression of impact toughness in lowcarbon steel depending on temperature of testing and carbon content. N.G. Bukhvostova, K.V. Popov. 12v vys. ucheb. Anv., chern met. 9 no. 12:111-115 *56.

West resistance changes in P18 steel under the effect of ultrasonic woves, V. N. Chachin, A. I. Skriptichen va. Dokl. AN BSSR 10 no. 10,783-785 O 186.

STEEL, EFFECT OF TEMPERATURE ON

Heat resistance of steel and practical problems of its heating and cooling solved on this basis. S.G. Golonov. Kuz. - shtam, proizv. 8 no. 12:35-40 D 466.

STEEL, HEAT RESISTANT-ELECTROMETALLURGY Hardness of heat resistant steels at high temperatures depending on addition alloys and heat treatment. N.A. Bystrova, D.IA. Vishniakov. Trudy MATI no. 65:16-20 106.

STEEL, HEAT RESISTANT-TESTING

Boron alloying of austenitic steel and alloys for welded structures. B. I. Medovar and others. Avtom. svar. 19 no. 12:52-57 N [i. e. D] '66.

STEEL, STAINLESS-PICKLING see subdivision under Zaporozh'ye

STEEL, STAINLESS-TESTING

Testing for hydrostatic bulging of certain stainless steels. F. I. Ruzanov, Kuz. - shtam, proizv. 8 no. 12:21-23 D

STEEL, STAINLESS-WELDING

Properties of welded joints in heat-resistant stainless steel, M. M. Shtrikman. Avtom. svar. 19 no. 12;9-12 N [i.e.D] '66.

STEEL, STRUCTURAL

The expediency of using high-strength steel rolled prod-uots in steel structural elements V.I.Lebzenko, IU.V Smirniagio. Prom zdan. no.2 31-35 161

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Increasing structural steel strength by heat treatment L. I. Gladshtein, D. A. Litvinenko, Kh. Sh. Levinzon Stat 28 no. 12:1126-1131 D 166.

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Extraction-photometric determination of nichlum in alloyed steels using sulfochlorophenol S. S. B. Savin, P. N. Romanov, IU. G. Eremin, Zhur anal khim, 21

no. 12 1423-1428 '66. Interaction between an Al-Pb-Sn melt and cyclically deformed steel. M. I. Chetevelkyi, V. F. Shatyns'kyi. D. a. AN URSR no. ll 1456-1460 '62.

STEEL CASTINGS

Techniques for casting pole flanges. B. E. Dul'ion Lit proizv. no 11:43 N '63.

STEEL CASTINGS (Continued)

Using internal cidls in the production of steel castings.

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Interaction of steel with the mold in precision casting D, T Lapkin and others Lift profess no 11 14-45 N '63

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New All-Union State Standard for sized casting V.1 Berlin, B V Zakharov Lit protect no 12 39-10 D 166

Plans of the All-Union State Standard for steel castings, IU, A Eystratov and others. Lit prozzy no. 12 37-39 D '66.

STEEL CASTINGS—TESTING

Effect of pressure on structure and properties of east 5kinN due steel A A Ryshikov, L D Sorokin Lit proizy no 12-25, D 166

Effect of rare-earth elements on structure and properties of Rhi6N25M2B5 steel. D. IA. Viehniakov, N. A. Bystrova, Trudy MATI no. 66-33-18 '66,

STEEL CASTINGS-THERMAL PROPERTIES

Increasing the cold resistance of steel castings - IU, A Shulti, V V Luney, I P Volchok - Lit proizy - no no 12 35-36 - D 466

STEEL INDUSTRY see subdivision under Chelyabinsk; Cherepovets (Vologda Province), Zlatoust (Chelyabinsk Province)

STEEL PODUSTRY-MAPS

Metals of our country; with a map, D. Popov, Agitator 34 no.1,24-27 Jul 167,

STEEL INDUSTRY—SCHEDULING

Organization of work according to the schedule in a metallurgical plant. IU Bocharov. Sots. trud 11 no. 12,77-80 D 166.

STEEL INDUSTRY-TECHNOLOGICAL INNOVATIONS Innovators in the steel industry of the R.S.F.S.R., 1953-1962 A M.Katsya Ist SSSR 10 no.6 92-105 N-D 466.

STEEL INGOTS-MODELS

Ficulothermal modeling of the process of solidification and heating of timmed steel ingots in soaking pits V. D. Maron and others. Izv. vys. ucheli, zav., chern met. 9 no 12 119-155 '66.

STEEL-NICKEL ALLOYS

Photometric determination of niobium in nickel-base alloyed steels and alloys, V, F Maltisev, E, N, Pashchenko, N, P, Volkova, Zhur anal, khim 21 no. 10 1205-1200 466.

STEEL PIPE see Pipe, Steel

Jaw feed with pneumatic drive for strip material, V.S. Sharshov, E. P. Shablinskii, A M Kuntsevich [Nauch, trudy] ENIKMASha no 14 159-167 456

STEELWORKS see Iron and steel plants

STEEDING GEAR

Date: mining the diameter of the rudder stock of icebreakets and ships saiting in ice-infested waters. A A Bublakin Sudostroenic 28 no 12-13-15 D '62

Fifectiveness of auxiliary steering devices A. Vasillev, Rech hansp. 21 no 7 30-31 Jl 462

STEL'MAKH, MYKIJAILO PANASOVYCH, 1912-

In the creative laboratory of Mykhailo Stellmakh, Ivan Semencluk Sov Uki 12 no. 4 140-156 Ap 162

STEPMOTHERS

A mother or a stepmother? F. Kotiashova. Scml ta i alibota 21 no. 12:47 D 166.

The stepmother. A Charitonova, Sem'la i shkola 21 no. 15:12-14 N '66.

STEPPE FLORA see subdivision under Transbalkalia

STEREOCHEMISTRY

Stereochemistry and reactivity of unsaturated compounds. Part 2, Synthesis and reactivity of \(\gamma \)-aldehydo acids of \(\text{a3-cyclohevene series} \). G. P. Gugatova-Shemiakina, \(\text{V. M. Andercev, S A. Kazarian Zhut org khim. 2 no 11:2065-2074 N \) 166.

Stereochemistry of hydrogenation and hydrogenolysis, E.I. Klabunovskii. Usp khim, 35 no 7:1294-1323 Jl

STERILITY IN ANIMALS

Prophylaxis of sterility in herd buils A, M, Kuznetsov. Veterinarlia 43 no. 1.83-64 Ja 167.

Studying the physical, chemical, and some pharmaco-logical properties of preparation KF. Report No. 1, E. I. Spirin. Shor. nauch rab, SibNIVI no. 11-169-173

Use of pregnant mane's serum and crythrocyte mass in sterling of cows 1 L IAkunchuk. Veterinaria 43 no 179-80 Ja '67

STERILITY IN PLANTS

Development of lines maintaining eytoplasmic male sterility in sugar beets. A.N. Lutkov, V.I. Kovalenko. Sel'khoz, biol 1 no 6 801-808 '66.

Diffect of gamma trradiation at various periods of plant development N N Koshushro Suoi trud asp i mol nauch sett VIR no 2 317-321 [16]

Studying the character of the evioplasmic male storility of one and its use in hybridization T S Chalyk Gen, sellism buk no 192-139 465

Steillization of enesthetic equipment. F. N. Kazantsev. E. E. Kasnoshchekova. S. M. Gaffatullina. Eksper khir. renest 8 no 6,71-75 N-D '63.

STERLITAMAK—CHEMICAL PLANTS—DESIGN AND CONSTRUCTION

IAlupov, Kh. IA. [Proud occupation] Gordala professila. Ula, Bashkliskoe knizhnoe izd-vo, 1963. 34 p. (Mataki promyshlennosti Bashkirii)

STEROID HORMONES

Districtic action of ACTH, cortisons and predmisons in patients with circulatory insufficiency Sov med 26 no 3:131-133 Mt '63

STEROID HORMONES-PHYSIOLOGICAL EFFECT

Effect of steroid hor mones on biochemical and morphological changes in healt during experimental myo-cardial infacet I IA, Usvatova and others Trudy l-go MMI 13 42-53 165

STEROIDS

Chromatography of 3-retosteroids in thin layer of sorbent, Report No. 2. Use of acid aluminum oxide B, kh. Nguen, A, A, ChemerissPaia, Zhur, anal, Phim, 21 no. 11 1375-1379 166

liflect of novocaine on the excretion of 17-ketosteroids in elderly persons N V Svechnikovs, N V Verzhikovsk-ata, V I Bakker Sov med 26 no 3 114-116 M 163

Steroid compounds in the fungus Inonatus obliquis, I, V, Loviaglin, A N Shivrinn, Blokhimifa 27 no. 5;701-800 S-O *62,

Steroids, Report No. 26: Synthesis of steroido-/17, 16d/ isoxasoles I.I. Klimova, N. N. Savorov Khim pris od soed, no 5:325-333 %

Thin-layer chromatographic analysis of steroids on microplates coated with silica gel, I 1, Zaretskala and others Khim, prirod, soed, no 5 321-325 '66,

STILLBIRTH

Petrov-Maslakov, M.A., and I.I.Kilmets. [Pertnatal mortality] Perinatal inala smertnost' [Leningrad] Meditsira, 1965. 217 p. (DNLM)

STOCHASTIC PROCESSES

Absolute continuity of measures, corresponding to Gaussian processes, in linear transformations, A.D. Shatashvili Trudy Vych tsentra AN Gruz, SSR 3 241-

Akademila nauk Gruz Inskol SSR. Institut kibernetiki.
Problems in the analysis of operations] Voprosy isstedovanila operatsit. Tbilist, Metsatereba, 1966. 117 p.

Average number of overshoots of a random process at the output of a receiving device M. I. Dorman Izv vys ucheb zav ; radiotekh 0 no 6:742-750 N-D '66 Condition for correct interpolation of generalized unifor mandom field O. I Ponomarenko. Dop AN URSR no 11: 1400-1102 '56

Determination of the interval of independent registration of random stationary process by comparison of the distribution functions of two-dimensional probability densities. N.A Rubichev. Radiotekh, i elektron ll no 12;2220-2221 D *66,

Distribution of time interval probability between zeroes of a narrow-band normal random process A.M. Romanov, B.A.Sidorov. Radiotekh, i elektron. It no. 12-2222-2226 D 106.

Extrapolation of one class of nonstationary random processes V.B. Heorhievs'kyi, V.N Stepanenko Avtomatyka 11 no. 6 70-71 166

Some stochastic optimization techniques. IU M. Ermo-licy, E.V Nekrylova, Kibernetika no 6 96-98 N-D 166

STOCK AND STOCKBREEDING

(see also subdivision under Bai-Talginskiy District; Estonia: Voronezh Province)

Problems in the physiology and pathology of reproduction in farm animats. V.S. Shipilov, Veterinartia 43 no. 11:105-100 N 166.

STOCK AND STOCKHREEDING-EQUIPMENT AND SUP-PLES see subdivision under Estonia

STOCK AND STOCKBREEDING-MANAGEMENT (see also subdivision under Petrikov District) Use of the two-shift system on a farm is good! L. Ermakova. Sov. prof-soluzy 22 no. 23.6 D '66

STOIKO, ANATOLII GEORGIEVICH, 1895-1966

In memory of A.G. Stolko. Zhur. necr. i psikh. 67 no. 1: 156 167.

FTOMACH

Anatomy of the efferent Lymphatic vessels of the stomach in the adult person V.S. Revarov Arkh anat, gist i embr 44 no 3,19-27 Mr 163

Study of the so-called absorbing function of the stomach under clinical conditions, IA 5. TSimmerman, Sev. med 29 no 12-18-21 D '66.

STOMACH-CANCER

Combined treatment of gastric cancer and bleast cancer with the use of radioactive gold V. M. Sitento and others, Vop onk, 12 no.12 10-13 166.

Complications related to the use of a permanent catheter in operations on cancer of the upper portion of the stomach and esophagus, L.G. Kharntonov, A.V. Bogdanov, A.Zh. Vemian. Khirurgita 12 no. 11.36-38 N '66.

Compound diagnosis of gastric cancer A P Prista-zhniuk Kiin onk no 1 201-208 165

Electrophoretic exeminations of denaturation processes of serum proteins in cancer of the stomach. Z.B. Notkina Lab. delo no 1:48-49 *67

Experimental basis and clinical use of a new method for performing esophagointestinal anastomosis. K. N. TSatsanidi Uksper khir i snest. 8 no.649-23 N.D.

Malignization of gastric alcer E. V. Loskutova, Trudy Inst. im. N V. Sklif, 7:112-117 '63.

Methodology and Poentgenodiagnostic methods in gastic cancer. IU. N. Sokolov Vestient iiad 37 no 3:3-13 My-Je 62 Vest lent ilad 37 no 3:3-

13 My-Je 'uz Chatcher of atomach cancer; i observations, V.M. Medanetskals, Vop.onk, 12 no.12:56-37 'Gb. Pheumoperitoneum in the X-ray disgnosts of cancer of the upper parts of the stormen E. F. Firewy V.I. Astaffey Vost.ientirad, 37 no 3:27-30 My-Je '62. Resertion of the stampoh in cancon with direct anasto-

mosis of the gastric stump and the duodenum, IV I. IUdaev Vop.onk. 9 no 3:114-123 103

Rdenigenological data on the state of the digestive tract following total gastrectomy for cancer. A.G. Nad-zharov, L. A. Ramazanova, Vop onk, D. no. 3-74-83

Role of the alimentary factor in the development of precancerous discuses and gastric canter A.S. Shem-chuk Kitn. onk. no. 1.24-27 165. Role of the parietography method in the diagnosis of

gastric cancer. V. B. Antonovich Vest ront. i rad 37 no 3:21-27 My-Je 62.

Some problems of the differential X-ray diagnosis of gastric cancer I. A Shekhter Vest rent. i rad 37 no. 3:14-20 My-Je '62. Study of the antigens of stemach cancer in man by pre-

cipitation in agar L.V.Shershullskais. Vop.onk, 9 no. 3-22-27 163. Study of the karyotype of a monolayer culture of a luman stomach cancer D. P. Ugriumov, M. T. TSoneva-Moneya Bul eksp biol 1 med 55 no. 5103-96 My

Surgical treatment of gastric cancer, M. A. Miagkit Klin onk no 1:69-72 *65.

STOMACH-DISEASES

Discases of the stomach following gastrectomy and their treatment I.K. Pipia, R. N. Kumsiashvili Trudy Inst. im. N. V. Skili 7 107-112 163.

Discases of the stemach following gastrectomy for per-tic ulcer, M E. Komakhdze, T.1. Akhmeteli, Trudy Inst im N.V. Sklif, 7 91-97 163

Gastric electi othermometry in the diagnosis of different stomach diseases Report No 2 S, M, Guseinova Azerb med zhur no 7:17-22 Jl '62

State of the stomach in patients with psoriasis IV. I. Fishkon-Ryss, V. K. Kalgin Vest dorm iven 37 no 3123-20 Mr '63.

Use of small intestine in plastic surgery in the treatment of gastric diseases following gastrectomy, E. I. Zakharov, Trudy Inst. im. N. Y. Sklif. 7 117-123 163.

STOMACII-INFLAMMATION

Problem of X-ray hyperdiagnosis of chronic gastrites, V, IA, Unru Trudy Navokuz GIDUVe 32;84-87 '65

STOMACH-RADIOGRAPHY

Postopolative pseudotumors of the stomach. P. V. Vlasov. Vest rent. t rad. 37 no. 3:31-34 My-Je 462.

Radiation damage of stomach induced by radioactive certum. G A. Lebedeva Radiobiologin 6 no 5 897-600 '66

STOMACH-SECRETIONS

Changes in conditioned reflex scivity and gastric secre-tion following radiation sickness S, R, Potepolkin Rndlobtologita 6 no 6:851-859 '86

Changes in the functional state of the stomach in diabetes mellitus under the effect of insulin treatment N.A. Kalinina, Sov. med, 29 no. 12 22-26 D '66.

Results of using insulin as a stimulant to examination of gastric secretion, V. A. Arabadzhiau, Sov. med 29 no 12:84-87 D '86

STOMACH-SECRETIONS (Continued)

Specific mid-entral gland in gerbils A F Sokolo (I N Shurat Zoid zhor 47 no 11 1730-1741 166

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STOMACH-SURGERY

Followers and to Athent of the mass of the grating strong following to other or the strong to ID. V. Petro top of 12 no. 12.20-25. (C.)

Direction and of a fine discretes of the atomich by means of transillumn those with operating table (VV Origonia), EV Lawerich (Ebrutigna 42 no 11 4)-17 (16)

Diseases of the stomach following gastrectomy for pepthe alcor M.E. Komakholze, F.I. Whimeteli. Trad, last im A. V. Skiif. 7-81-87 and

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Experimental study or gastroesophage duction and methods of its 500 gio al elimination (N. V. Karshin) in (d. 29) no 12 92, 95 D 976

I unctional state of the liver in patients with pesticescetten decomplessation of digestice (dumping syndrome) 5 P Markin, R G Yakitin C Khirongila 12 no 11 47-53 N 166

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Modification of 5 G Topio, er to operation resection of the stomach with exclusion of mop rable duodenal ulcers
A A.Gadzhiev, Azerb ned zhur 40 no 4.70-72 Ap

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Transplantation of a segment of small interime in the high resection of the stomach and gastrectomy P.N. Petro. Trudy Inst. im N V.Sklif 7 123-128 '63

Use of small intestine in plastic surgery in the treatment of gastric discases following gastrectomy E.I. Zakharov Trudy Inst. im N.V.Sklif 7,117-123 '63

Use of UKI -60 apparatus in resection of stomach, O P'Trascino Klin, onk no 142-94 65

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STOMACH-TUMORS

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Benign nonepithelial tumors of the stomach. B.P. Zhikov, A.A. Sotol. A.A. Koiko. Vop onk. 12 no. 11:124 166, Diagnosis and treatment of tumors of the gastric stump following resection of the stomach. IU. V. Petrov. Vop. opk. 12 no. 12 20-26 166.

Hernangioma of the prepyloric section of the stomach V. A. Makowkin Vest unit und 37 no. 3,67-68 Ms - Je 162

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STOMACH-ULCERS

Malignization of gastric ulcer. E. V Loskutova. Trudy Inst im. N. V. Sklif. 7:112-117 '63,

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Cytology of the development of stomata in wheat L P. Chellisova Tiudy Inst. gen. no. 26:123-127 182

STOMATITIS-MICROBIOLOGY

Study of genetic characteristics of epitheliotropic and moviropic strains of stomatific splithose virus, viral ribonucleic acid and progenty of viral ribonucleic acid and progenty of viral ribonucleic acid IU. Z. Gendon and others Trudy Mosk nauch -issl inst virus piep no 3:182-150 '65

STOMATITIS IN ANIMALS

Contagious pushilar stomatitis of sheep in Daghestan P.P. Samorlos, A. V. Aliverday, Vetermaria 13 no 1 31-53, Ja. 167

STOMATOLOGY-HANDBOOKS, MANUALS, ETC.

Bybalov, A.I., G.M. Ivashchenko, and T.M. Lun'e, cds [Minuri on Stomatology] Spravochulk po stomatologii. Moskva, Medutsma, 1966—318 p (DNLM)

STONE-TESTING

Very simple device for determining the strength of store materials. D. Relichenko Self strof. 16 no. 11.24 K. [6]

STONE CAST

Microstructure of alite cement stone thydrated tricalcium silicate). L. G. Shiyinova, I. D. Jahitovich, N. V. Belov. Kristallografija. II. no. 6878-865. N-D. 156

Using cost stone parts in industry, A.I. Sibiler, N.A. Bithatsey Koks i thim no 12 Half b6

STONE AGE see substivision under Karelia, Oka Valley, Royno Province

STONE IMPLEMENTS see subdivision under Tajiksitan

STONE INDUSTRY-MANAGEMENT see subdivision under Arzni (Armenia)

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STOPING (MINING)

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STRAIN GAUGES

Using electric strain measurement methods in investigating stresses on hub surface of a clamped joint, O. A. Miscuk Prikl, molb, 2 no. 11-103-111 '66,

STRAINS AND STRESSES

Action of concentrated forces in multiconnected areas, A S kosmodamianskii. Konts namiazli. no 1417-154

Approximation method for determining maximum strain of mine rope for whole hoisting period P A Zhurav-lev, A F Zakharevich Zap I GI 3g no 3 21-28 %

Calculating bearing capacity in two mutually perpendicular directions of reinforced coursets structural elements in unsymmetrical bending V N Balkov Hel i zhel -bet no 12 35 - 36 D '66

Colculating reinforced concrete girders of unequal span taking into account distribution of forces skil Bet i zhol -bet 12 no 12:25-27 D '66

Calculations of continuous beams with nonlinear pliability of supports. A. A. Stotsenko, lzv vys uch h. zav. strol i arkhit 9 no.9:137-147 166.

A case of dynamic stresses in an unlimited clastic space with a cylindrical cavity M. M. Sidhar, Konts nipitash no 1 233-238 '65

Changes in the stressed state of the ship's hull during operation and repair, K M. Gatovskii, I A Gunin Trudy LIVT no. 81 110-118 165.

Concerning A. M. Pen kov and A. S. Bondar chuk's article "Experimental study of dynamic stresses in steel cables " A N Kurochkin, L S Burshtein Zap I GI 39 no 3,114 '61.

Conditions of strain in walls of reinforced concrete siles cast in-situ I S Khoroshii Prom stroi 41 no li 16-

Dumping properties of some refractory materials at high temperatures in vacuo H S Pysarenko, L A Bocharova Dop AN URSR no 11-1417-1122 '68

Determining stress concentration basing on the applied theory 1.1. Vorovich, O. K. Alsentian, Konts napriarh no. 193-94 '65.

Determining stresses in mine hoisting tope at point of load suspension N P Neronov Zap LGI 39 no 3:3-11 '61

Development of two cracks of unequal length siuk, B. L. Lozovii. Dop AN URSR no. 11,1441-1447 162.

Distribution of stresses in massif of rocks P. 4 Zhuravlev, A. F. Zhakharevich Zap LGI 39 no 3:111-113 ¹6L

Effect of a stationary thormal field on stress concentra-tion in an infinite clastic plane with a circular cut, V. L. Fomin, Konts, napriozh, ro,1:294-298 '65

Effect of lap on tensile stress in 1 ope. P. A. Zhuravlev. A F Zakharevich. Zap LGI 39 no. 3 107-108 '61

Effect of the diffusion process on the stress concentration around a circular hole. IA S Podstrigach, V, S Pavline. Konts. napriazh. no.1,219-224 *65.

Field of alip lines during thick strip rolling, V.F. Pota, in, Lzv vys ucheb zav., chern, met. 9 no. 12; 75-80 '86

Flattening of hollow cylinder under concentrated loads to 8 Burshtein - Zap LGI 40 40 30 3029-46 61

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Lobars of the components of the tensor of all cores ha sonars of the component of the tender of artests, an elastic heli-spice under concentrated vertical dynamic action on the artises. V. S. Nikiforo, kit E. I. Shemtakin. PMTb. no. 3.59-65. My-1. Action 1985.

Magnitude of stress acting on axial beam reinforcement argination of intersection with diagonal crace. It is lively as point of intersection with diagonal crace. It is lively, feeling and crace is the feeling of the second crace of the second crack in the secon

A method for determining stress concentration in Fig. 11 points, A G Ugodelukov. Kontschapera h, 40-15-15. point 5, 269 - 165

Method of experimental determination of attences in section of experimental section auton of fitteres of relinity concrete in auto-lave treatment. A.1 Acres, I.7 IAkovicy, K.1, fortisinos. Izv. vys. ucleb. . strol i arkhit. 9. no. 9(111-11). *66

strot parameter of no. 2011-141 (90) Marie lead estimation of maximum strain in misc below rope at point of load suspension at uniform role discrete drame 12 A Zharavley A L. Zalzbarrytch / Zap 164 39 no 3 15 -20 (61)

Rigidity of elements of soil afficated concrete in leaagainy of excussion of soft sitters of conclete up to bending from permanent stress. V.A.P.a.homos. Izv, vys. uchch. zav., strof. Larkhit. 9 no sgil-less.

Solution of some problems for double-connected such with converging circular boundaries. IU A, U thank Fonts napidazh, no 1970-275 955

Stress concentration around earlies in a non-ounger material, G.S. Locastev, L.A. Polokonnitov, Key mapriazh, 60,1,251-250 (65)

Stress losses in the reinforcement of prestressed of rements of Bine concrete R ROSNINS no 24:10-27 62 R V Popez Sher trul

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Study of stressed state in swivel shaft muchroom 1. V. V. Atrian and others. Azerb articles 15 no 17 41 er

Total clinination of stress concentration around lake in plates N. P. Heishman, H. L. Pelekh, John Japanapriazh, 20, 1280-293 765,

Work of welded joints, strengthened under spice Silvestrov, V. V. Blindev, R. M. Shagimardaso. Prom. stroi. 44 no. il 26-29 466.

STRAINS AND STRESSES-MODELS

Changes in clastic parameters of rocks depending on triaxial streamed state, calculated with help of a 400 by Z I Stakhovskain - 11 ady Inst. Rz - Zem (no. 47-4) 46 - 46.

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STRANGE PARTICLES

Disturbance of CP-invariance, C-asymmetry and buts a symmetry of the universe, A,D Sakharov, Problem et al., 25 no. 1,42-15 for the

lactoric spin in theory of CP-odd weak interaction. P. P. Shabalin, IAd fiz. 4 no. 5:1037-1044 N '66,

Mass formulae in nonhamogeneous Sa(6, 6) group, A, V Nikolov, I, T, Todorov, IAd, 612 4 no. 5-1052-1057 N

Mass spectrum of elementary particles. N. Dokl. AN BSSR 10 no. 12;923-925 D '66.

Model of weak interactions between har your and leptors B. A. Arbuzov, A. T. Filippov, Zhui eksp i teo: fir 51 no 5;1309-1401 N '66.

Ob"edhennyi institut indormykh issledovanti. 1Aberato-riia teoreticheskoi fiziki. [Model of quast-independent quarks] O modeli kvazinezavisimykh kvarkov [B₁] P.N Bogolinbov. Dubni, 1997—29 p.

Quark-muon currents and disturbance of CP-tavariant, A D.Sakharov, Pist, vied, Zhur, eksper i treatt fir 5 no.1/36-39 Ja 107,

STRANGLES-PREVENTIVE INOCULATION

Problem of the vaccination of horses against strongles I.V. Okuntsov. Shot, nauch tab. Sti NIVI 110, 11 15 + 154 162.

STRATANOVICH, G.G.
Awarding the N.N. Miklukho-Makini Prize, Vont. A. SSSR 36 no. 12,95 D | 66,

STRATIGRAPHIC GEOLOGY See Geology, Stratigraphic

STRATIGRAPHIC PALEOBOTANY see Paleobotany, Stratigraphic

Truck of methods for studying changes in the properties of stray and reed echalism in the process of grinding M.M. Grinberg. Shor had Ul-1811 no 781-92. 66.

STRAW-ANALYSIS

Chemical composition of spring wheat straw 1 P. Zabotina, M. I. Goriacy. Gidroliz i lesofhim prom 15, no. 412-13-62.
Ctemical composition of various fractions of ground straw and reed. K. A. Dolgov, D. A. Pisancolo, Shorting Uri NIB no. 7-55-19-66.

STRAWBERRIES

Studying the morphogenesis of the wegetative organi of the streeberry Fragativesca I SF Ponomittako Frudy Un druzh, nu 14 SePkho nauki ne, 1482-485

STRAWBERRIES-FERTILIZERS AND MANURES sec subdivision under Zhitomir Province

STRAWBERRY BREEDING

Materinal inheritance in strawborrice | G.N. Shangin-Berezovskir | Trudy Inst. gen | no. 26.68-81.762

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Theoretical premises for studying a site am flow using radiant energy O K Shonna Trudy GRUZNHMI SKHa redient energy OK Shonua 8 no 2 125-135 '6"

STREET RAILWAYS-SAFETY MEASURES

Hussia (R.S.F.S.R.) Uptavienie gorodskogo elektro-Lamporta, [Safety regulations for urban electric trans portation] Pravila tekhniki bezopranosti na gorodskom

Suc.2. [Rolling stock of street car times and trolley buses, depot, repair shops] Podvizhnoi soslav tramwaja i trollejbusa, depo, remontnyo master skie 1966 111 p.

STREETCARS-MAINTENANCE AND REPAIR

[Welding and building-up operations in streetear mainte-mance] Swarochno-naphavelmye raboty v tramvalnom khoziaistve [By] V S.Naumenko i dr. Moskva, Stroi-izdut, 1986. 202 p

STRENGTH OF MATERIALS

(see also subdivision under Ukraine)

Hskovich, G.M. [Strength of materials] Soprotivienic materials | Sopro 1966 511 p.

Resouring stresses and deformations at high pressures and temperatures. Z L Stakhovskola, I S, Tomashevskain Trudy Inst tiz Zem. no 17 160-167 (60

Shishkin, V.E. [Combined resistance, manual on the course "Strength of materials" for students of the Fugineering Dopartment Storance soprotiviente, posoble po kutsu "Soprotiviente materialov" dita studentov inzhenernogo fakul'teta. Moskva, Vses s -kb, in-t zaochnogo obsazovanila Pt. 2 1965, 38 p.

Strengthening of metals under cumulative shock waves, K I Kazarezay, Doki AN SSSR 171 no 2 324-326 N 466

STRENGTH OF MATERIALS-PROBLEMS, EXERCISES. ETC

Moskovskii institut narodnogo kluoziaistva. Kafedra tekhnicheskoi mekhantki. [Methods manual on the solution of problems in the strength of materials, for correspondence students of the technological department] Metodicheskie ukazantia k reshenitu zaduch po soprotivionitu materialov; dita studentov zaochnogo oddelenita tekhnologicheskogo fakul'iteta. Donologiche po sopi duventu materianov; dita succentov zaochnogo oddelenia tekimologicheskogo fakul'iteta, Dopolnenie k melodicheskim ukaznulium i koni ol'nym zadanium A.V. Darkova, i B. I. Kutukova, izd. 8., 1980 g. Moskva, 1962, 35 p.

STREPTAMINE-PHYSIOLOGICAL EFFECT

Effect of deoxystreptamine-containing antibioties on protein synthesis in accilular systems and on the dissociation of 705 ribosomes in the bacterial cell IU Saykin, VI Afonin Antibiotika II no.11,987-992 N 168

STREPTOCOCCUS

Study of antigenic substances, parts of the composition of strepto.cocus allergen. N. A. Borodiuk, M. N.Smirnova, M. K. Priisep. Zhur, mikrobiol, epid. i immun. 43 no 11:20-24 N '66.

Various pathogenetic mechanisms of the pyrotic resetton under the effect of streptococcal antigens V. L. Pytakii. Biul. eksp. biol i med. 55 no 5:68-73 My '63

STREPTOMYCES-CULTURES AND CULTURE MEDIA Study of the ultraviolet mutant No 100 of Act. streptomy-cint which has lost the capacity to synthetize streptomycin S. I Altkhanian, A. F. Teteriatnik Mikrobiologita 31 no 2:262-264 Mr-Ap '62.

STREPTOMYCIN

Direct or groath strenlants on streptomycheproducer 5, N. Litymento - Mila obiologica 35, no 5,792-795 S-O '66

I ifect of streptomycin on the evidation reduction process in angiohepatocholocystitis patients Collary bened than 10 no 9 53-57 5 163 1 Modullabekov

Kinctics of cathodic processes in solutions of streptomyem on metals with high hydrogen overvoltige, V V Shormakov, N E, khomutov - Trudy MKRII no 41 77-81 163

Pathomorphology of experimental plague treated with streptomycin Report No 2: Pathomorphology of experimental plague induced by conjunctival fine ulation and treated with streptomyein O. M. Trubehaninova 111 Gos nauch riss1 protivochum inst 16:21-31 159

Some physiological characteristics of streptomycinresistant staphylococcal variants P.V. Kom Milo obiologiia 31 no 2 277 -281 Mi -Ap *62 P. V. Kumm or

STRESS (PHYSIOLOGY)

Changes in higher nervous activity in students of junior classes of boarding schools during the day and the effect of active rest in form of tively play and physical ever use, A.A.Guzhalovskii Thur, vys.nerv deint, 12 no 3 465-171 My-Je 162.

Changes in the activity of some blood serum enzymes manges in the activity of some blood seriam enzymes under the effect of sti ong stimult on the body. M. L., Belen'kii, A. P., Blinger, IA, IA, Shuster Biul eksp biol i med. 55. no. 5-67-69. My. '83

Changes in the content of blood sugar and lactic acid in the blood of athletes during standard exertion in the process of acquiring a good form, N N [Akoviev and others | Piziol zhur | 16 no 10/1265-1269 O 162

Characteristics of external respiration during muscular work under industrial conditions B. A. Katsnellson, V. V. Rozenblat Fiziol zhur 48 no 10 1218-1224 O '62

l'ffect of physical stress on colleteral lymphatic ducts M G Privess Arkhanat a gistai embi 107 Mi '63

Effect of 3,4-dintrophenol on the resynthesis of phosphoceatine and glycogen in the resymmetrs of pho-period of rust after work N R, Chagovets Fixtol zhur 46 no. 10-1260-1264 O '02

Effect of various physical loads on gos exchange in finallated dogs 1 V. Rondarenso. Vop. 2 attobiol 1:140-119 [61].

Excretion of catechol amines with the urine in colonary insufficiency under conditions of functional attenta. I.E.Sofieva, T.1 Beliakova — Trudy 1-go Mail 13 34-

Mechanism of changes in thyrold gland functions during stress. IU.B.Skolbel'spala, Probl.endok.i gorm 9 no 1411-118 Ja-17 '63

Morphological changes in the heart and its vessels under conditions of varying physical activity of the organism of a dog 10. P.Antypehus. Dop AN URSR no. 7:576-59 65

Physiology of higher nervous activity and work processes S.A.Rostlav. Zhur vys.nerv.doist. 12 no. 3:361-470 My-le '62,

States of stress and fatigue under conditions of isolation from external stimuli E.D. Gorbov, V. I. Minsnikov, V. I. Inadovskii Zhm vys. nerv delat 13 no 4:585-592 Jl-Ag '63

STRESS WAVES-SPEED

Effect of high pressures on longitudinal wave velocities in gnotes and crystalline schist of the northwestern part of Kola Peninsula. N.E. Galdin Trudy Inst. ftv. Zem. no. 37 88-117 - 66

Longitudinal wave velocities in fluid-containing sedimen-tary rocks of the Carpathian Mountain region, tested under high pressures M.P. Volarovich and others Trudy Inst flz, Zern no 37 149-156 (6)

Longitudinal wave velocities in intrusive rock specimens of Central Kazakhstan under hydrostatic pressures M. P. Volarovich and others. Trusty Inst. Its Zenn no 37 16-51 486

Longitudinal wave velocities under high hydrostatic pressures in specimens of metamorphic and sedimen-tary rocks of central hazakhetan M.P. Velarovich and others Trudy Inst. fiz. Zem no. 37.52-60 *téc.

Studying longitudinal wave velocities and compressive at ength of rock sperimens of Bulgaria, under hydrostatic pressures of up to 9,000 kg-wt per cm² M.P. Volarovich, I.S. Tomashevskala, I.G. Bruchev Trudy Inst, fiz. Zem. no. 37:118-129 [66].

Studying longitudinal wave velocity in sedimentary tooks with a fluid filler under high hydrostatic pressures. M. P. Volatovich and others Trudy Inst. IIz Zem. no. 37 140-148 166

STRIKES AND LOCKOUTS

Labor and capital in 1966. A. Borisov, I. Vinogradov. Nov. viem. 25 no. 1:18-21 Ja 167.

(see also subdivision under Dzhezkazgan region, Kazakhsian, Kuznetsk Basin, Nikopol' region,

Method of determining loosening coefficients of hard tock piles IU I. Beliakov, A. V Rezunik Gor zhur no 12: 18-21 D '66.

Mobile timber poles for electric transmission lines in open-pit tenning -N/5 Psyctkov. Gor zhur no 12 64-55 D $^{-1}\!66$

Shatikov, A. P. [New boring methods and equipment for strip mining] Novaia burovaia terimika dila olkrytykh rabot Moskva, Nedra, 1808-95 p.

Special transportation for high productivity of open pit mines located in the mountains V, V Rzhevskii, W J Anistratov, S A, Win Lev vysucheb zav got zinn 6 no. 5 101-106 '63

STRIP MINING--COSTS

Manufacture of e cavating machinery and economic aspects of strap mining III Afthermapor, V A Baronen-kor Gorzhar no 12 7-11 D '66

STRIP MINING-EQUIPMENT AND SUPPLIES

Determining the height of benches during mining with use of cantilever waste stackers, 1,1 Ostroukhov, A R Gramatunov Gorzhan no 1125-27 N 56

Further mechanizationof industrial processes in openpit mines M. Hiushin Bezop trada v prom 31-32 My '62

Increase reliability and service life of medium-capacity open-pit exercators P. N. Kostenko, Ugob 11 no 12 45-26 D 16b.

Rzhevskii, V.V. [Technology, mechanization and automation of open-pit mining operations] Tekhnologila, mekhanizatsiia I avtomalizatsiia proteessov otkrytykh gornykh razrabotok, Moskva, Nedra, 1966, 655 p.

STRIP MINING....MANAGEMENT

(see also subdivision under Kirghizistan)

A method of determining losses sustained by interruptions in slectric supply of mining legislation in specific propertions. S. A. Volotkovskii, V. M. Ispin, IA.S. Gorbanov. Gor. Phu. no. 12, 13-15. D. 766.

STRIP MINING-MECHANIZATION

Mechanication and automation of industrial processes in Knowket in open-pit coal mines S. V. Khokhtackev Ugott 11 no. 12:13-15 D 466,

STRIP MINING-SAFETY MEASURES

Electrical safety in strip mining operations, G. K TSve-Lava, Bezop trude v prom, 6 no 5 27-28 My 162

STRONGY LOIDIASIS see subdivision under Ukraine

Pressure of dissociation of stronton fluorely rillate, A. V. Novoselova, P. Sh. Muratov, L. P. Reshetnikova Vest Mosk on Ser. 2 Khim. 17, no. 5:36-37, S-O. 46

STRONTIUM ISOTOPES

Transition of \$100 into the progeny of rats following a single intra-abdominal administration M.A. Levchenka, IU.D. Parfenov. Med 2 ad 7 no 8,71-76 Ag 462.

STRONTIUM ISOTOPES—PHYSIOLOGICAL EFFECT

l'Himination of 64 ontinue-90 and calcium from dog orga-mam I, A, Su apullisev Radiobiologica 6 no 5 701-107 '66

Paster elimination of sironitum-80 from mammalian or-ganism B, N, Amerikov Radioktologija 6 no 5 753-154 466

Role of the hypophysis in the development of hyperglycomia following a local irradiation. C. I. Komaraov, R. IA. Keithna Vop. redlobiol. 1:33-38 [6]. Role of the suprarenal gland in the tissue resultation regulation of the intestines tradiated with redioactive

strontlum, Z.1, Shitova, E.1, Komarov, Vop. radio-biol 1-25-42 61

STRUCTURAL ALUMINUM 900 Aluminum, Structural

STRUCTURAL DYNAMICS

Buildings with yielding structure for conditions of con-struction on sagging soils. D. Shapiro and others. Phil strot no. 10:13-18 '66 Shagin, P.P. [Statistical calculation of frame and panel multistory apartment houses] Statisticskil raschet kar-kasno-panel'nykli zhilykh zdanit hol'shoi etazhnosti. Leningrad, Stroitzdat, 1966. 121 p.

Study of model of large-panel residence with sagging foundation. P. Konovalov. Zhii, strot. no. 10:24-25 '66,

STRUCTURAL FRAMES

Calculating and systems for solamic stronges. R.L. Pogorelova, I.A. Egorov. Izv.vys.uchch.zav., strol.t. arkhit. 9 no.9:43-48 106. Heat treating of reinferred concrete frame structural cloments using induction mothed. N. N. Danilov. B. M. Krasnovskii. Bet. 1 zhol -bet. 12 no.12:10-14 D 166 Safety measures in the assembly of the framework of single-story industrial plants. S.S. Nikitia, Mont. i spets, rab, v stroi, 25 no. 10:22-25 O '63.

STRUCTURAL FRAMES—MODELS

Arkhangorodskii, A.G., and L.M. Delen'kli. [Mechanical calculation of flat frames; laboratory manual for the "Shipbullding and ship repair" major] Mekhanicheskii exiculation of that frames; laboratory manual for the "Shipbullding and ship repair" major] Mekhanicheskii raschet ploskikli ram, rukovodsivo po vypolnenim laboratornykh rabot dila spetislaftnosti "Sudostroenie i sudoremost." [Kallingrad] Kallalngradskoe knizhnoe izd-vo, 1965. 27 p.

[MICROFILM]

STRUCTURAL GEOLOGY see Goology, Structural

STRUCTURAL STEEL see Steel, Structural

STRUMILIN, STANISLAV GUSTAVOVICH, 1877leadentician Stanislav Gustavovich Strumplint on his 90th buthday Plan Phoz 43 no 195-96 Ja 167

Akademilia nauk SSSR, Otdelenie ekonomiki. [Improving planning and administration of the national economy On Academician Stanislav Gustavovich Strumilin's 90th birthday] Sovershenstrovanie plantrovanita t upravlenita narodnym khoziaistvom. K devranosto-letiiu akademika Stanislava Gustavovicha Strumilina, Moskva, Nauka, 1967, 434 p

STRUTS (ENGINEERING) -- TESTING

Unit for testing models of suspended struts. L. M. Kolesch-tov. Prit 1, met h. 2, no. il:118-122, 166.

Method of date; mining strychnine nitrate and the codeine base in Di Kai manova's tablets V. G I shiankina, N S Goriacheva Apt delo 12 no 1,39-42 Ja-1 '63

STRYY REGION (UKRAINE)—WOOD-USING IN-DUSTRIES—EQUIPMENT AND SUPPLIES

Fifteener promoter proposals at the Stray Production Association of the Furniture and Woods or ling Indus-tr, L. R. Diakon, Lis hosp., his., paper der prom no 6 27-29. N-D. 166.

STUDENT ACTIVITIES

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STUDENT TEACHING

Practical experience in educational work. M. Chernova, Nar. ob. no. 12-20-22. D. 166

STUDENTS-HEALTH AND HYGIENE (see also subdivision under Makeyevka)

Change in motor chromaxia and the functional state of the cardiovascular system in students during the examination period Report No 2 M M Etendizade, T A Bagdassiova Azeib med zhui no 749-55 H 62

Physical development of students. M. M. Bukalov and others Teor, i prak fiz kuit 29 no 11:57-59

Study of an outbreak of epidemic hepatitis in school $\,$ R S, Cheredaikova. Zhun mikrobiol , epid i immun. 43 no 11:140 N $^{4}66$

STUDENTS.--POLITICAL ACTIVITY
(see also subdivision under Ural Mountain region)
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STYRENE

Action of nitrogen oxides on bromo olefins. Part 3: Action of nitrogen tetraoxide on a- and β -bromostyrene S.V. Vasilve, O T, Burdelev, Zhur, org khim 2 no. ll 1965-1969 N 16

Gas-chromatographic analysis of the products of the catalytic synthesis of divinyl benzene and styrene T.K. Lavro, skaio. A.A. Balandin, G.M. Marukian Neftskhimita 3 no 5-702-705 S-O '63

STYRENE POLYMERS

Composition of shock-resistant polystyrene. N.V.Gaten-ko, A. M. Komashko V. B. Zorina Plast massy no 12 65-67 (66 Copolymers of unsaturated esters of glyctdol Synthesis

Copolymers of unsaturated esters of glycidol Synthesis and analysis of the properties of the copolymers of glycidol methacrylate and styrene I M. Kochnov. M. F. Sorokin. Trudy MKHTI no 42 97-109 '63
Determining the gaseous products of the reaction of polystyrene with sulfur in the presence of Friedel-Crafts catalysts. A. B. Davankov. E. V. Zambrovsknia, A. V. Alforov. Trudy MKHTI no. 42:174-177 '63

**Matter of Alexandrea with a week to the contract of the c

Effect of electrolytes on the aggregation stability of polystyrone lateves with various stabilizer contents. L. A. Shits, E. M. Aleksandrova, I S. Krivopalova, Trudy MKHTI no 41 42-45 163

Effect of glass (then on the mechanical properties of polystyrene and polymethyl methact ylate in vitrous state V. P. Sotomko, L. S. Semko Khun, prom. Ukr. no 617-20 N-D 166.

Effect of the copolymer of siyrene and maleic anhydride on the properties of leather. L. B. Sani In. 1, P. Strakhov lzv. vys. ucheb zav , tekh leg prom no. 5 46-53 '66

Effect of the size of plasticizer molecules on polymer glass point 1,1 Suvor ova and others. Vysokom, soed 8, no 10,1692-1897 O '66

8 no 10,1692-1697 O '65
Mobility of polyhalostyrene macromolecules. Part 1:
Study of the forms of molecular motion of poly-2theore-5-methylstyrene by the dichective losses and
polarization methods. G.P. Mikhallov, T.I. Borrsova
Vysekum soud. 1 no 11,732-1738 N '62
Obtaining polysterene foam's with the continuous method
dijectiv from the moranner. V. V. Vorober, R.A.
Andrinnov. Plast massy no 5,6-9, '62

gnacemon coast massy no 50-9 62

Plasticization of crystalline polymers. Part 2: Diffect of plasticizers on the mechanical properties of crystalline polystyrene. G Sh Talipov, T I Sogolova, V A.Kargin Vysokom socd, 4 no ll 1718-1724 N 62

Preparation of graft copolymers Part 10; Crafting of styrene to polycthylene terephthalate (Invaan) V V korshak, K K Mozgova, S P Krukovskii, Vysokom, soed, 1 no.11 1625-1630 N 162

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no 12 1-7 for the Reaction of polystyrene with sulfut in organic solvents in the presence of Ir iedel-Crafts catalysts E V Zambrovskais, A B Davankov Trudy MKITI no 42 167-173

Negalating the rheological properties of polystyrene.

N N Samosatskii V A, Shev, henko, N, V, Galenko
Plast massy no 12 38-40 '66

Synthesis of hi omo- and todomethylated copolymets of styrene with diviny benzene V.V. Korshak, S.V. Rogozhin, V. A. Davankov Vysokom soed 8 no 10 1686-1691 O '66

Ultrasonic method to control the production of block poly-styrene I M Suntsoyn, V T Gaivan Plast massy no 12 59-60 '66

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SUBMARINE BOATS -- NOISE

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SUBMARINE GEOLOGY see subdivision under Atlantic

SUBMARINE OIL WELL DRILLING see Oil well drilling, Submai inc

SUBMARINE PHOTOGRAPHY see Photography,

SUBSIDENCES (EARTH MOVEMENTS)

Influence of mining depth upon deformations of development workings in coal mines of Karaganda Bosin A.O. Sproge, I. I. Rudot. Ugol. 41 no. 12:29-31 D. 166.

SUBSTITUTION (CHEMISTRY)

Substitution reactions in evalute compounds of uranyl of tetractif type in the presence of thiocyanate ions R.N. Shehelokov, I.M Shaligina, I.I.Cherninev Zhur, neorg khim Il no Il 2652-2661 N 166

SUBVERSIVE ACTIVITIES

Her is Savinkov case. D. Golinlov. Sov. inst. 30 no. 23: $22 \cdot 23$ D $^{1}66$.

Experimental device for the pneumatic transportation of rock in subway construction M. I. Miagkov, Transp. stroi II no. 12,22-24 D 161,

SUBWAYS—DESIGN AND CONSTRUCTION see sub-division under Moscow

SUCCINIC ACID

Oxidation of succinate in the structural elements of Micrococcus lyaodeikicus in relation to deoxy ibonucleic acid and magnesium ions. M. A Lukoimova, N. S. Gel'man, A. I. Oparin Bioblimiia 28 no 2:334-339

SUCCINIC ACID-EFFECT ON PLANTS SOB Plants, Effect of succinic acid on

SUCCINIC DEHYDROGENASE

Characteristics of succinic dehydrogenase distribution in the cerebral cortex of mammals. M. M. Busniuk Zhur.vys nerv.deiat 13 no 4-731-739 J1-Ag '63

Hydrogenase and succinic dehydrogenase in Azotobacter vinciandii and their relation to nitrogen fixation, V.A. Idkotlev, L.A., Levehenko, Doki. AN SSSR 171 no.5: 1224-1226 D '66.

SUCCULENT PLANTS

Succeient plants. A.A.Bairamov. Priroda 55 no.12-57-59 166.

SUCKER RODS

Determining electric energy loss in friction of string of rods and tubing in erooked wells A G. Mistr-zade Azerb neft khoz 45 no.9:29-30 S 66

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SUGAR-ANALYSIS AND TESTING

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SUGAR REFERS

(see also subdivision under Latvia; Tuva A. S. S. R.) Determining augm content of defective augm beets, S V Solovieva, Spirt prom "8 no. 4 35 16",

Experience in the processing of augm beets in the distilleries of the Krasmoda: Promonte Council, A.V. Petkov, Spirt prom. 28 no. 133-31 162

Pormation of phostid apparatus in ontogeny of sugar beet leaves under natural conditions. F. N. Clothey, F. I. Shabel akaia. Dokl. AN 155R 10 no 12;987,980 D 465.

SUGAR BEETS-DISEASES AND DESTS (see also subdivision under Kazakhslan, Kutsk Province:

Rostov Province)

Cultivation practices in the control of augar beet diseas-es, Z. Pozhu. Zusheb. 1991 II no 11:25-27 46

SUGAR BEETS-FERTHAZERS AND MANURES (see also subdivision under Kirghizisian, Polesye; Spitak District; Ukraine)

Effect of fertilizers and space arrangement on productivity of sugar bests DA Aldmallev Liv Kh fil Vals divasor, va pochy, no 2489-03 '63

SUGAR BEETS-GENETIC RESEARCH

Development of lines maintaining cytoplasmic male sterility in sugar breta. A. N. Luttov, V. I. Kovalenko, Sel'khoz, bloi. 1 no. 6-804-808 '66.

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Economic mathematical model of the optimal schedule of sugar beet Hiting, IV, P. Chernov, 1 D Stepmenko Ekon, I mat metod, 2 no. 5 931-941 N-11 166

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SUGAR INDUSTRY—TICHNOLOGICAL INNOVATIONS see subdivision under Zhabinka (Brest Province)

SUGGESTION SYSTEMS

Significance of the mass invention and efficiency promo-tion movement in improving the technique and technology of production. R. M. Pernianov. Reh. ap. 1 (d. no. 20), 95-111 (60).

SUGGESTIVE THERAPEUTICS see Therapeutics,

SUKHUM—GUIDEBOOKS

Rozenblit, G.A., comp. [Sukhum; a practical guide for tourists] Sukhumi; prakticheskii spravocinik turista. Sukhumi, Alashara, 1966. 87 p.

SULFAMETHAZINE—THERAPEUTIC USE

Results of using sulfadimestice for the treatment of meningococous confers in foci of infection I.A. Genchikov Zhan mikobbiol, epid i imman 43 no li; 136439 N '66.

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(see also subdivision under Duieper-Doneta Lowland)

Study of behavior of indium in solutions containing sulfate ions by means of ion-exchange method. F. P. TSintsevich, S.G. Stanchova, I. P. Alimarin. Vont. Mosk. on Ser. 2. Khim. 17 no. 5.45-49 S-O 162

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Evaluation of toxicity of sulfonamides BT, M, and C. G.N. Zaeva, V.I. Fedorova, N.I. Fedechkina Toks. nov. prom. khim. veshch. no 8:70-82 '66

SULFENYL CHLORIDES

Free radical addition of truchloromethyl sulfenyl chiotide to vinylaryl others. E.F. Kolmakova and others. Zhur org. khim. 2 no 11 2018-2035 N 168

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Experimental data on conditions for uranium precipitation from hydrothermal solutions by metal drauffides B S. Osipov Atom, energ. 21 no 6 479-183 D '68

Rate of coprecipitation of cations with sulfides Report No 2 Formation of solid solutions, N A Rudney, G 1 Malofeeva Zhur anal khim 21 no 10 ll61-ll64 '66

New method for sufforating aromatic petroleum hydro-carbons IU T Gordach E.A Rekunova, R IA Se-miachko Izv. AN Turk SSR. Sor fiz., -tekh , khim, i geol nauk no 2 21-32 '61

SHLEONIC ACIDS

Colloidal proporties of individual sodium alkylbenzenesulfonates O.S. Mochalova and others. Khim, I tekh top!, I masel II no 12:17-20 D '66,

N. H-dialkylamides of alkanesulfonic acids, L.K.Maslii, T.P. Razbegaeva Zhur, org khim, 2 no li 2011-2017 N '66

SULFOXIMINE

Effect of oxygen under pressure and methionine sulfoxi-mine on the activity of glutamine systhetase in the rat brinin Z.S. Gershenovich, A.A. Krichevskaia, I. A. Kolushek Biokhimila 28 no 2:303-307 Mr - Ap '63

SULFUR

Determining the gaseous products of the reaction of polystyrene with sulfur in the presence of Friedel-Crafts catalysts A. B. Davankov, E. V. Zambrovskija, A. V. Alferov. Trudy MKHTI no. 12,174-177 '83.

Effect of sulfur on the workability, mechanical properties, and wear resistance of austenite chromium manganese steel. A V. Kartyshov. Trudy LIVI no. 82 54-59 165

Electro-transference of sulfur in titanium. I.F. Kononluk, M. M. Pavliuchenko, Dokl AN BSSR 6 no. 6.373-375 Je 162.

Interrelation between the sulfur cycle and the production braces in bodies of water | IU | Societin | Vest AN process in bodies of water IU SSSR 36 no 12,13-15 D 106,

Reaction of polystyrene with sulfur in organic solvents in the presence of Friedel-Crafts estalysts. E V. Zambro-vakaia. A. H. Davankov Trudy MKHT1 no 42,167-173

SULFUR-ANALYSIS

Rapid method of determining elementary sulfur content in the solid phase of a flotation pulp from native sulfur ores, V. A. Kiemer, I. A. Zatuchnafa, M. P. Kolo-diazhnyl, Klitm, prom. Ukr., no. 6:55-57, N.-D. 166

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SULFUR ISOTOPES-PHYSIOLOGICAL EFFECT

Absorption, distribution and exerction of aminochylisothiurenium in trindlated and nonlitadiated organisms I, S. Belokonski and others. Vop. radiobiol.

SULFUR MINES AND MINING see subdivision under Soviet Central Asia

SULFOR OXDES

Chemical and biological exidation of sulfur under laboratory conditions G. I. Karavniko Mikrobiologija 31 no 2;328-331 Mr-Ap ¹62

SULFURIC ACID

Reaction of ruthenium compounds with sulfuric acid. S. I. Ginzburg, M. I IUr'ko, T. A. Fomina. Zhur neorg khim. 11 no, ll 2551-2553 N '66

Study of complex formation of heryllium by means of exchange, Report No. 1 Behavior of beryllium in solutions of perchloric and sulfuric acids T.A. Beliavskala, I. F. Kolosova, Vest, Mosk, an Ser, 2-Khlm, 17 no. 5:55-59 S-O 162,

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SHILFHRIC ACID INDUSTRY-EQUIPMENT AND SUPPLIES Flowsheets for the regulation of operation of contact plant of sulfuric acid. N. M. Petrov. Khim, prom. 42 no. 12;806-812 D '66.

SULFUROUS ACID

Infrared absorption spectra of therium disulfite and products of its thermal decomposition. IU, IA, Kharlionov, V, N, Tverdokhlebov, A, K, Molodkin, Zhur, neorg, khim. 11 no. 11,2608-2613 N 166.

SULTANUIZDAG-RUBIDIUM

Characteristics of distribution of rubidium in metamorphic and Intrusive complexes of Sultanuizdag, 8. G. Shavlo, V. IA. Kazakovich. Uzb. geol. zhur. 10 no. 5:30-39 '66.

SUMMER RESORTS-DESIGN AND CONSTRUCTION See aubdivision under Ukraine

SUMS (MATHEMATICS)

I incal methods of summing Fourier series containing rectangular matrices. Part 2. L.I. Bausov. Izv vysucheb zav "mat. no. 6.3-17. *66

SUN YAT-SEN, 1866-1925

In memory of Sun Yat-sen; on the centenary of his blith. L.O. Leshchenko. Ukr. ist. zhur. 10 no. 11:142-145 N '06.

Sun Yairsen in reminiscences and letters. R.V Viatkin. Nar Av.: Atr. no. 6 39-51 '66.

Ten years with Sun-Yat-sen (conclusion) Ma Hsiang Vop 1st 41 no 12-125-138 D 166

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Otigin of quasi-stationary outflow of gases from active regions of Sun Part I E.R Mustell Astron Alunno 6 1221-1234 N-D 166,

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Viscosity effects in an expanding solar corona, IU,B Ponomarenko, Astron zhur 43 no. 6-1186-1193 N-D

SUN-OBSERVATIONS see subdivision under Arctic regions

SUNFISHES see subdivision under Danube Valley

SUNFLOWER BREEDING

Buceding sunflower for high oil content. L. \. Zhdanov. Sellhoz. biol. 1 no. 6.797-803 '66.

SUNFLOWER SEED

Uffect of superphosphales and ammonium nitrate on the stell and oil content of sunfley or seed in satisfized soils A I Asaliev Khim v sell khoz 1 no 12:13-11 D '66

SUNFLOWER SEED OIL

(see also subdivision under Ukraine)

Breeding sunflower for high oil content, L. A. Zhdanov, Scl'khoz, biol. 1 no. 6:797-803 '66.

Effect of the cultivation practices on the accumulation of oil in sunflower seeds. D N. Belevts: v. Masi. -zhii. prom. 28 no 6 8-10 Je *62.

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(see also subdivision under Lugansk Province)

Pffect of the cultivation practices on the accumulation of oil in sunflower seeds D. N. Beleviscy, Mass., -7th, prom. 28 no. 6:8-10 Je 162.

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Dynamics of the rise of a spot's magnetic field in the corons and some resonance characteristics of the coronal active region. V E Merkulenko, Astron, zhur. 43 no. 6:1179-1185 N-D '66

Ràdio emission and atmospheric structure above spots.
M.A. Livshits, V. N. Obridko, S. B. Pikel'nei Astron.
zhur 43 no. 6 1135-1142 N-D 466.

SUPERCHARGERS

Change in control scheme of gas cocks in centrifugal supercharger manifold, V. Te, A. M. Smollak. Gaz prom. 11 no. 11:24-25 *66.

SUPERCONDUCTIVITY

Clectrodynamics of intermediate state of superconductors.

A. F. Andreev. Zhur ekspiteon fiz. 51 no.5:1510-1521 N '66.

Macroscopic quantum phenomena, L. P. Pitaevskii, Usp. fiz. nauk 90 no 4 623-629 D 166.

SUPERCONDUCTORS

Critical temperature of transition to superconducting state of beta-phase in the system of oblum - tin - alu-minum - germantum. N.E. Alekseevskii, N.V.Ageev, V. F. Shamrai. Izv. AN SSSR, Neorg. mat 2 no. 12-2156-2161 D 166.

Tunnel effect between superconductors in alternating field, A. I. Larkin, IU N. Ovchinnikov Zhur eskp. i toor. ffs. 51 no 5:1535-1543 N '66

SUPERCONDUCTORS-MAGNETIC PROPERTIES

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SUPERNOVAE

Observability of light fronts due to Supernova flancups , I.S.Shklovskii, Astron. tstr., no. 306 2-3 O '64,

SUPERSONIC AERODYNAMICS see Aerodynamics, Supersonic

SUPPLY AND DEMAND

Criticism of the modern bourgeois theory of supply and demand G Abramishvill, V.B.P. but, P Krutikov. Vop. chon no 12 90-99 11 '66.

Economic principle of the formation of stocks of marketable consuming goods V G Zarney T INKH no. 38 10-50 '65

Influence of retail prices on the structure of the population's demand B. I. V. Davidovich Trudy INKH no. 38 17-39 465

Methods of determining social demand for consumer goods A P. Rudakov Trud, INKH no 48 5-16 '65

SUPPURATION

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SUBARMANY OIL FIELD-OIL FIELD BRINES

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Battle for oil, G. Kiselev, Neftlanik II no. 11:16-17 N

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Alkylolamides of naphthenic acids. P. O. Dentchenko, V.I Slovikova'kyl. Dop AN URSR no. 7 98 i-906 '63,

Collaidal-chemical properties of noncongenic surface-active substances A.A Petrov, G.N. Pozdnyshev, Kell, zhur 28 no. 6 858-865 N-D 466,

Colloidal properties of Individual codium alkylbenzenesulfonates. O.S. Mochalova and others. Fhim, i tekh, topi, i masel H no.12,11-20 D 166.

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Effect of surface-active substances on the formation of water sol in humid ladrocarbon medium. B V Dertagin and others Dokt. AN SSSR 171 no 2,370-37; N 465.

Possibility of obtaining surfactants from a paraffin filtrate R, G, Makitra, P, D, Oleksin Neft i gaz prom. no 3; 61-62 M-S '63

Seminar on problems regarding the use of surfactants. Neft, khoz — 11 no. 9.72 S = 4.3.

Using surface-active agents for preventing way precipitation in tank cars. G.E. Lerke, V.P Svitidov, IU.A. Skovorodnikov Transp i kiran, nefti. i nefteprod no. 10 14-16 466.

SURFACE CHEMISTRY

Hydrogen molecule on surface of nonmetallic crystals, M. D. Hynchuk, V. O. Lavrenko, Uki fiz. /hur li no, ll 1256-1258 N 468.

Role of surface phenomena in the kinetics of chemical teactions, sintering, and accumulative recrystalliza-tion of refractory oxides, A.I. Leonov. Lev AN SSSR, Neorg. mat. 2 no.12 2168-2174 D '66

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Effect of temperature and composition on density and surface energy of Iron-silicon moits. E.S. Levin, P.V. Gol'd, B. A. Baum, Zhur, fiz, khim, 40 no. 11; 2706-2712 N '06.

SURFACE HARDENING

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Surface tension and adsorption in solutions of fatty acids and their esters in liquid-viscous obgomers, V. A. Sazonov, V. M. Zatkovetskii, P. P. Pugachevich. Koll, zhur. 28 no 6 866-870 N-D 166,

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- Surface tension measurement of solid electrodes as depending on potential A IA Gokhshtein Electrokhimila 3 no 11 1318-1326 N '66
- Surface tension of fused salts. I D Sokolova, N. K. Voskiesenskaja Usp khim. 35 no 7 1196-1203 Jl
- Surface tension of titunum tetrachloride and vanadum ocytrichloride P. P. Pugachevich, K. V. Trettinkova, I. v. Nisct'son Zhur fir khim 40 no 11 2907-2903 N. 166.

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- Concenting R Lericle's book "Fundamentals of physiologi-cal surgery" (Paris, 1955, Moscov, 1961) 5, P. Proto-popov, T. V Pravdich-Neminskaia Disper khir 1 ancat 8 no 6-82-90 N-D '63
- Origin and incidence of diseases calling for surgical assistance D F Sokolov Sov med 29 no 12 61-65 D '66
- Results of surgical treatment in fractures V A. Chernav-skil Trudy Inst. im N V. Shiff 7-237-303 463 Review of V. I. Shuchkov's book "Surgery in suppurative infections" B M Khromov Sov mod 26 no 3455-156 Mi ¹63
- Surgical interventions as a regnimation component in severe traumas to the extremities. M. M. Rozhinskii, V G Pilinoga, Travmatologiia no 1:121-129 465
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- Use of protectytic enzymes in surgery on diseases of the sale of protesting and in the treatment of suppurant wounds N S Pilipchuk, K N Veremeenko, Khirur-glia 42 no 11 92-95 N '66

SURGERY-COMPLICATIONS AND SEQUELAE

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- Diagnosis and treatment of tumors of the gastric stump following resection of the stomach, IU.V. Petrov. Vop. onk, 12 no 12 20-26 466.
- Diseases of the stomach following gastrectomy and their treatment, I,k Pipia, R N Kumsiashvili im.N.V.Sklif, 7:107-112 '63, Trudy inst.
- Effect of anesthesia and surgical trauma on the adrenocortical function; a review of literature. V. E. Volkov Eksper khir i anest 8 no.6:77-30 N-D '63.
- Postoperative pseudotumors of the stomach. P. V. Vlasov Vest. rent 1 rad. 37 no 3:31-31 My-Je '62
- Provention of suppurative compileations in surgical treatment of canon of the rectum. E.S. Smirnova, V.A. Kochetkova, IU.L. Rozanov Khirungtia 42 no. 11.73-76 N 486
- Relaparotomy following resection of the stomach for peptic ulcer, N S. Uteshev Trudy Inst. int. N. V. Sklif 7 97-100 '63.
- Repeated resections of the lung. A.P.Kolesov, G.A. Boikov A V Gridnev. Khirungita 42 no 11 76-80

nk.

quent ων, •D

- Minotvortsev, S.R. [Selected Chapters] Librannye glavy.
 Pod red. K.S. Minotvortsevot, [Lening: ad] Meditsina, Pou 1966, 389 p (DNLM) 389 p.
- Resection of the carina of the tracheal binurcation and modial walls of both main by onchi with similar of teral pneumonactiony for malignant adenoma N D Gatin, I Maksimov Khinugna 12 no 1181-81 N 166
- Surgical treatment of coronary insufficiency V I Kazansko Trudy Inst im N V. Skhi 7 195-198 '63
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SURGERY, PLASTIC

- Experimental alloplasts of the renal artery Nikolaev, A Z. Troshin Trudy 1-go MMI 19 129 -135
- Tanpukhin, V.T. [Restoration of the urethra by means of homotransplant] Vosstanovienie uretry s pomoshch'iu gomotransplantata. Moskva, Meditsina, 1966. 154 p. (DNLM)
- Mirotvorisev, S.R. [Selected chapters] Izhrannye glavy.
 Pod i ed. K.S.Mirotvortsevoi. [Leningrad] Meditsina,
 1966. 389 p. (DNLM)
- Use of collagen in plastic surgery V. V Kovanov and others Trudy 1-go MMI 49:253-255 '66
- SURGICAL AND TOPOGRAPHICAL ANATOMY see Anatomy, Surgical and topographical
- SURGICAL DRAINAGE see Drainage, Surgical
- SURGICAL OPERATIONS see Operations, Surgical

SURKHAN-DARYA PROVINCE---PETROGLAPHS

Petroglyphs of the Zai aut-kamar Cave in the Zai aut-say Gorge, A.A. Formozov, Sov ai kheol. 10 no i li-26 'Gb.

SURVEYING

- Accuracy of the method of geodetic intersections, A I Durney 17v, vys acheb 2av, good i acrof no 111-25 '63
- Accurate superposition of extended objects, G.V. Duroi-ko Izv. ys. ucheb. zav. geod. 1 aerof. no 3:129-133 ko 162.
 - Adjusting angles in polygonal traverses by the method of equal corrections V.V.Kotov. It vys ucheb zav., gend I aerof. no 1:37-40 163
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- Concerning A. V. Butkevich's article "Balancing linear rectangles" K. N. Terpugov. 12v vys ucheb, zav geod i aerof no. 3/130-141 '62
- Concerning the article of T.S. Danllenko, Izv. vys. ucheb. zav. geod, i serof no 3:143-144 '62.
- Khronov, L.S., G.E. Mopurishvill, and L.P. Nedosheva. [Practice training in surveying] Uchebnata praktika po geodozii Pod obshchei red L.S. Khrenova. Moskva, Lesnata promyshtemost*, 1966. 223 p.
- Traverse nets and the effect of the errors in them F.F Pavlov Izv vys. ucheb zav., geod. i nerof. no.1:25-30 '63.

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SUSPENSION ROOFS see Roofs, Suspension

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- Interaction of polyacrylamide with suspensions. O.D. Kurylenko, L.T. Prylypko, R.V. Mykhaliuk. Dop. AN URSR no. 11-1482-1485 '62.
- Use of bentonite gel for the stabilization of susponsions.
 D. P. Salo, Z. T. Chigrin. Apt. delo 12 no.1:14-20 Ja-F '63.

SUTURES

Comparative evaluation of late results of suturing and resection in perforating gastric and duodenal ulcers E. L. Grinshpun. Trudy Inst. im. N. V. Sklif. 7,58-61

Immediate and late results of auturing perforating castroduodenal ulcers, Z I. Besfamil'unia, Trudy Inst. im. N. V. Sklif. 7-95-97 '63.

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SVERDLOVSK PROVINCE—FARM BUILDINGS

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SVICHA VALLEY---GEOMORPHOLOGY

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SWEDISH NEWSPAPERS

The Swedish press. Mezhdunar, zhizni 11 no.1-151-155

(see also subdivision under Rostov Province)

Mgul, L. [Maintenance of meat-type swine] Sederzia-ule bekonnykh svinet. Tallinn, Blure nauchno-tekin, informusii M-va sel.khoz. Estonskoi SSSR, 1006. 61 p. (DNAL)

Producing and raising piglets (see from pathogens of infectious dimenses. V.I. Popov, I. A. Paviovich, R.M. Sakharova, Veterinarita Id no. 1198-99 N 466.

SWINC-DISEASES AND PESTS (see also subdivision under Siberia)

- Differentional diagnosts of Leptosphiosis in swine. V.I. Popov Veterlandla 43 no. 12:25-27 D 166.
- in succeing pigs. A.I. Koretia. Voterina: Ita 43 no. 12 32-34 D 466.
- Simultaneous immunization of swine against cholors, ervatuales, and hydrospirosis. V. F. Petrov, N.S. erystpelas, and heptosphesis. V. F. Petrov. N S. Bezharodkin. Veterinarila 43 no. 11:35-37 N 166.

SWINE-FEEDING AND FEEDS

(see also subdivision under Omek Province)

- Effect of the scheme of using feed terramyon and its activity in awine taising. N.I. Ovstanov. Short march tab SibNiVI no. 11.229-233 '62,
- For a more efficient utilization of liquid biomycle in the fattening of hogs with stillage. M. F. Gainetthiov Split, prom. 20 no. 5:25-26 '62,
- Problems facing a voter inarian. E. V. Makovskil, Veterinariia 13 no. 12:9-10 D 46.

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Effect of maternal and paternal organisms on the nature of inherited characteristics in reciprocal crossing of pigs. M. M. Aslanian, Trudy Inst. gen, no. 26-141-147

SWINE HOUSES AND EQUIPMENT (see also subdivision under Turkmentstan; Vavozh District)

Elements for the calculation of pipelines for the conveying of liquid feeds on farms. S. V. Mel'nikov, R. I. Vagin. Zap. LSKHI 00:282-285 '65,

SWINE PLAGUE—PREVENTIVE INOCULATION

Importance of short-interval vaccination against hog cholora, paratyphoid fevor, and swine plague for the preservation of swine on farms with hog cholora infestation and hazard I.V.Okuntsov, G.F. Epifanov, G.I. Panin. Stor, much rab SibNIVI no.11:125-123 163.

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Forced reaction of a linear system containing a key with mistantaneous contactor and complex lock Elektrichestvo no 12/52-55 D '66

Kharkevich, A D [Problems of the construction of switching of culis in crossbar automatic telephone ex-changes] Zadachi posti oenita kommutatsionnykh skhem v koordinatnykh ATS – Moskva, Red -izd oldet VZEIS, 1964. 78 p

[MICROFILM]

Polylogical elements based on adjustable self-oscillators, A.P. Vishnevskii. Aviom it tem no. 11,138-115 '66 Filmciples of the design of dynamic circuits. G.D. Pukhov, B.A. Borkovskii. Teoroclektrotekh. no. 1 5-18 '66.

SWITZERLAND-GAS TURBINES

Gas turbine systems manufactured by the "Sulzer" film Shvarts Phergomashinostrochic 8 no 8 41-46 Λg '62

SWITZERLAND-LOOMS-EXHIBITIONS

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I rom the manuscripts of V I Vernadskii. Vop filos $20 - \text{no}, 12 \cdot 101 \text{-} 112 \cdot | 166$

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Species differences in the reaction of choliner gic and adjencing structures of the mainstein NA Kharau-zos, Trudy LPMI no 32 165-169 465

Orlov, G.A. [Soviet Russian symphonism; ways, problems, ashievements] Russkii sovetskii simfonizm; puti, problemy, dostizbenita. Moskva, Muzyka, 1966—330 p.

Birlukov, D.A., ed. [Mechanisms of the activity of the central neuron] Mechanismy delatel nest teentral nego netiona [By] G A Vartanian i di Moskva, Nauka, 1988 282 y 1966. 262 p

Reaction of neuromuscular synapses of irradiated animals to the injection of diplactn. G N Malygina. Vop. 1.4diobiol. 1.332-357 61

SYNCHRONOUS ELECTRIC MACHINERY see Electric nizchinery, Synchronous

SYNCHRONOUS ELECTRIC MOTORS see Electric motors, Synchronous

SYNCHROS

Remote control gauging of liquid levels in tanks using selsyn transmission N, M Sarkisov, I I, Chuhov, V.G. Ulianov, Transp. i khran nefti i nefteprod no 10 10. 12 66.

SYNCHROTRON

1 5 Gev electron synchrotron at Tomsk Polytechnic Institute, A.A. Voroblev and others Atom, energ, 21 no 6 435-139 D 466

300 Mcv electron synchrotron at Tomsk Polytechnic Institute, V. P. Anokhin and others Atom, energ. 21 no. 6,502-503 D '66,

SYNOVIAL MEMBRANES-INFLAMMATION

Pathogenesis and it catment of acute traumatic serous syncytilis of the knee, A.V. Zhivetskii, Travmatotoglia no. 1:215-220 '65.

SYNTHETIC FABRICS

Use of synthetic fibers as material for bag filters in carbon black factories. M.M Zaitsev and others Kauch.i rez. 21 no.6:33-36 Je 182.

SYNTHETIC FABRICS-TESTING

1 ight and weather resistance of cloth fabrics with lavann and of the by-products of worsted manufacture, N. M. Imanov, L. G. Leites, Za tekh. prog 6 no. 12. 45-47 D 160.

SYNTHETIC PRODUCTS

Basic trends in the chemical utilization of gases of U.bekistan P A Borisov, A.L Rabkina Kuchum, 11ndy IGI 18:206-711 '62

Pat-liquoring of shoe-upper leather with synthelic fits. A M Assethant, M H Hirr, O. N Nozhrubo 1 ch prom no 255-56 Ap-Je '62

SYNTHETIC RESINS see Resins, Synthetic

SYNTHETIC RUBBER see Rubber, Synthetic

SYNTHETIC TEXTILE FIBERS See Textile fibers.

SYPHILIS

Flecti ophoretic study of blood proteins in late syphilis A K Shcherbakova Vest der milven 37 no 3-37-41

Some correctives for the use of Bicillin in the treatment of syphilis I IA Zaitsev Vest derm I ven 37 no 3: 34-36 \h '63

Situps and essential oils as configents of liquid drugs.

A. I. Tentsova Apt delo 12 no.1 21-26 Ja-F 163

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R(X', X'), compounds in systems CR: F, Zr, Hf, Y'-Fe, Co, Ni, Cn, X'-A1, Ga and their crystalline structure V J, Markiv, P 1, Kripiakevich, Kristallografina 11 no 6 859-865 N-D '666

Dependence of forbidden band width on composition of cold solution in section 2CdTe - CuinTe₂ of system Cu-Cd - In - Te V.P CherniavsTy1, NO, Hornmovn, R IU khansenvarov UP: fiz zhu II no 11 1235-1237

Effect of the momechanical prohistory on viscosity

Direct of the momentaining profusions on viscosity properties of binary polymer systems, G.V. Vinogradov and others, Koll, zhur 28 no 6 809-813 N-D '66 Frimation of effect oflyle compounds it om none fectualytes in systems consisting of allytisothic yanate and aminophenols 5. P. Misskilzhitan, A.S. Moroz, Zbur. fizkhim, 10 no 1142743-2716 N '66.

Fusibility diagrams of binary systems NaF - HiF4 and KF - HiF4. I N. Sheiko, V. I. Mal'tsev, G. A. Bukin-lova, Ukt khim zhut, 32 no. 12:1202-1295 '66,

Phase diagrams of systems Nd₂ (WO₁)₃ - St WO₁ and NnNd(WO₁)₂ - SrWO₁ E. IA, Rode, V N Kar pov. A, A l'liseev Lee AN SSSR, Nearg mat 2 no 11 2007-2009

Study of the systems PbSe - GeSe and GeSe - GeTr L. E. Shelimova and others. Izv. AN SSSR, Ncorg mat 2 no 12 2103-2109 D 166.

Study of systems ${\rm Sb_2Se_3}$ - ${\rm Bi_2Te_3}$ - ${\rm Si_2Te_3}$ - ${\rm Bi_2Se_3}$ - N M, Bondari - 127 AN SSSR Neong mat 2 no 12 2248-2250 D 465.

Triangular diagram of the marine-type quinary system. 1U.M Alaberdyov Fzv. AN Turk SSR, Ser. fiz. -tekh , khim, i geol nauk no. 4-119-121 '62

SYSTEMS (CHEMISTRY)-THERMODYNAMICS

I imiting laws for insulticomponent two-phase systems. A. V. Storonkin. Zhan, fiz, shim 10 no. 11:2829-2836 N *86.

Thermodynamic stability as a function of atomic mass, V.A. Semenchenko, P. D. Soldatova Zhu: flz. khim, 40 no. 11:2862-2888 N 466,

SYTUN, IVAN DIMITRIEVICH, 1851-1924

A story about Sytin. V. Pogrebnot. V intre knig 6 no. 11:42 N '66.

TABLE ETIQUETTE

How to behave, A. Dorokhov, Sem'in i shi ola 21 no. 11:50-53 N '66,

TABULATING MACHINES

Methods of performing arithmetic operations on tabulators, I.IA. Akushekii, M.G. Rappoport Ekon i mat. metod. 2 no. 6:900-914 N-D '66.

TACHISTOSCOPE

Electric tachistoscope, Teor, i prak. fiz, kulit. 29 no, 11:22-24 N 16G.

TAENIA see subdivision under Nikolayev

TAILORING

wyshamosti Fabrillot og springi agric i de

for the improvement of the skill of designers and model-makers of talloring enlerpraces are accumulated the cheloveka, tsikl lektsil dila zacchnogo usovershensivovanila znanii konstruktorov-model'orov shvelnjkh predpriatii. Moskva, 1082, 37 p.
[MICROFILM]

TAJIK DEPRESSION—GEOLOGY, STRATIGRAPHIC

Stratigraphy of Upper Locene and Oligocene sediments in Tajik Depression. G. P. Kreidenkov, R. M. Davidzon Sov geol. 9 no. 18:78-91 N. 186.

TAJIKISTAN---ANTIQUITIES

Negmatov, N.N., and S.G. Khmel'nitskii. [Medieval Shakhi istan] Srednevekovyi Shakhi istan Dushanbe, 1966 107 p (Material nata kultura Ustrushany, no. 1)

TAJIKISTAN—ASCARIDS AND ASCARIASIS

I specimental demonstrative york in the control of as Cartasis in the Tajik 5 5 R V.1 Matveichak and others Med paras i paras hol \$2 no 2:110-141 Mr-Ap 463

Strategy and faction for the control of ascariasis in the Rajik 5 S. R. 10 S. Kalmylov. Med paraz i paraz bol 32 no 2 134-140. Mr -Ap. '63 Med paraz i paraz bol

TAJIKISTAN-ELECTRIC LINES-MAINTLNANCL AND REPAIR

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TAJIKISTAN-GEOLOGY, STRUCTURAL

Michanism of formation of structure of sedimentary mantle and nature of recent crustal deformations of Afghan-I aids de pression in light of some geologic at and geophysical data. It, C. La onov Biul, MOIP, Old, geol. 11 no 4:30-10 JI-Mg '56

TAJIKISTAN—HISTORY

The Tajik A.S.S.R. as a part of the Uzbek S.S.R. A.A. Agramshodzhiev. Fludy LashGU no. 28° 22-33 '60

TAJIKISTAN—INDUSTRIES

TAJIKISTAN—imagis rauss Suchkoy, A.V. [Socialist industrialization in the Tajik S.S.R.] Socialisticheskata industrializatsita v Tad-zbikskot SSR. Dushambo, Tadzhikskii gos, univ., 1995.

[MICROTILM]

TAJIKISTAN-LOCUS IS-EXTERMINATION

à little bit of history U. Siundnikov Zasheh rast, 11 nu, 12 14 166

TAJIKISTAN—PEASANTRY

Tun sunova, S.N. [Committees of the village poor were the support of the Communist Party in the socialist transfermation of the Tajik village] Rtifoki kambagalon-opora Kommunisticheskoi partii v sotsialisticheskom preobrazovanii tadzhikskogo kishlaka. Dushanbe, Irfon, 1905-50 p. (CSt-H)

TAJIKISTAN-PLANTS, PROTECTION OF

in Tapitistan, V. Aleshev. Zashch, 1 ast 11 no. 12 2-4

Instructor's stories, P.Arkhangel'skii Zashch rasi 11 no 12 38 '66

On the 'Shakhrmau" State Parin V. Savzdarg. Zashch. rast 11 no, 12*16 *66.

TAJIKISTAN-PLANTS, PROTECTION OF-RESEARCH

Contribution of science to production P. Stepanov, Zashih rast 11 no 12 23-76 466

TAJIKISTAN---POISONOUS ANIMALS

Ishlaki, IU.B., and A.A. Zhavoronkov. [Poteonous ant-mals, pulsonous and the aprulic proporties of poteonous antmals in Tajikistan] [Adovltye zhivotnye, ot avliatu-shchic I lechebnye svojstva ladovitykh zhivotnykh Tadzhi-kistana, Dushambe, Itfon, 1964, 74 p. [MICROFILM]

TAJIKISTAN-POLITICS AND GOVERNMENT

Soula, A.1. [Evolution of the Tajik S.S. R. toward a political organization of society involving the whole people] Tadahikskol SSR k obshchenar odnot politicheskol organizatsii obshchestva. Dushanbe, Irfon, 1965. 156 p. (CSt-H)

TAJIKETAN-STONE IMPLEMENTS

Pollshed axes from Tajikistan, V.A. Ranov, Sov. arkheol. 10 no. 4:168-172 166.

TAJIKISTAN--TEXTILE INDUSTRY

Vafaev, A.D. [Material and technical foundation of the fexilic lindustry of Tajikistan] Material no-technicheskaia baza tekstil noi promyshlennosti Tadzhikistana. Pod 10d. Kh.K.Kurbanova. Dushanbe, Irfon, 1965.

TAKHTATAU-GASTROPODA, FOSSIL

Some species of Middle Carboniferous Gastropoda of Takhtniau, I.A. Popova, Uzb. geol. zhui. 10 no, 5,70-74 '60,

TALC

Commet cial types of tale deposits in the U.S.S.R. IF. Romanovich Razv.i okhr nedr 20 no 3:0-12 Mr *63

TALDOM DISTRICT—RADIO JOURNALISM

"News of the city and district," D. Sitnikov. Sov. radio i tel. 8 no. 3:31-32 '58.

TALES

Short version of the tale about Boyat Morezov's wife. A 1 Mazunin Trudy ODBL 18 311-350 '62

Traditional stable world combinations in "Tales of the passing years." O V Tvorogov Trudy ODRL 18 277-281 162

Unknown copy of the tale "On the Vyatha country," 1725.

N A Malevanov Trudy ODRL 18 370-373 '62

TALCS, TURKISH

Dmitriev, N.K., ed [Turkish folk fales, Translated from Turkish] Turetskie narodnye skazki 2. izd Moskva, Nauka, 1967 478 p. (Skazki i mily narodov Vostoka)

TALIN DISTRICT—WHEAT—FERTILIZERS AND MANURES

Results of some practices in using fertilizers for winter and spring wheels in Talin District of Armenia Soch Lab agrocktim AN Arm SSR no 4:87-89 [6]

TALLINN-ARCHITECTURE-CONSERVATION AND RESTORATION

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TALLINN-TELEVISION BROADCASTING OF NEWS

Today's camera, Kh. Loit, Sov. radio itel. 8 no. 3:5-6 159.

TALLINN-TELEVISION PROGRAMS

In the Tallin television studio Sov, radio i tel. 8 no.3:7 '59.'

TALLINN-WALLS

Zobel, Rein. (Tallinn town walls) Tallinna linnamuur. Tallinn, Essti Raamat, 1986. 185 p. Illus. [In Estonian]

TAMAN PENINSULA-ANTIQUITIES

An ancient site near the village of Illichevka. N.I. Sproffskii Sov arkheo! 10 no.4:125-140 '66.

TAMBOV GOVERNMENT-REVOLUTION, 1917-1921

How the masses of soldiers struggled for the Soviet regime in the Tambov Government. Lev Protasov Nauch rab, stud Tamb, gos ped, inst. no. 1412-30 '63,

TAMBOV PROVINCE—ACQUISITIONS (LIBRARIES)

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TAMBOV PROVINCE-HEROES

The hetoes of the Saviel Union from Tambov Province. Anatolii 7 harov and others. Nauch rab, stud Tamb. gos, ped, inst. no. 1 3-11 163

TAMBOV PROVINCE-NAMES, GEOGRAPHICAL

The names of populated places in the Gavilovo, Grazh-danovka, Kirsanov, and Umet Districts in Tambov Province, within the boundaries of 1859 Rusian Sviiidov. Nauch rab stud. Tamb. gos, ped. Inst. no. 1:48-55 '63,

TAMBOV PROVINCE-ROTATION OF CROPS

Crop rotations with grasses seeded every second year. D. Nosov Zemledelic 28 no. 10 15-16 O 166.

TAMBOV PROVINCE-RUSSIAN LANGUAGE-DIALECTS

The dialect of the village of Gromushka in the Zherdevka District of Tambov Province Vadim Rykovskli Nauch rab stud, Tamb, gos ped, inst. no. 1:58-69 63.

TAMIL LANGUAGE-GRAMMAR

Andronov, M.S. [Grammar of the Tamil language]
Grammatika tamil'skogo lazyka. Moskva, Nauka, 1966, 269 p,

TANGANY IKA --- PRIMATES

Discovery of the hone remains of a new representative of the Australopithecinae in eastern Africa. V. P. I kkinga. Vop. antr. no. 4 151-154 160.

TANGERINE see subdivision under Caucasus; Georgia

TANK CARS

Using surface-active agents for preventing wax precipitation in tank cars. G.E. Lerke, V.P. Sviridov, IU.A. Skovorodnikov. Transp. i khran nefti i nefteprod. no. 10:14-16 '66

TANK CARS-WASHING

Mechanization of outer washing of tank cars K.V.Kazi-mirov. Zhel.dor.transp 48 no 11 46-47 N '66.

TANK VESSELS

Vacuum apparatus for the unloading of cargo residues. A Horovskii, D. Shmelev. Rech. transp 25 no. 12-24-25 166.

TANKS-DESIGN AND CONSTRUCTION

Analyzing the efficiency of various methods for assembling spherical tanks. M. L. Freidlin Mont is pets rab. v stroi 25 no 8:18-21 Ag '83.

TANKS-FOUNDATIONS

Determination of volume of earthwork in construction of foundations for vertical cylindrical steel tanks Z O. Transp i khran nefti i nefteprod, no 10 12-Liandres

TANKS (MILITARY SCIENCE)

Our country's shield of steel 1 Zelentsov Agitator no 16 21-22 Ag 162

TANNING

Levenko, P.I. [Increasing the waterproofness and wear resistance of stiff leathers! Povyshenie vedestolkosti i lznosostolkosti zhestkikh kozh, uchebnee posebie, Moskva, Legkala industrila, 1965. 25 p. skva, Legkaja industrija, 1965. 25 p. [MICROFILM]

Levenko, P.I. [Modern synthetic tanning agents and their use in the leather industry] Sovremently sinteticheskie dubitell i opyt ikh ispol'zovanija v kozhevennoj promyshleanosti, uchehoce posobie. Moskva, Legkaja industrija, 1965, 30 n.

[MICROFILM]

TANNING MATERIALS

Interaction of tanning polynuclear completes of chromium (III) with the powder of polynmide AK 50/50 NS, IV; -kina, NN Pavlov Iv vys ucheb zav , tekh leg prom no 5 37-40 166

Bioflavonold effect of tanning substances of oakwood LA. Egorov, I. M. Skurikhin, N. N. Elofeeva Pliki biokhum i mikrobiol 2 no. 6 591-693 N-D 166. Differentiation of flavone glycosides and tannic sub-stances in Tanacctum pseudoschules. L T Shipiloveknin, R. L. Khazanovich Apt delo 12 no 1:31-33

TANNU-TUVA see Tuva A.S S.R.

TANSY

Ja-F '63.

Differentiation of flavone glycosides and tannte substances in Tanacetum pseudoachillea L T Shipliovskata, R, L Khazanovich Apt delo 12 no.1 31-33 [a-F '63.

TANTALUM see subdivision under Nuratau

TANTALUM COMPOUNDS

Synthesis and some properties of tantalum nitrile chloride, Ta₂N_eCl and tantalum oxynitride, TaON, IU.A, Buslaev and others 17v.AN SSSR, Neorg mat 2 no 12 2120-2124 D '66.

Titrimetric determination of tantalum as a phosphorotantalum perovide complex, A.K.Babko, I.G. Lukjaneta Zhur, anal, khim 21 no 12 1430-1435 466

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TAPKHANAKOV, GRIGORII MATVEEVICH, 1904-1961 In memory of G. M. Tapkhanalov. Uch.zap. Tuv nauch. issl. inst. isz . lit i ist no. 10 (305-306 '63.

TAREEV, BORIS MUKHAILOVICH, 1906-

Professor B. M Tarcev; on his 60th birthday N. V. Aleksandrov and others Elektrichestvo no 12.81

TARKHANKUT PENINSULA-CHLORITES

Sedimentary magnesian chlorite from Sarmatian of Tarkhankut Peninsula (Crimea), L S. Belokrys, V. Makarov, Lit, i pol. iskop no. 6:101-108 N-D '66.

TARTARIC ACID

Initial stage of bulk crystallization in supersaturated solution of tartaric acid, Part I: Kinetics of crystallization in latent period, R.A. IAnchuk, Koli zhur, 28 no. 6:910-914 N-D '66.

TASHKENT-ARCHITECTURE AND CLIMATE

Practice of building microdistricts in Tashkent, A. Esenov, A. Aparin, Arkhit, SSSR no. 12 1-6 '66,

TASHKENT—CABLE INDUSTRY—MANAGEMENT Forms of the dissemination of progressive practice. B.M Folanov. Uch, 2ap Kuf, sov ekon Vys. part, shkoly no 3 97-101 164

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"Moscow Microdistrict" in Chilanzar, I. Karnaukhov. Arkhit, SSSR no. 127-8 166.

Problems of rebuilding Tashkent, Arkhit. SSSR no. 12: 1-3 '66

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TASHKENT PROVINCE-ABORTION IN ANIMALS

Abortions of paratyphoto origin in a helfer herd, N.O. Belousov Veterinarity 13 no. 12-31-32 in to.

TATAR A S S.R.—AMPHIBOLES

Amphiboles and amphibolities of the crystalline basement of Taturia B.G. lakoviev. Dokl. AN SSSR 171 nm S 1171-1174 D '66

TATAR A. S. S. R. --- AMPHIBOLITE

Amphiboles and amphibolites of the crystalline basement of Tataria B, G [Akoyley, Dokt AN 555R 171 no. 5 1171-1174 D 166.

TATAR A.S S R -- COMMUNICATION AND TRAFFIC--ACCOUNTING

Centralization of accounting in communications cuter-prises. P. Slobozhanskii. Bukly, uchet no. 12-15-1/ M '66.

TATAR A. S. S. R. --CONSTRUCTION INDUSTRY

Before carrying out great new undertakings. V. Clar-chenko, Sell stroi. 16 no 11 10-12 N '61,

TATAR A.S S R, -EDUCATION

When no one is indifferent. M. Makhmutov. Scmilli i shkola 21 no. 11:32-33 N '66.

TATAR A. S. S. R --- FINANCE

Economic work in the financial organs of Lataria, K. Aiupov. Fin. 888R 40 no. 11:09-72 N 466

TATAR A. S S R -- FUMIGATION

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TATAR A. S S R. --- PETROLEUM GEOLOGY

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TATAR A. S S. R. -- PETROLEUM PRODUCTION

Competition of petroleum workers of Tatar A. S. S. R. is expanding. A. Malakhov. Nationik 11 no 11 3-1 to

TATAR A. S. S. R -PUBLIC ADMINISTRATION

Burganova, F., and R. Gataullin. [Lonin's principles of control in action, sketch of the history of popular control in the Tatan Republic] Loninskie printsipy kontrolla v deistvit; ochek po istorii narodnogo kontrolla v Tatarii. Kazan', Tatarskoe kulvinoo izd-vo, 1900 131 p. (MH-L)

TATAR A. S. S. R. -- RECLAMATION OF LAND

Specialists in reclamation of land are realizing the decisions of the Plenum held in May 1986. Part, zhiza no. 1:49 Ju 167.

TATAR A. S. S. R. -SOCIALIST COMPETITION

Competition of potroleum workers of Tatar A.S.S.A. is expanding A. Matakhov Neftiantk H no. 11:3-1 H

TATARINOV, VLADIMIR VASIL'EVICH, 1878-1941 V. V. Tatarinov; obituary, Radiotekii, i elektron. 11 no. 11-2102-2103 N 166,

TAUTOMERISM

Calculations based on the MO LCAO method and acidity of diketone and enol forms of various β -dicarbonyl compounds. E.IA. Gien, G.IA. Vanag. Zhur org. khim 2 no. 11:1905-1911 N '66'

TAXII., LEO, pseud. see Jogand-Pages, Gabriel Antoine, 1854-1907

TAYMYR NATIONAL AREA-COLLECTIVE FARMS-MANAGEMENT

They are waiting in Taymyr.... G. Shcheglov, Sev. profectivey 22 no. 24:13 D '66.

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They are waiting in Taymyr... G Shcheglov, Sov. profsoluzy 22 no. 2113 D '66

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TAZ PENINSULA-MOLLUSKS

Some data on mollusks of Yamal and faz Peninsulae, I.M Khokhutkin. Trudy Inst. biol. UPAN SSSR no 49 65-66 '66

TBILISI see Tillis

TEA

(see also subdivision under Lenkoran' Lowland) Study of essential oil during the production and storage of black tea V T Goglia Biokhimita 28 no 2 308 311 black ten '63

TEA-COSTS see subdivision under Makharadze District

TEA-DISEASES AND PESTS

Home land of Parametriotes these Kusn. E M. Stepanov. Subtrop kulit. no. 3.160 '66.

TEA-FERTILIZERS AND MANURES (see also subdivision under Georgia)

Development of the root system of tea plants as related to fertilizers. M L Briava Subtrop, kullt no. 3:3-17 '66

Fertilizers for tea in various lea growing countries, Subtrop, kult. no. 3,157-160 '66

TEA-HARVESTING

Fifect of mechanized plucking of ica leaves on the vital processes of a tea plant A.D. Mikeladze Trudy GRUZNIIMUSKIIn 8 no 2 177-193 (62,

TEA-VARIETIES see subdivision under Georgia

TEA MACHINERY

Economic effectiveness of a cleaning and grading machine for green ten leaves O, D Popkhadre Trudy GRUZNHMFSKHa 6 no 2 194-204 '62,

Effect of mechanized plucking of tea leaves on the vital processes of a tea plant. A D Mikeladze Trady GRUZNIIMESKHa 8 no. 2477-193 62

Machine for grading mechanically plucked tea leaves, N. I. Kibal'nikov. Subtrop kul't, no. 3:35-42 166

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A teacher from Lyubertay. A.Belov. Sem'la i shkola 21 no. 11:28-29 N '66.

The teacher is the central figure in the educational proc-ess. Vech. sred. shkola 9 no. 6;3-5 N-D 166. Their minds and hearts personified. Dvg. Dlinkina. V mtrc knig 6 no. 12.6-7 D 186

Through the decades. N. V. Bogomolova. Vech sred. shkola 9 no. 6:6-8 N-D '66.

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(see also subdivision under Chemigov; Lithuania; Odessa, Tula; Uzbekisian)

Let us intensively study the theory of education. A. Z. Nasyrov. Vest.vys.shkoiy 21 no. 12:14-17 D '66.

Practical experience in educational work. M. Chernova. Nar ohr no.12 20-22 D 166

Preparing the future teacher for the work with scalor students. L. Sergeeva, Nar. obr no 12 113-115 D 155.

Solution of problems as an educational method. F.F. Nagibin. Vest. vys. shkoly 24 no. 12:17-19 D 166.

Urgent problems in the training of primary school teachers A. A. Liublinskaia. Sov. pedag. 30 no. 8 81-88 Ag 166.

TEACHING

Afterword to "An interview with a young school principal."
Nov. obr. no. 12 28-34 D 166

The attitude of a teacher toward the children and the development of their morality. O S Bogdan, V. I Petrova. Sov. pedag. 30 no. 12,34-42 D 166.

Discussions about love for children. Nar. obr. no.12: Insert: 1-35 D 466.

Interview with a young school principal (conclusion), B. Sukhomiinskii, Nar obr. no.12:23-29 D '86 Main trends in research on didactics. M. N. Skatkin,

Sov. pedag. 30 no. 8;21-34 Ag '66, Some problems in the actentific organization of the teachers' work. N. V. Cherpinskii, Sov. pedag. 30 no. 12;78-88 D '66.

TEBERDA PRESERVE

Kalmykov, C. T., and V. K. Filipenko. [The transformed land, sketches on the Kanachay-Cherkess Autonomous Provincol Precbia alternata zemila, ochorki o Karachavo-Cherkesii. Cherkessk, Stavropol'skoc knizhmee izd-vo, 1966. 36 p.

TECHNICAL ASSISTANCE, RUSSIAN see subdivision under Cambodia, Guinca, Somalia

TECHNICAL CHEMISTRY see Chemistry, Technical

TECHNICAL EDUCATION

(see also subdivision under Cambodia, Leningrad Province)

It should help their studies. B 1. Kissin, N. N. Terpilov-skii Vest. vys shkoly 21 no. 12 29-32 D 466.

Let us develop the cooperation of institutions of higher education with industry, 1 A.G.ishmanov, L.S.Giivman Vest vys shiols 24 no 12,3-6 D 6

Reorganization of the secondary and higher schools of technical education and increased attention to the training of technic ians and engineers during the first five-year plan L.I. Brodksii. Trudy I Pf no 261 49-03 160

TECHNICAL SOCIETIES

Anniversary of the setentific technological societies S P Loginov Sudostroenic 56 no 11 79-81 166

Centennial of scientific and technical societies. N. V. IAkusheva, L. L. Chernial Gaz, prom Il no, 11-51-52

Contennial of scientific research societies in the U.S.S.R. A. Borov and others. Muk. -elev prom-32 no. 11.8-14. N. 166

Centennial of the scientific and technological societies of the U.S.S.R. Za takh prog 6 no 12 1-3 D 166 For Russia. A Cherniak. V mire knig 6 no. 12 (2-13

100th anniversary of the actentific technological societies, N. V I Akusheva, 1 1 Cherniak Khim, 1 tech topi t masel, 11 no. 115-6 N '66

A road a hundred years long. I. I Federov. Prom Bel 9 no 12 52-54 D 66

Science, community and production. V.T Fedorov. Avt do: 20 no 114-5 N '66

TECHNOLOGICAL INNOVATIONS

ísce also subdivision under Armenia; Azerbaijan; Leningrad; Leningrad Economic Region; Lyov Economic Region; Moscow Economic Region; White Russia)

Advertising board. Izobr, i rate, no. 12:26-27 166.

At the Exhibition of the Achievements of the National Economy M.A. Sivarta, Vest mashinosti, 46 Economy M A. no. 12:78 D 466,

Conceived-aphieved. Irobi. 1 tate. no. 12:7 '66.

Exchange of experience. Avt. transp. 41 no. 19:50-51

In your lawyer's office. A. Kissin, Izobili rate, no. 12: 37-38 '06,

Introduce in the national economy all that is advanced and progressive at the Exhibition of Achievements of the National Feonomy of the U.S.S.R. Inform blad VDNKH no 91-2 S '62

Legan to find solutions. L. Teplov. Izobr. lints. no. 12:17-21 '66.

Methods for determining the economic efficiency of capital investments and new equipment Sbot, nauch inform Nauch, sov po eff osn fond, kap vlozh, i nov tekh AN SSR no. 2 144-150 462.

New developments in science and technology Prom-Arm, 9 no 10.79-80 165

Notebook of the icchnologist of "Izob) ctate! I totsionalizator," Izobr, trats, no. 12,24-25 '66.

Novgorodskii, IU. F. [Technological progress and the labor supply] Teklinicheskii progress i rabochie kadry, Moskva, Znanie, 1907. 31 p. (Novee v zhizni, nauko, teklnike, III Seriia: Ekonomika, no. 2)

Planning the efficiency of the introduction of inventions and innovations. A. C. Basistov, F. A. Pladis. Vop. izobr. no. 8,3-6 Ag '66.

Priority of an innovation suggestion, IA, D. Follman, Vop. Lobr. no. 8:34 Ag '66.

Readers' letters. Izobr. I 1ats. no. 12:6 '66. Significance of the mass invention and criticoney promotion movement in improving the technique and technology of production R. Af. Persianov. Uch. 2ap. LGV no 294: 95-114 160.

Study patent documentation and apeed up technological progress, Kh. Askimazi, Avt transp. 41 no. 7:41-45 Ji 163.

Technical information Prom. Bel. 9 no 12:63 D 166. Uniform state policy in the iteld of technological progress. S. Kheinman, Kommunist 43 no. 2.45-55 F '67, Use in enterprises. Okhr. truda i sots. strakh. 0 no. 12-16-19 D '66.

Work of the Scientific Council on the Efficiency of Capital Investments in Fixed Assets and New Equipment in 1961. Shor, neuch, inform, Nauch, sov, po eff. csn. fond kap vlozh, i nov tekh. AN SSSR no. 2:118-128 162

The year 1966. A. Umanskii, Izobr. i rats. no. 12;1-4 166.

TECHNOLOGISTS

fileological and political training of the technicians and engineers educated in prerevolutionary schools during the first five-year plan. L. I. Brodskii Frudy LPI no. 261-65-79 '66.

TICHNOLOGISTS, ARMENIAN

Attracting the old-time apecialists in technology of the A. K. Grigon !building of socialism in Soviet At means A. K. Griggiants Vest obshirhesty, nauk AN Arm SSR no 5:28-

TECHNOLOGISTS, WEST EUROPEAN see subdivision under United States

TECHNOLOGY

(see also subdivision under Europe, Lastern, Leningrad)

Dolgopolov, N.N. [Modern physics is for builders]
Sovremennala fizika - stroitellam. Moskva, Stroitzdat,
1966. 217 p. (Nauchno-populiarnala serifa.)

TECHNOLOGY-BIBLIOGRAPHY see Bibliography-Technology

TECHNOLOGY-INFORMATION SERVICES (see also subdivision under Poland)

Activities in scientific and technical information. Inform bial VDNKH no 95-9 S 162

Conference on the problems of scientific and technological information 7,1 Sokolova Plant mass, no 974-75 163

sti tekhnicheskoi informatsii. Kiev, 1965. 20 p. [MICROFILM]

TECHNOLOGY—POPULAR WORKS

Library of skilled craftsmon, V. Mikhailov, V mlreknig 6 no. 12 15 D 166.

TEDZHEN RIVER-SEDIMENTATION AND DEPOSITION

Regime of the Tedzhen River drift below the first and second Tedzhen Teservojus, B. K. Balakaev Izv. AN Turk, SSR Sci.fiz, -tekh, , khim i geol, nauk no 5:59-

TEDZHEN VALLEY-GEOLOGY, STRATIGRAPHIC

Middle and Upper Pocene sediments in the southern part of the Tedzhen-Murgab interfluve, M.I. Racyskii, Izv. AN Turk, SSR, Sor, fiz, -tekn, ,khim, i geol, nauk no 4.

Effect of the total-body fractional X-ray liradiation on by the hard tooth tissues of white rats. IU. A. Redorov, Vop. 1 addonoted. 4 169-168 161.

TEETH-DISEASES

Methodology of rendering first aid in stomatological discusses A.A.Akhmedov, Azerb.mod.zhur. 40 no.4; 110-115 Ap '63.

TEETH-RADIOGRAPHY

Lowered radiation doses in intra-oral roemigenography IU. I. Vojeh'ev, A. A. Kritekii. Vest. jent 1 rnd. 37 no. 3:63-61 My-Je '62.

Whys to improve radiation protection in dental radio-graphy P. A. Kanishthev, A.S. Riabtsev, Sov. med. 20 graphy P. A Kanis no 12 80 - 23 D 466

TEETH, FOSSIL

First find a tooth of Archidiskalan of, meridionalis (Noeth in White Russia, V.V. Scheglova, Dokt. AN INSER 6 no. 6-383-384 Jo 162

TEICHOIC ACIDS

Ribitol-containing teichoic acid from cell wall of Actinomy-ces: producent of antiblotic aurantin I R. Naumova. A N Dalozerskii Biokhimila 31 no 6:1276-1282 N-D '65.

TELECOMMUNICATION

(see also subdivision under Moldavia)

Characteristic of recommendations of the international Consultative Committee on Telephony and Telegraphy. G. A. Shigin, Elektrosvinz! 20 no 12:81-69 D !66.

Evaluation of phase distortions using the pulse response of a communication channel, E.A.Sukachov, Elektrosviaz! 20 no.12:77-78 D '66.

Features of multichannol communication in the optical pand with frequency division of channels, I. A. Dergiugin, V.N. Kurashov, Radiotekh, i eloktron. Il no. 12, 2147-2152 D ¹⁶⁸.

Honoring the glorious 50th anniversary, Vest. svlazi 26 no. 11-1-2 N 166.

Interference rejection of a two-channel communication system with stable difference frequency during ampli-tude keying, P.A. Konstantinov, Elektrosvinz 20 no 12:70-73 D '66,

"Interorgickhnika-86." Vost. svlazi 26 no. 11:30-32 N 168.

TELECOMMUNICATION (Continued)

Put arretise transformation of spectrum of video piles in the line B \ colomin | Lev v.s ucheb zav , radiotiz = 9 no 6:1227-1229 '66

We are proporting for the new system of management, N.V. Strellov, Vest system 26 no. 11 12-14 N 188

TELECOMMUNICATION-DICTIONARIES-POLYGLOT

[Telecommunications dictionary in seven languages, English-Russian-French-Spanish-Italian-German-Dutch. 9,000 terms | Semilazychnyi slovar' po elektiostiazi, anglo-i ussko-fi antsuzsi o-i spansko-itali-lansi-o-nemetsko-gollandskii. 9000 terminov. Mo-skva, Sov. Entsiklopedija, 1966. 708 p.

TELECOMMUNICATION—EMPLOYEES (see also subdivision under Vyborg, White Russia)

Workers of the red binner trust and their achievements, N M Shinele / Vest - 1321 26 no 11 17-19 N 66.

Contaction of telegraph apparatus in APS stations using voice-frequency carrier channels without terminal subscriber panels. G.V.R. about-skit. Vest smart 26 m. 11.3.7. N. 706

Interference rejection and relative efficiency of multipositional frequency telegraphy in intermittent communication channels. A L. Persikhiman. Elektrosviazi 20. no 12 23-50. D. 166,

Interference rejection of relative phase telegraph. P. A Gerastovskii - Izv vvs ucheb zam "radiotekh 751-757 N+D 186

TELEGRAPH-MAINTENANCE AND REPAIR

Optimal technical maintenance in telegraphy equipment tooms R. A. Strelkova Elektrosvia 20 no 12 79-80 D 'GE

TELEMLTER

Accurate superposition of extended objects, G.V. Dureiho. Izv.v.s ucheb.zav geod.i aerof. no. 3/129-133

TELEMETER (PHYSIOLOGICAL APPARATUS)

Radiotelemetry in baskethall. Teor A prak. fiz. +u141. 29 no, 11:46-17 N 166

TELEPHONE-EMPLOYEES see subdivision under

TELEPHONE—EQUIPMENT AND SUPPLIES

Equipment for additional multiplexing of telephone channels. N.S Posynaev, Vest sviazi 26 no 11 11 N 168.

TELEPHONE---NOISE

Impulse noise and short-term interruptions in telephone channels R.G. Zhitkevich, M. L. Shpillskii Vest sviazi 26 no 11 1-5 N '66.

TELEPHONE LINES-MAINTENANCE AND REPAIR [Operation of the cable lines of a rural telephone exchange] Ekspluatatstia kabel nykh linit sel'skoi telefonnoi sviazi. [By] L. B. Marimont i dr. Moskva, Sviaz', 1966. 86 p. (Biblioteka sel'skogo sviazista)

TELEPHONE STATIONS—ELECTRONIC EQUIPMENT KERROUSE STATIONS—ELECTRONIC EQUIPMENT Kharkevich, A D | Problems of the construction of switching cheuits in crossbar automatic telephone exchanges | Zadachi postroeniia kommutatsionnykh skhem v koordinatnykh ATS | Moskva, Red -izd.otdel VZES, 1964. 78 p.

[MICROFILM]

TELEPHOTOGRAPHY-ELECTROMECHANICAL ANA LOGIES

Using electric analogy in a telephoto lens with changing focus N.P. Zakaznov, Izv. vys. ucheh zav. geod. i aerof. no 3-125-128 '62,

Effect of the contactor system of a teletype transmitter on a law governing the distribution of boundary distortions, N.V. Zakharchenko. Elektrosviar' 20 no.12 18-53 D 166

TELEVISION

(see also subdivision under Kamchatka; Kazakhstan)

Information approach to the evaluation of sensitivity in photography and tolevision Part 1 Shortcomings of the existing systems of sensitivity evaluation and the information criterion of sensitivity, S. B. Gurevich. Zh nauch, i pi iki for i kin 7 no. 2 133-140 Mr-Ap (62.

TELEVISION-PRODUCTION AND DIRECTION

Att is born in work, Dm. Simkav, Sav. radio i tel. 12 no. 517-9 Je 163.

Latter to a colleague, I. Vorobiev. Sov. radio i tel. 12 no 6:4-6 Je 163

TELEVISION—RECEIVERS AND RECEPTION

Kirillo, L.R. [Television receivers; construction and operation] Televizionnye priemmikt; usiroistvo i ekspluataistia. Minsk, Belarus', 1968. 135 p. (Bibliotechka po radiotekhnike)

TELEVISION-STAGE-SETTING AND SCENERY (see also subdivision under Kharkov)

Photographic scenery, 1. Belova, Sov. radio i tel. 12 no. 6:33-35 Je 163

TELEVISION-TRANSMITTERS AND TRANSMISSION see subdivision under Leningrad

TELEVISION ADAPTATIONS

From the pages of a book to the screen, G. Groshev, V Getov Sov radio 1 tel 12 no 5 33-34 My '63

A novel by Jules Verne on the television serven. N. Ignatova. Sov radio i tel. 8 no 3 li-15 '59.

Transmission of a theater play. I. Vorob'ev. Sov. radio ıtel, 8 no 3·17 '59

TELEVISION AND CHILDREN

(see also subdivision under Erivan, Noril'sk, Kiasnovaisk Teiillory; Omsk)

School and life. D. Shengelevich. Sov. radio rtel. B no. 3:9 '59.

TELEVISION AND MUSIC

Propaganda of symphonic music. Sov. radio i tel. 8 no, 3 15 '59.

The television opera "Katerina," G. Kristi, Sov. radio 1 tel. 8 no. 3-16 '59.

TELEVISION AND SCIENCE see subdivision under

TELEVISION AND YOUTH are subdivision under Svei dlovsk

TELEVISION BROADCASTING

(see also subdivision under Leningrad, Perm Province

International relations of the Soviet radio and television. kh Sarkisov. Sov. radio 1 tel. 12 no. 5:38 My '63 A press conference of the Central Television, the Office of the Public Prosecutor of the U.S.S.R., and the Supreme Court of the U.S.S.R. Sots zavon. no. 11: 31-35 N '66.

Sincerity and loftiness, M. Genina, Sov. 1adio 1 tel. 12 no. 5,26-27 Je *63.

TELEVISION BROADCASTING-COMPETITIONS

All-Union competition for the best broadcasting, L. Kar-tsev, N. Sakontikov. Sov. radio 1 tel. 8 no. 3:20-22 159.

TELEVISION BROADCASTING OF FILMS

Television story. I. Belacv. Sov. radio i tel. 8 no. 3'

TELEVISION BROADCASTING OF NEWS

(see also subdivision under Riga, Rostov Province,

"Hungary, our friend," R. Strel'nikov, Sov. radio ftel. 12 no. 6:38 Je 163,

Television report. 1. Zelenov. Sov. radio i tel. 8 no. 3;

TELEVISION CIRCUITS

Reiman, V.E., and I.M. Pevzner. [Stages of the "Signal" television receiver in amateur radio designs] Bloki televizora "Signal" v radiolishitel'skikh konstruktslinkh, Moskva, Energiin, 1965. 109 p. (Massovala radiobiblioteka, no. 598)

TELEVISION IN AGRICULTURE

(see also subdivision under Kharkov; Lithuania)

Where is "the root of avil"? A. Fedotov, Sav. radio i tel 12 no 6.2-4 Je 167

TELEVISION IN EDUCATION

(see also subdivision under Poland)

Educational requirements for instructional television, L. P. Pressman Sov padag 30 no. 6 33-12 Je '66

TELEVISION IN PROPAGANDA

(see also subdivision under Minsk; Sverdiovsk) For lofty ideology and creative holdness 1 Sov, radio 1 tel. 12 no. 6:1 Je 163

TELEVISION PLAYS

(see also subdivision under Tokyo)

Attempt at Anna Pavlova. And, D'lakonov. Teati 21 no. 7;107-108 Ji 63,

For them the war has not yet ended, L. Zolotatevskii, Sov. radio 1 tel. 12 no. 6;30-32 Jo 103.

Smoktunovskii plays Mozari, G. Troliskaia. Teatr 24

no. 7:106-107 J1 163. Writers and television. Sov. radio i tel. 8 no. 3:10

TELEVISION PLAYS-STATISTICS

Television theaters in figures. V. Serrbrennikova. Teatr 24 no. 7:103-105 Ji 163.

TELEVISION PROGRAMS

(see also subdivision under Muscow; Tallinn)

A question worrying everybody. B. Stepanov. Sov. radio 1 tel. 12 no. 5:20-28 My 163.

We favor exchange | S. Lagutin, Sov. radio i tol. 12 no. 5:28 My '63.

TELEVISION STATIONS

Eight television stations receive their programming from Moscow. Sov. radio i tel. 8 no. 3:6 159.

TELEVISION STATIONS—DESIGN AND CONSTRUCTION see subdivision under Leningrad

TELEVISION STUDIOS see subdivision under Daepropetrovsk

TELLURIDES

New phase in three earth tellurides of certum subgroup. A V Eliseev and others. Lev AN SSSR, Neorg must. 2 no 12 2211-2215. D. 106.

Cathodic pulse polarography with storage — Determination of tellurite and selenosulfate, B IA, Kaplan, A 5 Re. a kova — Zhun anal, khim — 21 no 10 1/68-1271 766

(see also subdivision under Transcaucasta)

Selenium-tellurium electrophotographic layera S G. Grenishin, 10, A. Cherkasov Zhur nauch i pril 1 for 1 kin 7 no 2 121-127 Mc-Ap | 62

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Electric characteristics of tellurium doped with beline ii B Bagduev. S A Abakarov Fiz tver tela 8 no 7-2234-2237 Jl '66

TELLURIUM-BISMUTH-SELENIUM ALLOYS see Bismuth-tellurium-selenium alloys

TELLURIUM COMPOUNDS

Refraction of the thioures complex of tellurium with Refracte sait 1 L. Bagbanly, L.K. Gusefnov Dahl W. Azerb SSR 18 no 1:27-29 '62'.

TELLURIUM ISOTOPES

Ob'edinemyi institut ladernykh lasledovanii. Iabojate-lla ladernykh reaktsii. [Identification of Te lli by daughter isotopes of proton decay] Identifikatsii. ill're po decheinim produktim protonuogo i aspada. [by] D.D.Bogdanov i dr. Dubra, 1907. 12 p

TELLUROMETRY

G. N. Tkachev Gool i goofte no ilelii-121 '63

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TEMPERATURE-EFFECT ON ALKALI METAL ALUMINATES soo Alkali metal aluminates, i ffeet of temporature on

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TEMPERATURE—EFFECT ON IONIC CRYSTALS account to continuous crystals, Effect of temperature on

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TEMPERATURE-EFFECT ON NICKEL son Nicket, Effect of temperature on

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TEMPERATURE -EFFECT ON PLANTS see Plants, Effect of temperature on

TEMPERATURE -EFFECT ON PLASTICITY see Plasticity, Effect of temperature on

TEMPERATURE-EFFECT ON STEEL see Steel.

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Change in the thermostability and frequency of chromosome about attons in yeasts as a result of the adaptation to high and low temperatures 1 A, Zakharov Mikrobiologika 31 no 5853-856 S-O 462

Cremical analysis of pink salmon (Oncor hynchus gor buscha Wald) in gradient conditions or salinity and temperature G.D. Bochulov Trudy MMBI no 12,65-75 '66

Development of a method for proparing dry tissue small-pov vaccine. Report No. 3; Production of dry tissue smallpox vaccine and study of its their mostability. IU. Z. Gendon, V. N. Milushin. Prudy Moyk nauch -isel met-virus prep. no. 3.23-28. 105.

Effect of growth temperature on paraffin requirement by Candida tropicalis yeast I.N Pozmogova, N S Kuriatov Prikl, biokhim i mikiobiol, 2 no 6 610-643 M-D '66

histornolecular reactions in thermal inactivation of itra-diated in spain solutions V.N. Lizzkov T.V. Trosh-kina Radiobiologita 6 no 5 641-645 '66

Pantaperiodic reaction of silkworm (Bombys mori) caterpillars in relation to the temperature conditions of their development. M. I. Bahanych, Dop AN URSR no 11 1518 - 1520 162

Possibilities of nucleic acid and protein synthesis at low temperatures. V.G.Grif TSitologiia 8 no. 5:650-662 S-O '66.

Temperature optimum of the activity of some species of spanish opons files. N.A. Temperature, V.F. Zhelozova, Med. paraz i paraz bol. 31 no 5;503-599 S-O '62

TEMPERATURE FIELDS

Transportation of heat and moisture and formation of temperature fields and procepitation in Furopean part of U.S.S.R. V.G. Semenov - Frudy TSIP no 154:68-93

TEMPERATURE REGULATORS

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Automatic regulation of temperature of the top of the rerun column. A K Etoshvin, M. L. Fedorovskil, A T. Piyovarov Khim i tekh, topi i masel 11 no. 12 12-43 D 466.

Device for programmed regulation of temperature in the electric furnaces (UPR-3) Vest, AN SSSR 36 no. 12, 32 D 466.

MARS-200R automatic control apparatus. Prom. energ. 16 no. 1:83 Ja '61.

Modeling of the dynamics of thermal operating conditions of reactors for hydrochlorination of a etylene in the production of vinyl chloride V E Cortushko, V. L. Mironov. Rhim prom Ukr no 6:16-18 N-D *66

Use of "AMUR" temperature regulators in cold-storage warehouses. V A Selivanov, V, S Uzhanskii Khol, tekh. 30 no. 3 5-7 My-Je. 162

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skain. Treat has the Zeon, no. 371104-167 (66, Selecting the base of resistance tensioneders to study pulsation processes of short duration occurring in clastic systems I.I.A. Ivakin. [Nauch trudy] ENIKMASha no 1: 120-129 (66, Tensiometric determination of glass-1 ansition temperature I.M. Erlikh, F. IU. Nekhendzi Plast massy no 12 61-62 (66,

TEOSINTE

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TERBIUM-ANALYSIS

Phenyl salicylate fluorescent reaction for terbium, 1.,1,Kononenko, S. A. Mishchenko, N. S. Poluektov, Zhur, anal. khim. 21 no. il 1392-1394 166,

TERBIUM ISOTOPES

Lifetime of 226 9 Kov. level in This nucleus. P. Bedrosian, A.S. Kuchma, V.A. Morozov IAd fiz no. 5:905-908 N '66.

TEREK PROVINCE—HISTORY

Magomedov, S.M. [The October Revolution in the Terek region and in Daghestan] Oktiabr' na Tereke i v Dagostane. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1805, 221 p. (MH)

TEREK VALLEY-CITIES AND TOWNS, RUINED, EXTINCT, ETC.

where we can find the site of Tyutyakov, an ancient city of the Gazyges. V. A. Kuchkin. Izv. Sev. -Oset, nauch, -issi, inst. 25:169-183 '66.

TEREPHTHALIC ACID

Election microscope study of films of polyethylene terephthalate by means of oxygen etching technique K Z Gumargalicva and others. Vysolom good no 104742-1744. O '66

Proparation of graft copolymers Part 10. Grafting of styrene to polyethylene terej thindate (lavsan). V V. Korshak, K K. Mozgova, S P. Krukovskii "lysokom, soed 4 no 11;1625-1630 N '62

Spectrographic study of products of polycondensation of dictiviol terephthalate with an rous components P M Bugni, V, N, Konel'skaia, N M Timoshevskaia Vysokom soed 8 no 10:1677-1686 O '66

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TERNOPOL' PROVINCE-ROTATION OF CROPS Prospective plan and crop rotations, S. Dychko, A Ne-chai Zemiedelie 28 no 12 13-45 D 166

TERNOPOL' PROVINCE.—TRICHINA AND TRICHINGSIS Natural foci of tichinosis in Ternopol' Province with summary in Finglish. I.I.IArchenko Med punni parazibol 32 no.2;226-227 Mr.-Ap. 63.

TERPENOIDS

Experimental plant for pyrolysis of terpenoul compounds. V.G. Cherkaev Tindy VNIISNDV no 7 96-103 '65

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TERRAMYCIN AS FEED

Effect of feed terrainyoin and strain 2377 on the immunity in the case of Newcastle disease and pasteurollosis of chickens, P.N. Koturanov Veterinariia 13 no 12 18-20 D 66.

Effect of the scheme of using feed terramycin and its activity in swine raising N 1.Ovsianov Sbor nauch rab, SibNIVI no 11 229-231 62,

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FESTICLE—ABNORMITIES AND DEFORMATION (pseudo-Problem of so-called testicular format/atlon (pseudo-hermaphroditism with the testes in the inguinal cana). B.K Velt-zade, L.I. Aruin. Problendok, i gorm. no.1:99-102 Ja-F '63.

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breast and testicle V I. Loboda, K. P. Ganina Klin, onk. no. 1468-175 '65.

TESTING LABORATORIES

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State testing laboratories should help agriculture efficiently, L. Sh. Vinderman, Izm. tekh no. 6 54-55 Je 162,

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TESTOSTERONE

Synthesis of androstane derivative series. Report No. 12 Hydrazones and symmetric dihydrazones of 2n-methyltestosterone, 2n 17 - dimethyltestosterone and 2n-methyl-17n-ethyltestosterone. L. N. Volovel'skii Khim, prirod, socd. no. 5 354-359 '66

Use of testoster one and its synthetic enalogs in the treat. ment of severe chi onto hepatitis and livet circhosts L. K. Batkalov Sov med. 26 no 3:79-81 Mt '63

TETANUS

Diffect of decreasing temperature on the binding of letano-toxin in the central nervous system of warm-blooded animals IU. Elis, F. Rushkova Trudy LPAH no 32 178-182 '65

toxin. S. A. Kuznetsov. M. G. Mogian. Izv. AN Mold SSR no. 5:43 -49 '66.

Posteriante intensification of the spinal reflexes following deafferentation, N. V. Veher. Fiziol, zhur. 48 no. 10-1187-1104 O '62,

TETANUS-MICROBIOLOGY

Study on some factors influencing the authenticity of botulin and tetanus anatoxin titers following the flocculation reaction. A. A. Voroblev. Z. A. Voronova Zhur. mikrobiol., epid. i immun. 33 no 6:77-81 Je '62

TETANUS ANTITOXIN

Use of multi-ect hemagglutination reaction for quimitative determination of diphther La and tetamus antitoxins in serum II, Sapozinikovs, M.S. Zakharova Zhur Irika obiol cepid i immun 43 no 11 48-52 N. 166

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TETRACORALLA

Dvolution and genetic relations of the general representatives of Silmian Rugosa Putelophyllum Wdkd and Fyenkella Soshi A B Ivanovskii Geol i geofiz na 11.80-

TETRACORALLA, FOSSIL see subdivision under Fergana Province

TETRACYCLINE

Acute medicinal agranulocytosis with the presence of allergic antileucocyte automithedies developing after totracycline therapy. V. D. Dygin, R. K. Kuluzhenko, Probl. gemat 1 perci Provi. 8 no 2 52-53 F. 433.

Changes in the gonococci in the pus of patients under the effect of tetracycline, electron microscopie study T. P. Deartiffa Vest dermiven 37 no 3:11-43 Mt '83

Complexing of tetracyclines with different components of blood seaum G. I.A. Kivman, R. P. Por fit leya, A. V. Korolapova, Vop med Phim 12 no 6:591-597 N-

Diffect of single and repeated tetracycline introduction on the phagocytic function of the reliculcondotherial system. N. A. Kalhina. G. IA. Kiyman. Hall closp biol i med. 55 no 5,81-87 My. 163

Pharmacology of tetracycline preparations in intravenous introduction Glycocyclin, I A Storochev, S I Pidel shtein, M A Bykova, Antibiotiki II no II4017-1023 N 106

Study of biosynthesia products from a mutant of Actinomyces am cofaciens 1515 - V G Makarevich and others Authoritis II no 11:980-981 N 166

TETRAMINE BASE

Splitting late mirror isomers of letramine PhPyClMight PRCL, and shady of its amidation and chiorentialten f.1, Cherniany, T.N., Fedetova, O. Andrianova, Zhu neerg, khim, 11 no Il 2513-2518

Tetramines [Pi(NH₃)₃ PyCl₂] (NO₃)₂. [PiNH₃Py₃(l₂](NO₃)₃ and their acidic properties. A A.Grinberg, Rh. I. Gil'dengershell, V. F. Badanova, Zhur neorg khim. 11 no 11 2519-2523 N '66

TEXTROOKS

A new type of textbook for pt imany grades. E A Dmit-niev Sov pedag 30 no. 6.43-51 Je 466.

TEXTILE DESIGN see subdivision under Baltic States

TEXTILE FABRICS

Gundars, Julijs, and Ama Petersono. [Fabric and gar-ment materials] Audumu un apgerbu materiali, Riga, Liesma, 1965. 208 p. [In Latylan]

TEXTILE FABRICS-THERMAL PROPERTIES

Thermal properties of moist fabrics. N. P. Zamotaev. izv.vys ucheb zav ;tekh, tekst.prom. no 5:27-30 '66

TEXTILE FACTORIES see subdivision under Daugavails (Latvia)

TEXTILE FACTORIES—DESIGN AND CONSTRUCTION see subdivision under Uzbekistan

TEXTILE FIBERS-TRANSPORTATION

Movement of fibrons materials in the air stream. F. D. Potapov, lzv. vys. ucheb. zav., tekh. tekst. prom. no 5-136-141 '66.

TEXTILE FIBERS, SYNTHETIC (see also subdivision under Kiev, Ryazan; Ukraine)

Amimicrobic fabrics hased on graft copolymers of collu-logs with polymethyluplypyridine and polyacrylonitrile, A.D. Virnik, G.D. Posterova, Izv. vys. ucheb. zav., tokh, tekst. prom. no. 5-180 '86.

Assortment of synthetic fibors for the production of Hems for everyday and technical needs. M.D. Talyzin, D. G Mal'kova Zhur VKHO il no 6,672-876 [66].

Hent-resistant fibers G. I. Kudrinvisev, A. V Volokhina Zhur VKHO li no 6:665-672 '66

Improving the filamentous structure and the properties of collulose hydrate fibers. N. Drish. Zhur. VKHO II no 6:647-653 '66.

Modern methods for the production of starting monomers for the synthesis of the most important fiber-forming hotel ogeneous-chainpolymers. A. A. Artem'ev and others. Zhar VKHO It no.6612-619 '66.

TEXTILE FIBERS, SYNTHETIC (Continued)

Modification of synthetic fibris A A, Konkin, G, I Kud-riavtsev Zhur VKHO 11 no 6:637-647 '66

Pakshvet, A.B., ed. [Carbon chain fibers] Karbotsepnye volokna, Moskva, Khimila, 1966. 285 p.

Physical and hygienic properties of fabrics made from voluminous activities arti. M. I. Sukhatev, F. S. Levitan Izv. vys. ucheb. zav., tekh. leg. prom. no. 5 12-18 486

Some basic directions of the technological development of the synthetic fiber industry Z 4 Rogovin Zhur VKHO 11 no 6;602-611 '66

Study in the field of the modification of synthetic fibers by forming them from the melts of polymet mixtures F.V Nestukh, 4 V.Udin Izv vys ucheb zav , tekh log prom no 5 2 1-30 '66

Synthetic fibers with special properties A.D. Virnik, L.S. Galbrakh, P. M. Livshits - Zhur VKHO II no 6.

Technical and economic indices of the production and use of synthetic fibers in the national economy E. P. Iva-nova, G. A kirsanova Zhur VKHO 11 no 5 677-682 '66

Use of tissues with synthetic fibers in the manufacture of upholstered furniture N A, Morozov, K A, Kostiuchenko, Z, M Genkma. Der prom 15 no 12 3-4 D

Vinyl alcohol polymen fibers with special properties L A Volf and others Zhur VKHO II no 6:651-656 '66

Zernoy, C.V. [Organization and planning of the production of synthetic (thers) Organizatistia I plantrovanie productvastva khlmicheskikh volokon. Mostva, Khimila, 1966. 305 p.

TEXTILE FIBERS, SYNTHETIC-RESEARCH see sub-division under Ukraine

TEXTILE FIBERS, SYNTHICTIC-TABLES, CALCULA-TIONS, ETC.

Pakshver, A.B., and A.I.Meos. [Technological calculations in the production of synthetic fibers] Tekhnologicheskle raschety v proizvodstve khlmicheskikh volokon. Izd. 2, perer i dop Moskva, Khlmita, 1986 322 p

TEXTILE FIBERS, SYNTHETIC-TECHNOLOGICAL INNOVATIONS age aubdivision under Mogilev

TEXTILE FINISHING

Measuring the transverse shift of the fabric during its longitudinal movement on the machines of the dyeing and finishing departments A.I. Soldatov. Izv. vys. ucheb. zav. tekh tekst. prom. no 5-142-145 '66

TEXTILE INDUSTRY

(see also subdivision under Gorno-Altai Autonomous Province; Tajikislan)

In the Ministry of the Light Industry of the R.S.F.S.R. Tekst prom. 28 no 12 74-75 D 466.

Results of some studies of air ionization in industrial premises. E. V. Gorbunova, A. E. Solodikhin, Izv. vys., ucheb zav "tekh. tekst prom. no. 5/136-135 /66

Rudenko, I.E. [Organization of economic work in textile ontorprises] Organizatsila ekonomicheskol raboty na tekstil'nykh predprilatiiakh. Moskva, Legkaia industria, 1965, 275 p. (CaOTU)

Under the banner of socialist competition. Tekst, prom. 26 no.12 1-4 D $^{\circ}$ 55.

TEXTILE INDUSTRY-ACCOUNTING

Business accounting within individual production units and the mobilization of potentialities of production.

A A. Tishina. Uch zap. Kai sov. ekon Vys pirt shkoly no 3,80-91 '61

TEXTILE INDUSTRY-MANAGEMENT

Choose an expedient system, N.M. Antipova Teket prom. 26 no.12:60-61 p 466.

introduce scientifically based work organization in industry. Tekst, prom. 26 no. 12-8-9 D '66.

Zernov, E.V. (Organization and planning of the produc-tion of synthetic fibers) Organization i planti ovanic protevodstva khimicheskikh volokon. Moskva, Khimita, 1966. 305 p.

TEXTILE INDUSTRY-PERIODICALS

Conferences of the readers of Tekstillnaia promyshlen-nostl. "V. M. Popova, A. A. Razumeeva, S. I. Kugel' Tekst. prom. 28 no. 12 61-62 D *66.

TEXTILE INDUSTRY—QUALITY CONTROL

Classification of flaws in nonwoven stitched fabrics. A. M. Boltsova, M. I. Sukharov, Izv vys ucheb. zav , tekh leg prom. no. 5:8-41 '68

TEXTILE MACHINERY

Automatic straightening of west. O. Voskanian, M. Aru-tunian Prom. Arm. 9 no. 10-68 166.

Effect of the composition of the sprayed fluids on their properties and the effectiveness of action, V.V.Pod-gorkov, V.N. Latyshev. Izv. vys. ucheb. zav., tekh tekst. prom. no. 5:157-150 '58. Floats to phonomenona during the deterioration of yarn-guiding machine parts 12 T Basko Izv vv9 ucheb zav ,tekh leg prom no 5 162-167 '66

increasing the wear resistance of steel vain guides of textile machines by enameling, T. A Nimvitskale and others. Tekst prom. 26 no 12 53-51 D 166

New appliance for the detection of metallic parts in the folds of the cloth or on decection or metatic parts in the folds of the cloth or on the rolls of the calender. A Rastorguev Izv vys ucheh zav., tekn tekst prom no 5/120-123 [66]

The new V-180-Sh napping machine R G knopachev, Tekst prom, 26 no 12 52-53 D 166,

Study of loads in a drying and stretching machine during steady motion A I Thirdsenko, V P. Serdink Izv, vys ucheb zav , tekh, leg prom no 5 153-161 '66

Unwinding yarn from a cylindrical packing unit in the direction of the axis, G.K. Popova Izv zav ,tekh tekst prom no 5-146-151 '66 Izv vys ucheb

TEXTILE MACIJINERY—TRANSMISSION DEVICES

Some problems of studying and calculating the drive of the twisting parts of textile machines 1,9, Privalov Izv vys, ucheb, 2av ,tekh, tekst prom. no 5:152-156

TEXTILE PRINTING

Choice of the concentration of me oil phase of a water-oil type emulaton for printing with vot dyes. A. V. Senakhov, V.V. Koval' 1/v vys. ucheb. zav. ,tckh tekst prom. no. 5:95-98 '66

TEXTILE PRINTING-EQUIPMENT AND SUPPLIES

Use of a spherical cylinder viscosimeter for measuring the viscosity of pastes for printing with vat dyes I. M. Holomb. Leh. prom. no 2,31-38 Ap-Je '62

TEXTILE WORKERS see subdivision under Kiey

TEXTOLITE

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THALLIUM SELENIDE CRYSTALS

TiSe point diodes G.A. Akhandov, G.B. Abdulinev Dokl AN Azerb SSR 18 no 1:11-13 '62

THALLIUM SELENIDES

Evaporation rate of thalltum selentide (41 Se), L, Kh, Genov, A, N, Nesmeianov, IU, A, Priselkov, Vest, Mosk, un, Ser 2: Khim 17 no 5:34-35 S-O '62,

THEATER

(see also subdivision under Berlin, East; Brest; Estonia; Ivanovo; Kirov; Komi A S. S. R., Kursk; Lvov; Moscow; New York (City); Pskov)

Maiskovskii's the airicality, K. Rudnitskii, Teair 24 no. 7:23-30 Ji *63.

New collespondents of "Teatr," Teatr 24 no.7;132-130 JI '63.

Obstacles, IU. Fild. Tentr 24 no. 7:98-102 Jl '63, Seriously and responsibly. Test: 24 no. 7:128 Jl 163,

Concerning the contractual system and other questions. F. Evecov. Tent: 24 no. 7:55-65 J1 '63,

THEATERS-DESIGN AND CONSTRUCTION (see also subdivision under Budapest)

Design principles of theater halfs abroad. IU. Gnedov-akli. Arkhit. SSSR no. 12 23-28 466

Problems of designing theaters. Arkhit.SSSR no. 12:9-10 166.

Some problems of designing theaters. V. Bykov. Arkhit. SSSR no. 12:18-22 '66.

Type of new theater buildings and some standard requirements. B. Shcheputov Aikhit SSSR no. 12:11-17 '66

Ticks Ivodes ricinus and Rhipicephalus bursa as carriers of theileriasis of cattle, V.D. Meshcheriakova, Veterinarila 43 no 159-62 Ja 167.

THEODOLITES

Using small optical theodolite A.F. Kotiov Avt. dor. 29 no.12:24 D '66

THEOPHANES, The Greek, ca 1330-ca. 1409 Some remarks on the art of Theophanes, the Greek.
A.N Grabar. Trudy ODRL 22:83-90 '66

THEORY OF ERRORS see Errors, Theory of

THEORY OF GROUPS see Groups, Theory of

THEORY OF KNOWLEDGE see Knowledge, Theory of

THEORY OF NUMBERS see Numbers, Theory of

THEORY OF POTENTIAL see Potential, Theory of

THEORY OF SIMILITUDE see Similitude, Theory of

THERAPEUTICS

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Combined treatment of cancer of cervix uter (has alone materials of Crimea Province Oncological Proping 115 during 1053-1960 M. P. Skorobog (tail Milliams) no 1.00-83-35

Some combined methods for treating schizophi enter resistant to aminazine. V F. Buranov, R D Kepent, P.A. Kinekov. Zhur nevr, i psikh. 67 no 1145-146 167.

Treatment of exaudative catarrhal diathers in my horn infants A. N. Getdarov Azerb med zhar 10 mg/l/ 69 S 163

Use of desoxyribonucleic acid, amino acids, vitniains of the B'group, and ATP for the stimulation of restorative processes in animals with myountillal lesions, IU S. Chechulin Trudy Inst im N. V. Shiff 7-254-260 163

THERAPEUTICS, SUGGESTIVE

Gerke, R.P. [Hypnosis and suggestion] Oglphore I vnushenii. Riga, Zinatne, 1966. 74 p. (DNLM)

THERMAL ANALYSIS

Current state of their mography and its use in petrogaphic studies (V,P,tvanova). Min. syrte. In 17.5 fold 166. Phase diagram of the prosecolymium-sclenium by stem

V. I. Kalitin, E. I. IArembash, N. P. Luzhada SSSR Neorg, mat 2 no 11:1930-1930 N 465

System Mg₂Sn- Mg₂Ge, E.S. Makerov and others. Ir. AN SSSR Neorg mat 2 no.12 2116-2119 19 146 System titanium riron -silicon V.IA, Markiv, J. A. Lysenko, C. I. Gladyshavakii, Irv AN SSSR, Neorg m. 2 no 11 1920-1934 N 166.

Thet mal analysis of ger mantum - barium funishitty dis-gram V, G, Andrianov and others. 17v. AN 55511, Neorg. mat 2 no 11,2064-2066 N '66

Thermogravimetric study of complex compounds of berberine alkaloid base. D. D. Ikrami and other in Dokl AN Tadzh SSR 9 no. 12 24-27 166

THERMAL PETROLEUM PRODUCTION see Petroleum production, Thermal

THERMAL STRESSES

Mechanism of the origination of temperature streams to deformations in eastings. L. S. Konstantinov. 1 H profession on 1:25-32 N '63.

Thermal stresses in this plates with reinforced object IV M Koltane. Kents, napitarh. no. 1,111 116 '75.

THERMAL WATERS see subdivision under Kitkho; Valley; Pauzhetka Valley, Uzbekislan

THERMIONIC EMISSION

Emission of hot electrons from polar semicondurate with nonpurabolic dispersion. N.N. Gilgorice, I & Dykman, P.M. Tomchuk Izv. AN SSSR, Ser. fiz. 10 no. 12:1027-1020 D 160.

Emission payameters of faces of tungsten, molyl length and tentalum single of ystals (pare and impare), G. S. Shuppe, Izv. AN SSSR, Ser. fiz. 30 no. 12 19 15-10 11

Thermionic emission from hafnium and zinconlum curbides. N. A. Gorbatyl and others. Izv. AN SSSR, (a) fiz. 30 no. 12:1942-1919 D 166.

Thermionic emission of some borides of yitrhuo and galdolintum R M Manelis, L P. Grishha, A D Runov, Radiotekh i elektron 11 no 11/2098/2000+ N 166.

THERMISTORS

Analytical calculation of direct and severse relay effect with circuits with thermistors. L.M Regatio, Ten. elektrotekh, no. 1:102-107 [66].

Approximation and properties of the voltamps of chat-acteristic of a thermister. L. M. Rogalin (Jee). elektrotekh. no. 1:85-101 (66.

Scope of errors in temperature measurement in auto-matic control of heating. P. G. Baranovskii Lev. v. a ucheb. zav. ,chern. met. 0 no. 12 159-162 465.

THERMOCHEMISTRY

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THERMOCOUPLES

Calibration of thermocouples under dynamic conditions V. Pak. Izm. tekh. no. 6 23-28 Je 162.

Scope of errors in temperature measurement in automatic control of heating. P. G. Baranovskii. Izv. v) 8, ucheb zav. ;chern. met. 9 no. 12;159-162 166.

Study of the efficiency of materials for thermocouples. Kh, M, Kuliev, Izv. AN Turk, SSR, Ser, fiz, -tekh., khita, i geol, nauk no, 6;9-12 '62,

THERMODYNAMICS

Astrzhembskii, A.S [Thermodynamics and the history of its development. Termodinamika i Istorila ee razvi-tila Moskva, Energiia, 1986—686 p

Steady laminar flow of an incompressible fluid in a plane chained and in a circular cylindrical tube, allowing for the heat of friction and the temperature dependence of the viscosity 5 A Kaganov PMTF no 3 96-99 My-Je 162.

Studying the effect of weight velocity, underheating and pressure on the critical thermal load. A.P. Onutskii, A.M. Kichigm. Teplocnergetika 8 no. 2,75-79 F '61.

Thermodynamics of new phase formation by hansforma-tion in the solid state under hydrostatic pressure. D E Temkin. Doki AN 55SR 171 no. 5 1080-1083 D '66

THERMOST ASTICITY

Random thermoelastic stresses in wall caused by temperature fluctuations. M. kh Ibragimov, V.I Merkulut, V. D '66. V. I. Subbotin \tom cnerg 21 no 6 513-514

THERMOELECTRIC CRYSTALS

Structural mechanism underlying the electro-optical and thermooptic deffects in their modectric crystals of the triglyctae suffate type N.R. Ivanov, L. A. Shuvalov, I. D. Kislovskii – Dokl. AN SS-R. 171 no. 5 1092-1095 1 D F

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Estimation of the energy characteristics of current carriers in metals by the temperature dependence of the thermal electromotive force M.D. Smolin Dop. AN URSH no. 7 893-895 '63,

Thermore m f during plastic deformation N S. Akulov. A A Lukiwich Doki AN BSSR 10 no 9:632-535 5 56

Thermoelectric properties of the system CdSb - Bl and CdSb - Sn. D P. Biclotskyi, M S. Dundich, M P Kotsiumakha, Dop, AN URSR no. 7 089-892 *63 Thermoelectric water effect, T.S. Bibikov, V.T. Turik Privoda 55 no 12:59-60 466

THERMOMETERS

Dynamic characteristics of the sensitive elements for temperature measurements. A. P. Kopelovich, M. D. Klimovitskii, Teploenergetiki 8 no. 2:92-94 F '61.

THERMOMETERS AND THERMOMETRY, MEDICAL

Gastric elect: ethermometry in the diagnosts of different stomach diseases Report No 2 S, M Guseinova stomach diseases Report No 2 S, M

THERMOMETRY

Industrial measurement of copper temperature, B Stepanian Prom Arm 8 no 10 52-54 466

Use of thermopiles at subsonic frequencies, O.N. Gravin, O.P. Galakhova, E D. Koltik | Izm tckh no. 6 31-34 Je 162

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hiffeet of B, hyper - and avitaminosis on structural and uiti atructural reorganization in Endomyces magnusti f, M Volkova Mikrobjologija 35 no 5;817-823 S-Q '66

Effect of vitamin B₁ on production of immune antibodies in mice following levernycetin injection. M. V Kryvo-sheiava. Mikrobiol. Aur. 28 no. 6 75-78 486.

Fifect of X-ray it addation on biosynthesis processes and decay of phosphoric esters of vitamin B₁ L.V. Savitsdecay of phosphoric esters of vitamin B₁ I.V Savits kil. N. F. I cus Radiobiologia 6 no 6:807-811 '66

THIAMINE METABOLISM

Effect of neute poisoning with sedium fluoride on the accumulation of radioactive vitamin B₁ in the body IU, P, Nikitin Trudy Novokaz GIDUVa 32:140-142 465

THIAZOLIDINEACETIC ACID

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THIOCYANATES

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Substitution reactions in evalute compounds of uranyl of tetracid type in the presence of thiocyanate ions. schelokov, I. M. Shul'gina, I. I. Cherniaev. Zhur, neorg. IL no 11-2652-2661 N '66

THIOCYANATION

Thiocyanation of phenoi derivatives and quantitative determination of m- and p-cresols present together. A.A. Zelonetskala, N.N. Nikitino, G.P. Borodina, Trudy VNIBNEV no. 7:175-180 (65.

THIOLS

Acid hydration and nucleophilic addition of alcohole and mercaptans to arylalkylthicacetylenes, IU. A. Bolko, B.S. Kupin, A. A. Petrov. Zhur org. khim. 2 no.11: 1923-1928 N ¹⁶⁶

Iffect of thiols on free amino acid accumulation in cultures of micro-organisms F L. Ruban, L. B. Lobyreva Milrobiologija 35 no 5.784-786 5-O 66

α,β-Unsaturated theil acctates, Part I Vinylthiol acctate in homolytic addition reactions N.P. Petukhova, Γ.N. Prilezhaeva Zhur org khim 2 no 11 1917-1951 N

α,β-Unsaturated thiol acetates. Part 2. Vinylthtol acetate in dione condensation N, P, Petukhov, E, N, P, ilczhacza Zhur org, Fhim 2 no, 111954-1961 N 166

THIOSULFATES

Catalytic action of titanium (IV) in oxidation of thiosul-fat, with hydrogen perovide, V. A. Litvinenko Uri khim .hur. 32 no 12:1338-1312 '66.

Methodology for postmortem cytologic examination of washings of the thoracic duct in malign int abdominal tumors V A, Babacca Eksper khir i anest 8 no 6, 17-10 N-D '63

THORIUM

Angular distribution of fragments of Th^{2,32} fission by 1.6 Mev. neutrons | S.B. Ermagambetov and others, Pis', vied Zhui eksper i teoret, fiz. | 5 no i 30-44 Ja '07.

Geochemistry of thorium in the hypergenesis zone. V. A. Kovalev Dokl, AN BSSR 6 no. 6:379-382 Je '62

THORIUM COMPOUNDS

Coordination potentialities of ther ium. A.K. Molodkin, O.M. Ivanova Zhur neeng khim II no II 2456-2177

THORIUM COMPOUNDS-SPECTRA

Infrai ed absorption apertra of thorium distifite and products of its thermal decomposition [U. I.A. Khoritonov, V. N. Tver dokhlebov, A. K. Molodkin Zhur neorg khim 11 no, il 2008-2613 N. 465

THOUGHT AND THINKING

Some trends in foreign research of thinking. D. N. Zawalishina Vop. psikhol. 12 no. 6:176-182 N-D '66.

THROAT-DISEASES

Logopedic work and its significance for the method of comprehensive therapy of voice disorders due to organic diseases of the larynx, F.S. Almazova, Uch. 7np, MGPI no. 219:77-09 '64

THROMBELASTOGRA PHY

Normal indices of the ombelastogram and calibration of the ombelastograph. G. A. IAkunin Labredo no 1:34-37 '67.

THROMBIN

Lapop otein lipase as a humoral agent of the physiological anticongulating system B. A. Kudi inshov and others Biul eksp. biol i med 55 no 5;20-25 My '63

THROMBOSIS

Mitral comissus otomy in the ombosis of the left auricular appendage I, N. Meshulkin and others. Khirurgiin 39 no 2:64-69 F '63.

Prophylactic effect of the mostable products of fibringen resolution during experimental theombogenesia B.A. Kudrinshov, I. P. Baskova, T. B. Kovaleya Vop. med. khim 12 no 6:591-593 N-D 'GG.

Treatment of embolisms and thromboses of the pulmonary artory, N.M Rzaev Khirurgia 12 no. 11 109-114 N 466.

Vascular thrombosis in fractures of the hlp. E, V. Vel-chok. Trudy Inst. im N. V. Skiif. 7 392-396 483.

Venous thrombosis and embolism of the pulmonary artery as complications in fractures N. I. Egantsev Trudy Inst. im. N. V. Sklif. 7 389-392 '63,

THRUSHES

Porest tock thrushes LA. Neifel'dt, Trudy Zool, inst 39:120-184 466.

THUMB-WOUNDS AND INJURIES

Reimplantation of severed and simultaneous restoration of injured first fingers. P.D. Topalov. Travmatologi-ia no.1;271-277 '65,

THYMIDINE

Diurnal fluctuations of H3 shymidine incorporation into interphasic primary spermatocytes of mice G.P. Makedonov TSitologija 8 no 5 652-654 S-O '88.

Excretion and biosynthesis of pseudouridine and thymidine following irradiation, A.S Kosenko, N.A. Fedorov Radiobiologiia 6 no 5,682-686 '66,

THYMOLSULFONEPHTHALEIN

Spectrophotometric study of complexes of some elements with methylthymol blue, V,N Tikhonov, Zhui, enal, khim, 21 no. 10-1172-1176 '86,

THYMUS GLAND

Thymus gland in animals of different age following X-ray trradiation in relatively small doses. Vop. radiobiol, 4:19-24 '61,

THYROID GLAND

Effect of radioactive indian on the thyroid gland tissue following single and fractional injections. 1. A. Kashchenvo and others. Vop radiobiol. 4:212-251 61.

Functional activity of the flyr old gland in the celing bulls of various breeds. P. F. Elsner, L. P. Reznethenko, V. P. Plug ilyr ev. Scl'khor biol. 1 no. 6:901-910 156.

Mechanism of changes in thyr old gland functions during stress IV B Skelbel'skaia Problemdok i gorm no 1 111-118 Ja-F '63

Radionetive lodine and scintigraphy test for the determination of the functional state of the thyroid gland in oncological patients. T. N. Khitskala, Klin onk no 1 209-214 165.

Reaction of the thyroid gland to immebilization. Gordiento Travmatologiia no 1 141-118 '65

Some problems of her monology and thyroid gland reg-ulation. A Northeyd h, A V Tharhey Usp sovi biol 62 no 3430-145 N-D 166 Usp sovi.

State of the hypophysie-thyroid gland system in rate in the process of inducing liver tumors by means of paradi-metnylaminoazobenzene V P Grinchishin Vop onk 12 no 11:39-13 '66

THYROID GLAND—CANCER

Malignant adenome of the thyroid gland in an B-year -old child A P.Bogdanova, Problemdok, I gorm 9 no.1; 106-108 Ja-F

THYROID GLAND-DISEASES

Dynamics of changes in the electrocardiagram in thyrotoxicosis treated with radioactive todine M V Spiritonova. Med. rad. 7 no. 8:22-29 Ag 462

Intersignaling relations in various functional conditions of the thyroid gland, G. IA. Korneev, Zhui, vys. nei v, deiat. 12 no. 3 443-449 My-Je 162.

Role of the nervous system in the processes of thyroid gland hyperplasia M E Skatkev. Problemdok, i gorm 9 no.1,18-23 Ja-F '63'.

State of the secretory and excretory function of the stomach in thyrotoxicosis and hypothyroidism before and following treatment A.I Frolova Tindy 1-go MMI 43,152-157 165

THYROID GLANDS—SURGERY

Current methods in the treatment of thyrotoxicosis.

Z.M. Mamedov, M.M. Alikishibekov, Azerb, med.zhur.

40 no.2:8-12 F '63.

Dynamics of the accumulation of J131 at an early date following the operation on the thyroid gland, I.S. Mastbaum, Med., ad. 7 no. 8:15-22 Ag '52

Effect of thyroidectomy on the contractile function of the uterus in dogs | E.S. Kuz menko. Probl endok i gorm 9 по 1:30-34 Да-Г '63

Preoperative preparation of thyrotoxicosis nationts with reservine G M Gurevich, I S Masthaum Probendov I gorm 9 no 1:60-62 Ja-F '63

THYROD HORMONES

Effect of thyroid hormones on the content of individual protein fractions in the structural elements of rat liver cells, SIA, kapianskii S. A. (Usupova, Blokhimila 27 no. 5:907-911 S-O *62,

TIBIA-FRACTURE

Fractures of femoral condyle and of tible and their treatment. A 1, Surzhik, Travmatologiia no. 1;199-206 /65,

Methodology of metallic catecaynthesis of closed diaphysical fractures of the shin using K. M. Kifmov's modified nail. V. I. Kravchuk. Travmatologita no. 1 271-221 165.

TIBIA-TUMORS

Approach for the removal of timors of the external epimetaphysis of the tibin; 3 observations. V. P. Selivanov. Vop. onk. 12 no. 12:64-66 166.

TICKS see suidivision under Nathichevan A.S.S.R.

TICKS-EXTERMINATION

Repallent and toxic effect of chlorophos, chlorten, polychiloropinene, MGU-22, RP-1, RP-50 and dimethylphthalate on the tick Dermacentor marginatus Sulz; an abstract, E. I. Pokrovskaia, Mcd. paraz, 1 paraz. bol 31 no. 5 622 S-O 62.

TICKS-PARASITES see Parasites-Ticks

TICKS AS CARRIERS OF DISEASE

(see also subdivision under Biryuchiy Island; White

Identification of the virus of Kemerovo tick-borne fever. Evidence of the antigenic independence of this virus. M. P. Chumakov and others. Vop. virus. 8 no. 4:440-444 J1-Ag 183,

Ticks Ixodes ricinus and Rhipicophalus bursa as carriors of theilerissis of cattle, V.D Meshcheriakova, Vete-rinariia 43 no 1:59-62 Ja *87.

TIDAL WAVES

[Semiannual catalog of data on seismology, tsunamis, and gravity received by the World Data Center B1] Shestimes, kat, dan, po seism., tsun, I grav. July-Dec. 1965, publ. '66.

Tsunami problem in heter ogeneous sea. L.V. Cherkesoy. Okeanologiis 6 no.5:752-759 '66.

Effect of the inclination of the measuring till conflict records of Granforts open sea tide gauge. K. D. Tri en Probl. Arkt., no. 7 127-141, 159

Tushiakili, G.k., [Space and the natural rhythms of the carth] Kosmos i ritmy prilody Zemili Moskva, Prosveshcheme, 1966—118 p. (Novoe v nauke)

TIEN SHAN-AVALANCHES

Descent of a state let in Laugarzan Valley in period of redustribution of snowby And G.G. Kharitono. Trusted - Az nouch - isst gidnometeor inst. no. 27 117-

lettled for inrecesting a alancte danger according to intensity of sno falls in Tien Shan. M. P. Shelichalor Trud, Sied. -Az nauch -issl gidron etcor inst. no 27 130 - 141 | 166

TIEN SHAN-GEOLOGY, STRUCTURAL Tectories and history of Mesozue-Cenozoie de clop ment of Min}ush-Kolomeran depression (central Tren Shan) I Sadybakkov, IU A Tracher Sor geol 9 no 11:120-128 N 166

TIEN SHAN-PRECIPITATION (METEOROLOGY)

Accuracy of calculation of vinter precipitation at 1 icn Shan high mountain meteorological station BA
Kamalov, K Kh Ibragimov - Trudy Sred - W nauch issi gidrometeor inst no 27 51-59 '66

TIEN SHAN-ROCKS, IGNEOUS

Abademiia nauk SSSR, Institut geokhimii i analiticheskoi khimii [Geochemistry of the Variscian intrusive complexes of the northern Tien Shan] Geokhimita varisskikh intrusivnykh kompleksov Severnogo Tian'-Shania.
[By] R. D. Gavrillin i dr. Moskva, Nauka, 1956–246 p. Shinkatev, N. F. [Upper Paleozoic igneous activity of the Turkevian and Alay Rangos] Verkhnepaleozoiskii magmatizm Turkestano-Alaia [Leningrad] izd-vo Leningruniv. 1966–1509 univ., 1966 150 p

TIEN SHAN-SNOW-TEMPERATURE

Methods of observation and some characteristics of temperature regime of snow cover | E B Krasnosel'skii. Tindy Sied Az nauch rissi gidtometeor inst no 27 60-70 466

TIEN SHAN-SNOW LINE

Brief analysis of results of serovisual observations on location of snow line in mountains of western Fron Shien G E Glazyrin Trudy Sred -Az nauch -issl gidrometeor inst no 27 47-53 '66

TIEN SHAN-SOIL FORMATION

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Genesis of Solonetz-type sofis in central Tien Shon A M. Mamytov. N. K. Bazhenov Izv Kin fil Vses ob-va poehv no 2:29-36 '63

TIFLIS-CITY PLANNING

Tiflis plans Karakamysh-2 Sh A Kubusidze, S V. Titov Stroi i arkhit Uzh 7 no 11:21-24 N '66

TIFLIS-RESTAURANTS, LUNCHROOMS, ETC. -DESIGN AND CONSTRUCTION

"Krtsanisi" Restaurant in Tiftis N. Shoshitalshvill, Arkhit. SSSR no. 11:50 '66.

TIFLES-VETERINARY LABORATORIES

Georgian Republican Veterinary Laboratory is 25 years old. P.1. Khukhunaishvili Veterinarila 43 no 11, 7-10 N 166.

TIFLIS-WOODY PLANTS-FROST RESISTANCE

Wintering of introduced trees and shrubs during 1963/64 V. IA, Germeniak Biul Glav bot anda ın Tiflis no 63 3-6 '66

TIKHOMIROV, MIKHAIL NIKOLAEVICH, 1893-1965 [Archaeographic yearbook for 1865. In memory of Academician M. N. Tikhomirov] Arkheograficheskii czhegodnik za 1965 god. Posviashchen pamiati akademika M. N. Tikhomirova. Moskva, Nauka, 1866. 383 p.

TIKOTSKII, EVGENII KARLOVICH, 1893-Gusin, I.L. [Evgenii Karlovich Tikotskii; a sketch of his life and work] Evgenii Karlovich Tikotskii, ocherk zhizni i tvorchestva Leningrad, Muzyka, 1966 89 p. (NIC)

TILES

Making glass facing tiles by the semi-annealing method. V.S. Bordenuk, N.S. Solokhin Stek, 1 ker. 23 no. 11 39-41 N 468.

Quartz sands for coating ceramics. I. A. Konopel'ko, L. V Kriuk Prom. Bel 9 no 12,47 D 166

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Changes in physicochemical characteristics of the type of turf-Podotic soils in connection with the methods of basic tillage. E. V. Seredinskala, Trudy Un, druzh, nar. 14. Sel'khoz nauki no 1:113-124 166. Some problems of the theory and practice of tillage P Balev Zemledelle 28 no 116-12 N 466

TILLAGE-EQUIPMENT AND SUPPLIES

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Procurement and utilization of short timber, I K Knichenko Bum i der, prom no 3 62-63 Ji-S '62

I rom the manuscripts of V.I. Vernadskii. Vop. filos. 20 no 12 101-112 466

TIME AND ECONOMIC REACTIONS

Standard length of time in which capital investment pays for itself and its connection with the time factor G I. Chernomordik. Shor nauch, inform Nauch soy poleff osn fond Lap vlozia i nov tekh AN SSSR no 2 102-117

The time factor and the index of capital investment re-turns A Provacov Trudy Irk, un 10:79-94 165.

TIME PERCEPTION

Characteristics of the stages in the process of the formation of a conditioned reflex to time A S. Dmittlev. Zhor vys nerv delat 13 no 1.705-714 Jl-Ag *63

Diccirographic data on the work of "biological clock" in the human brain. L. G Voronin, V. F. Konovalov. Vop. paikhol 12 no. 6:87-94 N-D '66.

TIME SIGNALS

Official time at mean moments of radio signal trans-missions] Etal, vrem, v sied, mom, pered, i adiosig.

TIME STUDY

Determining workers! energy expenditure by the time study method: V.D. Patrushov Izv. SO AN SSSR no 9 Ser obshichesty mark no 3:61-68 '66

On the problem of studying the expenditure of time for the unproductive work V Z, Zdorovenko Lry SO / SSSR no.9 Sci. obshehestv nauk no. 3 58-60 '86

Practice in studying the organizational and technical equipment of workers' stations in enterprises. G. N. Nichigina Izv. SO AN SSSR no. 9 Ser obshchestv nauk no. 3 53-51 '06

Prerequisites and some efficient means for assigning work to workers. C V Maslov, Izv SO ANSSER no. 9, Scr. obshchestv nauk no 3 38-43 166.

Scientific labor organization in an industrial enterprise. Organization of the maintenance of worker's station. Sots trud 11 no.12,67-76 D '66.

TIMOTHY GRASS

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TIN ISOTOPES

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TIN ORES-SPECTRA

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TIRASPOL' (MOLDAVIA)—COMMUNIST PARTY OF THE SOVIET UNION

The city party committee and scanty party organizations. IA. Fomenko. Part zhizn' no.1:30-34 Ja 167.

TIRE FABRICS

Economic effectiveness of the use of various types of cord fabrics in the production of tires Z.A. Eremeeva, K. V. Kutepova. Izv. vys. ucheb, zav., tekh. tekst. prom no 5:3-7 166.

Technical and economic problems of the use of various synthetic fiber types in the tire industry. V F Evstratov, F, I IAshunskaia, G, S, Krasavina Zhun VKHO II no 6:683-683 '66

TIRES, RUBBER-REPAIRING

Determining the extent of the reconditioning and local repair of tire treads. F.K. Miller. Kauch, 1 rez. 21 no. 0:37-40 Je '82,

Ermakov, I. N. [Maintenance and repair of pneumatic tires] Ekspluatatsita i remont pneumaticheskikh shin. Moskva, Kolos, 1986, 222 p.

TIRES, RUBBER-TESTING

Method for determining the strength of the rubber and cord bond in repeated atternating stretch and compression deformations. M. K. khromov. M. M. Reznikovskii, K. N. Lazareva. Kauch, i rez. 21 no. 6:27-31 Je 162.

Studying the effect of the strength of the enteres of automobile three on the biservise life. I V I L G. In apparon, M I Revito Kauch Fiez no 6,24-27 Je 1/2

TISSUE CULTURE

Antigente properties a transplantable of cynomolgus mankey brait cell culture and annion. Full of eath P. R. Koslakov, T. P. Konstantinova, T. A. Poses na Vop. virus = 8 no. 1(198-501, JI-Ag. 164)

Control of pH balance of autificit medium in calification of mammatton cells. A. E. Khalizev. Vop. vines. H. no. 5-616-611. S-O 466

Detection of microviruses in apontaneously degeneraling transplantable cell cultures. A Seinbergus 11 no 6:685:688 N=D (66

Development of a method for propering dry these small-pox vector. Report No 1 study of optimal conditions for the multiplication of analipox vectors where in these culture. IU.Z. Gendon and others. Prudy Mosk much-issl institute prop. no 3.3-14.465.

Development of a method for preparing dry tissue small-pox vaccine. Report No. 2: Study of smallpox varcine. with a multiplication cycle in cells of thesine culture. IU Z Gendon, V A Mitiacy Trudy Mosk namely dash that white prep no 3 15-22 %.

Development of adenoman in organic cultures of endagonic lung timue of mice of S kolesnich ako Voponk. 12 no.12, 19-17 (66)

Paitheliumlike strain Isolated from culaneomuscular vias II no 5 607-600 5-0 266

Experimental production and control of cultured vaccine against tick-borne on ophalitts M.P. Chumnson others, Vop virus 8 no. 1415-420 Ji-Ag 16 t.

For mentative notivity of trypsin preparations for estain ing monostratal tissue cultures. Report No 1. Comparative study of dispersing properties and protectyte neity-vity of trypsin doter introble by gelatin and casein protectysis on film. T. G. Martaline. Triady Mosk namely—less institute prop. no 3:270-274, 465.

For mentative activity of tryps in proparations for obtaining monostratel tissue cultures. Report No. 2. Some com-priative data on activity and enzyme composition of Diffee commercial preparations P. G. Mertslina, N. I. Solovieva Trudy Mosk nauch -instrinct vites preparation 3,275-286 '65

for owth mechanisms of managery gland thange cell and in vivo Z, S, Khlystova Biol. chap.biol. i med 55 no 5:101-103 My [63]

Laboratory diagnosts of thicken post (F. B. Carvich Trudy Mosk namely dead instrume prop no 3-54

Methods of obtaining clonal cells from it anaplantable cultures oner into y culture of human embrase fibrabalats. P Andonov, 5 Dundarov, Vop virus 616-617 S-O '66

Morphogenesis of persistent infection of types 2 and 3 adenoviruses in F1. tissue rutture MB Maketmorich. L. A. Zubko Vop virus II no 6-646-762 N-D '66 Prolonged cultivation of enrecome 180 (Crocker) in

Chicken embryos. T. M. Maevskata, T. V. Migotha. Vest AMN SSSR 15 no 12 57-51 (60,

Study of polyoma virus in various lissue culture excrems cany or posyoma virus in various lissue culture systems. Chroat infection of transplantable APO-1 cells in lucely by polyoma virus. I. Sh. Vardosanidze, V. V. Menas gita, I. I. Mshvidohadze. Vop. virus. II. no 5 578-550 S-O 166.

Study of the karyotype of a monolayer culture of a human stomach cancer E. P. Ugrhimov, M. F. Luqueva-Maneva Biul olopphiol i med. 55 no 5:93-75 My stomach cancer

Study of tissue culture cells by means of intravital ad-crossiony V A. Mitlaev, S. IA Zalkind, L. G. Stepano, a Trudy Mosk nauch stant inst virus prep. no 3:226-234 '65.

The 24-hour rhythm of cell division in tissue cultures. N. I. Zaskal'ko Biul. eksp biol i med. 55 no 5:101-108 My '63.

Use of tissue cultures for studying encogenic viruses.

A.D. Timofeevskii Vest. AMN SSSR 15 no 12:5-

TISSUE EXTRACTS

Composition and biological properties of agor-lineur proparations. M.A. Makarov, V.A. Lehedev Veteri-narila 43 no. 12:49-50 D '66. Immunization by moons of homologous tiesues. Ch.I.

Burchtein. Pat.fiziol.; elap.terap. no.3;75-76 '64.

TISSUE METABOLISM

Changes in respiration and oxidizing phosphorytation in tissues of skeletal muscles in K systeminosis. 1. I. Matusis and others. Vop. med. khim. 12 no. 6 613-618

Effect of the componention of excessive intrapulationary pressure on the oxygen tension in brain tissues during ascents to great heights. E.A. Kovalenko, F.V. Pab-chinskii Fiziol. zhur. 48 no 10 1203-1208 O '52

TISSUES

Morphological characteristics and evaluation of the compensation-restoration changes in the tissues of an irradiated body. L.V. Funshtein. Vop. radioblol. 4

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Use of color inectify in studying order those in biological systems. Determination of tiesure water. E. L. Andro-nikashvili, G. M. Micvitshvili, P. L. Privalov. Dokl. AM 555R, 171, no. 5 1198-1200. D. 465.

TISSUES-PRESERVATION

Changes in the protein-electrolyte equilibrium in dogs following replentation of extremity preserved during 24 hours under ts+2-+4°C L M Saburova, G L Lipo-etskii Trudy 1-go MMI 49 186-106 '66

Simple method of preserving transplantable cells by freezing V I Marchenko, S N Rudneva, L N, Polydysheva Vop virus II no 6 761-753 N-D '66

TITANIUM

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Extraction of titonium with 2-ethylhoxylphoxphoric acids Report No. 2. Comple sometife determination of titanium in reextraction solution. 10, B. Kletnik, I. A. Bykhovskaia, Zhur anal khim. 21 no 12 1499-1501 166

TTANIUM—BRITTLENESS

High-temperature plasticity loss in titanium, B.A. Kolachev and others. Trudy MATI no.00:56-102 (66,

CITANIUM-E LECTROMETALLURGY

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TTANIUM—NITROGEN CONTENT

Determination of aitrogen in titanium by isotope dilution method, k B, O1 lova, E, N, Vitol¹, Zhur, anal, khum 21 no, 16 1263-1266 ¹⁶⁶

TTANIUM---WELDING

Certain peculiarities of titanium welding by nonconsumable electrodes with use of fluxes. S. M. Gurevich. V. N. Zamkov. Avtom. svar. 19 no. 12 13-16 N [4. c. D]

TTANIUM ALLOYS—HYDROGEN CONTENT

Indrogen distribution between phases in $(\alpha + \beta)$ -titanium aliojs. B. A. Kolachev, V. A. Livanov, A. A. Bukha-nova, Trudy MATI no. 66:76-96 '66.

TANIHM ALLOYS-METALLOGRAPHY

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ITANIUM CATALYSTS

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TTANIUM COMPOUNDS

Oscillographic polaroscopy of fluoride-chloride melts containing soluble compounds of titanium, IU, K. Delimuskii, R. V. Chernov, Ukr khim, zhur, 32 no. 12:1285-1291 '66,

ITANIUM CRYSTALS—DEFECTS

Effect of deformation rate on structural changes in tita-nium. V. P. Severdenko, M. Kalachev, P. P. Ankut. Dokl. AN BSSR 10 no.12;041-044 D 466.

ITANIUM-IRON-SILICON ALLOYS

ystem titanium - iron - silicon. V. IA. Morkiv, L. A. Lysonko, E. I. Gladyshevskit Iav AN SSSR, Neorg. mat 2 no.11;1980-1984 N '66

TTANIUM-MOLYBDENUM ALLOYS-METALLOGRAPHY sothermal transformations in titanium-molybdenum alloys, B. A. Kolachev and others, Trudy MATI no. 68; 39-52 66.

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Behavior of tituntum bearing minerals during hydro-ticermal alternation of amphibolites at Darasun gold or edepost, Transhatkalla, E. M. Streklim, Geol, rud, mestoroch. 8 no. 6;97-101 N-D '66.

FTANIUM-VANADIUM-ALUMINUM ALLOYS-HARDENING

Effect of hardening from a-field and subsequent tempering on nucleanical properties of the VT5-1 alloy. B. A. Kolachev. S. M. Fainbron. Trudy MATI no. 66:103-113

LTANIUM-VANADIUM-ALUMINUM ALLOYS-HYDROGEN CONTENT

Effect of hydrogen on processes taking place in VT3-1 alloy during aging. BrA, Kolachev, V.S, Liasotskeis, Trudy MATI no. 66:07-95 '66,

TITANOMAGNETITE see subdivision under Soviet Far East

TITRATION

Pramination of complex antigenic mixture using Outhterlony is method of entigen and entiserum the ation in a single test V.S Aprilin Lab delo no 1 11-13 67.

Titrimetric determination of sodium by means of anion cachangers, A.I. Riabium, IU A Afanasics, I A Alsenov Zhiu anal khim. 21 no 10 1258-1260 '66

TOBACCO

OBACCO Sketches from the history of the use of tobacco and makhorka, J.A. Minkevich Trudy Un druzh, nar. 14 Sel'khoz, nauki no. 171-86 166

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TOBOL'SK (TYUMEN PROVINCE)-COMMERCE

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TOGO-POLITICS AND GOVERNMENT

New regime in Togo. M. Kremney, Nov. viem. 25 no 4:16-17 Ja '67

TOILET PREPARATIONS

Hohavior of odorous substances in toilet soap, V.P. Ostpova and others Trud, VNIISNDV no 7 00-95 '65

Techniques of the portrayal of characters in The story of a common man M A Lynceva. Uch any Tuv mauch islainst inc. lit.ilst no 10;180-195 63

TOKYO-TELEVISION PLAYS

Page 24 no 7:153-154 Ji '63.

TOLERANCE (ENGINEERING)

Determination of diameter tolerance of three cone bit, S.G. Sultanov, P.A. Glandzhuntsev, Azerb neft khoz 45 no 12 43-46 D | 66.

Forging accuracy and rigidity of multiple-position automatic machines for cold forging, E.D. Brodskii and others. Kuz. -shtam, proizv. 8 no. 12:24-28 D

TOLSTOI, LEV NIKOLAEVICII, 1828-1910

The element of porody as reflected in the style of L. N. Toistol (War and Peace) I E Grineva Uch zap Kal Tolstoi (Var and Peace) gos red inst 43 3-21 65.

Forgotten interview with Lev Toistot, Nov.mir 38 no. 31235-238 Mr '6.l. L. N. Tolostoi's "Wat and peace." V mire knig 6 no. 10:

41 0 '66.

Lev Tolatoi's unpublished letters. Nov.mir 39 no. 3: 231-235 Mr 163.

Lonunov, K.N. [Face to face with Tolstoi; L.N. Tolstoi and our time] Litsom k liteu s Tolstym; L.N. Tolstoi i nasha sovromennost. Tula, Priokskoe knizhnoo lzd-vo, 1966. 39 p.

Tolstol lectures in Tulo M. P. Nikolsev Uch zap. Kel gos ped inst 43:181-189 '65 Zhishina, S. S. [Kind light in om afar, true stories about L. N. Tolstoil Dobryl svet izdaleka; nevymyshlennyo rasskazy o L. N. Tolstom. Moskva, Sovetskit pisatel', 1066, 254 p. (InU)

TOLUENE

Determination of butyllydroxytoluene in nystatin. V. B. Korchagin, G. B. Lolyshin, V. I. Nirenberchik, Antibiotiki II. no. 11 1047-1010 N. 166

Determination of 2, 4- and 2, 6-dinitrotoluones in a mixture, A.1A. Kaminskii, Z.A. Kozina, S.S. Citis. Zhur, anal, khim. 21 no.11 1380-1304 166.

Effect of surface-active substances on the formation of water sol in humid hydrocarbon medium B.V. Deriagin and others. Dokl. AN SSSR 171 no. 2:370-373 N 158.

Quality and stability of toluci. L. IA, Kollandr, G. M. Fomenko, L.S. TSebril. Koks t khim. no. 10:38-

TOLUENEDIA MINE-TOXICOLOGY

Toxicity of orthotoluidine and toluenediamine, the basic components of sewage resulting from the production of toluencellamine. P.S. Kraleman, N.S. Gorbani, Vod., kan., gidr. soor. no. 14108-115 '56.

TOLUMINE

Sex differences in O-aminoszotolusus excretion in the mouse. G. A. Helitskii Hinkeksp.biol.i med. 55 no 5:08-100 My 163.

TOLUBINE --- TOXICOLOGY

Toxicity of N, N-diekethyl-m-toluidine; short toxicologieal characteristics G N. Zaeva, M S Tolgak us Toks nov.prom khim vesheh no 8 147-151 166

Toxicity of or thotoluidine and to include diamine, the basic components of sewage resulting from the production of toluchediamine P S Krazman, N. S. Gorhan¹. Vod., van .gidi, soor no 1 108-115 166.

TOL'YATTI (KUYBYSHEV PROVINCE)-AUTOMOBILE INDUSTRY

A new automobile plant on the Volga V Poliakov Agi-tator 34 no 24 50 D 466

TOM VALLEY-PETROGLYPHS

Martynov, A.I. [Canceling to the land of our forefathers]
Lockil - v stranu predkov [Kemerovo] Kemerovskoe
knizhnoe izd-vo, 1986. 35 p Illus

Effect of preliminary grafting on the growth of pollen tubes in crossing tomato with the black nightshade 1. A Samsonova. Trudy last gen no.26 93-47 162.

Investigation of the characters of two pollinizers in tomatoes pollinated with mixed pollen M. R. Makhalova Trudy Inst. gen no 26 53-61 '62

Principles of selecting parent material in breeding carly tomato hybrids () 1 Erina Trudy Inst gen no 28 117-122 162

TOMATOES

Effect of trichloroacetic and on the development and absorptive capacity of tomato roots L. P. Moskalenko Khim v sel'khoz. 4. no 12 15-49 D. '66

Microflora in hydroponic and soil cultures of tomatoes
R. M. Uliashova Mikrobiologiia 35 no 5,671-877 5O '66

Studying the progeny grown from seeds of tomato grafted on Cyphomandia V A Vnuchrova Trudy Inst. gen. no 26 85-92 162

TOMATOES-DISEASES AND PESTS (see also subdivision under Urbekistan)

Effect of antibiotic substances on the tomato tumors caused by Pseudomonas tunctaciens. A.D koveshnikov Mikrobiologila 31 no 5 827-831 S-O 162

TOMATOES-FERTILIZERS AND MANURES

Piffect of the forms of nitrogen fertifizers on the yield of tomatees in bog and Sicrozen-brown soils A.A., Gusemov. Agrokhimita no.12:15-17 D 186

TOMATOES-VARIETIES

Some characteristics of the tetraploid forms of common tomate (Lycoper sicon exculentum Mil.) T I Soboteva Spor, trud asp I mol, nauch sotr, VIR no. 2 198-208

TOMIN, NIKOLAI DMITRIEVICH, 1886-1924

N. D. Tomin V Dushen'kin Voen -ist zhut S no 12; 119-123 D '66

Pliushchev, V.A. Nikolai Tomin, Moskva, Voenizdat, 1966, 146 p. (Sovetskie polkovodtsy i voenachal'niki)

TOMSK-TELEVISION AND SCIENCE

Propaganda of scientific knowledge. G. Pytliakov. Sov. radio i tel. 8 no.3:13 '59.

TOMSK PROVINCE-LOAM SOILS

Using form soils of Tomsk Province for making became it. A. V. Petrov. Izv. vys. acheb. zav., stroi. i arkhit. 9 no 0:57-61 '66.

TOMSK PROVINCE-PETROLEUM INDUSTRY-CON-GRESSES

Conference on the winning and utilization of petroleum and gas in Tomsk Province. G I Kaz min. Khim, i tokh, topi, i massi il no, 12,57-58 D '66.

TONGUE-CANCER

Balmakanova, S.Sh., and M.K.Musagaltev. [Prevention of cancer of the oral cavity and tongue] Prolliaktika raka polosti rta i iazyka. Alma-Ata, "Kazakhstan," 1966, 22 p. (DNLM)

Results of treating cancer of the tengue and the mucous cavity of the mouth by a combined method with the use of tailfoactive cobalt. I M. Votontsov. Klin. onk. no, 1 34-39 165,

TONGUE-DISEASES

State of the nervous system in glossodynia, R.Kh. Maksudova, E.I.Golutva, Zhur, nevr.i psikh, 63 no li 27-30 '63.

TONGUE-SURGERY

Significance of the extraorganic portion of the lingual artery in surgery for tumors of the tongue, P. IA. Ezau, Khirurgila 42 no.11:120-130 N 166.

TONGUE-THMORS

Significance of the extraorganic portion of the lingual artery in surgery for tumors of the tongue, P.IA Ezau, Khirurgifa 42 no.11:129-130 N 166,

TONSILS-DISEASES

Diagnostic and prognostic value of the mine color sedimondation test and the reaction of comparative helpocyto-sis of the blood in the treatment of the onic tonedhits in children L. V Shakhnovich Arcib fred zhu no 193-46 hp '83

Effectly eness of rountgenotherapy of chi onic tonsillities based on data of cytological contents or laconic and allergic skin reactions R IV Gasult, IA D dissionsh-mk Vest centural 37 no 372-73 My-Je '62

TOOL AND DIE INDUSTRY-MANAGEMENT

A branch of industry enters the field of the economic reform k V Rudney kommunist 43 no 1 67-63 Ja 167

TOOLS

Blin, B., and N. Dobrzhinskii. [Diamond abusive tools in the machinery industry] Almazno-abrazivnyi instrument v mashinostroenii. Riga, Latviiskii respubl.in-t nauchno-tekhn, informatsii i propagandy, 1966. 58 p.

TOPATA REGION (KAMCHATKA)-REBRING

The Copsta lake herring stock V G Prokhorov Vop geog Kanch no 3 115-116 465

TOPOGRAPHIC MAPS

Using topographic maps on a scale of 1:10,000 for calculating work plans on irrigated land, IU K, Neumyvakin lzv vys ucheb zav "geod i nerof. no. 3:21-27 '62

TOPOGRAPHICAL SURVEYING

Theorem in error adjustment, E.V. Popova, Izv. vys. uchob zav "geod i aerof, no. 3/29-33/162

TOPOGRAPHICAL SURVEYING-EQUIPMENT AND SUPPLIES

Modernizing the processes and design of the STD-2 topographic stereometer G D Fedoruk Leveys which zav , good, ractof no 197-107 '69

TOPOGRAPHY

Voroncy, A.A. [Topographical manual for tourists]

Spravochik turista po topografii. Matkop, Advgelskoe
knizhnoe izd-vo, 1963. 108 p

[MICROFILM]

TOPOLOGY

Limits of molecular measures in certain spaces, I. A Birezanskii Dokl AN SSSR 171 no 2 251-253

Methods for introducing topology into random metric spaces, D Kh Mushtari, A N Sherstner Izv. vys. ucheb zav "mat no 6 99-106 '66

TORQUE -- MEASUREMENT

Measuring crankshaft torrue of a heavy machine with a branched force flux. V A Zd no den Vest mashinestr. 15 no 12 35-56 D 466

Gorelov, L.K. (Torsion, theory and problems. Methods manual on the strength of materials) Kruchenie, teorita Izadachi, Uchebno-metodichoskoe posobio po sopro-tivleniiu materialov. Moskva, Mosk. stankoinstiumen-tal'nyt in-t, 1964. 39 p.

[MICROFILM]

TORTOISE BEETLES-EXTERMINATION

Sugar beet tortoise beetle E. Matis. Zashch rast 11

TOT'INA (VOLOGDA PROVINCE)-MANUSCRIPTS

Report on the archival expedition to the Krasnohorst-District, Archanged Province and the city of Totina, Vologda Province in 1980 A M Panchenko, Trudy ODRL 18,426-431 '62.

TOURISM

(see also subdivision under Caucasus)

Organizing tourist excursion transportation. A.A. Chennish, N.V. P; avdin, Zhel, dor, transp. 48 no. 7; 34-36, Jl '66. Ourside the red borders. A. Iglitsvii. V mite knig 5

no 10:23 O 166

Approximate determination of the drift angle of cargo motor ships and pusher tug trains P. A. Malyi, Trudy LIVT no 31 135-139 485.

TOXEMIA

Role of the reactivity of the organism in the development and characteristics of the course of chronic intoxice tions in children. R A Koljuzhneia Vest AMN SSSR 17 no 10:59-67 '62

TOXINS AND ANTITOXINS

Constants of the rate of erythrocyte lysis by the a toxin of Clostridium perferingens type A in various animals N. E. Sinadskii, I. G. Polozova Zhur, mikrobiol., epid.i immun 33 no.6:116-117 Je '62

Effect of ordiation and phosphorylation processes dis-turbance on sensitivity of irradiated animals to micro-bial toxins. P N Kiselev, V. N. Sivertseva. Radiobiologiia 6 no 5 763-765 '66

Effect of Pasteurella postis toym on the histaminoperic offect of the blood in white rate and guinea pigs Domaradaku, V I, Krupanina Bul eksp biol i med 55 no 5 48 51 My '63

Intrade; met anatosin therap, of staphylococcid infectional Silvan Dan Zhan mikrobiol, epid i immun 33 no 6. III-li5 Jc '62'

Study onsome factors influencing the authenticity of botu-lin and totanus anatorin titers following the floculation reaction A. A. Vorob'ev. Z. A. Voroboxa. Zhui influobled reptil timmin 33 no 6,77-81 Jc 162

(see also subdivision under Bukovina)
Beheet's 'Indrome in a patient with toxoplasmosis

Hencet's synarome in a patient with cocopiasmosis B. L. Kiasnov, I. S. Kareneetskii. Vest dei in i ven. 37 no. 3:56-58. Mi. '63. Epideniological characteristics of toxopiasmosis. S. I. Konevalova. Zhui inihobiol. epid i immun. 43 no. lli 111-143. N. '66.

Experimental toxoplasmosis in reindeer. V. V. Kniychev, G. H. Kanonov, E. S. Kazanovskii. Veterinariia 43 no. 11,42-45 N. 166.

Incidence of toxoplasmosis in congenital human deformi-ties O A Syratukhina Sov med 29 no 12 III-II i ties O A Syratukhina D 466

Infection of animals with tovoplasmosis. I. G. Galuro. Veteriant tia 43 no 11-10-12 R 166
Review of the book "Problems of tovoplasmosis", S.P. Karpoy, Med parar. I parar. bol. 32 no 2:228-229 Mr.

Role of toxoplasmosis in changes in the nervous system in congenital defects of the heart and large vessels in children R. A. Kovaneva, M. A. Pronina, N. A. Bykova Vest AMN SSSR 17 no 10,40-44 %2

Study of toxoplasmosis, review of literature. A N. Guse nov, T.G.Shin inova. Azerb. med. zhun. 10 no 2 3-7 F 63.

Zasukhin, D.N., ed. [Diagnosis of toxoplasmosis] Diag-nosilka toksoplazmoza, Moskva, Meditsina, 1906, 180 p. (Biblioteka prakticheskogo vracha) (DNLM)

(see also subdivision under Dymkovo, Kirov Province)

Rattles, IU Maksimov Doshk, vosp. 39 no. 12-89-90

TRACE ELEMENTS

(see also subdivision under Black Sea; Polesye, Urat Mountains)

Study of some 1 epi escritatives of the genus Pulmonai is for their content of trace elements. N. I. Grinkevich for their content of trace clements Apt delo 12 no 1.27-30 Jn-F '63

TRACE ELEMENTS-EFFECT ON PLANTS see Plants, Effect of trace elements on

TRACE CLEMENTS-PHYSIOLOGICAL EFFECT

Effect or complex compounds of microelements on intensity of C¹⁴ - glycine inclusion into gamma globulm and antibodies of monirradiated and irradiated rats A. Nikolaev. S M. Khalifaev. Kh R Makhamroadzhanov Radiobiologiia 6 no 6,802-803 '66

Diffect of nonspecific gamma globulin and trace elements on reserve alkalinity in the blood of calves. M. E. Kondrat'ev Veterinariia 13 no 12:78-60 D '66

Effect of trace elements on the course of brucellosis. K.V.Shumilov Veterinaria 43 no 1 34-36 Ja 107.

TRACERS (BIOLOGY)

Radiometric investigation of salivary glands with the aid of radioactive fedine L. A IUdin, Med. rad. 7 no 8 3-11 Ag 162,

TRACHEA-CANCER

Resection of the carina of the tracheal bifurcation and medial walls of both main bronchi with sinistrolateral pneumonectiony for malignant adenoma, N. D. Garin, I A. Maksimov. Khirurgiia 42 no 11 81-84 N 166

TRACTION ENGINES

D. C. traction moiors without commutators. B. K. Baranov, B. R. Bondarenko. Zhel, dor, transp. 18 no. 10: 51-54 O '66.

TRACTOR INDUSTRY see subdivision under Leningrad

TRACTOR INDUSTRY-COSTS see subdivision under Kharkov

TRACTOR INDUSTRY-FINANCE see subdivision under Comel

TRACTORS

Advanced design of tractors; seminar. Inform, blul. VDNKH no. 8:10-11 Ag 102.

Heciaies of surface tillage and tractor work, Kh. Pe-chonyi Ekon, selikhoz, 42 no. il-66-76 N 166.

[A manual for the tractorist] Posoble traktoristu. Izd. 3., perer. i dop. Moskva, Mashinostroente, 1966, 614 p. (DNAL)

Operational reliability indices of the "Kirovete" K-700 tractor M.A. Khallin, G.Q. Gerasimov, Trakt, i sel-khozmash. no. 12 1-4 D '66.

Power supply for reclaiming new areas in the Kelkhida Lowland C. V Kylzhinadze Subtrop, kulbi no 3: 145-156 ¹66

Some characteristics of traction calculations for a timber skidding tractor S.P. Zorin Trakt I selikhozmash, no 12 10-11 D '56
Some requirements for a self-propolled chasts used on irrigated cotton farms, S.V. Ampley Kala, M.S. Pak Nauch trudy UzNIIMI' no. 5 3-7 '58.

Use of speed reducers on foreign tractors. M.I. Zintuis, Strat I don mash, 8 no. 6:19-20 Jt. 163.

TRACTORS-DYNAMICS

Distribution of torque among axles of a tractor of increased readability, V.E Gorelikov, Zap. 151-111 96:26-32 '65.

Effect of the frontal driving axis on the dynamics of the turning of a tractor M. S. Gorbunov, V. I fant'ev. Zap. LSKHI 96-62-68 '65.

TRACTORS-ENGINES

Apparatus for the automatic control of the speed materiof a tractor engine and mechanical calculations of the operation. P. E. Aksarin. Zap. I SKIH 96,129-130 '65.

Determining the lead of a tractor engine on throttled pressure. A.S. Reihtin. Zap. LSKIII 90:39-41 '0

TRACTORS-FUEL SYSTEMS

Causes of the coke clogging of the nozzle orifices of the the linjectors of the engines designed by the Vladhah Tractor Plant IA I., Eidel'man and others Trakt. I sel'khozmash no. 12 4-7 D '66.

TRACTORS-HYDRAULIC EQUIPMENT

Dynamics of the automatic hydraulic amplific; of adhe-sion weight, A. A. Grombcherskii, Zap. 18kiii 198417 123 '65.

TRACTORS-TESTING

Studying a translatorized integrator for agricultural elec-tronic measurement devices. A. L. Melia. Trudy GRUZNHMUSKHa 8 no 2 99-106 462

TRACTORS.—TRANSMISSION DEVICES

Automatic control of the progressive friction in mamin-sion of a wheeled tractor. A.I. Pilzurov. Zap. 1.5KHI 96:113-116 465.

TRADE UNION LIBRARIES see Libraries, Trade union

(see also subdivision under Caribbean Area: Central America, Kutach District; Kazakhstan; Maritime Territory, Minsk Province; South America; Taymyr National Area, Tuva A. S. S. R.; Ukraine; United States)

Bochkova, I.N., and M.I.TSityer, [Rights and dulies of the trade union committee] Praya I oblazamosti konf-teta profsoluza, [Moskva] Profizdat, 1068, 78 p. (Bibliotechka sel'skogo profsoluznogo aktivisla, 12(60)) The construction committee of trade union takes care of that, A. Bortsov, hov. profesoluzy 32 no. 24:25-26 D '68.

[Decisions of the All-Union Central Council of Trade Unions] Spor. post, VTSSPS Ap-Je '66.

Gruzdev, V.P. [Trade-union committee and collective farm management | Komilei profesiuza i praviente kul-khoza, [Moskva] Profizdat, 1966. 37 p. (Biblistechia) sel'skogo profesiuznogo aktivista, no. 17(55)

Koviun, P.I. [We have rich harvests overy year] Unia kazhdyl god vysokie urozhai. [Moskva] Profizdal, 1966. 46 p. (Bil no. 21(69)) (Bibliotechka sel'skogo profsomznogo aktivista,

Our support I Besedin. Soy.shakht. 12 no 4:21 Ap '63

Oysov, A. IA. [Housing and service industries on a state farm] Zhillishchno-bytownia rabota v sovkhoze, [hfo-skva] Profizada, 1986, 60 p. (Bibliotechka sel'skoge profisoluznogo aktivista, no. 24(72))

[Participation of trade unions in land improvement] Uchastic profections v mellorateit zemelt. [Moskwa] Profizdat, 1986. 46 p. (Bibliotechka soltskogo prof-soluznogo aktivista, no. 18(60))

Participation of trade unions in the review of judicial decisions by reason of newly discovered Lindumbate Ca M.I. Shtefan, Prayoznavstvo no. 1 103-109 485.

Point of the application of efforts. I. Melenevskii, flow profestury 22 no 23:15-17 D '66.

Regulation on the technical inspector of trade unions. Okhr tiuda I sots strakh. 9 no.12:20-28 D 166.

Reports and elections of trade-union organs. Sev. profectivey 22 no. 23:2-3 D 166. Self-will M. Shapiro Sov shakht. 12 no. 4:25 Ap '63

Sergecya, Z.V. [Workers' trade union committee and establishing work norms on state farms] Rabceiken i normirovante truda v sovkhozakh. [Moskva] Profisdat, 1966. 46 p. (Bibliotechka sol'skogo profischunego aktivista, no. 20(68))

Trade-union cultural organs on the eve of the 50th anniversary of the Great October. Neftiantk II no.11:18-19 N GO.

Trade unions are active participants in the nations ide struggle for the further upsurge in agriculture, Top No. 4. Sov. profession 22 no. 24:20-33 D '66.

TRADE UNIONS-CONGRESSES

Fourth Plenum of the Central Committee of the Trade Union Soy shakht 12 no 1 32 Ap '63

Basulta of the 3d International Conference of Trade Unions of Workers of the Textile, Clothing, Licathon, and Footy ear Industries A 1.1\sinetskaia Tekst, piem 26 no 12 69-70 D 166,

TRADE UNIONS-RECORDS

Rareinaia, R.N. [Trade-union documentation of the workers' committee] Profsoluzinge khorlaistvo 1.boch-koma. [Moskva] Profizdat, 1966. 29 p. (Bibliotechka sel'skogo profsoluzingo aktivista, no.10(58))

TRADEMARKS

Firms and trademarks G Rubezhov Sotalizakon 43 no.1241-42 D 466.

[Inventions, industrial samples, trademarks] Izobr., prom.obraz., tov. znak. nos. 1-2 '67.

TRAFFIC ENGINEERING see subdivision under Leningrad, Moscow

TRAFFIC SAFETY

Polley, M. K. [Ways for increasing traffic safety in auto-molive transportation] Patt povyshenila bezopasnosti dvizhenila avtomobil'nogo transporta, Moskva, Vysshaia shkola, 1965. 83 p.

[MICROFILM]

Traine organization and safely Avt transp. Il no 7 47-50 Jl 163

TRAINING OF EMPLOYEES see Employees, Training

TRAINING OF TEACHERS see Teachers, Training of

TRANQUILIZING DRUGS

Treatment of schlzophrenia with galo mizon (20-28 MD)
G.IA. Avrutskii, 1 IA Gurovich, IU A Aleksandrovskii
Zhur, nevr i psikh 63 no 1;87-91 63

TRANSAMINASES

Activity of serum transaminases in epidemic hepatitis in childra, K. A. Amirdzhanov, Azerb med zhur no 8 60-86 Ag '62

Changes in the activity of some blood secum enzymes Changes in the activity of some blood serum enzymes uspler the effect of strong stimuli on the body. M. L. Belen'kif. A. F. Bluger. IA, IA, Shuster. Biul ckep biol i med 55 no.5:67-69 My '63.

Clinical significance of unnominase and phosphatase enzymes in Butkin's disease. N B. Tagieva. Azerb. med.zhur. 10no 1,32-38 Ap '63.

Comparative study of aspartic aminomasicrase in

emitochondria and in soluble put of liver cell of mice and some mouse hepatamas T.N. Kopylova-Sylvidova, V. L Nemchinskais TSitologija 8 no 5:672-675 S-O

Interrelations between the enzyme catalyzing direct structural elements of cells of the rat myocardium M A.Davtian. Biokhimlia 27 no.5:899-903 S-O '62.

13 casible arguiffeance of the inhibition of pyrocatechol-O-methyltransferase in the mech mism of apomorphine erfeet M.L Belen'kii M Vitolina, R Vitolina, Trady LPMI no 32 15-21 165

Substrate specificity of devirin 1-glycosyl-transferase, A.N. Petrova. Blochimita 27 no 5:08"-888 S-O 162.

T FRANSBAIKALIA—ADMINISTRATIVE AND POLITICAL DIVISIONS

Some problems in establishing local administrative and economic regions in northern Transbalkalia, IU P Mikhailov. Dold Inst. geog. Sib. I Dal', Vost. no 941-52 '66.

TRANSBAIKALIA-COMMUNIST YOUTH LEAGUE

Miliant youth; articles, sketches, and recollections about Transbalkalian Komsomols of the twenties]
Boevata moludost'; stat'i, ocherki, vospominanila o zabalkal'skot komsomolit dvadtastykh godov. [Irkutsk]
Vostochno-Sibirskoe kuizhnoe izd-vo, 1965, 109 p. (MH)

TRANSBAIKALIA---CORDIERITE

Cuartz-cordiorite symplektites in Archean rocks of northeastern Transbalkalia V. I. Shulkliner Izv SSSR, Sor gool 31 no 12:66-73 D '66

TELA NSBAIKA LIA-ECONOMIC GEOGRAPHY

some problems in establishing local administrative and sconomic regions in nothern Transbalkalia, IU P, Mikhailov. Dokl. Inst. geog Sib, i Dail, Vost. no. 9-11-

TRANSBAIKALIA—FLUORSPAR

Some characteristics of formation of Solnechoye fluorite deposit (castern Transbalkalia) A. A. Cherepanov. G. C. Grushkin Geol i geofiz no.9:83-93 '66

TITA NSBAIKA LIA-GEOLOGY, STRATIGRAPHIC

New dats on stratigraphic position of Zun-Murin series (western Transbaikalia). V. G. Belichenko and others Geol i geofiz no 9:180-133 '66

TRANSBAIKALIA-GEOLOGY, STRUCTURAL

Tectonic characteristics of Upper Mesozoic troughs in castein Transbalkalia IU. P. Pistsov Gool i geofiz

TRANSBAIKALIA-GRANITE

Petrographic and mineralogical characteristics of the hybridism in the granitoids of the Unda Massif (eastern Transbalkolia) V B. Vasilinko Geol i geofiz no 11

TRANSBAIKALIA-HEMIPTERA, FOSSIL

New Mesozoic aquatic bugs (Heteropters, Corryidae) from Transbaikalia | W.A. Popov | Pilcont zhur no 4 97-101 166

TRANSDAIKALIA—LEGENDS

Architest As vakum in oral legends of Transbalkaha. I.E Ellasov, Trudy ODRL 18 354-365 '62

TRANSBAIKALIA-MAPS, PHYSICAL

General landscape mapping hased on the integration of elementary geographical systems, V B. Sochwa, V. Mikheev, V. A. Rlashin, Dokl, Inst g. eg. Sib. i Dal! Vost. no. 10,9-22 '65.

Methods and results of mapping the seasonal dynamics of the Inndscapes of Transbrikalia, L.N.Gvordik, IU.P.Mikhailov. Dokl. inst geog. Sib. i Dall. Vost. no, 10:23-31 '65

TRANSBAIKALIA—QUARTZ

Quantz-cordies ite symplektites in Archean rocks of northeastern Transbalkalla V I Shul'diner SSR Ser geol 31 no 12:60-73 D 466

TRANSBAIKALIA—ROCKS, IGNEOUS—ANALYSIS

Possible parent average composition of magma in south-western Transbalkolla - \ IA Saltykovskii - Izv AN SSSR Sei geol 31 no 12:53-59 D

TRANSBAIKALIA-STEPPE FLORA

Gorshkova, A.A. [Biology of steppe pasture plants in Transbakkalia] Biologita stepnykh pastbishchnykh raste nil Zabaikal'ia Moskva, Nauka, 1966, 271 p (DNAL)

TRANSCARPATHIA --- GEOLOGY, STRUCTURAL

New data on basement of Neogene Trough in Transcar-phatia M I Petrashkevych, 14 V Sovelak, O V, Shakin Dop, AN URSK no 11 1481-1483 196

Tectonic coming of Transcarpathia on basis of rated values of magnetization intensity V I Khomenko Nauch zap of magnetization intensity LPI no 80:163-170 '62

TRANSCARPATHIA—GEOLOGY, STRUCTURAL-MAPS Using geophysical methods for geologic mapping in Trans-carpathts V. G. Lizanets Nauch zap I.Pf no 80:139carpathia 147 62

TRANSCARPATHIA---PETROLE UM GEOLOGY

New data on basement of Neogorie Trough in Transcar -phatin M I Petrashkevych. IA V Sovchyk. O V Shakin Dop, AN URSR no 11-1481-1483 '66

TRANSCARPATHIA-ROCK SALT

New data on rock salt flow in Transcarpathia. V.I. Kityk. Dop. AN URSR no. II:1489-1492 '62

TRANSCARPATHIA --- RURAL CONSTRUCTION

Rural constituction in Transcarpathia. V. Zapoliskii, Strot, Larkhit. 14 no. 11,25-26 N 466.

TRANSCAUCASIA-ALGAE, FOSSIL

Morphology and systematic effunction of Paleozoic alga-Pseudovermiporella, K.B Korde, Pileont zhur no. 4:86-91 *66

TRANSCAUCASIA—ARCHITECTURE AND CLIMATE

Open spaces in residences in Transcaucasia, K. Birkaia. Zhli, stroi no. 10 22-21 166.

TRANSCAUCASIA---ATMOSPHERE

Relationship between atmospheric processes in Transcaucasia and planetary upper front zones in Northern Hemisphere, K. I. Papinashvili Trudy ZakNIGMI no 11; 3-41 63

TRANSCAUCASIA-AVALANCHES

Moteorlogical conditions governing for mation of snow avalanches in mountains of Transcaucasia V.Sh TSomaia. Trudy ZakNIGMI no 11:112-123 63.

TRANSCAUCASIA—COMMUNISM

Galolan, Galust. [Against the falsification of the history of the socialist revolution and the building of communism in Transcaucasia. Protect falsifikatsii istorii sotsialisticheskoi revolutsii i kommunisticheskogo stroitel'siva v Zakavkaz'e. Erevan, Armiauskoe gos. izd-vo] 1961 404 p. [In Armentan]

TRANSCAUCASIA-ELECTRIC LINES

Investigating automatic nonsynchronous reclosing of a 3.0 kw. electric transmission line of the Transcaucasian power system. F. G. Guseinov. Za tekh, prog6no, 12:19-23 D $^{18}\mathrm{G}$

TRANSCAUCASIA—FLOOD FORECASTING

Short-range forecast for discharge of water in period of spring floods for rivers in castern regions of Trans-caucasta V, F Pollepa Trudy ZakNIG\II no 11:124 -191 103

TRANSCAUCASIA-ICC ON RIVERS, LAKES, ETC.

Conditions governing for mation or frazil on rivers of Transcaucesia and methodology of forecasting it FSomaia Frudy ZakNIGNE no II:132-140 '53

TRANSCAUCASIA—LABOR AND LABORING CLASSES History of the Soviet laboring classes of Transcaucasia and Dighestan N G Kadyrova 1st SSSR 10 no 6 208-210 N-D 166

TRANSCAUCASIA-RIVERS

Short -range for coast for discharge of water in period of spring floods for rivers in eastern regions of Trans-caucasia V Poklepa Trudy ZakNIGMI no 11-124-

TRANSCAUCASIA---SURGERY-CONGRESSES

Results of the Sixib Conference of waycons of the Trans-came aucusian Republics Z M Manuellov, G F. Alicv, G A Taglev, Azerb, med. Aug., 10 no. 3:88-100 M Mr #63.

TRANSCAUCASIA-TELLURIUM

New data on tellurium minerals in a copper pyrite deposit in Transcaucasia, E.I., Manas'eva, A.K. Argitov, izv. vys, ucheb zav "geol i razv 6 no 151-66 Ja 163

TRANSDUCERS

Analysis of composite electromechanical transducers. A. S. Pizio Teo clettotekh, no 1:59-66 '86 Capacitive transducer-micromanometer, V R Kasimen-ko, L T. Kulin, S S. Shushkevich Avtometria no 5 71-75 '66.

Foreit, Jindrich. [Capacitive transducers of nonelectri-641 values. Translation from the Czech] Emkostnye datchiki neelektrichestikh velichin. Moskva, Energita, 1966. 159 p. (Biblioteka po avicmatike, no. 213)

Nov strain-gauge-type pressure transducers, R.I. Vinogradov 17m, tekh no. 6 20-23 Je 262,

Use of an electromechanical registration technique in the study of internal processes in automatic brake air distributors D. E. Karminskii, V. I. Reznikov Izv., vys., ucheb zav "clckhornekh 9 no. ll. 1288-1290 "...

TRANSFERASES see Transaminates

TRANSFORMATIONS (MATHEMATICS)

Absolute continuity of measures, corresponding to Gaussian processes in linear transfer mattens Shatashvill Tody Vych, tsentra AN Gruz SSR 3 241-

TRANSIENTS (DYNAMICS)

Rozenfel'd, A.S., and B.I. IAkhinson. [Transients and generalized functions] Perekhodnye protessy i obobshehennye funktsii. Moskva, Nauka, 1966. 440 p

TRANSIENTS (ELECTRICITY)

Mathematical modeling of electror echanical transients of a synchronous generator with rectifier load. A.P. Tipikin, Izv. vys. ucheb zav., elektroniekh 9 no il 1246-1253 '66,

Simplification of complex electric systems for the analysis of transmit processes ND, ibdullary Za tekh prog. C no 12 23-25 D 166

TRANSIENTS (ELECTRICITY)—MATHEMATICAL

Mathematical model studies of transient processes in a c electric propelling machinery B 5 Rumiantsev Sudostroenie 28 no 12:33-38 D '62

TRANSISTOR AMPLIFIERS

Calculation of the thornal operation of power translators in a push-pull class-B translator amplifier IU 1. Nelman, 17v vys ucheb zav., radiotekh 9 no 5 655-664 S-O 166

Transistorized reproducing preamplifier for FM channels of video tape recorders, L.G. Lishin Trudy VNIRT no. 1-91-99 164.

TRANSISTOR AMPLIFIERS-NOISE

Effect of the frequency characteristics form on the noise of the reproducing amplifier of a tape recorder. L G. Lishin, Trudy VNIRT no. 1.100-108 164.

TRANSISTOR CIRCUITS

Iterative methods for analyzing d.c. iransistors circuits, V. M. Bondaronko Teor. elektrotekh. no. 1:90-91 '66.

Parallel operation of thyristors, R O. Zahrodskii, IU. M.

Bykov Elektrotekhnika 37 no. 12:32-34 D 168.
[Semiconductor devices and their applications] Poluprovodnikovye pribory I ikh primonenie; sbornik statei, Pod rad. IA, A, Fedotova, Moskva, Sovetskoe radio, No. 16. 1996. 263 p.

Study of overload carrying capacity of VDKU-series thyristors, I.S. Efremov and others Elektroteklinika 37 no 12 31-36 D '66.

Transfator model of nonlinear capacitance IV. P. Rodionov. I. P. Stepanenko. V. P. Tarasov Izv vys ucheb zav ; radiotekh 9 no 5:735-741 N-D '66

TRANSISTOR OSCILLATORS see Oscillators, Transistor

TRANSISTORS

Formal approximation of voltampers characteristic of field-effect transistors V P Popov Radiotek relektron II no 11-2088-2089 N 166

Garialnov, S. A., and J. D. Abezgauz. [Semiconductor devices with negative impedance] Polupi ovodnírovyc pribory s otrikateľ nym soprotivleniem. Moskva, Energiia, 1966, 239 p.

Piecis, determination of the basic characteristics of low-power regulated silicon rectifiers. S. A. Nacha-rian, Zap. 18KHI 96:147-149 '65

TRANSISTORS-SAFETY MEASURES

High-speed fuges with liquid cooling, R S. Khmel'nitskii Elektrotekhnika 37 no 12 42-45 D 166

TRANSITION METAL CARBIDES

Formation of stable electronic configurations and some ormation of season electronic configurations and only physical properties of carbides and nittless of transition metals in the region of their homogeneity A. IA Kuchma. G. V. Samsonov Izv AN SSSR. Neoig mat 2 no. il 1970-1974 N *66

TRANSITION METAL COMPOUNDS

Electric properties and microhardness of some transition metal germanides. V S Neshpor, S, M, Livov. Dop AN URSR no 11,1451-1453 462

Energy of complex compounds of manific metals from the standpoint of the theory of ligands K, B 1Atsimtr-skii Zhu neorg, khim 11 no 11 2420-2436 N '66

TRANSITION METAL NITRIDES

For mation of stable electronic configurations and some physical properties of carbides and mixides of it ansition metals in the region of their homogeneity A. IA. Kuchma, G. V. Samsonov Izv AN SSSR Neorg mat no li:1970-1974 N '86.

TRANSITION METAL OXIDES-THERMAL PROPERTIES

Regularities in changes of some thermal properties of oxides IA.S Malakhov, G.V. Samsonov 12v AN SSSR. Neorg mat 2 no 12:2162-2167 D 166

TRANSITION METALS

Effect of transition elements of Fourth Period and Cu on structure and physical properties of alloys based on NiMn compound — I IA. Bokshitskil and others. Dokl. AN SSSR 171 no. 2 320-223 N 166

TRANSPLANTATION OF ORGANS, TISSUES, ETC.

Role of nerve clean ix in restoration of functions. V. V. Shuvaev, V. A Pollentsev, M. A. Shuster Trudy 1-go MMH 49:246-250 '66

TRANSPLANTATION OF ORGANS, TISSUES, ETC. — COMPLICATIONS AND SEQUELAE

Morphological characteristics of homotransplants of small intestine in dogs N. A Bykova, V. P Kulik Trudy i-go MMI 49:145-152 '66.

Some problems in the clinical course of the syndrome of extremity replantation GS Lipovetskii and others. Trudy i-go MMI 49:171-177 '66

Some problems of the pathogenesis of the syndi ome of extremity replantation; preliminary report G.S. Lipovetskii Trudy 1-go MMI 49-178-185 '66

TRANSPORT WORKERS see subdivision under Chuvashia

TRANSPORTATION

(see also subdivision under Caucasus, Northern, Germany, East, Siberia, Eastern; Ukraine; White

Developing combined rail and water transportation, V.N. Voroblev, Zhel, dor, transp. 48 no. 7:33-34 J1

TRANSPORTATION—BUILDINGS AND STRUCTURES
Let's improve the construction of large-panel buildings
for the construction industry, Transp. stros. If no. 12

TRANSPORTATION—COST OF OPERATION

Economic problems in the development of transportation.

L. Chertkov. Kommunist 43 no. 1.47-56 Js 167.

TRANSPORTATION-FINANCE

Significance of economic analysis in the approximate solution of some problems in optimal planning. F. F. Diderikhs. Ekon I met, meted. 2 no. 6.808-622 N-D 186.

TRANSPORTATION-MANAGEMENT

Institut komplekanykh transportnykh problem. [Problems in the improvement of overall operation of transportation] Veprosy sovershenstvovanita komplekanot ekspluatatsii transporta. Pod red. A. V. Komarova, Moskva, Transport, 1966. 315 p. (Its, Trudy)

<u>Skalov, K. III. ed.</u> [Transportation junctions] Transport-nye uzly. Moskva, Transport, 1986. 507 p.

TRANSPORTATION, AUTOMOTIVE (see also subdivision under Dneprodzerzhinsk; Georgia)

A great power. A. Krytov. Avi, transp. 41 no 7:12-13

High awards to automotive transportation volkers.

Avt transp | 14 no. 32:4 | D | 166.

Information. Avi. transp | 41 no. 7:59-60 | J1 | 163.

Initiative, creative activity, knowledge A. Lomanov, P. Podorozhnyi Avi mansp 41 no. 7 8-9 Ji '63

Moseow festival of motor-vehicle drivers. O. Chirkin, Avt. transp. 44 no 1252-54 D 166

Readers' letters Avi, transp 41 no, 7:54-55 Jt (63, Some operating indices for automotive transportation units, repair enterprises and motor vehicle plants, B. Levinson Avt transp 41 no 7 42-43 Jl 163

Work and education are inseparable. Avt. transp 41

Work should be a source of joy Avt transp 41 no 7. 6-7 Jl 163

TRANSPORTATION, AUTOMOTIVE-MANAGEMENT (see also subdivision under Donets Basin; Odessa; White Russia)

New system of planning and economic atimulation intro-duced in enterprises of automotive transportation. I Verkhovskii, Avi. transp 14 no. 12.1-3 D 166

Once more about central dispatcher station and self-financing, B. Geronimus Avi, transp 44 no. 12; 23 D 466.

Police, M.K. [Ways for increasing traffic safety in automotive transportation] Puth povyshenila bezopasnosti dvizhenila avtomobil mogo transporta, Moskva, Vysshala shkola, 1965. 83 p.

[MICROFILM]

Scientific organization of labor in automotive transportation. Avt. transp. 44 no. 12,54 D '86

transportation, automotive—passenger

Secure the safety of passenger traffic. D. Dudnev, Avt. transp 44 no 125-7 D 66.

TRANSPORTER BRIDGES

Efficient flow sheets for waste stacking and parameters of mining eysterns during the operation of hauling and stacking machine complex M.G. Novozhilov and others Izv. vys ucheb. zav. :gor. zhur. 6 no 5:29-38 '63.

TRANSPORTER BRIDGES—DESIGN AND CONSTRUCTION see subdivision under Daepropet.ovsk Province

TRAUMATISM

Analysis of the causes of industrial traumatism in I vov-Volyn' mines V G. Drepin Bezop, truda v prom, 6 no. 5:10-12 My 162

TRAUMATISM—CONGRESSES

Gor'kovskii nauchno-issledovatel'skii institut trav-matologii i ortogodii. Problems of traumatology and orthopodia, materials for an out-of-lown scientific con-ference] Voprosy travmatologii i ortopedii, materialy k vyezdnoi nauchnoi konferentsii Gor'kii, 1963. 238 p. (DNLM)

Ukrajnskaja nauchno-prakticheskaja konferentsija khtrur-gov detskego vozrasla, 2d. [Surgery, traumatology and orthopedies in childhood, transactions] Khtrurgija, travnatologija i ortopedija detskozo vozrasta, trudy, Kiev, Zdorov'ia, 1865. 272 p. (DNLM)

TRAVELING-WAVE TUBES

TRAVELING-WAVE TUBES

Ostapenkov, A.M. [Catculation and design of traveling-wave tubes, manual for course projects on superhigh frequency devices] Raschet i konstrutrovanie lamp begushchei volny; posoble k kursovomu proektirovanilu po priboram sverkinysokish chastot. Red. I.V. Lebedev, Moskva, Mosk energ in-t, 1966, 112 p.

Saturation power and efficiency of a tube with composite delay system. M. I. Polgina Izv., vys., ucheb zav., radiotekh 9 no 5-676-585 S-0 168

Selection of optimum diameter of the transit channel of a traveling-wave tube V. P. Taranenko, V.I. Shovchenko Radiotekh i elektron. Il no il 1988-1993. N. 468

TRAWLS AND TRAWLING (see also subdivision under Black Sea)

Computing device for determining ship angles in the process of directed trawling at various depths, P.A. Starovottov, Trudy PINRO no.13 32-50 162.

Pair-trawling in deep waters, I. P. Vorob'ev. Ryb, khoz. 42 no. 11 46-48 '86

Possibilities for the improvement of heating systems of steam power units on trawlers. L. P. Korshunov. Trudy Kal tekh. inst. ryb. prom. 15:119-128 '62,

Stopping block of a new PSB-2 construction, B.U. Ukhvachev. Trudy PINRO no. 18-26-32 162,

TRAWLS AND TRAWLING-EQUIPMENT AND SUPPLIES Device for measuring horizontal opening of a trawl. O. R. Baibakov. Ryb. khoz. 42 no. 11:55-56 406.

TREE FELLING

Pobedinskii, A.V. [Organization of tree felling in cuttings with young growth] Organizatsiia lesosechnykh rabot na lesosekakh s podrostom. [Moskva] Vses. nauchno-issl. in-t lesovedstva i mekhanizatsii lesnogo khozialstva, 1958, 18 p. (Orcs)

TREE PLANTING see subdivision under Soviet Central

TREE TOMATOES

Studying the progeny grown from seeds of tomato grafted on Cyphomandra, V. A. Vnuchkova. Trudy Inst. gen no 26:85-92 '62.

Growth of Pinus pumils and 1 owen on Betula Ermani A. G. Ostroumov Vop geog Kamch no 3,129 65

[Trees and shrubs of U.S.S.R.] Derevia i kusiamki SSR. [By] N.A. Borodha i dr. Moskva, Mysl', 1966, 637 p. (Spravochniki-opredelitchi geografa i puteshe-stvennika)

TREHALOSE

Study of trebalose metabolism in the Chinese oak silk-worm (Anthersea pernyl G.). T. A. Egorova, A.N. Smolin, Biokhimita 27 no. 5 822-827 5-0 162.

TREMATODA

(see also subdivision under Georgia; Moldavia;

(see also subdivision under Georgia; Moldavia; Uzbekistan)
Development cycle of Gastrothylex crumenifer and prophylaxis of the infestation. V F. Nikitin. Veterlartia 43 no. 12;37-39 D '66.
Purified bithionoi as effective anthelminite in paramphis tomiasis. N G. Fedorchonko, Veterlastia 43 no 12 39-40 D '66.

Some problems of the pathogenesis of dicroccellasis, S IU. Aliev. Veterinaria 43 no. 12.41-42 D 186. Utilization of methods proposed by Chubb (in 1962) for making whole preparations from tremstodes. I.A. Kliotenovskii Zool zhur 45 no 11:1720-1721 '66

Effect of substances interacting with cholinenergic and adronorgic structures on nembutal tremoi in guinea pigs N, V Usakova, Trudy LPMI no. 32-150-164 '55

TRENCHING MACHINERY

Work practices of machinary operators on power systems construction sites. G. A. Efremov. G. B. Ruberg, Energ. stroi. no. 8,71-79 168,

TRET'IAKOV FAMILY

Magld, A. [history of a family; the Tret'lakov dynasty]
Istoriia odnoi sem'l; dinastiia Tret'lakovykh Moskva,
Znanie, 1964. 143 p. (Prochti, tovarishchi)

TRIALS (POLITICAL CRIMES AND OFFENSES) see subdivision under Ukraine, Western

TRIALS (SABOTAGE)

Ideological and political training of the technicians and engineers educated in presevolutionary schools during the first five-yeas plan. L.I.Brodskii, Trudy LPI no. 261 65-79 466.

TRIANGULATION

Certain technical and economic indices for triangulation, V.F. Paylov, Izv. vys ucheb, zav.; geod t aerof no. i 127-133 '63.

Evaluating the accuracy of planned triangulation nets. V. P. Kozlov. Izv. vys. ucheb zav., good. i aerof, no. 1.31-36 '83.

Using the Prants-Prancvich method for adjusting triangulation according to directions. B B. Seraphas. Izv.vys.ucheb.zav., good I acrof. no.1:51-54 163

TRIAZINE

Study of triavine derivatives as plant growth regulators. Report No. 2. Effect of simazine and atrazine on the chlorophyll content in the leaves of field crops, S.M. Mashtakov, R.A. Prokhorchik. Dokl. AN BSSR 8 no, 8:517-520 Ag '62,

TRIAZINE-EFFECT ON PLANTS see Plants, Effect of triazine on

TRICHINA AND TRICHINOSIS

(see also subdivision under Komi A. S. S. R. ; Kursk Province; Ternopol' Province)

New data on the study of migration and encapsulation of trichinella larvae in the host organism. IU. A. Berezantsev Med. paraz. i paraz bol. 32 new 2:171-176 Mr-

TRICHOCEPHALIASIS

Results of treating tichocephaliasis with heplylresorcinel, heptylresorcinol combined with methylene blue, and heptylresorcinol with oxygen; an abstract. E. I. Agnizabviii, G.I.Loladze, Med. paraz, i paraz, bol. 31 no 5:814 S-O '62.

Search for new methods of treating trichocephaliasis. N. P. Kravets. Med. paraz, i paraz, bol. 31 no. 5;524-529 S-O '62.

Therapeutic activity of dithiazanine and its tolerance in trichocophaliasis, N. N. Plotnikov, N. N. Ozeretskovskaja. Mod. paraz. i paraz. bol, 31 no. 5:615-521 S-0

Treatment of trichocophaliasis with naphthamone, N.S. Zal'nova, E.A. Zhitnitskais, V.K. Karnaukhov, Med. paraz, i paraz, bol. 31 no. 5:522-524 S-O '62.

TRICHOGRAMMA see subdivision under Latvia

TRICHOMONAS

Survival of Trichomonas feius in frozen bull sperm, V.P. Parusov, Velennatiin 43 no 11:77-78 N '66.

TRICONTINENTAL SOLIDARITY CONFERENCE. HAVANA, 1966

Pan-Americanism and the "I ricontinental "IU Gvozdev, Nov yrem, 25 no 3.9-10 Ja 167

Solidarity or three continents. Nov. vrem. 25 no. 2:1-2 Ja 167

TRIETHYLENE GLYCOL

Antiexident additives to triethylene glycol. L. IU. Zhake and others. Khim i tekh, topl. i masel 11 no 12:27-28 D 166

TRILOBITES see subdivision under Siberian Platform; Tuva A. S S. R

TRINIDAD-TOBAGO-POLITICS AND GOVERNMENT Trinidad and Tobago, Agitator no 18.22 S 162

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TRITICUM-AGROPYRON HYBRIDS

Quality of catalysis in studying Triticum Agropyron hybrids V.N. Mel'nitskii Brul, Glav bot sada no 63 53-61 '66

TROITSKAIA, VALERIIA ALEKSEEVNA

The myth of the "Soviet Mata Hari," V. Rozen, Nov. vrem. 25 no 8 31-32 \(\Gamma \) '67

TRONDHEIM-SHIP MODELS-TESTING

Not weging model basin L. S. At tiushkov. Sudostroenie 28 no 12-64-66 D 462

TROPOMYOSINS

Species specificity of primary structure of mammalian tropomyosins N.V. Sadikova, V.B. Mathishichev Ukr. biokhim zhii 30 no 6 618-621 '66.

TROUT see subdivision under Kunashir Island

TRUBEZH VALLEY-DRAINAGE-ECONOMIC ASPECTS Pronomic effectiveness of the drainage of lands in the floodplain of the Trubezh River. IA, N. Lisovskii. Vod. khoz, no.4:204-210 '66,

TRUCK TRAILERS

The ChMAAP-5505 trailer for profabricated room transportation A IA. Urgapov. Strail der mash. 8 no 8; 10-11 Ag '63

The ChMZAP-5530 heavy trailor, IU, Sokolov, A. Khorin, Ast, transp. 41 no 12-42-43 D 186.

The M-830 combined semitrailer V. Riumin, P. Shiutman Avt transp 11 no 7 45-16 J1 '63

TRUSSES

Measures for guaranteeing stability of trusses, G.A. Zykov, Mont. I spets, 1 ab, v stroi. 28 no 12 15 D 166

Technical and economic effect of using prestressed steel trusses in industrial buildings B. A. Speranskii. Prom zdan. no 2:18-25 [6]

A trues with a wire for roofs of wide-apan industrial buildings, IU. V. Smitniagia, Prom. zdan, no. 2:26-30 •G1.

TRYPSIN

Iffect of amino acids on the proteolytic activity of trypsin and chymotrypsin. M.P. Chernikov. Biokhimita 28 no 2:285-287 Mr-Ap '63.

10 21205-221 mt ray or.

Termentative activity of trypsin preparations for obtaining monostratal tissue cultures. Report No. 1; Comparative study of dispersing properities and proteolytic activity of trypsin determinable by gelatin and casein proteolysis on film. T. G. Mertslina. Trudy Mosk nauchiest inst virus prep. no. 3;270-271. [55]

Tel mentative activity of trypsin preparations for obtaining monostratal tissue cultures Report No 2; Some comparative data on activity and enzyme composition of Difke commercial preparations T. G. Mertalina. N I Solovieva Trudy Mosk nauch - Isal. Instruus prep no 3;275-286 165

Intermolecular reactions in thermal inactivation of irra-diated trypsin solutions V. N. Luzikov, T. V. Trosh-kina Radiobiologiia 6 no 5 641-645 '66.

TRYPTAMINE-PHYSIOLOGICAL EFFECT

Mechanism of the action of indopan. E.N. Popova, Zhur, nevr. 1 psikh, 67 no. 1:125-131 '67.

Pharmacological properties of indopane (a-methyltrypta-raine hydrochloride). M.D. Mashkovskii, T.K. Trubit-syna. Zhur novr i psikh 63 no 1:72-79 '63

TRYPTOPHAN

Decarboxylization of 5-hydroxytryptophan in tissues of the adrenal contex in Reconce-Cuelling disease and in Resues of adrenocol Real tumors. G. A. Shapiro. S. S. Burobina, T. T. Bei ezov. Vop. med. khim. 12 no. 6; 574-577 N-D ¹68. Effect of medium composition on L-tryptophan accumula-tion in Hansenula anomala strain 315-2L yeast L. B. Lobyreva, Prikl, blokhim 1 mikrobiol, 2 no 6 632-634 N-D 66

Energy production by radioluminescence of tryptophan G M. Barenboim, A I Mochalkin Radiobiologiia 8 no 5 871-674 '66

Quantitative determination of tryptophan by diffusion method with help of indicator cultures of Escherichia coll and Bacillus subtitis. I. V. Konova. N. M. Verbina. Mikrobiologiia 35 no.5-906-911 S-O '66

Stimulation of tryptophan accumulation in fodder yeast by authranilic acid L.I. Kareva, Z. S. Kagan, V.L. Kretovich, Prikl blokhum i mikrobiol. 2 no.6 625-631 N-D '66

TSALKA DISTRICT...CALVES...DISEASES AND PESTS Treating dyspepsia in calves. V.G. Muradov. Veterinarila i3 no. 12:58-39 D '66

TSELINNYY KRAY see Virgin Territory

TSELINOGRAD PROVINCE-GRAIN

Sow high quality seeds R Shatskhmetov Zemledelie 28 no 11:30 N '66.

TSENTRAL'NO-CHERNOZEM ZAPOVEDNIK 600 Central Chemozem Preserve

TSIOLKOVSKII, KONSTANTIN EDUARDOVICH, 1857-1935 Guides of the father of astronautics. A. Erokhin. mirc knig 6 no 12 35 D 166

"The TSiolkovskii effect." A. Chizhevskii. Nov. mir 39 no, 3 201-207 Mr '63

TSKHAKAIA, MIKHAIL GRIGOR'EVICH, 1865-1950

Beridze, S.D. [Mikha Tškhakala; biographical sketch]
Mikha Tškhakala; biograficheskii ocherk. Tbilisi, Sabchota Sakartvelo, 1965—113 p. (NIC)

TUBERCULIN

Illatory of the discovery of tubercutin and mallein in Russia V.I. Katugin, Veterinarita 13 no. 11:115-117 N '66,

TUBERCULOSIS

Anesthesic and the loss of blood in operations on the lungs in tuber culosis R. G. Marmedova, IU N. Zhillin Azerb med zhur no 7:10-17 Jl '62

Atherosclerosis in tuberculosis of the lungs (pathologico-anatomical data) V. I. Brande Sov med 26 no 3.55-58 Mr '63.

Bryzgalova, O.K. [Tuberculosis is curable] Tuberkulez Lilechim, Moskva, Meditsina, 1966, 22 p. (Nauchno-popularnala meditsinskala literatura) (DNLM)

Changes in the gascous metabolism and hemodynamic following resection of the lungs in toher culosis. B. Zistin, V V Suvorov, N.G. Suvorova. Khirurgiia 42 no. 11 08-100 N '66,

Comparative evaluation of broncho- and angiographic data in the diagnosis of tuber culosis N. V Sakharina Novokuz CIDUV a 32:42-46 '65

Effect of phthivazide on the exerction of m onic acids with the urine tuberculous children. V. G. G. igotian, I. Z. Kiroshka. Vop. med. khim. 12 no. 6:609-611 N-D 186

Effectiveness of fluorescence and phase contrast bacter to-scopic diagnosis of tuberculosis I K, TSellarius, K, V, Shmalii. Zhur. mike obiol., epid i immun 33 no. 6:103 -

Effectiveness of thoracoplasty in association with antibacterial preparations in the treatment of cavernous forms of tuberculosis of the lungs A, D, Nurmamedov Azerbmed.zhur 40 no 2:39-43 F '63 Electron microscopie study of the offect of antibactorial

preparations on tuberculosis mycobacteria. T.N. Chalkina, H.A. Krasnikov. Mikrobiol. zhur. 28 no, 8:62-68 186.

Puzik, V.1. [Immunontorphological problems in tubercu-losis] Problemy Immunomorfologii tuberkuleza, Mo-skva, Meditsina, 1966. 179 p.

State of the blood circulation system in some active forms of pulmonary tuberculosis V, I Koledinov Trudy Novokuz GIDUVa 32:33-38 '65.

Treatment of patients with pulmonary tuberculosis as sociated with sicoholism A. I Ershov, Sov. med 2 no. 3:80-84 Mr '63

TUBERCULOSIS-CONGRESSES see subdivision under Azerbatian

TUBERCULOSIS-DIAGNOSIS

Changes in the composition of newly diagnosed patients with pulmonary tuber culosis. M. A. Volkova, F. A. Drits. Sov med 29 no 12:100-104 D '66.

sov med 29 no 12 100-104 D '66.
Evaluation of the effectiveness of the floatation method of gastric and bronchiel lavage in the diagnosis of pulmonary tuborculosis. R. A. Safarov, A. M. Agadzhanova. Azerb med zhur. 40 no 9:44-47 S '63.

TUBERCULOSIS IN POULTRY see subdivision under Siberia

TUCHNIN, ALEKSANDR NIKOLAEVICH, 1890-1966

Aleksandr Nikolaevich Tuchnin, oblituary. Transp. i khran, nefti i nefteprod no. 10.2 of cover '66,

TUGBOATS see subdivision under Batkal, Lake

TUGUR VALLEY-PALEONTOLOGY, STRATIGRAPHIC

Finds of Devonian and Cambran fossil fauna in Tugur region in western part of region of Sea of Oktotsk V B Karaulov Dokl, AN SSR 171 no 2:416-420 N '66.

TUGUSKA BASIN—SAPROPELITES

Sapropelites of eastern margin of Tunguska syneclise E. S. Bartoshinskain Geol i geoffr no 9:148-149 '66

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TULA-FOOD INDUSTRY-MANAGEMENT

Trade organization works in a new way. B. Plotkin. Sov.torg. 40 no.145-17 Ja 167.

TULA-SIEGE, 1941

October 30, 1941 in Tula, I G Boloznev, Vop ist, 41 no 12 203-206 D '66

TULA—TEACHERS, TRAINING OF

Young teachers are learning to teach. V. A. Golutvin, A. E. Petrov. Vest. vys. shkoly 24 no. 12:41-43

TULA PROVINCE-AGRICULTURE

Closer to the people. V. Fysicalov, N. Illina. Agitator 34 no. 23:34-36 D 66

TULA PROVINCE-MOOSE

Moose in Tuta preserves in 1935-1951. G. N. 1 ikhachev. Biol. i prom. losia no. 2,66-80 '65.

TULA PROVINCE-SOILS

Physical and mechanical characteristics of gray forest solls on the "Pakhomovo" State Farm, Tula Province. P. U. Bakhtin, V. I. Volotskala, Pochwovedenie no. 12, 77-80 D 166.

TULA PROVINCE—WARBLE FLIES—EXTERMINATION

Controlling Hypoderma infestation of cattle in Tula Province D.A. Raavskii and others Veterinariia 43 no. 1:17-19 Ja 167

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Case of detection of Pasteurella tularensis in mumified cadavers of house mice imported with grain. T. K. Klimova. Trudy Gos nauch isel protivochum inst. 10:229 -231 '59.

Discovery of Francischla tulai ensis in Dermacentor marginatus Sulz organism by luminoscence microscopy method V, G Petrov, E, V, Androva Zool zhur, 45 no. 11:1612-1616 | 166

TULAREMIA-MICROBIOLOGY

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Some characteristics of the embryology of tulip, G.G. Furst. Trudy Inst. gen. no. 26.128-133 162

TULOMA RIVER-COFFERDAMS

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TUMORS

Carcinold and the carcinoid syndrome. G. A. Shapiro, A. B. Shekhter, M. I. Brusilovskii, Trudy 1-go MMI 43:119-126 | 65.

Causes of the origin of recurrences of hemangioma following its surgical removal, and ways of their climina-tion. A. IU. Solovko. Kitn ank no. 1:73-78 185

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Fffect of ionizing radiation on pigmentary tumors, V. N. Khmelevskaia, Klin, onk. no. 1:129-136 '65,

Effect of polyseccharide complexes on nucleic acid content in tissues of mice with experimental tumor (C: o-Kaert strain) L.G. Shtesser, IU.V. Galaev, E.P. Einn-tseva Ukr. biokhim, zhur. 38 no 6 630-632 '66.

Gascons composition of the blood in patients with tumors, V. M. Tankevich. Vop. onk. 12 no. 11:123-124 '60

Hibernoma; clinico-anatomical characteristics and his-togonesis. A. K. Apatenko, K. K. Poroshin. Vop. onk. 9 no. 3:62-69 163.

Histological characteristics of spontaneous tumors in domestic admats. S. M. Morozova, I. V. Skorodumova, Veterinariia 43 no. 11;66-89 N *06.

Improved type of electropolypotome, I. M. Mamedov. Vop. onk, 12 no. 12:73-75 '66.

TUMORS (Continued)

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TUMORS-TRANSPLANTATION

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Ultrastructure of transplantable hepatomas of CallA mice. Report No. 2 Electron microscopic study of ascittate hepatoma 22 and hepatoma 48 E.1 Pvidveit, V M. Biesler. TSitologiia 8 no 5 597-604 S-O '66

TUNA see subdivision under Atlantic Ocean

TUNG TREE-FROST RESISTANCE see subdivision under Georgia

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Hydrogen state in equopoly compounds of molybdenum ond tungsion V V Mank and others Dokt, AN SSSR 171 no 5 1113-1115 D '66.

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Electrochemical properties of molybdonum and tungsten E Γ . Spetanskata, V E. Mertsalova, 1.1 Kulev. Usp thim 35 no. 12 2129-2150 D 166

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Russia (I., S.S.R.) Komitet standartov, mei i izmei jtel'-nykh priborov (Tungsten concentrate, methods of de-termination) Konisentral vol'itamovyi, metody analiza GOS 11884-66-GOST 11898-66 Izd official'noe. Me-skva, [zd-vo standartov] 1966, 68 p (SSSR. Gosu-darstvanyus Standartov) darstvennye standarly)

TUNGSTEN CRYSTALS

Scattering of alkali ions by surface of tungsten single crystals, U.A.Arifov and others Izv. AN SSSR. Ser. fiz. 30 no.12:1995-1999 D 166,

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Studying cestum adsorption on tungsten single crystals
V M Gavilliuk, A G Naumovets, A G Fedorus Zhui
eksp i teor fiz 51 no 5 i332-1340 N '56

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Some problems of tangsten metabolism in epidemic hepatitis G. I. Dontsov Sov. med 29 no 12:11-16 D *66.

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illway structures of the dam on the Jumin River in he Tunisian Republic, B.P. Karuk, N.N. Surova, fod. khoz no. 4/126-132 '66,

Avalanche breakdown tunnel diodes and their application in superhigh (requency technology A.S Taget Usp. fiz.nauk 90 no. 4:631-666 D '66.

Tunnel effect between superconductors in alternating field A. I. Larkin. III. N. Ovchinnikov Zhur, eksp i teor fiz 51 no 5:1535-1543 N '66

TUNNEL LINING

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TUNNELING see subdivision under Great Britain

Semi-shield for renovating railroad tunnels. I. I. Merinov. Transp. stroi 11 no. 12:25-27 D '61,

TURA RIVER-REGULATION

Maximum possible depth of the Tura River, V. Degtiarev. Rech. transp. 25 no.12 40-42 '66

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Firect or the distribution of temperature drops along the rows on the efficiency of speed regulatory stages. N. M. Markov. Fuergomashmostroenic 8 no 8:39-40 Ag '82

Fffect of the lower or criap on the efficiency of a turbine stage. A G Sheinhman, V S III kin, N K 104 mateev. Theigomashinostrochic 8 no 8 28-29 Ag '62

TURBINES-BLADES

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Regulation of the output of turbogenerators operating in a porest system. B. P. Murganov. Teplocacygetika 8 no. 2,9-13 F '61.

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Nurfockov, Kubanychber, [Establishment of the Kirghiz-Soviet National State] Vozulknovenie Kirgizskoi Sovetskoj natsional'noi gosudarstvennosti. Franze, Kyrgyzstan, 1964. 118 p.

Participation of native workers in the establishment of the Soviet regime in Turkeston. A. A. Gordienko Trudy TashGU, no. 282, 34-50, 166

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TURKEY-ARMENIANS

Nersisian, M.G., ed. [Genocide of the Armenians in the Ottoman Empire, collection of documents, and materials] Genotsid armian v Osmanskol imperil, shorrik dokumentov i materialov. Erevan, Idd-vo AN Armianskol SSR, 1966, 560 p.

TURKEY-FOREIGN RELATIONS-FRANCE

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A stratigraphic evenvation at "Valikhahadakaya Gorta," T. Khodzhaniazov, Izv. AN Turk, SSR, Ser. obsin hestv. nauk no. 4:39-15 '66.

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Veterinary hygienic norms for the construction of cow the construction of the construction of combines and awine howes in Turkmenistan. A IA, Medvedev, D N, kelov Veterinarila 43 no 12:82-

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Age of Aktepe layers in the central Kopetdag and the Gyauradag region. A, V, Dmitriev. G, E, Kozhevnikova. Lzv AN Turk, SSR, Ser, fiz. -tckh., khim i geol nauk no 5:119-121 '62

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Turkmenistan inspection N Karaev, P Levishko, Zashch, 1ast. II no.12 15-18 '66

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Pattern of phagotypes of typhold fever cultures in the Furkmen S. S. R. N. V. Pankov. Zhur mika obiol, epid 1 immun. 33 no 6:58-60 Je '62

TURKMENISTAN-SWINE HOUSES AND EQUIPMENT

Veterinary hygienic norms for the constituction of combains, and swine houses in Turkmenistan. A 1A Medveder, ID N. Kelov. Veterinarii. 43 no. 1282-85 D. 166

TURKMENISTAN-OIGURS

Some data on the history and ottmography of Ligura in southern Turkmenistan, in the light of the annalgamation of nations G B Nikottakato, Nauch, trudy TashGU no 281;104-109 +66

TURKMENISTAN-WATER, UNDERGROUND

Balance elements of thermal waters in the area of western Turkmentan of the southern Caspian at lesian basin and the role of their mal source in the transportation of under ground heat, S. S. Pritts 'U. Evy, AN Iurk, SSR Ser fiz -tekb., klum, i geol na. a. no. 2,118-120. '61,

Role of condensed air moistine in feeding ground waters in the Karakum region. N. K. Kuldzhaev. Izv. AN Turk, SSR Ser, fiz., -tekh., Fluin, 1 geol nauk no 2 64-74 181

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TURNIPS-DISEASE AND PEST RESISTANCE

(see also subdivision under Leningrad Province) Resistance of the varieties and intervarietal hybrids of feed turnin and garden turnin to clubroot N.S. feed turnip and garden turnip to clubroot N.S. Pivovarova Shor, frud asp i mol nauch 50t; VIR no. 2-156-16B [6]

TURNIPS-STORAGE

Some morphological characteristics of the root system of turnips I, A. Galanders. Shot trud. asp i mol. nauch. sott. VIR no. 2:144-150 [6]

TURPENTINE

Chromatographic analysis of the industrial samples of domestic turpentine, I I Bardyshev, V. I. Kulikov, A L. Perisovskii, Gidroliz, 1 lesokhim, prom 19 no 3 16-17 166

TURDENTINE INDUSTRY

Dubin, Z.IU. [Resin-turpentine production] Smolo-ski-pidarnoe proizvodstvo. 2. izd., ispr., i dop. Moskva, Lesnaia promysil., 1866. 159 p.

TURPENTINING

Designing chemical backs G.B. Oloventkov. Gidroliz. i tesokhim, prom. 19 no. 8 18-19 166.

TURPENTINING-EQUIPMENT AND SUPPLIES

New tree tapping tools. I.A. Chenyshev. Gldroliz.i lesokhim prom. 15 no 4.25-26 162

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TUVA A. S. S. R --- COMMUNIST YOUTH LEAGUE

The Communist Youth League of Tuva on the frontier of the seven-year plan. G. Ch. Shir shin. Uch zap. Tuv nauch rissl last laz. Rt i ist. no 10 38-47 '65.

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TUVA A.S S R -ECONOMIC POLICY

Tuva's trade unions in the struggle for the seven-year plan. T.Ch Norbu. Uch zap Tuv.nauch -last inst tar. Itt i lot. no 10:27-37 '63.

TUVA A.S S.R -- INSCRIPTIONS, TURKIC

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THVA A.S.S.R. -MINES, ANCIENT

The smelling of copper in nuclent Tuva. IA.1.3unchu-gashev. Sov.arkheol 10 no. 1 181-191 '56.

TUVA A.S S R -ORE DEPOSITS

Characteristics of for motion and metamorphism of pyritecomplex metal ore deposits in Salair Range and Tuva K R Kovaley Gool i goofiz no 9:44-54 '66

TUVA A.S S R. --PARASITES-GAME AND GAME BIRDS

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Congress of the builders of communism. S. K. Toka Uch zap. Tuy nauch -isst inst iaz . lit i ist no 10:3-

on the occasion of the 40th anniversary of the organiza-tion of the Tuva People's Revolutionary Party. S.Sh Myndrima. O. T Tolgor-ool. Uch zap Tuv nauch -issl inst.toz., lit i ist no. 10 16-57 '63

TUVA A.S S.R. —RESTAURANTS, LUNCHROOMS, ETC Prospects of the development of public eating establishments in the republic. A. A. Solan Uch. zap Tuv nauchissl. fust taz . lit i ist. no 10:158-164 '83

TOVA A. S. S. R. -SHEEP BREEDING-ACCOUNTING The shepholds mechanized business accounting brigades I. T. Kyzyl-ool Uch. zap Tuv nauch -issi instiaz . iit i ist no 10:137-149 '63.

TUVA A. S. S. R. -SUGAR BEETS

Sugar beets in Tuva A. L. Bakulin. Uch zap. Tuv. nauch - issl inst taz., lit i ist no. 10:131-136 '63

TUVA A. S. S. R. -TRADE UNIONS

Tuyo's trade unions in the struggle for the seven-year plan T.Ch. Norbu. Uch zap. Tuy nauch. -issl inst isz. lit iisl. no 10:27-37 '63

TUVA A. S. S. R. -TRILOBITES

New trilobites of family Conoccryphidae from Cambrian of Siberian Platform and Tuva. M N. Kotobov Paleont, thur. no. 4,92-97 *66.

TUVINIAN LANGUAGE—CONSONANTS

Rules go.c. ning the coordination of consonants in the furnitian language DA longuish Uch zap law nauch rissi institut it is no 10 195-210 '63

TUVINIAN LITERATURE-HISTORY AND CRITICISM

Literary terrori M. 1 Izymeeva Uch rap Tu. nauch - 15el 10st 122 lit 1 ist no 10 303-304 '63

Trehniques of the portraval of characters in "The story of a common man. A A Izynesya. Uch zap fuv nauch - issi inst isz. In rist. no 10 180-195. 63

TUVINIAN POETRY-TRANSLATIONS INTO RUSSIAN

Translating of Turinian poetry into Russian D S Kuulai Uch 23p Turinian poetry into Russian D S Kuulai Uch 23p Turinian poetry into Russian D S Kuulai 179 '63

TUYMAZY OIL FIELD-OIL WELL DRILLING

Kuznelsov, A.Z. [With one's own labor] Svoim trudom.
U(a, Basikirskoe kuizhnoc izd-vo, 1963 27 p. (Mauki
promyshlennosti Basikirii)

TUYMAZY OIL FIELD-PETROLEUM REFINING

Office of partial dehalication of petroleum prior to its reching central dehalicating plants. N.S. Marinin Neiteprom delo no 12 20-26 166

TVARDOVSKII, ALEKSANDR TRIFONOVICH, 1910-Roshchin, P. F. Aleksandr Tvardovskii, Moskva, Prosveshchenie, 1966, 174 p. (Biblioteka slovesnika)

TYPHOM FEVER

(see also subdivision under Azerbaljan)

Experimental basis for enteroyaccination in typhoid fever, A N Meshalova, N Sh Amirov. Zhur mikrobiol , epid i immun. 33 no 6 49-54. Je. 6 2

Principles and prehiminary especience with the use of Funzolidone, a nitrofuran preparation in the treatment of typhoid and paratyphoid diseases M. M. Budzhe, A. F. Blinger, L. S. Chekmerva, Zhan mikrobiol, epid i immun. 33 no 6 142-144 Je. 162

TYPHOID FEVER-MICROBIOLOGY

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TYPHOONS

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TYUMEN PROVINCE—OIL WELL DRILLING

What the experience of Tyumen' drillers tells us 4. Smirnov. Neftjanik II no 11 20-31 N 166.

UCHALY (BASHKIRIA)—CONSTRUCTION INDUSTRY— MANAGEMENT

Lárin, M.O. [Integrated brigade is on the frontier] Kompleksnala na perednem krae Ufa, Bashkirskoe knizhnoo izd-vo, 1984. 30 p. (Majaki pi omyshlennosti Bashkirsi)

UDDER

Use of antiseptic preparations as cintments for the teats of cows. V.D.IAblochkin, A.G. Millanovskii, Vetermariia 43 no.12 86-88 D 166

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Causes of mastitis in machine milking of cows. N.M. hhillkevich Veterinariia 43 no. 12 76-79 D 166.

Diagnosis of subclinical mastitis in cows by the use of milk test plates. I.G. Velitok and others. Veterinariis 43 no. 11.78-80 N 166

Treating mastitis caused by foot-and-mouth disease, A.T. Marchuk, V. A. Fortushnyl. Veterinarita 43 no. 186-88 Ja 167.

UDMURT A. S. S. R. -DAIRY BARNS

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HEA-HARBOR

In the Board of the Ministry of the River Fleet Rech, transp. 25 no.12 53 '66

HEA-PLUMBING

Ura—Phombied
Leading brigade of sanitary engineering workers.

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DIGLICH RESERVOIR-HYDROLOGY

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Water balance of Uglich Reservoir, V I Kolkutin Shor, rah, Ryb gidiomet obsei no 3 30-19 166

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INTRA INT

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UKRAINE-AFFORESTATION

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UKRAINE—BEEF CATTLE—DISEASES AND PESTS

Veterinary hygienic measures as the basis of the prophylaxis of foot-and-mouth disease, N. I. Gorban'. Veterinariia 43 no 193-95 Ja '67

UKRAINE-BENTONITE

Using Ukrainian bentonite to obisin clay muda. A.1, Zolotareva, Z. F. Fomenko, Neft, i gaz, prom. no. 3; 32-35 JI-S 103.

UKRAINE-BIBLIOGRAPHY-EARLY PRINTED BOOKS

Armenian books printed in the Ukraine; the 350th anniversary of the publication of the first Armenian book printed in the Ukraine IA, R. Dashkevych Ukr. ist. zbur. 13 no. 12:132-134 D *86.

UKRAINE—BIOLOGICAL RESEARCH

Measures for further development of biological science and strengthening its relations with practice. Dop, AN URSR no. 7 076-979 '63,

UKRAINE-BITS (DRILLING AND BORING)

Some reserves in the weak of toller bits in the Ukraine. N.A. Zhidovisev. Neft, i gaz. prom., no. 1;26-31 Ja-Mr 163.

UKRAINE—BOOKSELLERS AND BOOKSELLING Our prospects. G Shabiii, Knizh, torg. 17 no. 1218-10 D 166.

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UKRAINE-BOOKSTORES

Outside the boundaries of a republic, M. Shirokovskii. Knizh, torg 17 no 12-15-16 D 466.

UKRAINE-BROMGRASS

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UKRAINE-CANCER

Regional characteristics of the occurrence of maligning neoplasms in the Ukrainian S. S. R. N. G. Zhachkov, skii, R. G. Phakin, Klin, onk, no 1/248-223/65

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UKRAINE-CHEMICAL RESEARCH

Scientific Council session on problem of chemistry of complex compounds. A M Lepens. Dop AN URSE no 19516 '66

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Work experience of intercollective farm building organizations in the Republic, V. Chapitakii, Stroi. 1 arkbit, 14 no. 11:11-14 N 466

UKRAINE-COMMERCIAL LAW

The new civil code of the tiki alnian S. S. R. and compacted contracts, V. S. Shelestov Prayornayatvo no. 1 36-43 '65

UKRAINE --- COMMUNIST EDUCATION

Misnik, O.I. [Those who start life] Vetupanishchie v zhizn' Dhepropetrovsk, Promin', 1966, 60 p.

UKRAINE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Malylichuk, M.M. [Organizational work of the party in the industry of the Ukraine, 1052-1958] Organizators'ks robota partii o promyslovosii Ukrainy, 1952-1958 rr. [Kyiv] Vyd-vo Kyivs'koho universytetu, 1960, 147 p. (CSt-II)

Party assignments and political lecturers. S. Anisimov. Agitator 34 no. 1:33-35 Ja 167.

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UKRAINE-DECORATION AND ORNAMENT

Popularization of monumental art during the first year a of the revolution in the Obraine. I., Vladich, teknostvo 29 no. 11:41-50 [66].

UKRAINE-DISORDERLY CONDUCT

Let us relentlessly struggle against alcoholism und rowdylam O. Dotsenko, H. Karavalov. Rad, pravo 29 po. 12:82-83 D '66

UKRAINE-DRAINAGE

Drainage norms for excessively wet mineral soils using tille drainage. Z. A. Zabochina. Vosl. khoz. no. 1:70 80

Effect of tillage methods on the change in moisture and aeration conditions of the plow layer of peat solls differing in the degree of dvaimage. M. N. Mostovyi. Vod. khoz. no. 4:01-90 '66.

Some problems of the effectiveness of drainage and land reclamation in the Ukrains. D. G. Afanas'ev. Vod. khoz. no. 4:197-203 '66.

UKRAINE—DRAINAGE—ELECTROMECHANICAL ANALOGIES

Determining the distance between herizontal incomplete drains in irrigated fields on simplified models using the method of electrohydrodynamic analogies. Vod. khoz. no. 4:37-44 '66.

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UKRAINE-FISHPONDS

Tressul es of blue fields Stepan Vashets Sov. Uki. 12 no 4 133-141 Ap '62

UKRAINE-FOREST INSECTS-EXTERMINATION

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UKBARIE --- FRACTURES

Treatment of fractures in province hospitals of the Ukrainian S. S. R. N. A Korop, Travmatologiia no. 1:43-49 '65,

HERAINE __FRUIT_IRRIGATION

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Basic problems in the methodology and organization of prospecting operations for oil and gas in the castern regions of the Ukrainlan S. S. R. B. S. Votob'ev, V. I. Zelenski, V. I. Zil'bor man. Neft, i gaz. prom. no I. 10-14 Ja-Mr 163.

UKRAINE-GAS, NATURAL-STORAGE

Building storage reservoirs for natural gas in the Urraine, V S. Chernovol Nett I gaz, prom. no. 1; 68-69 Ja-Mi: '63.

UKRAINE-GAS INDUSTRY

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Some problems of the development of the petroleum and gas industries in the Ukraine, T. Gonta. Komm, Ukr. 41 no. 1.79-83 Ja 167.

UKRAINE-GAS WELL DRILLING

Further development of the oil and gas industries in the Ukraine V. I. Kulinvin Neft i gaz prom no 3:15-17

UKRAINE-HEMP-DISEASES AND PESTS

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HIKRAINE-HISTORIC HOUSES. ETC.

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UKRAINE-HISTORIOGRAPHY

Beginning of the I cala phase in the Ukraialan historio-graphy. N Lipovchenko Komm, Ukr. 41 no. 12:37-18 D 65.

Clase struggle in the feudal Ukraine in the interpretation of Soviet Ukrainian historians, I, M, Hapusenko, Ukr. 1st. zhur. 10 no. 12:109-114 D '66.

UKRAINE --- HISTORY

Trogozhin, A.I. [Roestablishment of Soviet power in the Ukraine after the expulsion of German inperialists and the rout of the bourgeois nationalist directory] Vosstanovlenie sovetskol viasti na Ukraine posle izgannita nortenin Sovienos vinst in okranie poste izginiliti nemelskithi imperialislov i razgroma burzhuazno-natsionalisticheskol direktorii; konspekt lektsii, Khar'-kov, Kharkovskii iurid, in-t, 1905. 34 p. (CSt-H)

UKRAINE-HISTORY-PERIODICALS

Our periodical told our readers about its work, 1,1. Pantotov. Ukr.ist, :hur. 10 no. 12:147-148 D '60.

UKRAINE-HOSPITALS-OUTPATIENT SERVICES

Dispensary observation of invalids using prosthesis and orthopedic articles. A. P. Kotov Travmatologila no 1.50-58 '85.

UKRAINE—HOTELS, TAVERNS, ETC

Petrovskii, IU.V. [A hotel at your service] Gostinitsa
k vashim uslugam. Kyiv, Budivel'nyk, 1965. 36 p.

Group and fractional composition of humus in Cherno-zems of the forest-steppe of the Ukraine, V. A Bystryi, AgroPhimtin no. 12 68-74 D 186,

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UKRAINE-INDUSTRIAL MANAGEMENT-CONGRESSES

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UKRAINE-INDUSTRIES

Matvilchuk, M.M. (Organizational work of the party in the industry of the Ukraine, 1952-1958) Organizators'ka robota partii u promyslovosti Ukrainy, 1952-1958 rr, [Kyly] Vyd-vo Kylvs'koho universytetu, 1900. 147 p. (CSt-II)

UKRAINE-INHERITANCE AND SUCCESSION

Intestate succession according to the new civil code of the Ukrainian S. S. R. A. A. Painshtein Pravoznavstvo no. 1:50-56 '65.

UKRAINE-INTERNATIONAL STATUTES

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UKRAINE-IRRIGATION

Salinization of soils during the irrigation with mineralized waters. A. M. Korzh. Vod. khoz. no. 4 113 - 119 '66. Underground water a of the Pliocene alluvial deposits of the region of actual and prospective irrigation areas in the ingul-ingulets interfluve. D V.Zakrevskii,

A. A. Kultashev. Vod. khoz. no. 4:106-112 '66, UKRAINE-IRRIGATION CANALS AND FLUMES-MAINTENANCE AND REPAIR

Resistance of herbicides and wastes of chemical produc-tion in soils of irrigation canals. V. P. Batiuk, A. A. Gurshdia, Vod. khoz. no. 4:54-57 | 66.

UKRAINE-IRRIGATION FARMING-ECONOMIC ASPECTS

Economic evaluation of irrigation systems for farm crops in the southern Ukraine. P.D. Khudinkov, Vod. khoz. no. 4:179-180 '66.

UKRAINE---KARST

True rate of movement of underground waters in some Ukrainton kerst regions. V. M. Dubliens'kyl, IU. I Shutov Dop, AN URSR no 11:1464-1487 '66.

UKRAINE---LABOR AND LABORING CLASSES

Quantitative changes in the structure of workers employed at the industrial enterprises of the Ukrainian S. S. R. in the postwar period, V. O. Romantsov. Ukr. ist, zhur 10 no, 12, 13-21 D 166.

UKRAINE-LAW-CASES

Decisions of the Supreme Court of the Ukrainian S.S.R. Rad. pravo 29 no. 12:92-96 D | 66,

UKRAINE-LEGAL RESEARCH

Present-day status and objectives of jurisprudence in the Ukrainian S.S.R. Pravoznavstvo no.1:3-20 '65

UKRAINE-LOESS

Boundary of argyllaceous fraction in locases of Ukrainian S.S.R. V F. Kraev. Dokl. AN SSSR 171 no 2-453-156 N '60.

UKRAINE-MACHINERY INDUSTRY-MANAGEMENT

Yakshul', N.I. [Continuous operation planning] Nepre-ryvnoe operativnoe plantrovanie, Khar'kov, Prapor, 1986, 79 р.

UKRAINE-MANUFACTURES

Information, Leh.prom, no.2:88-94 Ap-Je 162,

HERATNE __MAPS

Atlas of the Ukrainian S. S. R. and the Moldavian S. S. R. I. I. Hurin, I. P. Starovoiteako. Dop. AN URSR no. Uz 1530-1532 162.

UKRAINE-MEADOW GRASS

Poa hybrida Gaud, in the Ukraine, O. M. Polarkova, Ukr. bot, zhur. 20 no.1:82-84 '63,

UKRAINE-MERCANTILE BUILDINGS

Commercial and general service enterprises in zones of attraction of small towns and rural settlements. N. Pogozhina, Strot. i arkhit. 14 no. 11:26-28 N '66.

HKRAINE-MINERALS

Terrigenous-mineralogical provinces of Balta sediments A. P. Mel'nyk. Dop. AN URSR no II;1477-1481 '60'

UKRAINE—NATIONALISM

Knysli, Zynovii. (One's own way; the Ukrainian Military Organization from the fall of 1922 to the summer of 1924] Vlasnym ruslom, Ukrains'ka vits'kova organizatsita vid oseny 1922 do lita 1924 roku. Toronto, Sribna surma, 1968–184 p illus. (Sribna surma; Zbirnyk, no 44) no. 4) (CoU)

UKRAINE-NOTIONS (MERCHANDISE)

Ways of improving the notions and perfumery blade.

I. Ti pak Sov pobleb koop 10 no 12 11-12 D '66

UKRAINE-NUCLEAR PHYSICS

Work of the Scientific Council on Cooldination of Scientific Research on the problem "Nuclear physics and the use of atomic energy," Dop. AN URSH no 11 1528-1529 162

UKRAINE—OIL INDUSTRIES

For the further growth of the cile and fats industry of the Ukrainan S. S. R. Masi, -thir, prom. 28 no. 6:1-2

Results of the work of the oils and fats enterprises of the Ukraine during 1961, I. Sh. Siganur, Mast. -2hir, prom. 28 no. 63-5 Je 462

HERAINE—OH, WELL DRILLING

Economic efficiency of copiial investments in deep prespecting drilling for oil and gas in the Ukraine. M. I.
Buranovskii Neft i gaz prom no 3 35-39 Jl-S '63

Further development of the oil and gas industries in the Uk; aine V. I. Kullovin Neft i gaz prom no 3:15-17 J1-S '63

UKRAINE-OIL WELL DRILLING FLUIDS

Using Ukrainian bentonite to obtain clay muds. A. I. Zolotsi eva. Z. F. Fomenko. Neft. i gaz prom. no. 3:32-35 J1-S 63

UKRAINE-OILS AND FATS-RESEARCH

Scientific Conference in the Ukrainian Scientific Research Institute of the Oils and Fats Industry A, A Lestois Mast -zbit prom 28 no. 5 46-47 Je 162,

HERAINE-ORE DEPOSITS

Organic carbon in the one deposits of the South Ukrainian manganese basin. IF, F. Shniukov. Dop AN URSR no. 7:933-936 163.

UKRAINE—PAINT INDUSTRY

Economic efficiency of the manufacture of synthetic lac-quer resins in the Ukraine, V. N Sannykov Khim, prom [Ukr.] no. 3.74-77 JI-S '82.

UKRAINE-PAPER INDUSTRY

Scientific Council on the problem of the complete utilization and reproduction of forest resources of the Ukrain-ian S.S.R. and vegetable raw anatorials other than wood. V.F. Korenev. Burn, i der. prom. no 3:56 Jl-S 102.

UKRAINE-PARASITES-JERBOAS

Fleas of the jorbos Scirtopola tolum and a case of their spontaneous infection by a listerlasis agent. V.I. IUrkina. Dop, AN URSR no. 7:870-972 (63.

UKRAINE-PEASANT UPRISINGS

Chass struggle in the feudal Ukraine in the Interpretation of Soviet Ukrainian historians, I M. Hapusenko, Ukr. Ist. zhur. 10 no.12:109-114 D 66.

UKRAINE—PERFUMES

Ways of improving the notions and perfumery trade.

1. Tirpak. Sov. potrob. koop 10 no.12 ti-12 D 166.

DKRAINE-PETROLEUM GEOLOGY

Basic problems in the methodology and organization of prospecting operations for oil and gas in the castern regions of the Usrainian S.S.R. B.S. Vorablev, V.I. Zefenskli, V.I. Zil'berman. Neft, i gaz, prom. no. l; 10-14 Ja-Mr '63.

UKRAINE-PETROLEUM INDUSTRY

Petroleum and gas industries of the Ukraine in the first four years of the Seven-year plan and future goels. Neft. i gaz. prom. no. 1:3-5 Ja-Mr 163.

Some problems of the devotopment of the petroleum and gas industries in the Ukraine, T. Gonta, Komm. Ukr. 41 no. 1:79-83 Ja *67.

UKRAINE-PETROLEUM REFINING

Cyclohoxane content in oils and condensates from the fields of the Ukreine. V. T. Skilar and others Noti gaz. prom no. 3:54-56 J. S. 163.

UKRAINE-PHARMACISTS

Improvement of pharmacists in the Ukraine. G. A. Vaisman, I. A. Miniovich. Apt. delo 12 no. 1:81-63 Ja-

UKRADIC-PHLEUM

of it. The amount of the The and closely stellated species of it. The amount flow is I. P. Shore is not ... Uki bot zhin ... 20 no. 1.79-81 163

UKRAINE-POLITICS AND GOVERNMENT

The staffs of people's control, from the experience of the party and government control committees attached the party and government control commutees attached to party and executive committees in the provinces, edities, and districts of the Unrainian S. S. R. | Shtaby a readneho controllu, z dosvidu raboty controllu partider zhisoatrollu obkomik partij i oblyskoakomik, mistakh i ratomych KPDK Urrains'kol RSR, kyly, Vyd-vo andri berg tarakh. polit.lif-ry Ukrainy, 1965. 82 p. (CaOTU)

UKRAINE-POTASH INDUSTRY

Production of chassium intract and chloride-free introprishs on the basis of Kahisa potassium sulfate. III 1U Ketcha, IA P Mezhenner Khim prom [Ukr.] no 3 9-12 J1-5 162.

UKRAINE-POTTERY, ANCIENT

Classification of the plastic potters of the Chemisakhos cultural type. G. F. Nivilna Sov. arkheol. 10 no. 4 70-85, 208

UKITAINE --- PUBLIC PROSECUTORS

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UKRAINE-PUBLISHERS AND PUBLISHING

Outside the boundaries of a republic M. Shirokovskii Knight torg 17 no 42 15-16 D 466

UKRAINE-PUMPING MACHINERY, ELECTRIC

Weat of the parts of submersible electric pumps in operational conditions N.A. Palyshi m. Vot. khoz. pp. 4 157-104 '66.

UKRAINE-RECLAMATION OF LAND

Reclamation of land is an important problem facing the national economy. I Andrienko, Komm Uki 41 no. 12 II-19 II 166

UKRAINE-REGIONAL PLANNING

Semular of the district architects of the Ukraine. G Rogorhin Arthit SSSR no 864-65 186,

UKRAINE—RELATIONS (GENERAL) WITH HUNGARY

A session devoted to Ukrainian contacts with Hungary, N.M. Klebanivs'ia, Ukr. ist. zhur, 10 no Ukisa-159

UKRAINE-RESEARCH, INDUSTRIAL-INFORMATION SERVICES

Organizing information about the activity of the institute, k. I. Shelkov,i. Vest mashinosir 46 no 12 78-75

UKRAINE-REVOLUTION OF 1905

m the revolutionary past. D M Shvarts-Shvartsman Vop. ist KPSS II no. 1 115-120 Ja 167

UKRAINE-REVOLUTION, 1917-1921

UKRANE—REVOLUTION, 1917-1921

Counterrevolutionary contacts between the Central Rada and the White Guard units of the Don Cossacks. T. M. Kelisher. Ukr ist. zhur. 10 no. 12 86-90 D '66.

Homin Utrainy, 'Vydavnytstvo, Toronto. [Literary calendar of the "flomin Utrainy" Publishing House for 1967, for the 50th anniversary of the Ukrainian national revolution and the centenary of Canada, 1867-1867] Al'manakh kalendar... na rik 1997, u 50-richchia Ukrains'koi natsional'noi revollutsii i 100-richchia Ukrains'koi natsional'noi revollutsii i 100-richchia Kanady, 1867-1867, Toronto, Makladom Vyd-va "Homin Ukrainy [n.d.] 199 p.

UKRAINE-REVOLUTION, 1917-1921-CAMPAIGNS

Williary assistance of the Russian people to Ukrainian workers in the stuggle against the Central Reda and the troops of Kajedin, December 1917-January 1918, P. I. Harchev. Ukr. ist, zhur. 10 no. 11:103-109 N '66,

The Red Guards in the rural areas of the left-bank
Ukraine, November 1917-January 1918. P. F. Reshod'ko,
Ukr, ist, zbur. 10 no. ii:95-102 N '86.

Some pages from the history of the Red Cossacks' struggle against the Denikin Army, P.D. Hur'ianov, Ukr, fst, zhur, 10 no. 11.87-94 N '66,

UKRAINE-RHODODENDRON

Propagation of Rhododendron ponticum L. by cuttings, S.N. Prikhod'ko, Biul, Glav, bot sada no. 63,21-22 '86.

UKRAINE-RICE

Moisture and salt conditions of soils of the Solonetz complex in the southern Ukraine used in growing rice, I. S. Zhovtonog. Vod. khoz. no. 4:45-53 [66].

ukraine—rites and ceremonies

Horobets', H.L. [National holidays today] Narodni svikta s'ohodni. Kytv. [Vyd-v 'Radians'ka Ukraina''] 1964. 31 p. (Tovarystvo "Znannia" Ukrains'koi HSR Scrita VII, no. 19)

UKRAINE-ROAD CONSTRUCTION-TECHNOLOGICAL INNOVATIONS

Exhibition of innovations in road construction in Ukraine K Ski ipko Avt doi 29 no 12 37-28 D *60

UKRAINE-ROCKS, SEDIMENTARY

Terrigenous-mineralogical provinces of Balta sediments Mel'n. F Dop AN URSR no. 11-1477-1481 '66

UKRAINE—ROTATION OF CROPS

Structure of plantings and crop rotations. A.A Sobko, M.M. Gorianskii, V.I. Ostapov. Zemledelle 28 no 10 12-15 O 168

UKRAINE-RURAL CONSTRUCTION

Advanced plan of organization of tural construction, 1 Bespulyt, Strot.i arkhit 11 no 11:9-10 N '66

Build quickly, inexpensively, and well, N. Mikhailov and others. Strol, i arkhit. 14 no. 11 1-8 N. 166.

Introduction of new materials in rural construction. L. I lubimov Stroi, i art bit, 14 no 11 15-16 N 166

UKRAINE-RURAL CONSTRUCTION-MECHANIZATION

Mechanization in mural construction, A. Prima. Strol. i arkhit 11 no 11 in-18 N '66

UKRAINE--RURAL PLANNING

Establish reglistic bases for planning rural settlements. V Zhizdrinskil, Z.Moiseenko Strot i arkhil. 11 no. $11;19-21\ N$ %6.

UKRAINE—RURAL PLANNING—CONGRESSES

Republic Congress on Planning and Construction of Rural Settlements, Stroi i archit. 14 no.11 10 N '60

UKRAINE-SERVICE INDUSTRIES

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UKRAINE-SLAVIC STUDIES

The Seventh Conference of Ukrainian Slavists. D. P. Polda, N.O. Struchkova, H.S. Kruchkeyych, Ukr ist. zhur, 10 no. 12 146 D 166.

UKRAINE-SOIL INOCULATION

Preparation, use and effectiveness of bacterial fertilizers in the Unainian S.S.R. S.A. Samtsevich Mikrobiologia il no. 5:923-933 S-O 162.

UKRAINE-SOLONETZ SOILS

Moisture and salt conditions of soils of the Solonetz complex in the southern Ukraine used in growing rice, I. S. Zhovtonog. Vod. khoz. no. 1-45-93 166

UKRAINE-SOVIETS

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UKRAINE—SPRINKLER IRRIGATION

Effect of the stand height of crop plants on the reduction of the sprinkled layer falling on the soil using DDA-100M sprinkler, I. F. Shtangui, Vod. khoz. no. 1123-28

UKRAINE—SPRINKLERS
State and the possibility of improving the use of sprinklers. M. A. Gnoevyth. Vod. khoz. no. 1:29-36 '86.

UKRAINE—STRENGTH OF MATERIALS

Basic tronds in scientific reseasch on problems of the strength of materials in institutions of the Academy of Sciences of Ukrainian S S.R. Dop. AN URSR no 11:1510-1511 '69

Founding of the Institute of Strength of Materials of the Academy of Sciences of Ukrainian S. R. Dop AN URSN no 11:1510 '66

ukraine---strongyloidiasis

Distribution of strong toldiness among the rm at popula-tion of the western regions of the Ukraintan 5, 5, R. E. Sheblovskala Med paraz i paraz bol 32 no 2 ta8-171 Mr - Ap '63,

UKRAINE—SUGAR BEETS—FERTILIZERS AND MANURES Efficiency of the use of boton fertilizers in sugar heet growing in the Ukraine, V. S. Karetnykova, Khim. prom. [Ukr.] no. 3,77-78 Ji-S '62,

UKRAINE—SULFURIC ACID INDUSTRY—COSTS

Possibility of reducing the cost of production of sulfuric acid in the Ukrainian plants, F. I. Stryhunov Khim, prom. [Ukr.] no. 3 72-74 J1-S '62.

ukraine—summer resorts—design and con— STRUCTION

Success of Ukrainian architects, A. Linkov, I. Mezentsev, Strot. I arkhit, 14 no. 11:38-40 N 166.

UKRAINE-SUNFLOWER SEED OIL

For an increase of the production of sunflower seed oil by the Ukrainian factories, A. A. Lesiuis. Mast, -zhtr prom. 28 no. 6.5-7 je 182.

UKRAINE--TEXTILE FIBERS, SYNTHETIC

Synthetic fibers in the economy of the Uki aintan S. S. R. I. P. Kozteva. Khim. prom. Ukr no. 6 49-52 N. D 166.

UKRAINE—TEXTILE FIBERS, SYNTHETIC—RESPANCE

Results of the work of the Ukrainian Scientific Research Institute for the Processing of Synthetic Piner: Smirnov I ch. prom., no. 2,60-62 Ap-Je th'.

UKRAINE-TRADE UNIONS

The demands of our time. I Komm ov. Sov. profesours, 22 no. 24 9-11 D '66

UKRAINE—TRANSPORTATION

Efficient distribution of resight hantage between the reli-road and automotive transportation systems. [Bird chenko Avi transport in no 7 18-20 Ji 163

UKRAINE-VIEWS

Unlate Ukrainy. The youth of the Ukraine. Fotcollien, [Kyiv, Molod', 1986. [2] p (chiefly illus.) text (Insert) [In 6 longuages]

UKRAINE-WAGES-SHOE INDUSTRY

Results of the transfer of slice industry enterprises in the Usea due to now wage systems 1 t. Kremyn dy M.I. Hershun. 1 ch prom no 2:78-80 Ap-16 to

UKRAINE-WATER, UNDERGROUND

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UKRAINE-WHEAT-DISEASES AND PESTS

Winter wheat streak mosaic in Ukraine, S. M. Marka-vets!, A. M. Oltinyk. Mikrobiol, thur. 28 no. 6:11 50

UKRAINE—WINE AND WING MAKING

Okhromenko, N.S. [Wine making and wines in the Ukraine] Vinedelie i vina Ukrainy. Mosky i, Philichevala promyshl., 1966. 336 p.

UKRAINE—WOODWORKING INDUSTRIES

Scientific Council on the problem of the complete utilization and suproduction of forest resont ces of the like the ian S. S. R., and vegetable raw materials often than wood V. F. Korenev Burn, i der. prom no 3:56 Jl 5

UKRAINE—WORKS COUNCILS

From trade-union group work practice. Sov. profession 22 no. 24 10-12 D 166.

UKRAINE--WORLD WAR, 1939-1045

Bugroy, N.N. [Raid beyond the Dnieper] Reld na Za-dneprove, Moskva, Voen. izd-vo m-va obor, 885R, 1964, 125 p. (Geroicheskoe proshloe nashel Rediny) (NN)

Utt.in, G.M. [Assault on the "Eastern bulwark", libera-fion of the left-bank Ukraine and the crossing of the Duleper] Shturm "Vostuchnogo vala", osvebezhdeak Levoberezhnof Ukrainy i forstrovanie Duema, Mo-skva, Voenizdat, 1907. 463 p.

Visiting the places of our battles. O. L. Rronik, Wilist, thui, 10 no. 19:146-147 D 166.

UKRAINE-WORLD WAR, 1939-1945-UNDERGROUND MOVEMENTS

Mass political work of the Central Committee of the Communist Party of the the abre behind enemy list P. I. Denyarako - Ukr. ist. zime. | 10 | no. 12 | 31 - 10 D | 166.

UKRAINE-ZOONOSES

Brief news. Zhar-mila objot , epid 4 immus. 33 $~\rm 400~b_{\odot}$ 152 - 157 $~\rm J_{\odot}$ $^{-1}62$

UKRAINE, WESTERN-COMMUNIST PARTY

Defense of a doctoral dissortation. E. M. Lavrova, Wil. ist, zhun. 10 no, 11:160 N 166.

UKRAINE, WESTERN-HISTORY

V. Podolynstkylts "A word of warning," F. I. Steblil Ukt lst. thur, 10 no. 12:41-51 D 166,

ukraine, western—trials (political crimes AND OFFENSILS)

The trial of 161 Communists in Viadimir-Volynskiy. O.M. IAvorstkyi. Ukr. ist. shur. 10 no. 12-123-127 D 166.

UKRAINIAN ART see Ait, Ukrainian

UKRAINIAN ART OBJECTS see Art objects, Ukrafalan

UKRAINIAN FOLK SONGS see Folk songs, Ukrainfu

ukrainian language—dictionaries—russian Bilefs'kyl-Nosorko, P.P. [Dictionary of the Ukrainian language] Slovinyk ukrains'kol movy. Pidholuvav da vydannia V.V. Mimchuk. Kyiv, Naukova dunka, 1966 421 p. (Pam'iatky ukrains'kol movy)

UKRAINIAN LITERATURE-BIBLIOGRAPHY soc Blo-Hography-Ukrainian literature

ukrainian literature—History and Criticism Herizen and the Ukraine. Leonid Khinkulov, Sov. Ukr. 12 no i-161-170 Ap -162,

UKRAINIAN LITERATURE—STUDY AND TEACHING

Kostenko, M. O. [Tasks of teaching Ukrainian literature in the light of the decisions of the 22d Congress of the CPSU] Zavdannia vyklad unda ukrains'kol literatury v svilli rishen' XXII z' izdu KPRS, Kyiv, Radians'ka shkola, 1963, 59 p. (NN)

UKRAINIAN NATIONAL CHARACTERISTICS see National characteristics. Ukrainian

UKRAINIAN NEWSPAPERS

Features of the creative work. I. Bykov. Komm Uki 41, no 12 74-75, D 166

My thoughts and suggestions N Bogush, Komm. Ukr II no 12.75-76 D 166

Newspapers and the party's leadership in the economy.
A [Ascitabit from Uki 41 no 12 77-78 1) '68

UKRAINIANS

(see also subdivision under Brazil; Slovakia)

Zaporozhets', Sydir. [Social problems of everyday life] Solsial'no-pobulovi problemy. Toronto, 1956, 296 p. (Coll)

ULAN-UDE-DAIRY INDUSTRY-FINANCE

Reducing production costs and increasing wages in a dairy combine K. Buracy. Sets trud II no 12:126-127 D 166

ULAN-UDE-LAW-STUDY AND TEACHING

A new group of public leaders has completed its study of law. G Subbotin, Sots, zakon no. 11 79 N *66.

ULTRABASITE see subdivision under Ural Mountains

DIATRASONIC COAGULATION

Acoustical method for the low temperature separation of natural hydrocarbon gases. D. P. Mednikov, Trudy Kd. 18:222-233 '62

DITRASONIC TESTING

Quality control of concrete in precise concrete elements
with the aid of ultrasonics 5 N Korotkov, 1 S Koskin
Shor trud ROSNIMS no 24:87-93 '62

Ultrasonic method for determining the modulus of clasticity of polymeric materials N.V. Rapp Plast massy no 9 58-60 462

Ultrasonic method to control the production of block polystence I. M. Suntsova, V. P. Guivan Plast massy no 12 59-60 466

What resistance changes in P18 steel under the effect of ultrasonic waves, V N Chachin, A 1 Skripatchen-to Doki, AN BSSR 10 no 10 783-785 O 786.

ULTRASONIC WAVES

Anomalous secondary election emission from alkali halfde dielectries in ultrasome fields. Part 2, V. Kenev. Lv AN SSSR, Scr fiz. 30 no. 12 1908-1911 D 456

Pffect of ultrasonic vibrations on structure-forming processes of aqueous dispersions of kaolinite treated with sodium silicate. V V Muncheng, S P Nichipo-tanko, N.N. Krugitskii Ukr. khim zhor 32 no 12 1302-1305 166.

l'ffect of ultrasound on oil suspension of bar ium sulfate Paeltreinary report G. V. Panenshin Trudy Novokuz GHIIVa 32:147-150 '65

ULTRASONIC WAVES-INDUSTRIAL APPLICATIONS

Investigating structure formation of warm asphalt concrete by means of ultrusonics III N Pitetskii Avt doi 29 no 12 8-10 D '56

Measurement of electrolyte concentration with a differential ultrasonic instrument $(V,\Lambda,Nosov)$ and others, (1201), (1201

Notion of conjecting oil in a round pipe in an ultrasonic field. P. M Skublevskif, A I, Mikhel'man. Neft i gaz prom. no 3,52-53. Ji-S. 163.

Ultrasonic emulsification of oleic acid, tall oil, and ANP-2 to ore the energy plants. A A Baishulakov and others Gor. when the no 12-51-53 D $^{1}66$

ULTRASONIC WAVES-PHYSIOLOGICAL EFFECT

Morphological changes in the internal organs and skin caused by local ultrasonic bradiation. S. A. Bershtein. Dep. AN URSR no. 7:921-927 '63.

Rate of propagation of utirasonic oscillations in the blood, 1, R. IEwdokymov, Dop. AN URSR no. 7.927-929 183.

ULTRASONIC WAVES-SCIENTIFIC APPLICATIONS

Use of ultrescale waves for the isolation of pollen from losses and clayey rocks M. P. Grichuk Vest Mosk un Ser 5; Geog 21 no 6;56-59 N-D '66

ULTRASONIC WAVES-SPEED

Relation between their modynamic stability and structural characteristics of liquid. V. B. Baskakova. Zhur, fiz. t.him. 40 no. 11;2022-2021 N '66.
Theory of ultrasonic wave propagation in binary mixtures with allowance for collective interaction. A.A. Adkhamov, T. Makhmudov. Dokl. AN ladzh SSR 9 no 12 11-11 '66.

ULTRASONIC WAVES-THERAPEUTIC USE

Use of ulit asound in the treatment of phantom pains fol-towing amputation of extremities. A.I. Kravchenko. Travmistologita no. 1.00-94 165.

ULTRASONIC WELDING

Ultrasonic welding of microcir cuit components with undirect pulsation heating, 1U. I. Krasulin, A. P. Kozhevnikov, V. I. Kuz'min. Avtom, svar. 10 no. 12: 60-61 N (i . D) '66.

ULTRASONICS

CdS crystal growing for purposes of ultrasound intensification L.A Sysocv and others Kristallografia 11 no 6 933-935 N-D 166

Ultrasonic capillary effect, E.G. Konovalov, I.N. Ger-manovich Dokl AN BSSR 6 no 8:492-493 Ag :62

Ultrasonic protection of a ship from fouling A M Akselband Trudy Okean kom 13 7-9 '62

ULTRAVIOLET RAYS

The nature of the electron paramagnetic resonance spectra of amino acids and proteins under the influence of ultraviolet light O A Azizova Blofizika 8 no 5:556. 60 63

Reactions of some saturated monobasic acids with hydro-gen perovide subjected to ultraviolet in adiation V F Shurygin and others. Zhurrorg khim 2 no lt 2007-2011 N 166.

Study of methacry lamide grafting to triscetate collulose films under the effect of ultraviolet in addation. S K. Kudrna Vysokom soed 8 no 10,1823-1827 O '66 Study on the radioprotective properties of infrared and ultraviolet rays in lesions caused by Xrays Azerb med. zhur. 40 no. 3:49-55 Mr '63

ULTRAVIOLET RAYS-EFFECT ON PLANTS see Plants, Effect of ultraviolet rays on

ULTRAVIOLET RAYS-INDUSTRIAL APPLICATIONS

Pasteurization of milk by ultraviolet rays V. P. Koria-zhnov, V A Bairak, V.M Belomosov Vetermaria 13 no l 91-93 Ja *67

ULTRAVIOLET RAYS--PHYSIOLOGICAL EFFECT

Auxon ophic variants of Salmonella typhimurium produced under the influence of ultraviolet rays. Report No.1, Isolation and identification. V. G. Petrovskala, S. B isonation and identification V. G. Petrovskala, S. B Prozo, ovskii, Chalon Gaun'funn, [[Chon Kunn-yuan] Zhur mikrobiol , apid, i immun 33 no. 6:37-43 Je '62 Effect of ultraviolet in addation on catalytic proteinase activity, I.D. Ivanov F. E. Rakhleeva Ukr. biokhim zhur, 38 no 6 625-629 '66

Problem of the effect of meal from pine needles and Problem of the effect of meal from pine needles and ultraviolet radiation on the development of young pigs and their resistance to diseases, B., Kondaurov Sbernauch, rab Sibnivi no. 11,235-238-162.

Respiration of mutants from the germs Aspergillus grown under the influence of ultraviolet rays R. N.G. cheshiova Mikrobiologita 31 no 5 338-613-5-0-162.

Variability of Aspergillus niger induced by combined effect of ethylenimine and ultraviolet rays A, A Imshenetskii, i. A. Kurimina Mikrobiologita 35 no 5:012-316 S-0-766

no 5:812-816 S-O '66

ULTRAVIOLET RAYS-THERAPEUTIC USE

Effect of some non-specific factors on the natural resistance of the body and postynecination formunity. O. A. Babaaya Azerb med zhur 10 no 9:58-86 S '63

ULTRAVIOLET SPECTRUM see Spectium, Ultraviolei

ULUNTUY VALLEY—WATER, UNDERGROUND Water content of 1 ocks of Uluntuy basin depth gradient O, A Bogatyreva Nauch trudy Perm politekh inst. no 1281-81 pt.1 162

ULIYANOVKA DISTRICT-FEEDS

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UL'YANOVSK---CITY PLANNING

Ul'yanovsk in the scaffolds of new construction. A. Bros-man, Na, Stroi, Ros. 7 no. 11:26-27 N '66.

UL'YANOVSK-PENSIONS

Reward for the worthy ones, IU, Leonov, Sots, obesp. 41 no. 12, 26-27 D '66.

UMBILICUS-DISEASES

Umbilical fistulas in Children S. D. Lemberanskeia Azerb med zhur no 7:37-40 Jl '62.

UMOV, NIKOLAI ALEKSEEVICH, 1840-1915

M.A. Umov on the methodological aspects of the physical models of life, A.I. Aleshin. Vest. Mask, un. Ser. 8; Filos. 21 no. 5 82-86 S-O *66.

UNDECENOIC ACID

Study of the fungicidal properties of almond essence airengiliening the antifungal action of undecylenic actd Vest, derm, 1 ven. no. 12:64-57 162,

UNDECYL ALCOHOL

Analysis of a mixture of 1-undecanol and 2-methyl-1-undecanol by gas chromolography. L. A. Shutikova, Trudy VNISNDV no 7:155-157 *65.

UNDERDEVELOPED AREAS—ECONOMIC POLICY Ranov, K.P. [Bypassing capitalism] Minuta kapitalizm. Moskva, Znanic, 1986. 70 p. (Novoe v zhizni, nauke, tekhnike. VII Scriia: Mezhdunarodnafa, no.23/24)

UNDERGROUND STRUCTURES -- CATHODIC PROTEC-

Planning joint corrosion prevention, N. P. Badaev, D. IA. Averbukh Gaz prom. 11 no 11:29-31 '66.

UNDERGROUND WATER see Water, Underground

UNDERWATER EXPLOSIONS

Propagation of a shock wave in a reservoir of uniform depth at a large distance from the place of the explosion B A Lugovisov, PMTF no 3 31-39 My-Je 162

UNDERWATER TELEVISION

Using "Krab-2" television unit for sag pipe inspection, G. S. Andreev, IU. F. Kozlovskii, G12 prom. 11 no.11; 25 *56

HNET OPERATION OF OIL FIELDS

Optimization of spacing of new wells in fields of oil field administrations M. I. Manafov Verb neft khoz

UNITED ARAB REPUBLIC-FOREIGN ECONOMIC RELATIONS-ARAB COUNTRIES

Teconomic ties between the United Arab Republic and other Arab countries. E G Arasty Nat Ar i Afrono, 6 22-29 66.

UNITED ARAB REPUBLIC-IRON ORES

Geology of and prospecting methods used in the Aswan iron-ore deposit in the United Arab Republic R. M. Sherif Ity. vys ucheh zav "geol I razv. 6 no 173-80 Ja 163

UNITED STATES-AIR DEFENSES

Some problems of antinovket and antispace defense P. L. Surgeev Mor. abor 19 no. 10 79-82 O 166 Surges Mor, abor

UNITED STATES -- A UDIO-VISUAL EDUCATION

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UNITED STATES-BIG BUSINESS

Gentlemen from the "golden Olympus," 1, Primashev. flov mir 39 no. 3;276-281 Mr 163,

UNITED STATES-BUDGET

Deficit of the U.S. A. budget and its consequences. IU. Serkey, Fin. SSSR 10 no 11:86-88 N 166,

UNITED STATES—CIVIL WAR

N. G. Chernyshevskii on the international relations of the U.S.A. and the plans of each belligered party duting the Civil War., 1861-1862, 1.1 Lingushchenko, Uch, zap. Motd. gos., un., no. 51,91-112 pt. 1.165

UNITED STATES—COAL, PULVERIZED

Preparation of colloidal coal suspensions by means of aton ic radiation Koks 1 kbim no 6 55 '62.

UNITED STATES-DESCRIPTION AND TRAVEL

From New York to Los Angeles, G. Burkov, V. Shchetinin, Mol. komm., no. 3:02-104 Mr 161 UNITED STATES-ECONOMIC CONDITIONS

UNITED STATES—ECONOMIC CONDITIONS Akademia nauk SSSR, Institut mirovol ekonomiki i mezhdunarodnybi otnoshenii. [Politicat life in the U.S.A., problems of internal polity] Politicheskala zhizu' v SSRA, problemy wnuh onnei politi i. Moskva, Nauka, 1968. 291 p.

UNITED STATES-ECONOMIC POLICY

Message of the President of the United States, V. Berezh-kov. Nov. viem. 25 no 1:16 Ja '67.

UNITED STATES—EDUCATION

The Federal Government of the United States and education, G. Mikaberldze, Nar. oht no 12 84-98 D 466

UNITED STATES-EDUCATIONAL RESEARCH

Use of audio-visual equipment in teaching and educational research in the United States. A. V Netushil Sov. pedag. 30 no. 6:125-131 J ϵ 466

UNITED STATES-ELECTRIC TRANSFORMERS

OMITED STATES—ELECTRIC TRANSFORMERS
Gaa-filled 10,000 kva power transformer from "Electical Engineering," no. 8 1959, and "Electrical
World," no. 2, no. 9 1959, and no. 7 1960), I.B.
Glezev, Prom. energ, 16 no. 192-53 Ja '01.

UNITED STATES-ELECTRICITY, INJURIES FROM

Statistics of fatal accidents at electrical enterprises in the United States for 1958 (from "EEI Bulletin," no. 7 1959), 1A. E. Vol'fkovich, Prom. energ. 16 no. 1:53-54 Ja '61.

UNITED STATES-ELECTRONIC INDUSTRIES

Business operations of American munitions monopolies in the production of electronic calculating machines. S.S. Rozhevskala. Trudy LPI no. 261;131-141 168.

UNITED STATES—ELECTRONICS IN MILITARY ENGINEERING

Business operations of American munitions monopolies in the production of electronic calculating machines, S. S. Rozhevskala. Trudy LPI no. 201:131-141 166.

UNITED STATES-FOREIGN POLICY

Political straight in the rulin, circles of the United Safe of America related for the Filter of View politics, View 1992 1991 S. V. Vollson, Trud. TGU 1 0 28-47 165.

UNITED STATES-FOREIGN RELATIONS

The correct policy is the Unite | States 15 a threat to peace | IU Melbako | The Indones | Invol. 14 no. 1.85-

Har capitalist monopoles infinionial the pulse of the U.S. Government in the Far Fiel, 1965-1915 B.S. Zhigata Fruit TGU 180018-79 195

UNITED STATES-FOREIGN RELATIONS-FAR EAST

Differts of American deplomacy to establish U.S. centrol on the Chain at Eastern Ratio and at the Washington Conterior of 1921-1922 V.S. Inducer a Tring TGU 180-71-82 (6)

UNITED STATES-FOREIGN RELATIONS-LATIN

Seleznet, G.K. ["Johnson's doctrine" is a threat to the peoples of Latin America] "Dokti ma Dzhonsona" - ugreza narodam Latinsloi Ameriki Moskia, Znanie, 1967. 45 p. (Novoc v zhizni, nauke, tekhnike. VII Se-rija Mezhdunarodnaja, no 1)

UNITED STATES-INSULAR POSSESSIONS

The U.S. 4, and the allotment of German colonies in the Pacific region during the First World Way 11 A Dombro. skii. Trudy TGU 180 128-146 165

UNITED STATES-INTELLIGENCE SERVICE

The American intelligence organization I. Mordyino, Kommunist 44 no. 2 122-127 1 107

UNITED STATES-IRRIGATION

Irrigation of wheat and other crops in the II S A, P I Bart, shev Gidr 1 mel 18 no 12 36-56 D '66,

UNITED STATES-IRRIGATION FARMING

Irrigation of farms in the U.S.A. V. Gorinskii. Zemi-ledelie 26, no 10 72-75, O. 166

UNITED STATES-LABOR AND LABORING CLASSES American true stories. A. Land, shev. Sov. profesiury 22 no. 24 39 D 166

UNITED STATES-MEDICAL CARE, COST OF

"Klondike" in medicine, through the pages of the foreign press Agitator no. 18 53 5 162

UNITED STATES-MILITARY POLICY

A demonstration of tecklessness. Nov vrem. 25 no 2-2-3 Ja 163

Message of the President of the United States. V. Berezh-kov Nov vrem 25 m 4 16 Ja 167

Political struggle in the ruling circles of the United States of America related to the problems of foreign policy, May- lugust 1951, S,V Volftson Trudy TG]1 180 28-41 155,

INITED STATES—MUNITIONS

pheker, Herbert. [A symposium, disarmament and the American economy, a study of the ideological, poli-tical, and economic problems of disarmament. Trans-lated from the English Razoruchente i ekonomika SShA (materialy simpoziuma), jucchenie ideologicheskikh, politicheskikh i ekonomicheskikh problem razoruzhenjia, Moskya, Izd-vo inostr. ili-ry, 1961. 95 p. (NNC)

UNITED STATES—OIL WELLS—HYDRAULIC FRACTURING

ffydt aulic fracturing in fields in the United States. N.S. Antsysnama. Neft.i gaz prom. no. 1,78-70 Jp-Mr '63.

United States—Petroleum pipelines

Development of the petroleum pipeline system in the U.3, A S B Smithter. Ekon neittedeb provi no 32-35 466

UNITED STATES-PIONEERS (COMMUNIST YOUTH) Eisman, Harry. [Red neckties in the land of the dollar]
Krasnye galstuki v strane dollara. [Moskva] Molodaia
gvardiia, 1968. 124 p.

United states—politics and government

Akademia nauk SSR, Institut mirovoj ekonomit i mezhdunarodnyki otnoshenil. [Follifea life in the U.S.A., problems of internal policy] Politickeskato zhizn'v SShA, problemy vnutrennel politiki. Moskva, Nauka, 1866. 294 p.

A blg reshulfle" in Washington A, Butlitskii Nov. vrem 25 no. 3 22-23 Ja 167. Gentlemen from the "golden Olympus," I, Ertmashev, Nov. mir 39 no. 3;278-261 Mr 163

UNITED STATES—RELATIONS (GENERAL) WITH GREAT BRITAIN

Anglo-American relations from the position of Anglo-Saxon unity, Z. V. Balobaeva, Trudy TGU 180 147-152 185.

UNITED STATES—RETAIL TRADE—STATISTICS

What the census of trade in the U.S. A. shows. G. Basov-skata. Sov. torg. 40 no.1:50-52 Js '67.

UNITED STATES-RUSSIAN STUDIES

Works on the Sourct Umon published by progressive An erican mathers. I.V. Smittee. Ret SSSR 10 no. 5 (19-18), N-D 166

UNITED STATES-SCIENTISTS, WEST EUROPEAN

Robbing the "brain trust" of Turope G. Korotacyskii, kanin Uki 41 no 12 79-83 D 466

UNITED STATES—SHIPS

\men ican made ship. Sudostroenie 28 no 12:70-71

UNITED STATES SCCIAL CONDITIONS

From New York to Los Angeles, G. Burkov, V. Shrhe-tinin Morkomm, no 3 92-104 Mr 161

UNITED STATES-SOCIOLOGY

is the problematial vanishing? N. Gaurner. Nov. viem 25 no 3 5-7 Ja 167

Novikov, N.V. (American bourgeois sociology in the 20th century) Amerikanskala burzhuaznala sotsologita v XX veke. Moskva, Znante, 1966. 30 p. (Novoe v zhizat, neure, tekbutke, It Serila, Filosoffia, no. 24)

UNITED STATES-STRIKES AND LOCKOUTS

Laboring classes of the U.S. A continue their struggle N Mostovets Agriator no 2:50-52, Ja '62

UNITED STATES—TECHNOLOGISTS, WEST EUROPFAN Robbing the "brain trust" of Europe, G. Korojaevskil. Komm Ukr 41 no. 12 79-83 D '86

UNITED STATES-TRADE UNIONS

The conflict in the American trade-union leadership, G Luznetsov, Nov viein 25 no. 8 21-42 1' 167.

UNITIZED CARGO SYSTEMS

Danilor, D. I., and V. V. Beletskii. [Progressive methods of shipping cargoes by sea] Progressivnye metody mor-skikh perevozok gruzov Moskva, Transport, 1986.

Selecting the best means for the shipping of unitized cor-go s. A, S. Kleiman. Trudy Sofuz Mor NIIP: celet. no. 7. 82-94. 185

UNTER

Introduction of the International Unit System in the U.S.S.B. Geof gooftz no 9:134-137 '63

UNIVERSAL DECIMAL CLASSIFICATION see Classification, Universal decimal

UNIVERSE see Cosmology

universities and colleges

This should be connected. G.I. Folomeev, Vest, vys. shkoly 24 no 12;85-86 D 56.

UNIVERSITIES AND COLLEGES-BUILDINGS see subdivision under Sevastopol

UNIVERSITIES AND COLLEGES-GRADUATE WORK

We should work out a detailed program for the training of graduate students P. A. Koval'skii Vest. vys. shvoly 24 no. 12:43-45 D 186.

UNSATURATED COMPOUNDS

Enyne and diyno amines. Part 6: Ethylone ynamines. I. A. Maretina, A. A. Petrov. Zhur, org. khim. 2 no. il. 1994-1997. N. 166

Preparation and properties of ethylene - propylone - acetylene copolymers P. E. Maikovskii and others.

Vysokom soed 8 no 19:1712-1716 O '66

vysokom seed o no minis-1710 O '06
Tertiary trihydric alcohols of activionic and cthylenic series and their chemical transformations. Parl 35: Monocthers, their hydrogenation. V. I Nikitin and others. Zhur org khim 2 no.11 1960-1973 N '66

UPHOLSTERY

Use of tissues with synthetic fibers in the manufacture of upholstered furniture NA Morozov, & A. Kostuchenko, Z. M Genkins Der, proin 15 no. 12 3-4 D 186.

UPPER ATMOSPHERE see Atmosphere, Upper

UPPER VOLTA—ANIMALS AS CARRIERS OF DISEASE Distribution and control of parasitic discusses in the Upper Volta Republic raview of literature. A.S. Khromov. Med.paraz, i paraz bol. 32 no.2;216-220 Mi -Ap '63.

Qualitative detection of methylthiourscil. V.I. Lobanov.

Qualitative detection of mathylthiouracit. V. I. Lobanov. Zhur, anal. khim. 21 no. 12:1606-1507 166.

Role of the nervous system in the processes of thyrotd gland hyperplasia. M.E. Shatkov. Probl. endok.i gorm. 8 no. 1:18-23 Ja-F 163.

Simple method for determining the concentration of 5-fluorouracil in biological flutis. A. Z. Smallanskata, N. N. Agarzhanova. Vop. onk. 12 no. 12-70-73 166.

URAL MOUNTAIN REGION—AGRICULTURE, COOPERATIVE

History of the organization and work of a group of asso-clated communes in the Shatrovo Township in 1923-1925, A.F. Funtov. Vop. ist. Ursla no. 4;103-122 163,

URAL MOUNTAIN REGION-ARCHITECTURG AND CUMATE

Optimal orientation of apartment houses in regions of Control Ocale, V. Blinov, G. Shaifter Audit 555H no. 8 29-34 166.

URAL MOUNTAIN REGION-CLAY

Authigenic clay for mation in Pashiyaka ac Imento of Volga Valley portion of thata 1, T. Klubova 19601 MOIP, Old. geol. 1 no 4el51-155 Ji Ag 166

URAL MOUNTAIN REGION—COLLECTIVE PARMS

Day of Harvest and Collectivization" in the III al Mountain region in 1929 V I, Mukhachev Vous ist, Uraly no 4 150 169 463.

URAL MOUNTAIN REGION-COST AND STANDARD OF

The Standard of Hving of artisans and workers in the southern Ural Mountain region in the second half of the 18th century P. A. Vagina Vop. (st. Urala no. 1,7/22

URAL MOUNTAIN REGION--ELECTRIC EQUIPMENT INDUSTRY-TECHNOLOGICAL INNOVATIONS

Production imposables of the Liectrical Installation Trust of the Ural Region — Mont. 1 speta. rab v strol. 75 no. 9:14-17 S 464.

URAL MOUNTAIN REGION-EXCAVATING MACHINERY

Increasing the capacity and operational reliability of CKG-4 excavators. V.N. Techny. Stroit I doz. much. 8 no. 6.5-6. do. 161.

URAL MOUNTAIN REGION-GROLOGY, STRUCTURAL

Outline of fectories of Lemys factor-structural con-(western slope of subsectic thal Mountain Hegica) by Vithovskif-Kriper Buck MOIP, Othercol. 11 no 145-59 Jl-Ag 66

URAL MOUNTAIN REGION-HISTORY

Cheliabinskii gosudju stvennyi podagogicheskii institut.

(From the history of the revolutionary incoement and socialist construction in the southern Ural replonji Listori revolutionnogo devidentia i socialisticheskogo strottellistva na IUzhnom Urale; shornik statel, (Mil)

URAL MOUNTAIN REGION-HOURS OF LABOR

The hours of labor at the government-owned industrial ploute of the U101 Mountain region in the 18th assi-catly 19th centuries. A.G. Kozlov. Vop. ist. U1 ala

URAL MOUNTAIN REGION—INDUSTRIES

Privately-owned industrial plants of the Brai Mountain region on the eve of the Reform of 1861 and the revela-tionary situation of 1869-1861 G. A. Kologina. Vog. 1st Urala no 4:55-81 163

URAL MOUNTAIN REGION-LABOR AND LABORING CLASSES

Hereditary class of hired laborers in the intueral industries of the Ural Mountain region in the 18th and the first half of the 18th conting. V. IA, Krivonopov Vep int, Urala no. 4:37-54-63.

Mistory of the formation of the socialist laboring classes in the Ural Mountain region, V. V. Adminov. Vop int. Urala no. 4:82-102 '63,

URAL MOUNTAIN REGION—ORE DEPOSITS—TABLES, CALCULATIONS, LTC.

Shortcomings in exploring and calculating reserves of "Krylatovsko-Chesnokovskon" gold are deposit, S.M., 1Asnosh, Mat CKZ no. 4 (10-17 '66).

URAL MOUNTAIN REGION—PEASANTRY

Socioconomic rolations in the rural areas of the Ural Mountain region on the eve of collectivization, N. V Efremenkov, Vap. ist, Urala no. 4:123-150 (63)

ural mountain region---petroleum pipelines

Control of oil and petroloum products losses in main tings of Ural-Sibertan Potroleum Pipelines Admisistra-tion, N.K. Bortsova Transp. i kiran, nofti, i noteprod

ural mountain region—social conditions

Social and economic characteristics of the central trans-Ural region at the end of the 10th century; based on the materials of the "Topog aphie discription of the Tobel-sk Namestnichestye, 1790." I. M. Rusakova, 12v. SO AN SSSR no. 9. Soc. obsheftesty, nauk. no. 3:100-112 '56

ural mountain region—soil micro-organisms Study of lipomyretes in Podzol soils. A. IA, Ti thunskain-Mikrobiologija 31 no 2:307-313 Mr-Ap 62

URAL MOUNTAIN REGION-STUDENTS-POLITICAL

itow the party organization of the Ural Mountain region struggled for the ideological and political control of the institutions of higher education V.G. Chufarov. Vop. ist. Urala no. 4:176-166 163.

URAL MOUNTAINS-BORON

New boson manifestation in Urais, S. N. Agulov, S. V. Malinto Min. 541 e no 11,176-182 b6.

URAL MOUNTAINS-BOTANY

Gorchakovskii, P. L. [Flora and vegetation of the Ural highlands] Flora i rastitet nost vysokogorii Urala Sverdlovsk, 1966. 270 p. (Akademiia nauk SSSR. Ural'skii filial institut biologii Trudy, no. 46)

URAL MOUNTAINS-COPPER ORES

biatribution of evogenous copper concentrations in Ural Mountain region V.I Maluga, M I Proskuriakov, T N Sakolova, Lit i pol iskop no. 6 89-100 N-D '66

URAL MOUNTAINS-ECLOGITE

Eclogites of Shubino (Southern Urais) and possibilities of their practical use. A.IA Arkhipenkova Min syrte no. 14 183-192 '66

Hasting site from eclogates of Shubino (Southern Urals) A 1A, Arkinpenkova Min syrte no. 12:126-129 166

URAL MOUNTAINS-FOLDS (GEOLOGY)

Interrelationship of fold systems in Urals and Timan Range, A S Novichenko, Sov.gcol 9 no. 12 29-37 D 466

URAL MOUNTAINS-GEOLOGICAL TIME

Absolute cluonology of the Holocene of Central Urals N. A. Khotinskii, A. I., Devirta, N. G. Markova, Dokl, AN SSSR 171 no. 5.1164-1166 D *66.

URAL MOUNTAINS-GEOLOGY, STRUCTURAL

Latitudinal and sublatitudinal structures of Urals, G.1 Cherviakovskii and others Sov. geol 9 no 11 35-43 N 166.

URAL MOUNTAINS-HASTINGSITE

Hastingsite from eclogites of Shubino (Southern Utals). A IA Arkhipenkova Min svi'e no 12 126-129 '66,

URAL MOUNTAINS-MINING ENGINEERING

Reasons for the free caving of a roof in chambers of northern Ural bauxite mines, B.A. Vol'khin Ivv vys ucheb zav .gor, zhur. 6 no 5:55-59 '63,

URAL MOUNTAINS-ORE DEPOSITS

Make fuller use of Ural iron ore deposits, V. L. Kolibaba, E.M. Kozakov Goi zhur, no li-7-10 N '06

Origin of sulfide fragmentary-type isolations in formations everlying pyrite deposits, on example of "19th Party Congress" deposit in southern Units S N. Ivanov, S A. Rokachev Geol and mestorozh, 8 no 6:66-79 N-D '66.

URAL MOUNTAINS-TRACE ELEMENTS

Borlscako, L.T. [Rare and minor elements in ultraba-sites of the Urals] Radkle i malyo elementy v giperba-zitakh Urala, Moskva, Nauka, 1966, 222 p.

URAL MOUNTAINS-ULTRABASITE

Boriscako, L. F. [Rare and minor elements in ultraba-sites of the Urals] Redkie i malye elementy v giperba-zitakh Urala, Moskva, Nauka, 1966, 222 p.

URAL MOUNTAINS-VOLCANIC ASH, TUFF, ETC. -ANALYSIS

Composition of tuffaceous pelitomorphic rocks from Devonian marine formations in Southern Utals. I.V. Khyoi ova, E.S. Zalmanzon. Lit i pol. iskop. no 6 19-34 N-D 166.

URAL VALLEY-GEOLOGY, STRUCTURAL

Characteristics of location of local structures in not their part of Ural-Yolga interfluve. P IA. Avrov. I. M. Bro-var Izv. AN Kazukh SSR, Ser. geol. 23 no 5 57-55 S-O '66.

URAL-VOLGA PETROLEUM REGION see Second

HEAL'SK PROVINCE-GRAIN

Development of grain farming in Ural'sk Province.

R. Zhumngaliev Ekon sel'khoz 42 no 12:70-76 D '66. B. Zimmagaltev

HRANIC ACID

Study of mixed sodium and calcium uranatos. Vikt. I. Spitain, Wang Shih-hua, L.M. Kovba. Vost Mosk. un. Ser. 2; Khim. 17 no 5;60-62 S-O 162

TIRANITE-THERMODYNAMICS

Some thormodynamic data on stability of uraninites of variable composition in supergene conditions, A.A. Drozdovskata, U.P. Mel'nik, Atom. energ. 21 no.6:483-492 D '66.

UDANIUM

(see also subdivision under White Russia)

Finergy dependence of angular distribution of fragments in U233, U235, and Pu239 fission by neutrons. V.G. Nesterov, G.N.Smirenkin, D.L.Shpar. IAd. fiz. 4 no. 5:093-1001 N '66.

Experimental data on conditions for uranium precipitation from hydrotherms) solutions by metal disulfides, B. S. Osipov. Atom. energ. 21 no. 6:479-183 D 186.

Interaction between tetravalent uranium and molten chloride - fluoride NaCl-KCl-NaF M V Smirnov, A.P. Kormshin, V.E Komarov Atom energ 21 no. 6 476-178 D 166

Study of the system granium (IV) - granium (II), I. P. Allmanin, E. R. Nikolacya, V. M. Masalovich Vest Mosk un. Ser. 2- Khim, 17 no 5 50-54 182

URANIUM-ANAL YSIS

Photochemical reactions in analytical chemistry Report No 1 Using photochemical reduction of manium (VI) to uranum (IV) for its titrimetric determination in sul-furic acid solutions A.A. Namodruk, E.V. Berrogova, Zhuranal, khim 21 no. 10 1210-1216 166

URA NIUM-TOXICOLOGY

Late secuelae of inholation infection in down due to a miviare of manian fission products. B. A. Markolov, S. I. Krotova, E. V. Erleksova, Med. rad., 7, no. 8. 69-74 Ag 162

URANIUM HALIDES

Carbanide-containing maitium (IV) halides, V, A, Gotenia, G T Bolotova Zhur neorg khim li no li-2643-2651 N '66

URANIUM ISOTOPES

Delayed y-radiation from U235 fission fragments on slow neutrons, L.A. Popeko and others, Izv. AN SSR Ser. fiz 30 no.12 2010-2047 D 166.

URA NIUM ORES

(see also subdivision under Caspian Sea)

Role of tectonic conditions in formation of sedimentary-infiltrated grantum deposits. A.I. Pak. Uzb. geol. zhur. 10 no. 5:52-58 '66.

URANIUM OXIDES

Carbothermic reduction of polymorphous uranium trioxide, E V Tkachenko, V.G.Viasov, Izv. AN SSSR Neorg mat 2 no. 12 2181-2185 D '66.

URANYL COMPOUNDS

Reduction of uranyl vanadates with hydrogen, Wang Shih-hua, L. M. Kovba. Vest. Mosk un. Ser. 2- khim. 17 no. 5-63-65 S-O '62,

Spectroscopic study of sensitized luminescence of raie peersoscopic study of sensitived tuninescence of rate earth ions of tetrachloroursnylate crystals IU.I.Krasi-lov, IU.A.Poltakov, IU.P.Rudattskii Izv AN SSSR Neorg mat. 2 no 12 2186-2198 D '66.

URANYL OXALATES

Substitution reactions in ovalate compounds of uranyl of teb acid type in the presence of thioryanate ions. R. N. Shchelokov, I. M. Shuliglina, I. I Chemiaev, Zhun neong, khim li no, it 2652-2661 N '00.

Carbanide-containing uranium (IV) indides, V.A.Golov-nia, G.T.Rolotova Zhur, neorg, khim, 11 no, 11 2643-2651 N '66.

Effect of il-methylaspattic acid on the formation of urea in liver homogenates. I.S. Severina. Blokhlmiin 27 no. 5:943-948 S-O 162.

luteraction of carbamide and ammonium salts. A. G. Treshchov, Trudy Un, druzh, na1, 11, Sel'khoz, nauki no, I 47-64 166,

Interaction of the thiourea complex of tellurium with Reineuke salt. I. L. Bagbenly, I. K. Guseinov. Dokl. AN Azorb 5SR 18 no 4:27-29 562

Temperatures of the formation of carbonido complexes with individual normal alkanes (C₆ · C₁₀) and their binary mixtures. V. A. Matishev. Khim ! tekh. topl. ! masel, 11 no. 11:18-22 N '66.

Vitamin content of the milk of cows fed rations containing u.ca. L. A. Krugiova Khim v sell, khoz. 1 no 12,19-51 D 166

Urosse activity of Brucella. S. P. Merinov. Zhur-mikrobiol., epid. i immun. 43 no 11:81-84 N 466

URETERS-DISEASES

Zhukova, M.N., B.V. Kliucharov, and V.I. Rozhdestven-skii. [Surgical diseases of the kidneys and ureters] Khirurgicheskie zabolevanila pochek i mochetochnikov. [Leningrad] Meditsina, 1965. 506 p. (DNLM)

URETHANES

Some properties of aromatic and any altiphatic polyure-thanes. N. I. Skripchenko. O. IA, Fedotova, I. P. Losev. Trudy MKHTI no. 42:130-136 '63

URETHANES-PHYSIOLOGICAL EFFECT

Strengthening the blastomogenic action of urethane by administering it to mice long after the effect of penetrating radiation. N.V. Kozlova. Vop. 1 adiobiol. 4: 332-336 461.

URETHRA—DISEASES

Nongonorrheal urethritis. G.E.Solomonik, V.M.Liverts Vest.derm iven 37 no.3:43-46 Mr '63.

DRETHRA-SURGERY

Karpukhin, V.T. (Restoration of the unclina by means of homotransplant) Vosstanovienie urcity s pomoshch'iu gomotransplantata. Moskva, Meditsina, 1966. 154 p.

URIDING PHOSPHATES

Mechanism of utiline diphosphoglacose synthesis of gly cogen in human leucocytes L. F. Selis, I. S. Luganova, A. D. Vladimi: ova Biokhimiia 28 no 2 295-302 Mb -Ap 163

URINARY ORGANS-DISEASES

Larvoscopy and its diagnostic importance in uninary schistosomissis, F. G. Asiamazov Med., paraz., i paraz., bol. 31 no 5·533-538 S-O '62.

URINARY ORGANS-SURGERY

Compinative evaluation of the methods for restoring the continuity of mine excretory paths in experimental transplantation of the kidner into the pelvis M.F. Cher kasova Frudy 1-go MM 49,125-128 466

URINARY ORGANS-TUBERCULOSIS

Content of calcium in the blood secure of patients with tube) culosis of the urinary organs D IU, Auch Hashik Sov. med 29 no 12 127-128 D 466

Method of determining pregnanciol and pregnanciriol in urine F A, Kakushkhna, F, M Kokhancuko Uki bro-khim 7hm 38 no. 6 648-653 '66

URINE-ANALYSIS AND PATHOLOGY

Carcinoid and the carcinoid syndione G. A. Shapiro, A. B. Shekhter, M. I. Brustlovskii Trudy 1-go MMI A.B.Shekhter, M.I. Brustlovskii 13-119-126 | 65.

Changes in the excretion of free catechol antines with the urine in children during bronchiel asthma under the effect of subcutancous introduction of adrenaline and not adtenaline D V Kolesov, Trudy 1-go MM1 43,66-71 165,

Data indicating the presence of insulin in the urine Liberman Biul eksp biol i med 55 no.6:58-59

Development of anieter ic and atypical forms of Botkin's disease. A.G. Vinogradova. Azerb. med. zhur no.4126-32 Au '63.

Diagnostic and prognostic value of the urine color sedimentation test and the reaction of comparative leukocyto-sis of the blood in the treatment of the onic tonsillitie in children. L.A.Shakhnovich Azerb. med zhur. 10 no 4;93-96 Ap 163

Effect of phthiva-ide on the excretion of monic acids with the unine tuberculous children V. G. G. Igerian, I. Z. Kiroshka. Vop.med.Phim. 12 no.6:606-611 N-D ¹86.

Examination of hydrocortisons in the blood plasma and 5-by drowindoleacetic acid in the urine in alopecia aicata G.I. Marzeeva, L.S. Bassalyk. Trudy 1-go MMI 43 177-183 165

Excretion of catechol amines with the urine in coronary insufficiency under conditions of functional stress I. E. Sofieva, T. I. Bellakova Trudy 1-go MMI 43-34-11 65.

Excretion of catechol amines with the urine in hypertension and symptomatic hypertonia, Z. M. Kiseleva. Trudy 1-go MMI 43 50-65 165

Excretion of 5-hydroxyindolescetic acid with the urine in pheochromocytoma L.S. Bassalyk, G.A Shapiro, V.V. Men'shikov Trudy 1-ge MM1 43:144-147 '65.

Histochemical elamination and content of ketostetoids in the urine of males gynecomastia and cancer of the breast A. I Gnatystrak and others Klin onk to. 1: 180-186 465

Kimbon ovskii's color sedimentation test in dormatovene-reological practice V.I. Polonskii, V. D. Pokstiiskii. Vest dei m I ven 37 no 3,50-71- Mr '63.

Methylene blue test for the determination of bilirubin in the urine. O. V. Pakusina, Azerb, med. zhur. 40 no, 3:39-43 Mr 163.

Sex differences in Oraminoazotoluene exerction in the mouse G. A. Belitskii. Blul-eksp. biol i med. 55 na. 5:86-100 My 163.

Significance of the determination of catacholamines in the urine for the diagnosis of pheochromocytoms Men'shikov. Problendok. I gorm 9 no. 1:90-95 Ja-63.

URING-MICROBIOLOGY

Microflora of urine and kidneys in chronic pyelonephritis patients, N. A. Strokatova, K. A. Velykanov, Mikro-biol, zhun. 28 no. 6:72-75 186.

URLANIS, BORIS TSEZAREVICH, ca. 1906-

Reports from conference halfs: Czechoslovak acholar in Moscow, B. TS, Urlants' anniversary, Economic reform and academic studies, Vop. ekon, no. 12;150-152 D '66.

URONIC ACIDS

Difect of phthivazide on the excretion of uronic acids with the urine tuberculous children. V. G. Grigorian, I. Z. Kiroshka. Vop.med.kbim. 12 no.6:609-611 N-D '66.

UROPEPSIN

hole our operation to Serve diagnosis of gastric and theological diseases. If D. Fust, he seams, I = kick and limit to okay. GIDLY, 32 05-91 6.

URSENOIC ACID

Distribution of atsente and in the dozbane territy D. A. Bochman, Post ics. 2 no 4513-516 (6). Unserte order on Bholoder han latem Spect. F. I. Oganesian Rust res 2 no 4 516 - 117 160

URUGUAY-POLITICS AND GOVERNMENT

Victory of the pairwise for Cs. 31 Artifel and ov. Mech dun or , who and 44 no 1422-12 : 267

USPANOV, UMIRBEK USPANOVICH, 1906-

of the Land has S R U U Ustimes 18 to part old, Vest A. Karash Noh. 22 no. 10,69-70 O '66

USSURI VALLEY-FLOODS

Dividing the Useri I liver Usern into I, disologic geographic regions on the hasts of maximum discharges of flood flows due to raintalls. I. V. Miasmiro a. Vest Mostum Sci. S. Grog., 21 no 6:92-93, N-D. 6:6.

USSURI VALLEY-MOOSE

Saterrais on distribution and coology of moose in Amul -H--uri territory 🦴 V Rabov - Biol i prom. Iosta

UST: -KAMENOGORSK-LAW-STUDY AND TEACHING

Come to Fit university! V. horsunskit. Sots. zakon. to, 11 78 N 166

UST'-KAMENOGORSK-PETROLEUM PRODUCTS-STORAGE

Ust! Kamenogorsk tink farm V 3 Sokolov Transp. i khran nefti i nefteprod no 10/24-26 466

UST'-TSIL'MA (KOMI A S, S R)-LETTERS

Contespondence and business papers of the UstLTSIPma formation in the 18th and 19th contains. V. I. Malyshev Lrud, ODRL 18 44"-457 '62

USTYURT-LEAVES, FOSSIL
New species of genus Carva from I ate Oligocene of
testurt | S.G. Zhilin, Poleont zhur | no 19104-108

UTERUS-BIOPSY

Clinicomorphological examination in intraepithelial canstereorder or uters "simed" biopsy and surface stereorder or copy of the seniored tissue cone A.B. Derazhne, Vop onk 9 no, 3 88-96 '63

UTERUS-CANCER

(see also subdivision under Crimea)

Autoprotective activity of the blood in concer of the cervix uters. A. N. Sarinov, V. A. Pilov. Vop. onl. 12 no. 11.71-75. '66

Carcinoma of the area us and oracles combined with malighant tumors of other for dizations S. M. Shinchak Kl.r. onk no. 1 (53-160) 165

Cervicoscop, in the diagnosis of pretumor states and amtial execution is of the error after E. V. Kokhane ich... Klin ank... no. 1488-194. 165

Clinicomorphological examination in infraepithelial can-

cer of cervix uter: "almed" biopsy and surface 'ercomicroscopy of the Lemoved tissue cone 1, B, erazhne Vop on , 9 no 388-96 (63,

ampound diagnosis of carres of the cospus uteri - M. T $_{\rm Kemitsa}$ - Klin onk - no. 1 195-290 $^{\circ}65$

orescence microscopy indices of the sensibility cells (cancer of the cervix uters to pradiation, L,L Value) Vop onk -12 no 11-67-70 -166

Interdependence between precancer metaplasia, intraepubelial cancer and microcaremons of the cervix utera. A, A Kuklina. Klin onk, no 1451-467, 465.

Late : csults of combined : adjotherapy in cancer of the cervix uterit; data of the Tamboy Province Oncological Dispension V.1 Robert Vest ront itad 37 no 3 71 My-Je 162

Treatment of intraepithelial cancer of the cervix uteri vith disthermic excision as an outpatient service. D R Zelldovich, L 1.Odnollo Vop onk 12 no 11.75-78

UTERUS-DISEASES

Differential diagnosis of inflammations and tumors of adnexa uteri V.P. Aizenberg. Vop. onk 12 no 11:84-88 166

UTERUS-MICROBIOLOGY

Taking cervical mucous samples from cows N.N. Mikhailov, M A. Luchko, Z. S. Konnova. Veterinariia 43 no. 180 Ja 167

UTERUS-MOTILITY

Effect of thyroldectomy on the contractite function of the uterus in dogs E S, Kuz'menko Problemdok i gorm. 9 no 1:30-34 Ja-F '63.

UTERUS-TUMORS

Immediate and late results following conservative surgery for attents fibriomas. N.G. Stormov. Kim onk. no. 156-56. [b5].

UYMEN' VALLEY-SLOPES (PHYSICAL GEOGRAPHY)

UTALEAU VALLET -- SLOPES (FIT ISLAND GEOGRAPH)
Asymmetric development of the eastern and Positive
slopes of mountains in the basins of the Uvinen and
Pacha Rivers IU, N. Kurazhskovskii I v Alt old
Grog ob-va 555R no 3:51-52 '63

UZBEKISTAN-AGRICULTURE-ECONOMIC ASPECTS

Davydov, A. M. [Agrarian reforms and the formation of socialist land utilization in the Uzbek S.S. R.] Agrarnye preobrazovanita i formirovanic sotsialisticheskogo emlepol'zovanita v Uzbekskol SSR, Tashkent, Nauka, (CSt-H)

UZBEKISTAN—ALUNITE

Munitized rocks of Gushsay Valley in Uzbekistan, M. A. Kashsai A G Shmetev Lee Mr Azerb, SSR Ser muk a tent, no 102-68 '66,

UZBEKISTAN—ANNIVERSARIES

[Calendar of significant and historical dates of the Uzbek S S R for 19tt (January-December)] Kalendar' mame-ratel'nykh i pamiatnykh dai Uzbekskoi SSR na 1988 god (IAnvar-Dekabi') God izd 4 Tashkeni, "Uzbeklstan," 1985 78 p.

UZBEKISTAN-ARCHITECTURE-CONSERVATION AND RESTORATION

Reconstruction of ancient cities and problems of preserving monuments of architecture of Uzbekistan K S, Kriukov, I I Notkin Shot i arkhit Uzb 7 no ili-27-

UZBEKISTAN-BINDING MATERIALS

Use of glinite cement for production of gypsum cement-pozzuolanie binder in Uzbekistan A, S. Svencitskii Strof rarkhit Uzb 7 no H 7-0 N '66

UZBEKISTAN-BIOGRAPHY

Kurguzov, I. P. [Bearers of the Order of Glory] Kavalery ordena Slavy. Tashkent, Esh gyardlia, 1966 109 p. (Na strazhe Rodiny)

UZBEKISTAN-BOOKS, FOREIGN

Description of foreign literature in the alphabetical and classified catalogs of the All-Nawa'i Libi ary of the Uzbek S S, R. E N, Kithovich Opyt inh hibliot, s inosti lit no i 32-37 %i

UZBEKISTAN-BUILDINGS-MAINTENANCE AND

Use instrumental method for measuring deformedness of structures A I Martem lanov Strot i arkhit Uzb, 6 no 19-11 Ap 165

UZBEKISTAN-CEMENT INDUSTRIES

Five-year plan for comenimaters of Uzbekistan, S. f. Fokhtakhodzhaev. "I Sement 32 no 613-14 N-D 666

UZDEKISTAN-CITIES AND TOWNS

Dynamic classification of the cities of Uzbekistan N V Smitnov Vest Wosk un Set 5 Geog 21 no 6:17-51 N-D '66

UZBEKISTAN—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Let us improve our ideological work. R.Nishenov. Kommunist 43 no. 1:84-73 Ja 187

UZBEKISTAN-COMRADES COURTS

History of commades courts in Uzbekistan, A.Kh. Rasulev. Trudy TashGU no. 282 74-86 '86

UZBEKISTAN-CONSTRUCTION INDUSTRY-STANDARDS

In the State Committee on Construction of the Uzbek S.S R. Stroi i arkbit Uzb 6 no 4:42-44 Ap 165

UZBEKISTAN---CRIMINAL LAW

Some problems of correlation between the criminal and culminal procedure laws of the Urbek S S R S G Zakutskii Trudy TashGU no 282 95-107 466

UZBEKISTAN-DAMS

Construction of a dramage blanket with earth fiff. V. F. Dmitriev. Transp. stroi. Il no. 12:28 D 161.

UZBEKISTAN-ECONOMIC ZONING

Akademila nauk Uzbekskol SSR, Institut ekonomiki.

[Economic regionalization of Uzbekistan] Ekonomicheskoe raionirovanie Uzbekistana, Tashkent, Fan, 1966.

UZBEKISTAN-EDUCATION

A conference in Uzbekistan. Kh.Khurramov, I.Fedor-chuk. Sov pedag. 30 no.8:167-168 Je *66

UZBEKISTAN-EVENING AND CONTINUATION SCHOOLS

Elements of correspondence education in rural schools. B. M. Mirzakhmedov. Vech sred. shkola 9 no. 6:36-

UZBEKISTAN-GAS, NATURAL

Basic trends in the chamical utilization of gaves of Bricketan P. A Borliov, A. I. Rabking, V. I. Kurlmin, Trudy IGI 18 206-211 162.

UZBEKISTAN-GEOLOGY

Geological studies in Uzbekistan are doveloping Rh I Tullagenov Uzb geol zhui 10 no 5:3-9 %b

JZBEKISTAN—GLACIERS

Accuracy of determining runoit of gluc fall rivers — V Shithethnikov — Frudy Sted. - Vz nauch - isal gibbo-meteor fast — no 27,80-98 - isa

Akademiia nauk Uzbekskoi SSR. Institut geologii i etoli-ziki. [Mountain glaciation of Uzbekistan and adjacend areas] Gurnoe oledenenie Uzbekistana i smezhnyi.h torrikorii. Tashkeni, Izdevo "ran" UzSSR, 1866.

UZBEKISTAN-HISTORY

Illafory of the Incorporation of the Taglifent terior, into the Kokand Khanati 1U. A. Sokolov Nauch (1985) FashGU no 261; 45-30 166.

UZBEKISTAN—IRRIGATION LAWS

We should strictly observe the tules of trrigation forming N. Zbakhov, Sots zakon, no 13 57-18 N 366

UZBEKISTAN-LAND TENURE

Davydov, A. M. [Agratian reforms and the formation of socialist land utilization in the Uzbek S. S. R.] Agrating preobrazovanija i jormirovanie sotstalisticheskoje zemlepol'zovanija v Uzbekskol SSR. Tashkent, Markt, 1965, 270 p. (CSI-II)

Bistory of the agrarian movement in Uzbekistan on the eye of the October Revolution, Mart-October 1917

A.M. Lashnukhamedov, Nauch trudy Tuchtil an, all;

UZBEKISTAN-LAW SCHOOLS

Development of higher legal education in U bekisten, B. A. Akhmedov - Trudy FashGU no. 262 115-119 43

UZBEKISTAN—MINERALOGY

Mineralogy of Silm ian aedimentary -metamorphic res is of Zirahulak-Ziretilinskiye Mountains. 1', O, Chilovica Uzb geol zhur 10 no 5:23-20 '66

UZBEKISTAN—PATRONITE

Patronite from Cambrian sediments of Uzbekislan, V. F. Savel'ev. Uzb.geol, zhu1. 10 no, 5:16-22 '66,

UZBEKISTAN—ROCKS, SEDIMENTARY—ANALYSIS

Composition of Upper Jurassic sall-bearing formation in the southern part of Bukhara-Khiva region, 'T.5, Raubkhodzhaeva, Uzb. gcol. zhar, 10 no. 5:61-69 'cg,

UZBEKISTAN-RUNOFF

Acom any of determining runoff of glacful rivers. A Shchetinnikov. Trudy Steet -Az nameh riest gideormeteor fust. no 27,89-98 466.

UZBEKISTAN-RURAL YOUTH

Work of the political sections of machine-tractor matters with the rural youth of Uzbekistan, 1934-1941 A.E. Nurltov, Nauch trady TashGU no. 281.87-191 566

UZBEKISTAN-GALTWORT

Biological characteristics of the saltwort Salsola right Pall and practices in its introduction in the pledment semidescrit of Urbekiston Z. Sh Sharnsutdinov Bost, 168 2 no 45539-540 %

UZBEKISTAN-SELLAITE

First find of sollaite in Uzbekistan, V. N. Apollonov, Uzb.geol.zbur, 10 no.5:10-18

UZBEKISTAN-SLAVERY

Some dain on slavery in the Uzbek khanates of the 19th century. A Kh. Khammev Nouch, trudy Toehfilt no 281:31-34 [66].

UZBEKISTAN—SNOW LINE

Seasonal snow boundary in Pakom, Angron, and Sokh basins L. D. Podkopaeva Trudy Sted -Az nameh -foul gidrometeor inst. no 27:76-82 '66

UZBEKISTAN-TEACHERS, TRAINING OF

Inolatov, N.Sh. [Struggle of the Communist Party for the training and education of teaching personnel in Uzbektstan, 1921-1925] Borba Kommunisticheskei partii za podgotowa i vospitanie uchiteliskish kadrov v Uzbektstane, 1921-1925 gg. Tashkent, Nauka, 1965. 31 p. (CSI-II)

UZBEKISTAN-TEXTILE FACTORIES-DESIGN AND CONSTRUCTION

Giant textile complex, B. V. Savushkin and others. Strain arkhit. Uzb. 6 no. 4:21-24 Ap. 165.

UZBEKISTAN---THERMAL WATERS

Some geothermal indices of Bukhara-Karshi antesian basin A. S. Khasanov, T. B. G. ebenshehikova, S. IA. Kurbanov Uzb. geol. zhur. 10 no. 5-50-63 186.

UZBEKISTAN-TOMATOES-DISEASES AND PESTS Insects as carriers of formato high bud virus in Uzbekistan, S. M. Moskovets', M. Z. Isamukhamedov Mikrobiol, zhur. 28 no 6:43-47 '66.

UZBEKISTAN-TREMATODA

Problems in the epizeatrology of anithobiliharzinsis of ruminants. D. A Azimov Veterinariia 43 no. 11; 50-52 N *66.

UZBEKISTAN-WOLLASTONITE

Beneficiation of Taskazgan wollastonite minerals, V. IA Shvetsov, L. N. Malakhova Stek, i ker 23 no 12 25-27 D 166

UZH VALLEY---GEOLOGY

Some data on the geology of the Uzh Basin (Transcat-pathial. O.S Vialov Dop. AN URSR no 7:930-933 '03.

UZHGOROD-GUIDEBOOKS

[Get acquainted with Uzhgorod!] Znakom'tes' - Uzhgorod! Uzhgorod "Kaipaty," 1966. 63 p. illus.

VACATIONS, EMPLOYEE

(see also subdivision under Siberia) Don't give any preferential treatment to hooligans, M. Mishuris, Sots trud II no.12:125-126 D 66

VACCINATION

Effect of some non-specific factors on the natural resistance of the body and postvaccination immunity. O. A. Habsevs. A.c.tb. med 7hm. 10 no.958-66 S 63 Experimental basis for enterovaccination in typhoid fever A. N. Meshalova, N. Sh. Amirov. Zhur. mikrobiol., epid i immun. 33 no.6,49-54 Je 62

See ological reactions with tissue antigens in it adiated and vaccinated animals N.N. Kicopas skain, N.V. Haova. Zhar mikrobiol , epid i immun. 33 no 6:107-111 Je '62

VACCINES

Closh lithum botulimum F Report No 4 Producing of rabbit antibotulin serum I M, Mikhaitova, Zhui mtkrobiol, epid 1 immum 43 no 11:56-62 N '66.

Comparative evaluation of smallpov vaccines S.S. Unmov and others Vop virus II no 5510-525 S-O '66

Development of a method for preparing dry tissue smallpor vaccine Report No 1 Study of optimal conditions for the multiplication of smallpox vaccine virus in tissue culture IV. Z Gendon and others Trudy Mosk nauch issi just virus prep no 3:3-14 '65

Development of a method for preparing dry tissue smallpox vaccine Report No 2-Study of smallpox vaccine virus multiplication cycle in cells of tissue culture virus multiplication cycle in cells of tissue culture IV Z tiendon, V. A. Milinev Trudy Mosk much -isel inst virus prep no 3:15-22 '65

Development of a method for preparing dry tissue small-pox vaccine Report No 3: Production of dry tissue smallpox vaccine and study of its their mostability IU Z Geodon, V. N Milushin Trudy Mosk nauch -isel inst virus prep no 3:23-28 '65

Development of a method for preparing dry tissue small-pox veccine. Report No 4: Study of scilvity, immuno-genticity and "accination process of smallpox vaccine, IU Z. Gendon and others." Trudy Mosk nauch -isst inst virus prepr. no 3:29-38 [65]

Dynamics of serotogical indices of immunity in animals immunized with vaccines against tick-boine encepholities. B.K. L'vov, V.A. Zarlinskala, K.V. Fokina. Vop, virus. 8 no. 1420-127 Ji-Ag 163,

Dynamics of serological indices of immunity in human subjects after vaccination with tissue culture vaccine against tick-borne encephalitis. D K. L'vov. V. A. Zok Haskala, M. P. Chumakov. Vop. vlurs. 8 no. 1: 427-435 Jl-Ag '63.

Effect of previous immunity to one of the antigens of polyvalent plague, tularemia and brucellosis vaccine on the immunizing properties of its other components. Report No 2: immunological seconstruction in compound accination against plague, tularemia and bi ucollosis following preliminary inoculation with live tularemia vaccine V G, Pilipenko Zhur mika obiol, epid t immun. 13 no 11:43-48 N *66.

Experimental production and control of cultured vaccine against tick-borne encephalitis. M. P. Chumakov and others. Vop. virus. 8 no. 4:415-120 Ji-Ag '63.
Immunochemical studies on antigens from microbes of the

Liminochemical studies on antigens from microbes of the typho-paratyphold group incorporated in a chemical polyvalent vaccine of the Gamaleia Institute of Epidemiclogy and Microbiology, N. V. Khatuntsova, M. V. Mironova, Zhur, mikrobiol, epid.i immun. 33 no.6; 43-49 Je '62.

Multiplication of influenza viruses in chick embryos and eignificance of this factor in the production of influenzal preparations T G Orlova. L A. Porubel¹. IU N Tatarinova Trudy Mosk nauch -issl inst virus prep no 3; 168-174 '65

Simple apparatus for drying live plague and tularemis vaccines. V. N. Sagatovskii. V. K. Kirdeev. Tilldy Gos.

Stability of tick-borne encephalitis tissue veccine Koraseva, B. F. Semenov Trudy Mosk nauch -isal inst virus.prep. 10 3:92-95 '65 Study of the epidemiological effectiveness of different types of vaccine for the prevention of tick-borne enciphalitis B F Semenov and others. Vop. virus 8 no. 1-438-110 Ji-Ag 163.

Studying some properties of the bacterial acrosol from strain No. 19 (Bruce Ha abortos.) \ V. Sclivanov nauch rab ShNIVI no. 11.71-73.162

Use of easein hydrolysate agains a medium for the production of dry live plague vector (strains 1 and 17) 5.1.Zaplatina and others Trudy Gosmuchi -issl. profive hum inst. 16,81-87 [59]

Use of the fluorescent antibody method for study of the localization of stantan virus, No. 10 in the cell and for its rapid detection in viccins. S. G. Dzaguszy and others. Vop. virus. 8 no. 4 171-171. J1-Ag. 163,

Vaccination of swine against hog cholers using reduced doses of ussue crystal violet "accine in an experiment, I V.Okuntsov, V M Birkin, I P.Zharkova Shornauch rab, ShbNIVI no. II 141-133 462

Various pathogenetic mechanisms of the pyretic reaction under the effect of streptococcol antigens V. I. Pytskii Biul cksp biol i med 55 no 5.69-73 My '63

VACCINES—CONGRESSES

Mezhinsitutskaja nauchnaja konferentsija pamiati L.A.
Tarasevicha, 1965. [Materials of the Interinstitutute
Scientific Conference in Memory of L.A. Tarasevich,
strains, vaccines, sera and antibiotics] Materialy,
shtammy, vaktsiny, syvorotki i antibiotiki. Moskva,
Gos, kontrol'nyi in-t med, biotogicheskikh preparatov,
1045–265. 1905. 365 р.

JONLM MICROFILM)

VACCINIA

Increase of radioresistance in rabbits by vaccine virus famounization L A Kamallan Radiobiologica 6 no 6:860-862 'G6

VAGINA-DISPLACEMENT

Medical aid in prolapse of the vagina in cows. V.R. I arasov. Veter inarria 43 no. 11:75-76 N *66

VAINSHTEIN, EMMANUIL EFIMOVICH, 6, 1966 Emmanuil Fimovich Vainshtein. Zhur, anal, khim. 21 no. 11:1405 166.

VALDAY HILLS REGION—LUMBERING

Kirilov, V. P. [Small mixed brigades, work practice of the Valdal Lumbering Camp] Malye kompleksnye brigady, opyt raboty Valdalskogo lespi omkhoza, Moskva, Gosles-1958. 15 р. (OrCS)

VALENCE (THEORETICAL CHEMISTRY)

Reversible valence isomerization, T.V Domateva-Man-delishtem, I A.Ditakonov, Usp.khim 35 no 7 1321-1343 Jl 66.

VALIKHANOV, CHOKAN CHINGISOVICH, 1835-1865

Ch. Ch. Valikhanov in the testimonials of Russian and White Russian scientists A. L.h. Margulan Vest, / Kazakh, 988-22 no 10,16-11 O '66,

VALLOTON, FELIX EDOUARD, 1865-1925

Engravings of F. Valloton N. Brodslaia. Iskusstvo 29 no 10:71-72 166.

VALUE

Mathematical formulation of the scheme of operation of the law of value, IU.1 Etkhonyal'd, Ekon. i mat. metod, 2 no 6:856-862 N-D '66
Problems of comparing the socially necessary expenditure of labor on the basis of cost in fuel producing branches, V.N. Minakhova Trudy INKH no 36 i01-118 '66

Socialist law of the distribution according to labor, and the law of value. C. Chizhov, Sots trud II no 12:54-51 D 166.

VALVES-STANDARDS

Russia (U.S.S.R.) Gosudarstvennyl komitet standartov, mer i izmeritel'nykh prilorov, "Geseral purpose pipe-line fillings, stop valves of malleable cast in on] Al matura it ubopi ovodnata obsheliego naznachonita, ventili zaponiyo iz kovkogo chiguna GOST 11448-05 - GOST 11471-05, GOST 5761-05, GOST 4686-85. Izd. ofitsial'noc. Moskva [izd-yo Slandartov] 1986. 101 p. orsen. (SSSR, Gosudarstvennye standarty)

VAN ALLEN RADIATION BELTS

Field of DR currents in radiation belt. B. E. Briunelli, Geomag, I aer. 6 no. 6-1076-1082 N-D 166.

VANADIUM see subdivision under Chu-III Mountains

VANADIUM-ANALYSIS

Amperometric thration of trivalent vanadium with tiron solution, I.A. TSerkovnitskaie, M.F. Grigorieva, Zhun, anal, khim. 21 no. 11.1395-1398 *66.

VANADIUM-METALLURGY

Solubility of vanaduum peniovide in atuminate solutions, V.D. Ponomurey, V.S. Tarasenko. Trudy Inst. met, 1 obog. AN Kazakh. SSR 16:70-81 166.

VANADIUM COMPOUNDS

New vanadium compounds of type Cr3SI structure. E. M. Savitskii, V. V. Baron, IU. V. Efimov Dokl AN SSSR 171 no 2:331-332 N 108.

VANADIUM OXIDES

Vanaduum corrosion in boiler systems. R. A. Lipshtein, S. F. Khuldin, F. S. Ginzburg. Teplocher gettler B. no. 2461 F. 161.

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or nacicita S.E. Brester, D. A. Perumov Biochimilin 27 no. 5:927-937 S-O 462. Variability or Actmonaces crythreus under the action of specific actmophage and mutagenic factors, V.I. Refirs-tata, S.I. AliPhantan Mikrobiologia it no. 6 811-819 S-O 462

Variability of prototrophs of Act, amendaciens under the influence of mutaginic factors, L. N. Bortson and others Mikrobiologia 31 no 5 850-852 S O 162

VARNA, BULGARIA-CONGRESSES

International symposium on radio engineering, electronics, and communication held in Varna A.K.T. okhimenko Lv vys ucheb zav., radiotekh 9 no 6 798-801 No D '68

VARNISH AND VARNISHING

Determining the service properties of varnish paint coatings. V.A Shevehenko, III.G Smolliantnov. Burn. i der. prom no 3.23-28 JI-S '62

New varnish and print materials. R Karnsey, G. Lopatin. Scl., etcol. 16 no. 11 f6-17 N '61

Portable electrostatic apparatus for applying varnish paint materials by a hand atomizer. M. E. Belokon'. Burn. I dec. prom. no. 3:61-62. Jl-S. :62 Semilationate line for variothing and diving furniture puncts. V. M. Nodelman, T. M. Mel'nyt, A. I. Khychyn, Lie hosp., He., pap I dez prom. no 6.7-8. N-D. '66.

VARVARA RESERVOIR-FRESHWATER FAUNA

Dynamics of the bottom fauna of Varvara Reservois, A.R. Khoblov Dokl AN Azerb SSR 19 no. 2 33-36 463

VARVARA RESERVOIR-TEMPERATURE

Thermal regime of Varvata Reservois, R.B.Tarverdiev, A.R. Khalliov, Sh. B. Khalliov, L.V. AN Azerb, SSR, Ser, nauk o zem, no i 131-137 '66.

VASCULAR GRAFTS

Construction of semibiological vascular prostheses. A. Khil'kin and others — Frudy 1-go MMI—18,204-299—466 Histochemical study of semibiological anticongulative prostlesss of venne cavac A 13 Shekhter and others Trudy 1-go MMR 40:300-307 '66

Morphology and histochemistry of the endothelium of sumibiological vascular prosthenes. A. B. Shekhter. A. M. Khil'kin, M. I. Kibaner. Trudy 1:go MMI. 49, 2000.

VASIL'EV, MIKHAIL VASIL'EVICH

Mikhail Vasiffey, D. Bilenkin. V mire knig 6 no. 11:12-

VASIL'YEVSKOYE, LAKE

Origin of Lake Vasti'yevskoye IU, M. Slepov Vop-geog Kameh no 3 124 '65

VASODILATORS

3011-317 '66

Effect of preparations and some chemical substances from hawthern on the peripher all blood vessels. D.IA Guscinov, Azerb med.Zhur. 40 no 1:65-69 Ap '63

VASOMOTOR NERVOUS SYSTEM see Nervous system, Vasomotor

Relationship of insulin. exytocin and vasopressin to yeast hexokinase G V. Titoys Biokhimita 31 no 6:1107 1110 N-D '66

VATICAN COUNCIL, 1963-1986

The 21st Council of the Catholic Church, I, M Kichanova, Vop nauch ateiz, no. 1:313-382 *66.

VAULTING

Rest intervals between repeated attempts in pole vaniling, M. V. Kogut, Teor. I prak. flz. kult. 29 no. 11:29-32

VAVOZH DISTRICI-SWINE HOUSES AND EQUIPMENT Economical presty on the "Resear" Collective Farm Set Strong To no 11 32 N 161

VECTOR ANALYSIS

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VEGETABLE GARDENING

(see also subdivision under Latvia)

Kuriukov, I A., and A. N. Komissarova [Early vegetables] Rannie ovoshchi Mosiva, Kolos, 1966 238 p. (DNA L)

VEGETABLE GARDENING-EQUIPMENT AND SUPPLIES

Comparative evaluation of standard " coding a cops and rota: , vorking parts for seedbed intertillage Voznesenskii Zap LSKIII 96 269-271 '65

VEGETABLE GARDENING-PRODUCTION STANDARDS

Khludenev, A I. [Organization of labor, establishment of work norms, and wages in vegetable growing] Organiza-tsim, norminovanie i opiata truda v ovoshchevodsive Moskva, Kolos, 1965—375 p.

VEGETABLE MATERIA MEDICA see Materia medica, Vegetable

VEGETABLE TRADE-COSTS sue subdivision under Leningrad

VEGETABLE TRADE-FINANCE

Give more attention to the vegetable and fruit trade, P Osivin, Fin SSSR 40 no 11:16-20 N 166,

VEGETABLE TRADE—MANAGEMENT see subdivision under Leningrad

VEGETABLES

Brezhncy, D.D., and others, [Vegetables of the night-shade family, tomato, common eggplant, black night-shade, pepino, husk-tomato, mandrake] O. oshchnye paslenovye, tomat, baklazhan, chernyi paslen, dynnaia grusha, perets, fizalie, mandragora. Moskva, Gos. izd-vo s-kh.lit-rv, 1958, 531 p. (Kul'turnaia flora SSSR. no. 20) SSSR, no. 20) KU

VEGETABLES CONTAINERS

Causes of great losses. E. Kolsman. Sov.torg, 40 no.1,13-14 Ja '67

VEINS-CONGRESSES

Symposium on phichopathology, May 16-17, 1966 Mos-cow N I Krakovskii R S kolesnikova Sov med 29 no. 12 139-143 D '66

VEINS-TRANSPLANTATION

Plastic surgery on the renal artery using a venous auto-transplant A V Nikolaev Trudy 1-go MMI 49 136-

VENA CAVA-SURGERY

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/ENGERS AND VENEERING

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Shading veneered furniture panels, A.G.Cheinin, N.I Oseiko Der prom 15 no 12 25 D 166

VENEREAL DISEASES—PREVENTION

Rozentul, M.A. [Prevention of venereal diseases] Pre-duprezhdenie venericheskikh zabolevanii. Moskva, Meditska, 1966. 37 p. (Nauchno-popullarnaia medi-tsinskaia literatua) (DNLM)

VENEREOLOGY—BIBLIOGRAPHY see Bibliography-Venereology

VENEREOLOGY-CONGRESSES

Vest derm.iven 37 no 3,84-91 Mr '63

VENEZUELA-LAND TENURE

Agrarian problem in Venezuela, E. Kovalev, Ekon sell-khoz 42 no. 11 107-111 N 166.

VENEZUELA-POLITICS AND GOVERNMENT Our comments, Nov. vrem. 25 no. 4:1-2 Ja 167.

VENUS (PLANET)—ATMOSPHERE

Unusual formation on Venus, N.P. Barabashov. Astron. tsir. no. 306:1-2 O 164.

VENUS PROPES

Our space rockets fly higher and higher. V. V. Dobton-rayay. Mol. komm., no. 3.28-27 Mi 161.

VERESAEV, VIKENTII VIKENT'EVICH, pseud see Smidovich, Vikentii Vikent'evich, 1867-1945

VERKHNYAYA-TULOMA HYDROELECTRIC POWER STATION

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VETERINARY HEMATOLOGY

Effect of nonspecific gamma globulin and trace elements on reserve alkalinity in the blood of calves M.D. Kondrat'ev. Veterinarila 43 no.12;59-60 D '66,

Effect of pregnancy on blood indices in speep. V.I. Shapkarin Veterinarila 43 no 12 80-81 D 166

VETERINARY HEMATOLOGY-EQUIPMENT AND SUPPLIES

Test chamber method for counting blood cells of poultry 1 I Diakova, V.V. Lipskaia, Veterinaria 43 no 1, 101-105 Ja 167

VETERINARY HYGIENE

Producing and raising piglets free from pathogens of infectious diseases. V.I Popov, L. A. Pavlovich, R. M. Sakharova, Veterinarila 43 no 11 98-90 N 166

Veterinary hygiene measures as the basis of the prophylaxis of bronchopneumonia in calves in the summer.
P T Lebedev, Sbor, nauch, rab, SibNIVI no. 11 220-228

Veterinary hygienic measures as the basis of the prophylaxis of foot-and-mouth disease N.I.Gorban'. Veterinaria 43 no 193-95 Ja '67,

VETERINARY IMMUNOLOGY

Duration of reactivity in cattle vaccinated with strain 19 S.I Muratov Veterinarila 13 no.1 33-34 Ja 167.

Immunobiological reactivity and postvaccinal immunity in suckling pigs. A.I Karetin. Veterinarila 43 no 12 32-34 D '66

Simultaneous immunization of swine against cholera, erysipelas, and leptospirosis V.F.Potrov, N.S. Bezhorodkin, Veterinatiis 43 no.11:35-37 N '66,

VETERINARY INSTRUMENTS AND APPARATUS

Instrument for taking pathological material from the nasal cavity of swine I.S. Egoshin, IU.K. Shergin, Veterinariis 43 no 11:07, N '66.

New diagnostic apparatus. A. A. Trefliov, Veterinarlia 43 no 11:69-71 N '66.

UNBK-1 multipurpose table bactericidal chamber N.G. Balashov, IU. P. Chernetskii, Veterinariia 13 no. l: 81-82 Ja *87

VETERINARY LABORATORIES see subdivision under

VETERINARY MATERIA MEDICA AND PHARMACY

Effect of narcotic substances on some species of with animals V. I. Korneeva. Veterinaria 43 no. 12. animals V.I. 51-52 D GG.

Locke-Ringer's solution in dyspepsis of calves. A Morozov. Veterinariis 43 no. 12:60-61 D '66.

Studying the physical, chemical, and some pharmacological properties of proparation KF Report No 1 E.1. Spirin Sbor nauch, rab StbNIVI no 11 169-173

Use of antiseptic preparations as oluments for the teats of cows. V D. IAbbochkin, A. G. Milianovskii. Veterinariia 13 no.12,86-88 D 166,

VETERINARY MEDICINE

(see also subdivision under Azerbaijan; Bakai region, Chetyabinsk Province, Cherkassy Province)

Ethyology of "demyelinating encephalomyelitis" of animals. R. A Kantorovich, G. V Konova. Veterinariia 43 no. 12:16-18 D '66.

Histological characteristics of spontaneous lumors in domestic animals [4, M M nozova, I V Skorodunova Veterinarita 13 no. 1166-69 N 166

Immediate tasks of the veterinary service in the new anniversary year - Veterinarita 13 no. 11 1 Ja 267

Increase the effectiveness of therapeutic and prophyinctic work. Veterinariia 10 no.19 i-1 ii 166.

Infection of animals with toxoplasmosis. I. G. Galuzo, Veterinatifa 13 no 11,10-12 N 166

Information and brief news, Veteringxiin 43 no. 11-120-126 N 466.

Problems in the physiology and pathology of reproduction in farm animals VS Shipilov, Veterinariis 43 no. 11:106-109 N '66

Prophylaris and therapeuties of noninfectious diseases, A P Studentsov, 1 G. Subbolina, O N. Preobrazh niski Veterin nila, 43 no 17,4-5 D 466,

Prophylaxis and therapy of diseases in young animals, G.P. Isatchev. Vetermaria. 13 no. 1/3-16. 3a. 467. Welcome the 50th anniversary of Soviet rule in a worthy manner. Veterinariia 43 no. 11:1-3 N 466

VETERINARY MEDICINE—BIBLIOGRAPHY see Bib-liography—Veter hary medicine

VETERINARY MEDICINE-CONGRESSES

40th anniversary of the first All-Itanaian Voiciliary Scientific and Organizational Congress. V.1 Ranklaev Veterination 13 no 11 112-115 N 166

VETERINARY MEDICINE—PERIODICALS

Readers' comments on the journal "Voterinarile," K.S.Kapanadze, G.Kolomatin, V.M. Stetseneo, Veterinarila, 13 no 11:12-14 N '66

VETERINARY MEDICINE-STUDY AND TEACHING

Improve veterinary education. IA P. Shilpakov. Veterinariis 11 no. 11:100-101 N 156

VETERINARY MICROBIOLOGY-EQUIPMENT AND SUPPLIES

Laboratory sublination unit for the freeze-drying of bacterial strain cultures G 5, Bezzerkhit, IU.P. Chernetskii, Veterinariia 13 no. 11:95-97 N 106

VETERINARY OBSTETRICS

Embryonal mortality, W. Baier. Veterinatila 13 no. 12:69-71 D 166

Results of the field testing of some methods for the diagnosis of the pregnancy of cows. A. N. Akhmadeev, 6. 7 Vasillev Veterinariia 13 no.177-78 Ja 167.

VETERINARY RESEARCH

(see also subdivision under Semipalatinsk)

Improve the structure and work guidance of velerinary research stations. H. A. Prudentov. Voterinarila 13 no. 11 101-103 N 466.

VETERINARY SURGERY

Treating wounds in sheep with antibiotics and by bitad suturing. I kh. Harovybornyi Vetoring iin 13 no. 11,65-66 N 166.

VETERINARY TOXICOLOGY

Studying the toxicity of sevin to animals. 1, N. Giadenko, O. A. Maiinin Veterima ita 43 ao 12:62-54 D 766. Toxicity of preparations of the nitrofuran series to animals, V.S Khomenko. Veterinarila 33 no.12; 54-55 D *66.

VET'MA VALLEY-SAND, GLASS

Goolegy, composition, and conditions governing the formation of the Kozlovskoye glass sand deposit
Makhmud Mukhamed Khalif - Izv. vys. uchch, zav., gesl
i razv. 6 no. lil23-126 Ja '63.

VIBRATED CONCRETE

Basic questions of the technology of vibratios relief concrete. A, E Denov. Trudy NIIZHB no 20 5-51 '61 Experimental study of prestressed floor and ceiling stabs manufactured by a test vibration rolling method. G, K, Khaldukov, IU D, Filip. Trudy NIIZHB no, 20 163-187

Growth of coment brick strength under early and brief heating. D. I. Tseilon Trudy NHZHI no 20 81-92 Cl

Mastering the technology of manufacturing reinforced co-crete slabs at the Lymbertsy Plant I. M. Frenkel¹ Trudy NIIZHB no. 20 70-83 [6]. Modulus of elasticity of concrete for vibration relief elements M. S. Borishanskii, A. V. Icebin Trudy NIIZHB no. 20:102-113 [6]

NIZIH no 20:102-113 '61
Shrinkage and swelling in fine-grained concrete for vibration rolled attacles S. V. Aleksandrovskii, Trudy
NIZHB no 20:93-101 '61
Study of the anchoring of high-strength wire in flexed
elements made from fine-grained concrete, K. V.
Mikhallov, F. M. Gorodnitskii Trudy NIIZHB no 20
114-125 '61

Study of the bond of wire reinforcement with concrete in vibration rolled articles. A.A. Svetov Trudy NIIZHO no 20:126-141 '61.

Study of the compositions and thermal treatment of highstrength mortars and fine-grained concretes for prestressed reinforced concrete slabs. S. A. Mironov and others. Trudy NIIZHB no. 20:52-69 '61.

VIBRATED CONCRETE---TESTING

Experimental study of large-panel reinforced concrete stabs with nonreinforced fields between the ribs R. N. Matselfnskir, M. I. Katin., Trub. NIIZIB no. 20 188-211

VIBRATION

Effect of energy dissipation in materials on the vibration of an elastic element at random excitation, V. M. Goncharenko, Prikl, mckb. 2 no. 11:90-96 '66.

Flooding oil from uncernented sands using vibrations
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Modeling the effect of vibration on soils, G. I. Pokrav-skii Trudy Gidropicekta no 7,245-250 '62

VIBRATION (MARINE ENGINEERING)

State and problems of noise control on ships. I.1. Klinkin Sudostroenie 56 no 11 5-10 '66

Studying the resistance of epoxy compounds to vibration loads, IU V Gershtem, Trudy LIVI no 8' 96-100 165

Taking into consideration the method of pipe fastening in calculating the vibration insulation of expansion pieces S A Dvinov, IU, N Raskin. Triady LIVT no. 82 121-126 (6)

Using with atton dampers to reduce forced carillations of the stern of the ship A M Alekseev, A B Sakharov, A, K Shorovskii Sudostroenie 28 no 12 44-53 D 462

VIBRATORS

Belancing of vibrating bodies, I.M. Krakinovskii. Strol. I dor, mash 8 no. 6 17 Jr 163 Calculating the disturbing force of eccentric vibrators, V.M. Danskoi. Strol I dor mash 8 no 6,18 Je 163

VIBRIO

Bacteriological diagnosis of vibriosis A P. Dzevenko. Vetermartia 43 no 194 Ja 187,

fisolation of acrobic vibrios from the sex organs of herd buils A.V.Golikov, N.V.Batiuta Vetermarina 13 no 1 98-99 Ja '67,

Possibility of vibrionic infection of chives fed with milk, V.F. Ivanov Veterinariia 13 no 12:23-24 D 466

Vibilogis of sheep in the northern zone of Kazakhetan, A.V. Golikov and others. Veterinariia 13 no 12: 25 12 466.

VIBRIO-CULTURES AND CULTURE MEDIA

Isolation of vibrio cultures by the membrane filter method IA. A. Krylov Vetermarija 13 no 1 99-101 Ja 167

VIDEO TAPE RECORDERS AND RECORDING

Development of the components of a regulated delay line for video tape recording. G.I. Alekseev Trudy VNIIRT no. 183-93 *64.

Magnetic recording of television linages Prom. Arm 9 no 10 83-84 166

Transistorized reproducing preamplifier for FM channels of video tape recorders L. G. Lishin Trudy VNIRT no. 1.94-99 161

VIENNA, CONGRESS, 1814-1815

Zak, L.A. [Monarche against the peoples, diplomatic struggle on the ruins of Napoleon's Empire] Monatkhi protiv narodov; diplomaticheskain bor'ba na razvalinakh napoleonovskot imperit. Moskva, Mezhdunar.otnoshe-nila, 1866. 378 p.

VIETNAM --- COKE INDUSTRY

Experience in producing metallurgical coke from anthra-cite in the Democratic Republic of Vietnam, Johannes Garstka, Koks I khim, no 16:58-61 '66,

VIETNAM, NORTH-COAL MINES AND MINING Van l'ong fights for freedom. V. Zelentsov. Sov. prof-sotury 22 no. 24:14-17 D *66.

VIETNAM, NORTH-DESCRIPTION AND TRAVEL

In fighting Victnam, 1. Ognetov. Agitator 34 no. 1:52-54
Ja '67.

VIETNAM, NORTH-ECONOMIC CONDITIONS

The years of struggle and victories. Nguyen-van-Rinh. Agitator no 16:33-35 Ag '62.

VIETNAM, NORTH-ECONOMIC GEOGRAPHY

An attempt to divide the Democratic Republic of Vietnam Into economic regions. Nguyen-van-Thuan Ver Mosk un Ser. 5; Geog. 21 no 6:83-85 NaD 566.

VIETNAM, NORTH-RICE-FERTILIZERS AND

Use of raw apatite as fertilizer for rice in the Democratic Republic of Vietnam. Le-van-Can, A. A. Schachkin, Trudy Un, druzh, nar. 24, Sel'khoz, nauki no, 1;27-39 166

VIETNAM, NORTH-WORMS, INTESTINAL AND PARASITIC

Work of the First Soviet-Vietnamuse Helminthological Expedition in Victor Democratic Republic, 1961-1962, A. A. Spasskti and others. Izv. AN Mold. SSR no. 5;3-17

VIETNAM, SOUTH-MILITARY ASSISTANCE, AMERICAN 800 Vietnamose War

VIETNAM, SOUTH-POLITICS AND GOVERNMENT

The Silgon merry-go-round, E. Rubin, Mezhdunar zhizni 14 no. 1 125-126 '67

VIETNAMESE WAR

A demonstration of recklessness. Nov. vrem, 25 no. 2:

Ditty war in Vietnam is America's disgrace. A. Volkov, Il Shiarevskii Sov professingy 22 no 23 41-42 D 46

Dishonest play of American diplomacy, newspaper reviews D Vollskii, Nov. vient, 25 no. 1 11-12 Ja '67

A financial report; a satirical sketch. Arthur Hoppe. Nov. vrem 25 no. 3 13 Ja '67

The foreign policy of the United States is a threat to peace IU Mclintkov Mezhdunir zhizni 11 no 185peace 91 167

Reports from hell. A. Ruthadze. V mire tnig 6 no. 10. 10 O 166

The Saigon marry-go-round E. Rubin. Mezhdunar. shirn 14 no 17125-126 '67.
The sky of Hanoi. Nov. vrem. 25 no. 8-2-3 F '67.

Starting at the wrong end, L. Maksimov. Nov. vrem. 25 no. 2 15 Ja 167

Three documents from Vietnam Agitator 31 no 23 55

Van Tong fights for freedom, V. Zelentsov, Sov. prof-soluzy 22 no. 24 34-37 1) '66.

VIETNAMESE WAR-PUBLIC OPINION

United States policy in Vietnam. Mezhdunar, zhizni 14 no 1952-153 167

VIKHOREVA VALLEY-FOREST SOILS

Potest soils of the Chang-Vikhoreva Interfluve. L.V. Popov 17v Vost, -Sib, old Geog ob-va SSSR 50 3-21

VILLAGE COMMUNITIES see subdivision under Chuvashia

VILNIUS-BRIDGES, PRETABRICATED

Unique engineering structure, S.A. Gershanek, A.L. Margolin Avt. dor 29 no 118-10 N '88

VILYUY VALLEY-WHITEFISHES

Ecologic and morphologic characteristics of Coregonus put d (Gmelin) in subarctic bodies of water, D. L., Venglinskii, Trudy Inst, biol, UFAN SSSR no 49,17-36

MEMBER

(see also subdivision under Dniester River)

New wet method of insemination of vimba eggs. F N Smirnova, S S. Kuzimina Ryb khoz 42 no. 11:24-26

VINCA

Structure of "ervin." V.M. Malikov, P. Kh. IUldashev, S.IU. Illausov. Khim, prirod, soed. no. 5:338-310 '06.

VINCETOXICUM see subdivision under Alfal Territory

VINE CROPS

Quantity of pollen grains needed for the formation of a single seed in vine crops. P.F.Kononkov Trudy Inst. gen. no. 26 46-52 462.

VINNITSA PROVINCE-AGRICULTURE

Newspapers and the party's leadership in the economy A. Idsel'skii, Komm Ukt. 41 no.12,77-78 D '06,

VINYL ACETATE

Simultaneous polymerization of ethylene with vinylacetate R. A. Terterian, A. I. Dintses, M. V. Rysakov. Neftekhimila 3 no 5:719-721 9-0 *63

VINYL ALCOHOL POLYMERS

Some theological properties of solutions of polyvinyl alcohol mixed with polyacrylic acid. E. P. Pimonenko and others Khim, prom. Ukr. no. 6:3-8 N-D 186,

Study of polyvinyl alcohol - polymethacrylic acid associ-ate G. I. Distler and others. Vysokom. soed. 8 no 10: nte G. I. Distler 1737-1741 O 66.

Vinyl alcohol polymer fibers with special properties L A.Vol'f and others Zhur VKHO il no.6:654-656 466

VINYL ALCOHOL POLYMERS-ELECTRIC PRODERTIES Conductance and viscosity of mixtures of aqueous solutions of polymethacrylic acid and polyvinyl alcohol.

I. S. Okhrimenko and others Vysekom soed. 8 no 10:

1707-1711 O '66. VINYL COMPOUNDS

Chemical plasticization of polyvinyl chloride. A. G. Kronman, V. A. Kargin. Vysokom. soed. 8 no 10:1703-1706 O 166

Preparation of graft copolymers. Part II: Grafting of vinyi momersi into silk and wool, V. V. Korshak, K. K. Mozgova, 1U V. Egorova, Vysokom, soed, 4 no. 11:1631-1638 N 162.

Production of t-antitino-3-buten-2-at from antiline and divingt oxide, S.R. Tulinganov, K.D. Petrov, Plast, massy no 950-51 '62.

Spectral characteristics and reactivity in radical polymerization of some vinyl aromatic monomers. A. Chernobal, Zh.S.Tirak'iants. R.IA. Deliatiskala. Vysokom.socd 8 no.10,1804-1809 O '66.

Study of types of polyvinyl chloride plasticization by means of nuclear magnetic resonance. L.1A Chambot soon and others. Vysokom seed. B no to 1810-1817 O '66 Synthesis of vinyl chloride by hydrochlorination of acetylenc in a fluid-bed catalyst. III. G Mamedaliev. Mageram Mamedov, N. I. Jone Dokl AN Azerb SSR 18 no.1,23-26 '62.

VINYL ETHERS

Fi ce radical addition of trichloromethyl suffernyl chloride to vinylaryl ethers E. F. Kohmakova and others Zhur org Fhim, 2 no 11 2048-2055 N 166

VINYL POLYMERS

Esters of pyrocatecholphosphorous acid as stabilizers of polyvinytenioride P A Kirpichinkov and others. Plast massy no 12 24-26 166

Study of stabilizing effect of vinyl alcohol and vinylamine copolymer on fixed rables virus in purifying it by from B S Diskins and others. Vop virus 11 no 6;729-734 N-D '66

Ventilation systems from vinyl plastics, IV. Opalev. No. Stroi. Ros. 7 no. 11.27-28 N '66.

VINYL POLYMERS-PIEZOELECTRIC PROPERTIES

Piezoelectric effect in polyviavi chterkie N.M. Kochatian, Kh B Pachadzhian, Sh A Mkhitatian 12v AN Atm., SSR, Fiz 1 no 4/217-221/66

VINYLENE GROUP

Copolymer ization of ethylene with vinylene carbonate R A. Terterian and others Vysokom seed 8 no 10; 1721-1726 O 66

VIRGIN TERRITORY—FARM BUILDINGS—DESIGN AND CONSTRUCTION

Planning and building state farms in the Virgin Territory
V Sheherbinina Arkhit SSSR no. 7:20-32 163.

VIRGIN TERRITORY---WINDBREAKS, SHELTERBELTS.

Vekshegonov, V.IA. [Checkerheard mothed of creating shelterbelts; from the practice of tree planting in the Virgin Territory] Shakhmatnyi sposob sozdanlin potezashelnitnykh lesnykh polos; iz opyla lesorazyodenilia V 1. 1965, 6. (CU) v TSelimom krae. Moskva, Lesnaia promyshlennost',

VIRILISM

Victorian
Clinical aspects and therapy of congenital virilizing
hyperplasis of the adsenal cortex A. M. Roskin, L. L.
Liber man, F. IU. Podol'skain Problendok i gorm 0 no 1:69 -74 Ja-F '63

VIROLOGY

Antigente properties a transplantable of cynomolgus monkey heart cell culture and amniote fluid of cattle, P. H. Kostakov, T. P. Konstantinova, T. A. Peaevosa, Vop. vitus, 6 no. 1,498-501 Ji-Ag '63,

Comparative cytologic analysis of the influence of the virus on the cell S, IA, Zalkind Trudy Mosk nauch - issi inst virus prop no 3;218-221 '65

Deficiencies in the methodology of diffusion precipitation reaction in the study of visuos 10, Z (fendon Trudy Mosk nauch -isst inst visus prep no 3:175-163 '65

Virology of tumors; a survey of data from the Lighth International Cancer Research Congress, I.S. Irlin Vop. onk. 9 no. 348-12 '63.

VIROLOGY-CONGRESSES

Problems of virology at the 9th International Congress of Microbiologists S. IA. Gaidamovich, V. M. Zhdonov Vop virus, 11 no 6:754-759 N-D '66

VIROLOGY-PERIODICALS

Bilef news. Vop. virus. 8 no. 1:525-526 J1-Ag *63.

VIROLOGY-TECHNIQUE

Plaque method in viruses of tick-borne encephalitis com-plex, G.D.Zasukhina, Vop.virus li no 3-617-619 S-O 166.

Significance of pH buffer, acciding orange solvent, for determining nucleic acid composition of viral inclusions by fluorescence microscopy methol. R. M. Bikbulatov. Vop. virus 11 no 5 619-622 S-O 168

VIRUS DISEASES

Characteristics of the infectious process in mixed viral infections I.A. Moskovskain Sov. med 25 no. 12 108-111 D '86.

VIRUS DISEASES OF ANIMALS

Pathogenicity of chicken surcoma virus in amphibians and reptiles G. IA. Svet-Moldavskii. L. P. Trubcheninova. L I Ravkina Vop virus. 11 no 6:702-706 N-

VIRUS DISEASES OF PLANTS

Characteristics of new strains obtained as a result of a combined infection by plantain messic virus and tobaccomessic virus. T.S. Pod*iapol*skaia. Trudy Inst. gen no. 26:195-199 102.

Insects as carriers of tomato big bud virus in Uzbekistan, S. M. Moskovets', M. Z. Isamukhamedov, Mikrobiol, zbur. 28 no.6:43-47 '68,

VIRUS DISEASES OF PLANTS (Continued)

Morphology of Chlorella pyrenoldosa lytic agent Fithonenko, N. B. Zabarzina Mikrobiologia 35 no 5 850-852 S-O '68

Pointo will and the study of the effect of various sprout surflittes on the morphological and biological characteristics of plants. K. A. Gusera, Shor Lind aspir nor nauch soft VIR no 2 293-298 [6]

Virus diseases of potatoes, V. Duda, Zashch, rest 11 no. 11:23 466.

VIRUS RESEARCH

Detection of virial antigen in the infected cell by the method of 1¹³¹-labeled antipolies V. M Stabhanova, E. M. Zhantlova Bful eksp biol i med 55 no 5,91-93 My 163

Editorial note, Von. virus 8 no. 1 523-524 Jl-Ag 163. Interferon and some problems of vital interference. V. P. Gamburg Vop virus 8 no 4(387-391 Ji-Ag 163

VIRUS RESEARCH-ABSTRACTS

Annotations of atticles received by the editors. Vop. virus. 8 no. 4 513-520 Ji-Ag '63.

VIRUS RESEARCH-CONGRESSES

Brief news Von virus, 11 no 5 630-637 S-O 466

VIRUSES

Antihodies to SV 10 in monkeys of different species. M. IA. Chumakova, G. I Avgustinavich, T. I Zabodova Vop virus 8 no. 4:152-456 Jt-Ag '63

Association of staphylococcus with respiratory viruses in feute pneumonia V. V. Ritova. A. S. Larionov Zhur mikuobiol. . epid i immun 43 no h 14-76 N '66

mile obtol. epid i immun 43 no L 14-76 N '66 Cytological and cytochemical examination of primary and continuous kidney cell cultures of the African grivet monkey (Curcophinesus achilops) infected with the simin virus SV₂₀ V LA Kaimysheva and others Vop. virus. 8 no. 4 60-166 Jl-Ag '63 Detection of antibodies to the monkey virus (SV₁₀) in human set a. Set ological evidence of infection from monreys and kidney cultures. M IA. Chumakova and others, Vop virus. 8 no. 4-457-160 Jl-Ag '63,

Election microscope examination of the vacuolizing virus 5V₁₀ in grivet monkey kidney cell rissue culture and in viral suspensions. N M. Shestopalova and others. Vop. virus. 8 no. 4-466-170 Ji-Ag ¹⁶³.

Electron interoscopic method of studying viruses with help of ferritin-labeled globulins. Isolation and charac-teristics of territin. IA G.Kishko, P. G. Mikhailov N.S. Pavlink, Vop. virus. 11 no. 5 385-569 S-O. 466

Fpitheliumlike strain isolated from cutaneomuscular tissue of human embryo I. Bradvatova S. Atsev vitus II no 5 607-509 S-O '66

Formation of hemagglutinins and infectious Sendal virus in cells of ascitic Philleh carcinoma IU. A Smitnov A.G. Buktinskaia Vop virus II no 5 570-573 S-O 66

Hemoggiutination reaction with similar viruses. D.F. Pilie. Vop virus. 8 no.5:505-509 Ji-Ag 163

Inhibitory effect of normal cellular RNA on the mullipli-cation of viruses. T.I. Tikhonenko and others. Vop. virus b no. 4:480-489 Ji-Ag 183.

Latvijas Padomju Socialistikas Republikas Zinatnu akademija, Mikrobiologijas Instituts. [Viruses in oncology] Virusy v onkologii. Riga, Zinatne, 1986. 353 p. (DNLM)

Oncogenous properties of polyama virus of the 13/Mescow strain, Z. I. Merekalova, Vop. onk 12 no. 11:45-48 '66.

Purification and concentration of human and snime! viruses; a short review of literature. A. F. Hocharov, C. F. Bocharov, O. N. Berezina. Vop virus. II no 6; 643-647 N-D '60

Separation of lytic and killing activity of bacterial virus particle V A Zuev. G I Burd Vop. virus II no 6 648-652 N-D '66

Stanificance of the burea Febricii in the induction of tumors in chicks by means of Raus' sarcoms viruses R. M. Radzikhovskais. Vop. onk 12 no 11-48-50 '66

Study of polyoma virus in various lissue culture systems, Chronic infection of transplantable APO-1 cells induced by polyoma virus E. Sh Vardosanidze, V V Mennat-glia, I. I. Mshvidobadze Vop virus th no 5 578-580 S-O 166.

Study of viruses isolated from Botkin's disease patients and their contacts. O. A Nuromskeis. Vop virus no 6:721-724 N·D *66

no 6:721-724 N-D '66
Temperature -viscosity relationship of high polymer ribonucleic acid in insects infected with a virus-containing deoxyribonucleic acid I. P. Kok. I, N. Skuratosvkaia. Biol-himita 28 no. 2:258-264 Mr-Ap '63

Tikhonenko, T.I. [Biochemistry of viruses] Biokhimiia virusov, Moskva, Meditsina, 1966. 294 p.

Use of the fluorescent antibody method for study of the localization of similar virus No. 40 in the cell and for lis rapid detection in vaccine. S.G. Dzagurov and others, others, Vop. virus. 8 no 4:471-474 Ji-Ag '63.

Use of tissue cultures for studying oncogenic viruses. A.D. Timofeevskii. Yest, AMN SSSR 15 no. 12:3-14 '69,

Virological and serological data on latent infection caused by the SV₄₀ virus in Macach thesus monkeys G I hollastina. Vop virus 8 no 4:450-452. Jic.

VIRUSES-CULTURES AND CULTURE MEDIA

Carbohydrate metabolism in the culture of swine embryonal kidney epythchium infected with the toot-and-mouth disease virus 1 G, Revenkov, D, A, TSuverkalov, L, F Gruntina Veterinarita 43 no 120-24 Ja 167.

Poot-and-mouth disease vaccine from the virus cultivated in ealf kidney c€il suspension N.V. Likhachev and others Veterinaria 43 no.1 24-25 Ja *67

VIRUSES-GENETIC RESEARCH

Phenomenon of interference of enter eviruses in experiments on tissue cultures. Report No 2- Use in capacity of interfering agent of noncytopathogenic viruses. L. M. Menthevich. Trudy Mosk nauch 4891 inst virus prep no 3,115-151. 65

Study of genetic characteristics of epitheliot, opic and myoh opic strains of stomatiks aphthosa virus, viral i fhonucleic at id and progeny of viral thonucleic acid.

IU. Z. Gendon and others Trudy Most nauch rissi inst vitus prep no. 3 152-160 '65

VISCERA

Vasometer reactions of organs in the abdominal cavity at various levels of arterial pressure V. P Kulagina Biul eksp biol i med 55 no 5 16-20 My '63

Change of the composition of ash elements in viscose in the process of its production. M D Inshakov and others Trudy VNIIB no. 51 91-97 '65

VISCOSIMETER

Use of a spherical cylinder viscosimeter for measuring the viscosity of pastes for printing with var dyes, L.M. Holomb. Leh. prom., no 2:34-38 Ap-Je '02.

VISCOSIMETRY

Light scattering and viscosimetry of polyvinylli imethylsil and solutions A B. Duchhova and others. Vysokom seed. 8 no 10:1614-1817 O '66.

VISCOSITY

Concentration dependence of the size of polymer coils in poor solvents V.E Eskin, A.E Nesletov Koll zhut. 28 na.6 904-909 N-D '66,

Conductance and viscosity of mixtures of aqueous solutions of polymethacrylic acid and polyvinyl alcohol. I. S. Okhrimenko and others - Vysokom sood - 8 no 10: 1707-1717 O 166.

Diffect of low-molecular substances on viscosity of polymer melts MA. Natov. D Khi Dahagarova. Vysokam seed 8 no 10:1841-18:15 O '66.

Effect of thermomechanical prehistory on viacouity proporties of binary polymer systems G.V. Vinogradov and others. Koll, zhur 28 no 6.809-813 N-D 166. Effect of viscosity of reaction medium on rate of initia-

tion of radical polymerization. P. E. Messerle, G. P. Gladyshev Vysokom. socd. 8 no. 10-1818-1822 O 466

Formula for calculating viscosity of petroleum oils at low temperatures Si S Gadzhiev Azerb neft khoz 45 no 9:38-40 S '66.

Hydrodynamics of polymer solutions. Part 5: Intrinsic viscosity of semirigid macromolecules. IU. E. Elzner, O. B. Ptitsyn. Vysokom soed. 4 no.11 1725-1731

Viscosity of boron initiaoride, G. M. Panchenkov and Vest, Mosk, un Ser. 2: Khim 17 no. 5:11-13

VISHNIAKOV, SAVVA GAVRILOVICH, 1897-1964 Savva Gavrilovich Viehniakov, Trudy VGU 63-3-5 '85.

Appropos of the optimization of the visual analyzer V.D. Glezer Biofizika 8 no 5:635-6 63

Effect of tunctional climination of the afforent visual nerves on the electrical activity of the cortex and relicular formation of the rabbit brain L. A. Novikova. V. I. Belisov Zhur vys nerv dejat. 13 no.4:715-726 J1-Ag 163

Functional changes in the visual analyzer of patients with cancer. Report No. 2. Sh. S. Alimardanova.

with cancer. Hopert No. 2, Sh. 5, Annaramova. Azet, med, zhur, 46 no. 3,12-18 Mr '63, Spatial analysis in hamadryad beboon young following the simultaneous cycliston of the visual, olfactory, heating and vestibulary apparatus. V. I Korolev. Zhur.vys nerv.doist 13 no 4-882-857 Jl-Ag '63.

VISITORS, AMERICAN

Works on the Soviet Union published by progressive American authors. I.V Smirnov. Ist. SSSR 10 no. 6:179-181 N-D 466.

VISITORS, ENGLISH

British lawyers have visited the U.S.S.R. L. Akimenko. Sots. zakon. no. 11:82 N '66.

VISITORS, HUNGARIAN

Hungarian lawyers have visited the Soviet Union, Sots. zakon, no. 11:30-31 N \(^166\).

VISITORS, SENEGALESE

Visitors from Senegal Sots, zalon, 43 no.12,64-69

VITAMIN METABOLISM

Indices of the metabolism of vitamina A and C and a above tene in healthy and dyspeptic cities. B. M. Mioshin, Vetering ite 43 no 11;58-59 N 266.

VITA MINS

Effect of X-ray irradiation on high nervous activity in dogs treated with various vitamins - B. I. Shaltari - Radiobiologia - 6 no 5 760-763 - 66.

Vitamin content of the milk of cows fed ration, containing uses L. A. Kruglova Khim v self khoz t no 12 49-51 D '66

VITA MINS---A

Quantitative method of determining vitamin \(\frac{1}{2}\) and \(\chi_{11}\) then in whole blood \(\begin{align*} \V.\) A Kai pacheya \(\begin{align*} \text{Biol}\) him(in \(\pi_11\)). no 2-201-209 Mr -Ap '63

VITAMINS-B₂ see Riboflavin

VITAMINS-B5 see Nicotinic acid

VITAMINS-B12 see Cyanocobalamine

VITAMINS-D2 see Ergocalciferol

VITAMINS—E see Tocopherol

VITAMINS-G see Riboftavin

VITAMINS-P see Bloffavonolds

VITEBSK-SHOE INDUSTRY-MANAGEMENT

Bonus system for pirceworkers, A.M. Dilsein, Proto Rel 9 no 12 13-11 D 466

VITEBSK-VOCATIONAL EDUCATION

Interplant schools for exchange of experience, 5,1, Fatherova Prom. Bel, 9 no 12 50 D 166

VITICULTURE

Lukianov, A.D. [Organization of viticulture] Organizatila vinogradarstva, Moskva, Kolos, 1966, 196 p. (DNAL)

VITREOUS STATE

Mobility of polyhalosty; ene macromolecules. Part 1: Study of the forms of molecular motion of poly ?? - fluoro-5-methylsty; ene by the delectric logary and polarization methods. G. P. Mishailov, T. 1 Berlier Vysokom, soed, 4 no 11 1732-1738 N 162

Polymerization in highly viscous media and thace dimensional polymerization. Part 4 Study of fracadical recombination in polyacrylate glasnes by means of electron paramagnetic resonance. (A. Koroley, B.R. Smirnoy, A.B. Bolkhovitinov, Vyrokom, socd. 4 no.11:1660-1661 N. 162

Tensiometric determination of glass-transition tempera ture, I M. Erlikh E. IU, Nekhendzi Plast mann no 12 61-62 '66

VITVER, IVAN ALEKSANDROVICH, 1891-1906 Ivan Aleksandrovich Vitvei (1891-1966), obituaty v Mosk un Set 5: Geog 21 no 6:117-118 N-D '66

VLADIMIR-RADIO IN INDUSTRY

And three words about people..., P. Romashav, Pr., radio i tel, 12 no. 6:17 Je *63,

VLADIMIR PROVINCE—FLOUR MILLS

Growth of the production capacity of flour milling enterprises in Vladimir Province S Kosol Muk-elev. prom 32 no 11:6-7 N 166

VLADIMIR PROVINCE-MOOSE

Winter distribution of moose in hunting grounds of Vladintr and Kaluga Provinces. E. P. Pivovarova Biot i prom. tesia no. 2;106-112 '65.

VLADIMIR PROVINCE—MOTION PICTURES IN AGRICULTURE

They have seen the motion-picture, and then what? F. Kashirskii. Agitator no. 18:59-61 S 162.

VLADIMIROV, GEORGII EFIMOVICH, 1901-1960 In memory of G. E. Vladimirov. Vest. AMN SSSh 15 no 12:88 460.

VLADIMIROV, MIRON KONSTANTINOVICH, 1870-1925

A veteran of the "Lenin Guards." E M, Entin Vor. 1st, 41 no. 12 206-208 D '66.

VOCATIONAL EDUCATION

(see also subdivision under Vitebsk)

Economics of education; in the Scientific Research Intiltute of Finance. I. Baklagina, V. Garanina. Fin. 5588 40 no. 11:93-94 N '66.

Proparing schoolchildren for work A, A Vasilies. Sov. pedag. 30 no. 6:24-32 Je *66

Results of a discussion of the relationship between school and life. Vech sred shkols 9 no. 6;39-91 N-D '66.

VOCATIONAL GUIDANCE

Light up your star. V mire knig 6 no. 12 17-18 D 166. School and life, T. Shengelevich, Sov. radio I tel. 8

Young scouts of various trades M Kopaner Dar obt no 12 67-68 D 466

VODKA see subdivision under Lithuania

VOICES OF FAMOUS PEOPLES

Volkot-Lamit, L.F. [A voice preserved for centuries; how they recorded and restored the speeches of V I Lenin Golos, sokhranomyi na veka, kak zapisali i vos-stanoviti rechi V I. Lenina Izd. 2, dop Moskva, Iskus-stvo, 1966 62 p

VOLCANIC ASH, TUFF, ETC — see subdivision under Caucasus, Kamchatka; Kyurovdag Oll Field; Mangyshlak Peninsula

VOLCANIC ASH, TUFF, ETC --- ANALYSIS see sub-division under Utal Mountains

VOLCANOES see subdivision under Kunashir Island; Sayan Mountains, Soviet Far East

VOLCANORS—CONGRESSES

Second All-Union Volcanological Conference & F. Makhor-Vop geog Karnch, no. 3 132-133: 165.

Vsesoluznoe vulkanologicheskoe soveshchanie, 2d, Petro-pavlovsk-Kuntchalskii, 1964. [Volcanism and the sub-surface structure of the earth, transactions] Vulkanizm I glubinnoe sir cenie Zemili; trudy. Moskva, Nauka. Vol. 3. 1966, 118 p.

VOLGA-AKHTUBA FLOODPLAIN-CORN BREEDING

Determining the viability of corn pollen in the fields of the Volga-Akhuba Floodplain A G Khudolan Shor trud asp I mol much son VIR no 2:108-112 [6]

VOLGA-AKHTUBA FLOODPLAIN-WEEDS

Some data on vegetative reproduction of weeds in the northern part of the Volga-Akhtuba Flootplain, M.N. Koblova, Uch.zap.Volg.gos.ped.inst, no.18;11-23 '64.

VOLGA-BALTIC SEA WATERWAY REGION-DESCRIP-TION AND TRAVEL

Bays of 30y and waves of bitterness. B. Beknazar-IUzbanhev. Sov protectory 22 no 23 39-40 D '66

VOLGA HYDROELECTRIC POWER STATION (LENIN)

Operating the hydraulic structures of the Volga Hydro-electric Power Station (Lenin) D. V. Sdobnikov, M S. Baranov, Cich strol 33 no 8,1-7 Ag '63.

VOLGA-URAL PETROLEUM REGION see Second Baku

VOLGA VALLEY—CLAY MINERALS

Allogatic and authigenic clay minerals in sandy-silt and argillaceous rocks of Pashiya horizon in Utal portion of Volga Valley T T Klubova Izv AN SSSR Ser gool 31 no 12-83-94 D '66

VOLGA VALLEY-CONSTRUCTION INDUSTRY

We exceed the plans and save materials. V. Likhachev. Na stroi. Ros. 4 no 10 16 O '63.

VOLGA VALLEY—CONSTRUCTION INDUSTRY—IN-

FORMATION SERVICES
Pay greater attention to technical information. N. Ivashin. Na. Stroi. Ros. 7 no. 11:20 N 166.

VOLGA VALLEY—ETHNOLOGY

<u>Busygin</u>, E.P. [Runal Russian population of the middle

Volga Valley; an historical and ethnological study of
material culture, the middle of the 19th to the beginning
of the 20th century] Russkoe sel'skoe naselenie Srednego Povolzh'ia; istoriko-etnograficheskoe issiedovanie
material'nol kultury (seredina XIX - rach XX vv).

[Kazan'] Izd-vo Kazanskogo univ., 1966 402 p.

VOLGA VALLEY-GAS, NATURAL-GEOLOGY

Tectonics and oil and gas potential of the even of Kulby-shev and Orenburg Provinces in trans-Volga veglor. I. N. Zhukov, K. D. Kulikov. Geol nefti v gaza. 10 no list-18 N '66

VOLGA VALLEY-GEOLOGY, STRUCTURAL

Characteristics of location of local structures in northern part of Ural-Volga interfluve, P.IA. Avrov, I. M. Bro-var IV AN Kazakh, SSR, Ser geol 23 no. 5:51-55 S-C '68.

VOLGA VALLEY-HEMORRHAGIC FEVER

Epidemiological characteristics of homorrhagic fever with the renal syndrome in middle Volga Valley. T. A. Bashkirey, V. A. Botko. Zhur mika obiol , epid i immun. 43 no 11 122 -127 N '68

VOLGA VALLEY-PALEOGEOGRAPHY

Direction of washdown and migration ways of material in Lower Saratov basin in middle Volga Valley, U.G. Distance Dokl AN SSSR 171 no 2:446-440 N '66

VOLGA VALLEY-PETROLEUM GEOLOGY

Tectonice and oil and gas potential of the area of Kuibyshev and Oronburg Provinces in trans-Volga region. I. M. Zhukov. K. D. Kulikov. Geol. nefti i gaza 10 no 11:15-19 N. '66.

VOLGA VALLEY-POPULISM (NARODNICHESTVO)

Ginev, V.N. [Populist movement in the central Volga Valley in the 1870's] Narodalcheshoe dvizhenie v Srednem Povolzh'e, 70-e gody XIX veka Moskva, Nauka, 1966

VOLGA VALLEY-POTTERY, ANCIENT

The "Vyselki" campate, the Reclibic period in the eastern part of the Volga-Oka Interfluve, V, V Fedorov, V,P Tret'lakov Sov. arkheol, 10 no 1 105-115 166

VOLGA VALLEY-ROCKS, SEDIMENTARY

Direction of washdown and migration ways of material in Lower Saratov basin in middle Volga Valley U G Distanov Dokl AN SSSR 171 no 2 i16-i19 N '66

VOLGA VALLEY—SOLONETZ SOILS

Characteristics of soils of the Solonetz complex in the soil zones of the lower Volga Vally SI Nikitin Uch.zap.Volg gos jed met no 18:129-110 '61.

VOLGOGRAD—ALUMINUM PLANTS—MAINTENANCE AND REPAIR

Repairing electrolyzers using blasts S.F Vlas ev. B K. Sidel nikov Mont i spets rab v strol 23 no 8.27

VOLGOGRAD—APARTMENT HOUSES—DESIGN AND CONSTRUCTION

Blocks of houses from medit-reinforced lime concrete, V Ulayovskii, Na strot Ros. 4 no. 10:24-25 O *6 i

VOLGOGRAD—CABLE INDUSTRY—MANAGEMENT

Scientific labor organization spreads from a work shop to the entire plant! F Zvezdm, L. Volgin, Sov. profsonzy 22 no 21 20-21 D '66

VOLGOGRAD—HISTORY

[Volgograd, the heroic city] Gorod - geroi Volgograd. [By] V.P.Ershov i di . Volgograd, Nizhne-Voizhskoe kulzhnoe izd-vo, 1966. 262 p

VOLGOGRAD-PUBLIC BUILDINGS-DESIGN AND CONSTRUCTION

New buildings in Volgogi ad S. Briskin Arkhit SSSR no 7,18-49 '66

VOLGOGRAD PROVINCE-BLACKFLIES

Some data on black flies breeding in the Volga and Volga-Akhtuba Canal in Volgogi ad Province V.D Patrushevs Med. paraz i paraz bol 32 no 2:200-204 Mt - 1p 163, V. D Patrusheva

VOLGOGRAD PROVINCE—BRUCELLOSIS

Epidemiology of brucellosis in Stalings ad Province. G. A. Balandin and others. Frudy Gos nauch -issi protivo-chum inst. 16:133-137, '59.

VOLGOGRAD PROVINCE—CALVES—DISEASES AND

l ocke-Ringer's solution in dyspepsia of calves, Amorozov Veterinariia 13 no. 12:50-61 D 166.

VOLGOGRAD PROVINCE—FOOD INDUSTRY

Food industry at the Vologiad industrial center, M.S. Struley, Uch.zap, Volg.gos.ped.inst, no.18:99-114 161.

VOLGOGRAD PROVINCE-GEOLOGY, STRUCTURAL

A possible but led uplift in northern part of Volgogiad Province region of Volgo Valley C. V. Kucheruk, F. A. Stlonov Geol neft! i gaza 10 no 11-30-32 N '66

VOLGOGRAD PROVINCE—GRAPES

Dynamics of fruit bud formation in the grapevine under conditions prevailing in Volgograd Province. M.N. Asoskova, Uch.znp. Volg.gos.pcd.inst. no.18:3-10 '64.

VOLLEYBALL.

Soluz sportivnykh obshchestv i organizatii SSSR. TSen-tralinyi sovet [Volleyball; competition rules] Volel-bol; pravila sorevnovanii. Moskva, Fizkul'tuu a i sport, 1906. 42 p.

VOLOGDA-ARCHITECTURE

[Aichlicetural monuments of Vologda] Pamiatniki arkhi-tektury Vologdy. [Vologda, Severo-Zapadnoc knizhuce lzd-vo, [n.d.] 1 v. (chiefly illus.)

VOLOGDA PROVINCE---ANTIQUITIES

The Modione campaite; its origin and its relation to Kargopoli culture. S. V. Oshibkina. Sov.arkhool 10 no. 4,27-37 166.

VOLOGDA PROVINCE-EMPLOYEES, DISMISSAL OF This shouldn't happen. R. Grigor'ev. Othr truda i sots, strakh, 9 no.12:12 D '66.

VOLOGDA PROVINCE-MAN, PREHISTORIC

Finno-Ugrian buriai grounds in Vologda Province. N.A. Chernitayn. Sov.arkhaol. 10 no.4:196-201 '66,

VOLOGDA PROVINCE-MURAL PAINTING AND DECORA-TION

The Acathistus cycle of paintings in the Si Ferapont Monastery. T.N Mikhellson, Trudy ODRL 22,144-164 '65,

VOLTAGE REGULATORS

Contactiess translatorized voltage regulator. I B. Bashuk, A I. Khomenko, V. N. Meleshkin Flek, i tepl, inga 10 no 40 31-33 O 466

VOLTA MMETRY

Direct voltammetric titration of selenium (IV) with Nicolaeva, P. K. Agasian, Zhui anal khim. 21 no.12 1170-1174 '66,

VOLTMETER

Phase-sensitive voltmeter for determining a.c hysteresis curves L N Chechurina 12m tekh no 6 15-47 Jo

Taking into consideration the effect of a low-resistance voltmeter on culcuit conditions. IV I, Guibanov - Izra tekh no 6 42-14 Je 162.

VOLUMETRIC ANALYSIS see Titration

VOLYN' PROVINCE—ECONOMIC CONDITIONS

Martseniuk, P.M., and B.P.Sydorenko. [Encounters on the 25th meridian] Zushi ichi za 25-mu meridiani. L'viv, Kameniai, 1986—196 p

VORONEZII---CITY PLANNING

Planning possibilities in achieving design for territory in center of Voronezh bounded by four main arteries.

L. Becchina, O. Berezin. Arkhit SSSR no 12 36-37 156.

VORONEZH-RUSSIAN PERIODICALS
"Filologicheskie rapiski," a periodical published in
Voronezh and its interpretation of the history of the
Slavs. L.I, Gabelko, G.I. Zasimov. Vop. ist slav.
no 2 257-266 '66.

VORONEZH PROVINCE-BRUCELLOSIS

Epidemiology of brucellosis in Voronezh Province. G. A. Balandin and others. Trudy Gos. nauch. -isst protivo-clam. 16 139-144. 159

VORONE ZII PROVINCE-FORAMINIFERA, FOSSIL

Stratigraphic correlation of Upper Cretaceous deposits of the wouthern slope of the Volonezh atteclies based on the foramnifer fauna. L.IA Berezentseva and others, Trudy VGU 63 38-47 '65.

VORONEZH PROVINCE—GEOLOGY, STRATIGRAPHIC

Stratigraphic correlation of Upper Cretaceous deposits of the southern slope of the Voronezh anteclise based on the foramnifer fauna. 1. IA Berezentseva and others, Trudy VGU 63 30-47 165

VORONEZH PROVINCE-GEOMORPHOLOGY

Oroca zin Province—Comortina et al. (Concerning M.S. TSygmonov's article "Gromorphological structure and age of the territory of Vorone/h Province as the most important (Icment in establishing soil regions," V.N., Preobrazhenskala, Trudy VGU 63: 135-137 [65].

VORONEZH PROVINCE-GRAIN

Seeds and crops. B. Veredehenko, M. Nepyshnevskii. Zemleddie 28 no 11:31 N '66

VORONEZH PROVINCE—SALINE AND ALKALI SOILS

Concerning M.5 TSyganovis article "Geomorphological structure and age of the territory of Voronezh Province as the most important element in establishing soil regions," V.N. Probrazinnskaia Trudy VCIU 63: regions, "V

VORONEZH PROVINCE-STOCK AND STOCKBREEDING

Let's mechanize our stock farming N. Manukovskii, Agitato: no. 2·30-33 Jn 162

VORONEZH PROVINCE-TERRACES (GEOLOGY)

Unusual structural terrace on the Cenomanian sands. R.V Krasnenkov. Trudy VGU 63:48-49 165.

VORONEZH VALLEY---EARTH MOVEMENTS

Some geomorphological signs of recent tectonic move-ments in the lower Voronezh Valley, M. A. Klimenko, Trudy VGU 63:108-111 *65.

VOVCHOK, MARKO

Khudash, L.S. [Studying the works of Marko Vovchok in school] Vyvchennia tvorchosti Marka Vovchka v shkoli. Kylv, Radians'ka shkola, 1964, 142 p. (CaOYU)

VOYAGES AND TRAVELS

Chichkov, V.M. [Stops through a strange land] Shagi po chuzhol zemic. [Moskva] Molodata gwardita, 1990, 124 p.

Genre traits of old Russian "travels", V.V. Dantlov, Tindy ODRL 18:21-37 '52.

Novikov, L.A., and A.K. Taradankin. [On warm seas...] Moriami teplymt.... [Moskva, Sovetskaja Rossija, 1966] 166 p. illus.

Semper, Johannes. [Works] Toosed. Tallian, Eesti Raamat. Vol.5. [Travel notes] Reisikirjad. 1965. 520 p.

[In Estonian]

VOYNCH, ETHEL LILLIAN (BOOLE), 1854-1960

Shumakova, T. A. [The work of Ethel Lillian Voynich. Author's abstract of the dissertation for the degree of Candidate in Philological Sciences] Tvorchestvo Etel Lilian Voinich Aviorefernt dissertatsia na soi skanit uchenou stepeni kandidata filologicheskish nauk. Nauch rukoroditeli -2. T. Grazhdanskala Moskva, Obl. pedagog in-t, 1905. i? p. [MICROFILM]

VRANGELI ISLAND---POTASSIHM--ARGON DATING Potassium-argon dating of rocks in Vrangel' Island L. V Firsov Geol I geofiz no 9 11-20 '66

VRUBEL', MIKHAIL ALEKSANDROVICH, 1856-1910 Realization of a creatite plan, A. Ledoro: -Davydov. Inhumated 20 tm, H 65 '66

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Effect of themical bonds between ruther and filler on tulcanizate reinforcement, Z V Chernykh V G Epshtein, H.P. Tikhomirov Koll zhur 28 no 6 900-403 N-D 166

(d) N-D '66 Protection of subbet compounds against searching by Interest of signification in econtaining comparinds. A Grinteria, V F Chericota, A A Potashnik, Kauch 1 122 21 to 6:9-11 Je '62.

To deological evaluation of some sufferiamide derivatives of 2-marcaphobenzottazale used as sufcanzation accularators, HS Voloblevi, NV, Mizentseva Kauch i rez. 31 no. 614-1616 2022

VULCANIZED FIBER

Increase of the teaction capacity of cotton fibers with zinc chloride solutions in the production of base paper for vulcanized fiber A.P. Kuznetsova, Trudy VNIIB no, 51 35-42 lo5

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VYATKA VALLEY—ANTIQUITIES

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VYATKA VALLEY—GEOLOGY, STRATIGRAPHIC Lover Cictaccons sediments of Vyatka-Kama interfluye. S. G. Dubelko, spin Bull, MOIP, Old geol. 41 no. 4:138-140 JI-Ag '66.

VYBORG-TELECOMMUNICATION-EMPLOYEES

Life and work of Vyborg telecommunication workers, L. IA IAkozley, Vost, swazi 20 no 11 23-26 N 460

VYCHEGDA VALLEY-RUNOFF

Characteristics of atmospheric pressure and circulation in years with shootmalities in the water supply of the kame. Pechora, and Vychegda River L. A. Zhivkovich Vest Mosk un Ser 5 Geog 21 no 6,93-95 N-D '66

VYDRIKHA REGION (ALTAI TERRITORY)-ROCKS. IGNEOUS

Stratification of magma during the formation of the vein rock of the Buganivitnesky grantiald massif in the Altai, V S.Kuzebnyl, Vest. AN kazakh SSR 22 no 10; 71-73 O '66,

VYGOTSKII, LEV SEMENOVICH, 1896-1934

VIGOTISKII, LEV SEMENOVICH, 1896-1994
Generalization problem in L. S. Vygotskii's works. V. V. Davydov. Vop. psikhol 12 no. 6:42-54 N-D '86.
L. S. Vygotskii and the problem of localization of functions. A. R. Lurria. Vop. psikhol. 12 no 6:65-61 '66.
L. S. Vygotskii's role in the development of the problems of perception. A. V. Zaporozhets. Vop. psikhol. 12 no. 6:33-24 N-D '86.

Problem of learning and development in L. S. Vygotskil's works. D. B. El'konin. Vop. psil/hol. 12 no. 6;33-41 N-D '66.

(see also subdivision under Poland)

Economic basis of the differentiation of wages. N. Rab-kins. N. Rimashevskala Vop. ekon no. 12:76-89 D *65.

Socialist law of the distribution according to labor, and the law of value, E. Chizhov Sots, trud 11 no. 12:54-61 D 166.

Wage regulation, S.S. Karinskii Sov. profsoluzy 22 no 23 44-46 D 166

WAGES-AGRICULTURAL MACHINERY INDUSTRY see subdivision under Odessa

WAGES-AGRICULTURISTS

Recommendations for wages for agronomists Zemlede-lie 28 no. 12 68-70 D 166

WAGES-BORING see subdivision under Krasnoyarsk Territory

WAGES COMMERCE

A new procedure for economic stimulation. N. Vasenin. Sov. torg. 40 no.1:6-9 Ja '67.

WAGES-CONSTRUCTION INDUSTRY

Wages for construction workers, G. Shtelan, Sots. trud 11 no 12 131-133 10 766

WAGES-DEPARTMENT STORES see subdivision

WAGES-DISMISSAL WAGE

Procedure in the payment of discharge banefits, G.I Amenfel'd, Sats zakon, no. 11:81-85 N '66.

WAGES-DISTILLING INDUSTRIES

Transfer to a seven-hour worlday and the new Wage systems V.E Melodiev, E.V Molostvov Split prom. 28 no 5 11-42 (62

WAGES-FEED INDUSTRY

Scales of rewarding the workers of enterprises trans-ferced to new conditions of planning and economic stimulation V Richochenko Muk -clev prom 32 no 11 30-31 N 466

WAGES-FLOUR INDUSTRY

Scales of rewarding the morkers of interprises frans-ferred to rem conditions of planning and economic stimulation V Risbochenko Muk -elev prom 32 no 11 30-31 N 155

WAGES-HANDBOOKS, MANUALS, ETC.

Danilevich, V.G. [Manual for wages] Spravochnik po zarabotnoi plate. Minsk, Nauka i tekhnika, 1966. 502 p.

WAGES-HIGHWAY TRANSPORT WORKERS

Improve wage system of maintenance workers. Avt. transp 44 no. 12 14-15 D 166
Whyer of maintenance workers in an automotive transportation unit V. Miziuov Avt transp 41 no 12,16-18

WAGES-JOURNALISTS

This is an important question. S. Fateev, Sov. radio 1 tel. 12 no. 6110 Je 463

WAGES-MACHINERY INDUSTRY (see also subdivision under Lugansk Province)

Popov, V.E. [Organization of wages in machinery manu-facturing enterprises] Organizatsita zarabotnoi platy na predpriiatilah mashinostroenila. Kiev, Tekhnika, 1966. 185 p

WAGES—PETROLEUM INDUSTRY

On the size of funds and incentive norms for oil field administrations P. A Berezovskii, K. T Maksimov Ekon neftudob, prom. no 5 3-6 166

WAGES-RAILROADS

Mode of payment for combined professions IA, P. Kaitsev, Zhel, dor transp, 18 no 6:83-84 Je '68,

WAGES-SHOE INDUSTRY see subdivision under Ukraine

WAGES—STEEL INDUSTRY see subdivision under Undeper Valley

WAGES-SUGAR INDUSTRY
Developing and improving the wage schedule for sugar
industry workers A, Atumkin Trudy Ekon, Iak, Kir,
gos m. no. 180-88 '64,

WAGES-TRANSPORTATION, AUTOMOTIVE see subdivision under Latvia

WAGES-WOOL INDUSTRY see subdivision under Bryansk

WALLS

(see also subdivision under Tallinn)

Load-bearing capacity of interfor walls in multistory panel-type buildings. A. Lysogorskii. Stroi, i arkhit. Mosk. 12 no.6 9-11 Je 153.

WALLS-TESTING

Investigating air permeability of some protecting structures R Akopian and others Prom Arm 9 no 10,58-60 '66,

WAR-PSYCHOLOGICAL ASPECTS

[Modern warfare and the psychology of the soldier] Sov-remennyi bol i psikhologila volna, Moskva, Voenizdat, 1967, 110 p. (Soldatu i matrosu o revoliutsii v voennom

WAR CRIME TRIALS

Udovich, I.M. [A man with somebody else's papers]
Chelovek s chuzhim pasportom. [Rostov-na Donu]
Rostovskoe knizhnoe izd-vo, 1965. 76 p.
[MICROFILM]

WAR CRIMES see subdivision under Latvia

Materials on the infestation of cattle by the larvae of warble files in Omsk Province, G. I. Getta Sbor, nauch, rab, SibNIVI no 11 185-188 *62.

Warble flies—extermination (see also subdivision under Tula Province)

Practice in the use of troiene and dimethoate in controll ing warble flies, G.1, Grtta Shor nauch rab. SthNIVI no. 11 191-194 164.

Ructene as an effective means of controlling warble files V k Meterities. Veterinarila 13 no. 12 17-10 to 466.

Testing the larvicidal effect of trichlorometaphos-1 in the Hypoda ma infostation of reinforcing near 118 the Hypoda ma infostation of reinforce. A. A. Nepakhoro-, P. I. Briushima Veterina na 43 no. 1 57-56 Ja 461.

Unforced feeding of weak solutions of chlorophos in controlling the warble fly infestation of cattle. Report No. 2. G.1.Getta. Sbor, nauch rab SibNIVI no. 1049-190-162

of trichlorometophoses in Hypodorma intestation
G.I Getta and others - Veterinarity 43 no.151-51.

WAREHOUSES

New developments in the construction of warehouses K Rashkovskii Strot is a khut 11 no 18-30-31 Ap Watehouses and the argumention of trade. G. Koro, Phy. L. Pekelis Sov. torg. 10 no.1,9-12 Ja 167.

Indirect coentgenothernpy of plantar waits. A 1. Gellet, Z.S. Kritsmon. Vost. detm.; ven. no. 1266-66 252

Local treatment of plantat world with Fowler to maching solution. A.I.Kogan. Vest.do.m. I von. no. 12:08-69 462.

WASTE, DISPOSAL OF sec Industrial wastes

WATER

Effect of water structure in electrode processes. A.V. Pamillov, O.I. Lupushanska, A.M. Balter. Dop. AN URSR no. 7 908-811 '63.

Semimicromethod for determining tectopic composition od oxygen of water by H_2O exchange with Raim), 1 1, Voltaev, V.N. Channova, K.M. Sallmova. Zhur, anal. khim. 21 no.10:1262-1263 '66.

WATER-ANALYSIS

(see also subdivision under Byk River)
Conductometric method for determining the total hardness of water G, B Pasovskala, Lv. AN Tank, SSR, St. 1, ft tekh., khtm, i gcol, mark no. 2 108-116 '61.

WATER-CHLORINATION

Method for the removal of phonols and other organic substances from drinking water I A. Kull alkyl, III. M. Kalinitchuk, A. N. Baranovs'ka, Khim, prom. [Ukr] no 3 21-26 J1-5 02.

WATER-COMPOSITION see subdivision under black Sea; Doleper River

Water-Electrolysis

Thermoelectric water offect. E.S. Bibikov, V.I., Tuck. Priroda 55 no.12:58-60 '68,

WATER-MICROBIOLOGY

Use of phase-contrast microscopy in bacterial count by a direct method for the quantitative evaluation of water. L. E. Korsh. A. S. Razumov. Mikrobiologiia 31 no. 2: 357-391 Mr -Ap '02.

WATER-POLLUTION see subdivision under Donois River ; Seym River

WATER-PURIFICATION

Kolotkov, G.P., and E.D.Babenkov. [Mothods for the purification and quality control of water] Metody ochletki i kontrolia kachestva vody. Moskva, Transport, 1860, 38 p. (Dostizhenila nauki i tekiniki - v proizvodstve!)

Kus'min, IU.M. [Gausos in water-purifying structures; practical recommendations] Sotelatyo ustanovki v vodocchistnykh sooruzhenitakh; praktichoskio retomendatsii. Loningrad, Stroitzdat, 1968. 130 p.

Mechanization of the purification of water for rural water supply, V.S. Ovodov, P.S. Miroshnichenko, Aldr i mel 18 no. 12:23-29 D 166.

Some conditions for the clarification of the circulating water of scrubbers of electric managenese-sideon furnaces. S. P. Sukach and others. Vod., kun., gid., soor. no. 1:121-126-66.

WATER—THERMODYNAMICS

Thermophysical characteristics of water and steam on the saturation line (according to temperatures) Energy-mashinostroente 8 no 8:47-48 Ag '63.

WATER, UNDERGROUND

(see also subdivision under Asia; Caspian Sea region; Chulakiau region, Kazakhstan; Dnieper-Doneis Lowland; mgui Vatley; Ingulets Valley, Ukraine; Kara Kum; Mugodzhar Hill region; Oranburg Province; Second Baku, Turkmenisian; Ukraine; Uluntuy Valley; Wost Siberlan Plain; White Russin; Zaunguzkoye Plateau)

Classification of the mountain rivers based on the indications of underground water sources, I.G. Glukhov Izv vys. acheb. zav. .geol. i razv. 6 no. 6:131-132 Jo 163. TER, UNDERGROUND (Continued)

TER, UNDERGROUND (Continued)
According the use of the method of flow resistances in a totalations of contour systems of veils. V. M. nestancy. Trudy Lab, ha/h gidrogool, VODGEO 0, 424-28. 162.
By mining the hydrogeological parameters of a bed from a data of short-term pumping. E. A. Griffevich. Razvoolitr.nedi. 29. no.3:12-45. Vi. 163.

objections as no serves vis 163 termining the initial hydrogoological parameters for n estimation of the usable reserves of underground takers. F.M Bochever, k.F.Orfanidi, Trudy Lab, 12th gidrogeol VODGEO no 150-56 162.

rect of mole drainage on the conditions of ground waters,
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o, 4-97-105 'e6, apparent of ander ground water 5 of cep water bearing horizons S. M., Mukhamedzhanov, 1. Schev, Zh. A. Buketov Izv, AN Kazakh SSR Ser cel 23 no 5 38-50 S-O '66 s saturation with water under for mation conditions in as pool development V. J. Popov G1z prom. 11 j. 11 18-17 '66.

gesis of the underground waters of abyssal zones, S. Havrilenko Dop. AN URSE no. 7.910-941 163

regeological prerequisites of exogenous epigenetic e formation with participitation of formation water K. Liquitsin - Lit i pol iskop - no 6127-128 N-D

finkey, N.1. [Prospecting for fresh underground waters in the purposes of large-scale water supply] Potski gazedka presnykh podzemnykh vod dila tselet krup-go vodosnabzbenia [Moskwa] Izd-vo Mosk, intv. Pt. 1. [Hydrogeological principles] Gidrogeologicheskie osnovy 1985 241 p. Schem of the flow of free ground water in a well with weally permeable contining layer. S.T Rybakova MTT no. 3 113-116 Ny-Je 162.

ER. UNDERGROUND-ANALYSIS

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FER, UNDERGROUND—POLLUTION see sub-Hylsion under Lisichansk Region (Ukraine), Lubezhnoye region (Ukraine)

ER FLEAS

sumption of Bacillus coll by water flea Dapimia puler e Geer. R.I. Levina, N. M. Kriuchkova, V. G. Kond-tiuk Dokl. AN BSSR 10 no 12:002-084 D '66

ER GAS

chanlam of the synthesis of hydrocarbons from carbon conocide and steam, I.F. Rogdanov Trudy IGI 18; 4-39 '62.

w placess for the synthesis of organic compounds come carbon monoxide and steam. Part 1: Synthesis a nation-copper entityst. 1. F. Bogdanov, N. V. aviav, M. A. Kostomarova. Trudy (G1 18;78-93 '66 w process for the synthesis of organic compounds from process for the synthesis of organic compounds from alloyed from catalyst. 1. F. Bogdanov, N. V. Laviav, V. Grebenshchtkova. Trudy (G1 18;94-100 '62,

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fect of dehydronscorble acid on some indices of water-nineral metabolism in rais M. M. Pokraston, O. M. Vaniuta, Ukr. biokhim zhu 38 no 6 638-611 160.

FER PIPES—COLD WEATHER CONDITIONS

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ER RESOURCES DEVELOPMENT

• of water resources in the building of the coonomic and id technical foundation of communism and some prob-ms of studying them. G.P. Sinlagin. Izv. vys. ucheb. vy. geol. i razv. 6 no. 1·3·10 Ja 163

FER RESOURCES DEVELOPMENT—FINANCE sec addivision under Armenia

Unikov, N. I. [Prospecting for fresh underground waters the purposes of large-scale water supply] Polski - Rzwedka piesnykh podzemnykh vod dlia tselet krup-Bo vodcenabzhenila. [Moškva] Izd-vo Mosk, univ. Pt. 1. [Hydrogeological principles] Gidrogeologicheskie osnovy. 1965. 241 p.

ER SUPPLY, RURAL

Chanization of the purification of water for rural ator supply. V.S.Ovodov, P.S. Miroshnichenko. Gidr. Ruci. 18 no.12-23-29 D '66.

WATER-SUPPLY ENGINEERING

Methodology for determining the minimal pressure for the pacumatic system of water supply. K. Z. Picci. Vod Phot. no 4:165-171 '66

WATER VAPOR

Control of dispersity of log formed during homogeneous vapor condensation. A G Amelin. Koll zhur. 28 n. o. 6787-791. N-D. 166

WATER VAPOR-THERMODYNAMICS

New formulas for determining thermodynamic properties of water vapor contained in an M.I. Fulnet Lv vys. ucheb. cav , strei, i arkhit 6 no 0,98-100 066

WATERCOLORS

Gosudarsivennala Tret'iakovsyaia galereia. [Diawings, watercolors] Risunok, akvarel'. Moskva, Sovelskil khudozhnik, 1986. 21 p. 146 Illus

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WATERFRONTS-SAFETY MEASURES see subdivision under Armenia

WATERPROOFING

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WATERWORKS INTAKES see Intakes (Hydraulic engineering)

WAVE FUNCTIONS

Nonorthogonality of wave functions in unified theory of resonance nuclear reactions L.V. Gordeev Ind fiz 1 no.5-958-961 N '66

WAVE GUIDES

Absorption of power by a magnetized ferrite spheroid in a rectangular wave guide. A V Ktsliakovskii, V S Vuntermeri. Lv. vys ucheb zav., radiotekh 9 no 5 665-667 S-O '60

9 no 5 665-667 S-O '66
Approximate calculation of the distributed pranaeters of a flat helical delay line V A Lossa-skit Lyr vyrucheb zav, radiotekh 8 no 5 324-598 S-O '66
Calculation and mecasurement of wave impedance and coupling imprehance of wave guides with periodic structures N M Chikha, V P Lamov Izv vys ucheb 'av radiotekh 9 no 5 667-671 S-O '66

Calculation of interaction coefficients and electron conductivity for cavities with two interaction gaps, IU A

distribution to the theory of the excitation of a gyroti op-ic plasma wave guide of a corrial line V A Buts, S 5 Kalmykova, V 1 Kurliko Radtotekh i elektron II no II 2009-2072 N 166

Cooled 3 cm band circulator B. B. Krynciskii, G. P. Kuzinia, A. V. Shirokov Radiotekh i elektron B no. 12 2248 D 166

Electrical parameters of a wave guide slot bridge, I. G. Dorfman, V. V. Falatov Radiotekh i elektron Il no Il 1933-1943 N 466

Electromagnetic wave emission by infinite packet of impedance half-planes. V V. Martsofoi Izv. vys ucheb zav , radiofiz 9 no 6-1146-1150 '66

Feature of using periodic structures in the capacity of millimeter-band transmission lines L 1 Kats, E. L. Kulikov Radiotekh i elektron 11 no 11 2074-2077

Kinetic theory of stratified plasma wave guide in strong magastic field. A N Kondratenko Izv vye ucheb zav ; radiofiz. S no 6:1065-1072 '68

Mirror beauguides V.F. Vziatyshev Radiotokh i elektron. II no 12:224z-2214 D 166

Simplified calculation of stopped transitions and directional couplers with random number of elements, L.G.Kirillov Radiotekh i elektron 11 no.12 2249-2250 D 166.

Valushtein, L.A. [Onen resonators and open waveguides]
Okkylyo rozonatory 1 otkrytye volnovody. Moskva,
Sov.radio, 1966. 474 p.

(see also subdivision under Caspian Sea) Nonlinear effects in plasma. V.N. TSytovich. Usp. fiz., nauk 90 no. 3 435-186 N 466

Stability of waves in nonlinear dispersive media V.C. Zakharov Zhur eksp i teor fiz 51 no 4:1107-1114

Brown coal wax as softener for rubber compounds. If A. Blokh, M.A. Vaskivs'ka. Khim. prom. [Ukr.] no 3 31-34 Ji-S 462.

WEATHER CONTROL

Filimonov, L. [Landing in a cloud] Desant v oblake. Lening ad, Oldromotocizdai, 1986. 126 p. (Na sushe, v more, v vozdukhe)

Generation of ice crystals, P.G. Kuntsevskii, L.M. Rocv. Trudy UkrNfGMI no. 53:110-116 466.

Kinetics of formation of artificial precipitation and disapation of supercooled 50 atus using solid carbon dioxide M.V Burkov, V.L.Sigal, V.K. Iarasiuk Trudy UkrNIGMI no 53 3-01 465

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Mithodology and organization of controlling results of effect on heat processes in Expedition of High Mountain Institute. M. P. Z. iverthey, M. A. Khadzhiev. Trudy VGI no. 3 221-226 166.

Metholology and physical bases of modification of convec-tive clouds for purpose of prevention of damage by infil G.K. Sullavefider, N.Sh. Bibliashvili, V. F. Lapcheva, Trady VGI no. 3-214-220 [66]

Permissible errors in shorting at half zones with "Pibrus-2" nonfragmental shells from 55-19 Artillery system M A Gusev. Trudy VGI no 31 227-230 166.

Possbile effectiveness of modification of low clouds (log) V S Kozharin - Frudy GGO no 186;104-112 '66

Results of Caucasian Espedition on Prevention of Damage by Hall, 1961 G.K Sularvelld, c and others. Trudy VGI no 3,231-210 '66.

Some Characteristics of precipitation in connection with clouds of various forms during May-June in northern Kazakhstan G. I Osipova Trudy GGO no 186 63-73 '66

Sources of moisture of artificial precipitation by inducing clouds. M. P. Leonov. Trudy UkrNIGM! on 53 117-124

Studying resources of artificial increase of precipitation from convection clouds in regions of insufficient humid-ity A. P. Chavaev Frudy GGO no 186 49-62 '66

WEATHER FORECASTING

(see also subdivision under Northern Hemisphere) Conjugation of 14,508 fields over Notthern Hemisphere and of temperature for ecasting over Soviet Union. kh, kh Rafarlova. Trudy TSIP no 154 44-40 '66.

Dynamics of long waves and long-range weather forecasting BR United Meteor rigidial no 12:30-36

Forecasting maximum quantity of rainfall in mountainous regions N. S. Shishkin Trudy 2GO no 186,38-43 '66

Porecasting mean monthly temperature in lower half of troposphere and at earth's surface M.V. Gritsenko, E.1. Tsopkanova. Trudy ISIP no 164 18-22 166.

Inerita of air temperature of U.S.S.R. in different periods of solar activity L.G. Borlsova, G.I. Turkenich Trudy TSIP no 154 23-33 466.

Method of forecasting of hall and shower, M.I. Glushkova. 1 addy VGI no. 3, 129-139 168 Polytropic properties of atmosphere, A.P. Nagurnyi. Trudy AANII 277 99-107 166

Possibility of using hydrometeorological elements of the summer period in for ecosting the frequency of the eastern circulation pattern in the fall E G Kovaley Probl Arkt no 771-77 b9.

Recurrence of some types of inveroprocesses and possibilities of forecasting them Z. L. Turketti. Trudy TSIP no. 154*101-115 *168

Scasonal circulation and monthly weather forecasting. B, R, Ur'eva Trudy TSIP no. 154 3-17 166.

Solving problems of weather forecasting based on example of barotropic equation of vortex speed L. I Brileva, K.E. Chernin Trudy AANII 277,93-98 466

Some problems in forecasting convective cloud cover by layer method. L. M. Lanteva, N. M. Mattbakhova. Trudy VOI no. 3 151-153 '66.

Verification of method of forecasting of that based on materials of Caucasian Expedition, 1961, V.A. Betentsova and others. Trudy VGI no. 3:140-142 [66.

WEATHER RESEARCH see subdivision under Lapley

WEATHERING

(see also subtivision under Cuba)

Some data on effect of secondary mineralization of elements in weathering surface of basic rocks, N.A. Lisitsyna, I.IU, Lubchenko, Lit, i pol. iskop, no. 6:117-122 N-D 168.

Change of the tension of warp during its delivery from the beam of the automatic loom. B. D. Efremov. Izv. vys, ucheb. zav , tekh, tekst, prom. no. 5.77-83 '66,

Manufacture of pleated fabrics, N.S. Korzinkin, Teksi, prom 26 no.12,32-34 D 466.

Uneven structure of the fabric due to the west. G.V. Pakhotnova, Izv. vys. ucheb, zav., tekh tekst, prom. no. 5;84-89 '66.

WEAVING--EQUIPMENT AND SUPPLIES see subdivision under Great Britain

WEED CONTROL see subdivision under Lithuania; Soviet Central Asia

WEEDS see subdivision under Volga-Akhtuba Floodplain

WEIGHT LIFTING

Periodization of training for weight lifters. A.S Medvedi v A V. Crerniak Teor I prak fiz sulft. 29 no 11 12-15 N 166,

WEIGHT THROWING

Tensiometry in light athletics. Teor. i pras. fiz. tult. 29 no 11 v4-66 % '66

WEINERT, ERICH, 1890-1953

Devekin, V.N. (Erich Weinert, a critical and biographical sketch) Erikh Vaincrt, Fritiko-biograficheskii ocherk. Moskva, Khudozh, lit-ra, 1965. 149 p. (MH)

WELDED ALUMINUM STRUCTURES

Transicise contraction of aluminum alloy sheet struc-tures A IA. Medoseka, G. P. Kozulin, V. P. Moiscenko, Avtom, svar. 19 no. 12 22-25 N [1 e.D] '66.

WELDED JOINTS-TESTING

Cold and pressure welding with high speeds of upsetting. 1,1 Shestakov. Avtom, svar 19 no. 12:34-36 N 11. + DI '66.

Effect of chemical composition of filler vises on the resistance of steel-alumnum weldments V.R Riabov, V.I. Humato a. Vytom s.ar. 19 no 12:17-21 N Lice DI '66

Properties of volded joints in heat-resistant stainless steel. M.M. Shtrikman. Avtom, svar. 19 no.12:9-12 N. [i.e. D] [G6.

Residual bending deformations arising deting welding and hard facing of flat parts L.N Kopetman Trudy LIVT no 82 71-80 '66

LIVT no 82 (1-80 %)

Hussia (U.S.S.H.) Gosadarstvennyi komitet po delam

strolle/isiva. [Standard specifications and estimates
for construction, assembly, and repair operations]

Edinye normy 1 rastsembl na strolle/mye, montazhnye 1 remonino-strolle/mye raboty. Mosiva,

Strolledat. Stroiledat.

Shornik 22. [Welding] Svarochnye raboty, 1966. 96 p.

WELDING-CONGRESSES

First All-Union Conference on Economics and Organization of Welding Operations. Mont a spets tab v stroi 28 no 12 27-28 D 466

WELDING-EQUIPMENT AND SUPPLIES

New method of wolding, E. Permiakov. Stroi i arkhit, Uzb 6 no 4 4 5 Ap 165

WELDING-STATISTICS

Improving statistical accounting in welding. Aviom. svar. 19 no.12,74 N [i.e. D] '66.

WELDING-TESTING

Calculated determination of deformations due to welding R.S Florov Prom zdan no 2 93-96 [6]

WELDING METALLURGY

[i.c.D] '66

Calculating diffusion in a two-phase medium with a moving phase boundary. V.I. Marhnenko. Avtom. svai. 19 no.121-5 N [i.e.D] '66 'ffect of chemical composition of filler wires on the resistance of steel-sluminum weldments, V.R.Riabov, V.I.IUmatova, Avtom, svar. 19 no 12:17-21 N

:LLS, HERBERT GEORGE, 1866-1946 dream and reality. G. Glegerman, Mol. komm. no. 4

Calculating radial systems of horizontal holes. G.A. Rezumov, Trudy Lab, inzh, gidi ogeol, VODGEO no 4 29-49 162,

Calculating rectilinear infinite series of wells. N.N. Verigin, Trudy Lah, inzh, gidrogeoi, VODGEO no. 4: 4-23 '62

Concerning the use of the method of flow reststances in calculations of contour systems of wells. V. M. calculations of contour systems of wells. V. M. Shestakov. Trudy Lab. Inzh. gidi ogeof VODGEO no. 4 24-28 162.

Problem of the flow of free ground water in a well with a weakly permeable confining layer S. T. Rybakova PMTF no. 3:113-116 My-Je '62.

WERNER, ALFRED, 1866-1919

Contennial of the birth of Alfred Werner Zhur, neong khim Il no 11 2425-2128 N '68

Reminiscence of work in Professor A, Werner's labora-tory V. I. Alieva (Tupitsyna). Zhur neorg, khim II no II 2676-2678 N 166

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Practice in studying the organizational and technical equipment of workers' stations in enterprises G,1 Kichigina, Izv, SO AN SSSR no. 9, Ser, obshchesty, nauk no. 3 53-57 '66.

WEST SIBERIAN PLAIN—FLOOD FORECASTING

Precalculation of hydrograph of apring flood of awampy i ivers in southern part of forest zone of West Siber ian Lowland D, A Burakov Meteor i gidrol no 12:42-

WEST SIBERIAN PLAIN—GAS, NATURAL—GEOLOGY

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WEST SIBERIAN PLAIN-MOOSE

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IUriov Biol i prom losta no 2:17-27 %5

WEST SIBERIAN PLAIN-MOSQUITOES-EXTERMINA-

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Possible relationship between structure of Pre-Juransic formations and distribution of oil and gas fields in West Siberian Plain V F. Nikonov, N V. Shablinskala, Geol i geofiz, no 9,131-137 '65

Using distribution curves of reflecting horizons in interpreting data of seramic prospecting in platformlike regions, as exemplified by West Siberian Plain Ri V. Vanpolin Neffegaz gool r geofir no. 12 23-25 '66

WEST SIBERIAN PLAIN—PLACER DEPOSITS

Complex itianium-heating placers in southwestern mar-gin of West Siberian Plain, S. N. Kaliuzhnata, V. D. Belousov Min. syr'e no 14:141-154 '66.

WEST SIDERIAN PLAIN—SEISMIC PROSPECTING

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west siberian plain—water, underground

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WHALERS

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WHEAT

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Cytology of the development of stomata in wheat, L. P.

-ytology of the development of stomata in wheat, L. P. Chellisova, Trudy Inst.gen. no. 26 123-127 162.

Effect of chronic gamma tradiction on wheat and barley plants in the year of tradiction. N N Kozhushko, Sbor, tud asp i mol nauch, sotr, VIR no. 2 310-317

Effect of succinic acid on phosphorus metabolism in germinating kernels of spring wheat, G. A. Kirillova, Biul Glav. bot. sada no. 63 86-89 '66.

Iron distribution in the course of germination of seeds and growth of wheat sprouts P. A. Kolesnikov, A. A. Mutus-kin. Biokhimita 28 no 2:216-223 Mr-Ap '63

Participation of reductages in reducing disulfide compounds in wheat flow N. I. Progkm fakov, 1. 5. Zuev. Biokhimila 28. no 24316-320 Mr - 4p. 163

Phases of organogenosis in wheat and their relation to the elements of productivity Z. A. Morozova. Trudy Inst. gen., no. 26.25-30.162

Production and procurement of durum and strong who also A Lisenkov Zembedelie 20 no 11 13-17 N 166

Some characteristics of the development of winter expr. A K.F. dolov Trudy Inst. gen no 26 5-11 +62.

Some characteristics of the transformation of non-wintering spring wheat into frost-resistant winter wheat O, 1, Lysenko Trudy Inst gen, no 26:12-17 162

WHEAT-DISEASE AND PEST RESISTANCE

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Dwarf bunt of winter wheat, T. I. Zakharova Short trud asp. 1 mol, nauch soti VIR no 2 298 : 900 16.

How we have protected winter wheat I. Medvedos at it, L'Ped'ko Zashch rast, Il no 12 27 '66

WHEAT-DROUGHT RESISTANCE

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Effect of mixed organic-mineral fertilizers on the greath and development of winter wheat O G. Scmemov, Inst, gen no 26 08-102 162,

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WHEAT-GENETIC RESEARCH

Chromosome number variation in progeny of 76-chromosome amphidiploids—M. P. TSarenia, IU, K. Rikolyskir Dokt AN ISSR 10 no. 10,400-802 O 166.

WHEAT-GRADING

Evaluating a collection of soft spring wheats according to the quality of gluten (by the method of Pelchenke). B. M. Cheremisov Shor, trud, ang. 1 mol, nauch not! VIR no 2 76-81 [61].

Principles and methods of determining the quality of wheat in breeding - B, M, Cheremisov, Shor Trud, dep.4 mol march, sotr, VIR no. 200-97 (6)

WHEAT-IRRIGATION

Field evaluation of Indian wheat varieties in irrigation and dry farming. G. B. Gogun. Shor trud, cop. 1 med panels out.VIR no. 2, 39-45, 161.

WHEAT-VARIETIES

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Characteristics of the amphidipholds Triffeum Timospheevi Zhuk, X. Tr. dutum Deaf, and Ti. acateum I. X. Ti. Timospheevi Zhuk, E. V. Tavrin. Shor, truif asp. i mol, match satr, VIR. no. 2-36-66, [61]

Early wheat varieties of various ecological groups, M. P. Aladova Shot, trud asp, i mol nauch soti VIII no. 2:17-26 [6].

Effect of the conditions of growing on the length of the vegetative period of soft wheat varieties. It A lide with the Shor, trud asp 1 mal, nauch note, VIR no. 2 55 78 '61

Evaluating a collection of note apring wheats according to the quality of gluten thy the method of Pelshankol B. M. Cheromisov, Shot trud map 1 mol nauch note. VIR no 2,76-61 [4]

New varieties of alrong wheat. Inform. blul. VIDIMIE no. 8'23 Ag '62.

WHEAT BREEDING

Inheritance of quantitative and qualitative characteria-ics in wheat hybrids. M M Venediktov. Shor trud-asp. i mol, nauch notr.VIR no. 2134-38 161

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Sexual and vegetative hybrids of the genus Triticum, I L Pel'tsikh, Sbor, irud, asp, i mel, nauch, setr.VIII no, 2:18-59 (61,

WHEAT-RYE HYBRIDS

Cytoembryology of remote hybrids. Report No.1:1 mb130-genesis in the crossing of durum wheat and :ye. V. I. Bannikova. Ukr. bot. 7 hur. 20 no.1:3-13 163

WHITE RUSSIA-ANOPLURA

Study of order Anophira in some mammals of White Russia, I. T. Arzanasov, M. N. Trukhan Doki. AN BSSR 10 no. 10;811-814 O '86.

WIITE RUSSIA—ASH (TREE)

Edaphic and phytoconotic classification of ash forests of the White Russian S. S. R. I. D. Hirkevich. Dokt AN BSSR 6 no. 9 583-595 S '62.

WHITE RUSSIA-BARLEY-DISCASES AND PESTS

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WHITE RUSSIA-CRIMINAL LAW

Shardyko, S.T., ed. [Commentaries to the Criminal Code of the White Russian S.S.R.] Kommentarii k ugolovnomu kodeksu Belousskoi SSR [By] 1 I.Gore-lik i dr. Minsk, Belarus', 1968 450 p

WHITE RUSSIA-DISORDERLY CONDUCT

We are continuing out the decisions of the party and the Soviet Government Sots zakon 43 no 12:9-12 D '66.

WHITE RUSSIA-ELECTRIC POWER PRODUCTION

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First find a tooth of Archidiskodon cf. meridionalis (Nesti) in Write Russia V V.Scheglova Dokl. AN PSSR 6 no 6:383-384 Je '62

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"Types of foct and poblems in the control of tick-borne encephalitie in White Russia Med.parar i parar.bol 32 no.2.205-207 Mr-Ap '63.

WHITE RUSSIA—GAS, NATURAL—GEOLOGY

hittut geologicheskikh nauk, Minsk. (Geology and pros-pects for finding oil and gas in the White Russian S.S.R.) Geologicheskoe stroenie I perspektivy neftegazonosnosti BSSR. Moskva, Nedra, 1966. 245 p.

WHITE RUSSIA—GAS DISTRIBUTION

Institut nauchno-tekhnicheskoi informatsii i propagandy, Minsk. [Experience in setting up gas supply systems in enterprises of the White Russian S.S.R.] Opyt naladki sistem gazosusbzhenila predpriistit Belorusskoi SSR. [By] A N.Gol'gor i dr. Minsk, 1964, 49 p [MICROFILM]

WHITE RUSSIA-GEOLOGY, STRATIGRAPHIC

Subsait terrigenous complet of Devouisn Retchitsa struc-ture A.S. Makhnach and others. Dokl AN BSSR 10 no 9:677-681 S '66

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Levin and others. Prom. Bel. 9 no. 12:12-13 D '66
Using the new system of management. G. L. Bulgakov,
L. I Vinogradov, V P Loktev. Prom. Bel. 9 no 12:
7-9 D '66

WITTE RUSSIA-RON ORES

Distribution of the tren group elements of sandy sediments in the southeastern part of the White Russian S. S. R. K. I. Lukushev, V. A. Kuznetsov. Dokl AN BSSR 6 no. 9:574-578 S '02.

WHITE RUSSIA-LOESS

Absorptive properties of toess in White Russia, K.I. Lukashev, 1. A. Dobrovol'skaia, Dokl. AN BSSR 6 no. 8:507-509 Ag '62,

WHITE RUBSIA-MACHINERY INDUSTRY-RELIABILITY Attention to quality and reliability. T.G. Semenova. Prom. Bel. 9 no. 12:55 D 156.

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WHITE RUSSIA—PETROLEUM GEOLOGY

Institut geologicheskikh unuk, Minsk [Geology and pros-pects for finding oil and gas in the White Russian S.S.R.] Geologicheskoe stroenie i perspektivy nefte-gazonosnosti BSSR Moskva, Nedia, 1966. 245 p

Subsalt terrigenous complex of Devenian Retchitsa structure A.S. Makhnach and others. Dokl AN BSSR 10 no 9,677-681 5 '86

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Distribution of the iron group elements of sandy sediments in the southeastern part of the White Russian S. S. R. K. I. Lukahev, V. A. Kuznetsov, Dokl AN RSSR 6 no. 9.574-578 S '62,

WHITE RUSSIA—SA PROPEL

Characteristics of formation of deposits of low-ash sapropels A. P. Pidopiichro, R. I. Barsukova, L. k. Karpova, Dokt AN BSSR 10 no. 10,771-773 O '66.

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WHITE RUSSIA-TECHNOLOGICAL INNOVATIONS Technological innovations. Prom. Bel, 9 no. 12:49-51 D '66

WHITE RUSSIA—TELECOMMUNICATION—EMPLOYEES

Organization of work in telecommunication enterprises in White Russia. M. E. Ostol'skata. Vest, sviazi 26 no 11 26-28 N '66.

WHITE RUSSIA—TICKS AS CARRIERS OF DISEASE

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WHITE RUSSIA-WATER, UNDERGROUND

Determination of the natural resources (renewall of underground waters under White Russian conditions, A. P. Laviov. Dokl, AN BSSR 6 no 9 579-582 S '62

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Introduction Trudy MADDI no 12:3-6 66. Introduction of genus Oncor hynchus salmon into Barents and White Seas I A Galkina Trudy MMBI no 12:192-202 *66

WHITE SEA—SEALS (ANIMALS)

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WHITEFISHES see subdivision under Baikal, Lake; Bol'shaya Rechka River (Buryat A S S R); Karelia; Khatanga River, Lena River, Siberia; Vilyay Valley; Yamai-Nenets National Area

WHITEFLIES-BIOLOGICAL CONTROL

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Dialcurodes citri as a post of subtropical persimmon. A M Sakharulidze, L E, Tavamatshviti, Subtrop. kul't no 3 100-105 '66

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Characteristics of whooping cough epidemiology under conditions of mass exceptation M. I. Khazanov and others Zhur mikrobiol. epid i kmmun 13 no 11:62others Z

WILD OATS

Facts of species formation in oats, G.N. Nedesheva, Trudy Inst. gen no. 26 18-24 '62. Use of avader and triollate against wild oats; (review of foreign literature) A S. Kozlov Khim v sel' khoz, i no 12 66-69 D '66

WILD RICE

Biology of the germination of seed and the possibilities of seed propagation of the wild rice Zirania latifolia Turez A. M. Ovesnov, G. A. Aristova Rast res. 2 Tutez no 4:556-561 '66

WILDLIFE CENSUS

Comparative evaluation of some methods of recording the number of small murine rodents A, V. Agafonov and others Trudy Gos nauch -tast. protivoclaum.inst. 16:259-268 '59,

WILLOWS see subdivision under Kiev

WILNO see Vilnius

WINCHES-TESTING

Effect of the sliding speed and rheological properties of a brake pair on the intensity of fixtion to see originating in the mechanical brake of a boring winch S.M. Tagiev, Za tekh, prog. 6 no 12,29-31 D 466

WIND PRESSURE

Determining the wind load on suspension roofs of a parabolic contour. K A, Bahaeva. Strot. i arkhit. Len. 25 no 9 27-28 S '63,

Wind stresses in multistory frame buildings. M. Shvekh-man, Stroi, i arkhit, Mosk 15 no 6 21-23 Je 166

WINDBREAKS, SHELTERBELTS, ETC. (see also subdivision under Virgin Territory) Effectiveness of shelterbelts V. Dvornikov Zemledelia 28 no 19:56-60 N '66.

Protective plantations at ound ponds. A Khramenok V Zhot ebtsov Zemledelie 28 no.11;61-62 N '6

WINDOW FITTINGS

Recent developments in the construction technique. Strot. i arkhit. Len. 25 no. 9-31 S '63.

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Windows

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WINDS

(see also subdivision under Caspian Sea region; Kuybyshev Reservoir, Pacific Ocean; Rybinsk Reservoir region)

Drift of small-scale inhomogeneities in Minnyy (Antaic-tic region) A A Kashin and others Geomag. I act no 8 1320-1122 N-D '66

Vertical drift of small-scale inhomogeneities of long-sphere ionization, V.I. Drobbbey Guornag 1 act., 6 no. 6 1122-1124 N-D 166.

Effect of mineral fertilizers on the yield of grapes and quality of winc. N.N Perov. A.N.IAts,ma., Agrokhimita no 12 43-47 D '66

WINE AND WINE MAKING

(see also subdivision under France, Ukraine)
Kataeva, A.A., and L.N. Mendel'son, [Purified enzymatic proparations of pectinase in whic production] Ochishchempe fermentnye proparaty pectinazy v vinodel'cheskom proferodetve. Moskva, TalNYIPishcheprom,
1965. 31 m.

(MICROFILM)

WINTER see subdivision under Azerbaijan

Free bending of a stretched whre rope, L. I. Zhukov, 1zv. vys. ucheb, zav., gor. zhur. 6 no. 5/107-118/63.

WIREDRAWING

New developments in research. V.V.Chukin and others, State 26 no i2 1152 D [38].

WIREDRAWING-SPECO

Conditions for steady drawing of steel whe at high specis M.S. Pasechnik, R.B. Krasil'shchibov, F.A. Chelintsova Stall ²6 no 12 1145-1147 D ¹66

WITCH RAZEL see aubdivision under Moscow

WITGENSTEIN, LUDWIG, 1889-1951

Two stages in the development of 1 udwig Witgenstein's subjective idealism. V. V. Plehushkov Vest Mosk un. Ser. 8; Filos, 21 no. 3,73-83 My-Je '66,

WOLLASTONITE see subdivision under lizbekislan

WOMEN-EMPLOYMENT and subdivision under Krasnoyarak Territory

WOMEN AS SURGEONS

You were expected to come, Antoninal S. Elentra. Mol. Norm., no. 3:58-60 Mi 181.

WOMEN IN AERONAUTICS

The eky calls us, too M Chechneva and others Kryl rod 17 no 9:13 S '56

WOMEN POETS see Poets, Women

WOOD-CHEMISTRY

Conference on the exchange of experience in the wood chemistry industry. B L. Smolfakov Gidroftz 1 lesokhim. prom. 19 no. 8:28-30 '56.

Decomposition of spruce wood with a dichlorocthane note ton of hydrogen chloride V. P. Kovalev Shor trud, UkrNIB no 772-83 '66,

Improving the production of colophony by the extraction process A.A. Kiveley, E. B. Bogdanov, Gidroliz, i leachtim, prom. 15 no 4:23-25 102

Operation of a furnace-generator, V. G. Gerasimov, V. P. Belov. Gidroliz, i lesokhim pront. 19 no. 8-27-28 166

Use of wood wastes for the production of power and chemicals. S I. Golovnov, M.S. Zaretskin, V.I Kortakin, Gidioliz, i leyothim, grom. 15 no. 4 3-4 402

WOOD-DEFECTS

Woredennik, D.G. [Ways for the automation of deter-mining wood defects by examining them with gamma and X rays] Puti aviomatizateil oprocelenia porokov desteshy metodom prosvechtvanila gamma i rentgon-luchami, Kirov [Volgo-Viatskoe knizhnoe izd-vo] 1965. Я1 р.

[MICROFILM]

WOOD-DRYING

Orying ground wood in a pulsating air flow, A.Z. Leikin, Der. prom. 15 no.12:6-7 D 198.

WOOD-TESTING

Russia (U.S.S.R.) Cosudarstvennyt komitet standartov, mer i izmeritei nykh priborov. Wood; methods of testing Drevosina; metody ispytanti, GOST 11483-65--GOST 11489-65, Izd. ofitsiatinos, Moskva, [Izd-vo Standartov] 1966, 187 p. (SSSR. Gosudarstvennye standartov)

WOOD-TOXICOLOGY

Poisonous voods A 1, I Atsenko-Khmelevskii. N A Baldalina Rasties 2 no 1962-576 188

WOOD, COMPRESSED

Calculating the concentrations in the distillation of ternary and binary accordingle mixtures VN Karlov Gidroltz, 1 lesokhim prom 15 no 113-15 152

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WOOD FINISHING

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Medvedev, M.E., V.F.Pavlov, and T.V.Kolokolova

[Finishing fut uffure parts with polyester variashes and chamels] Oldelka detated meboli policifraymi lakami i emaliami. Moskva, Tšenti, nauchno-issi in-t informatsi i tekhniko-ckon issiedovanti po lesnol, tseliturana-huma donavoola alatveatushelda, panyehl lozno-bamazhnot, derevoobi abatyvalushchet, i omyshl. t tesnomu kijoz., 1905. 39 p. (Derevoobi naotaa) [MICROFILM]

WOOD FINISHING-EQUIPMENT AND SUPPLIES

Centerless polishing machine, V.1, Sulinov Der, prom 15 no 12 22 D 166,

WOOD-USING INDUSTRIES

Improve the organization of scientific research work in the woodworking industry. Der prom. 15 no 121-2 D *66.

WOOD-USING INDUSTRIES-ACCOUNTING

Improve the accounting for raw materials in the hydrolysis industry 1 I knowledge, A I knowledge Gldroltz i lesekhim, prom 15 no 126-27 62

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WOOD WASTE

Use of wood wasies for the production of power and chemicals. S I Golovinov, M S. Zaretskii, V I, Kurtiskii, Gldroliz i lesokhim, prom. 15 no 1:3-1:42.

Woodwork waste is a valuable raw material. A U Zhelezko. Prom Bel 9 no i2 45-46 D 166

WOODPULP

Cleaning of rot firewood reduced to pulp. B. IU. Vorobeichik, O. I. Ponomatev, Trudy VNIIB no. 51,224-232

Method for the regulation of the reaction time in the process of multiple-stage bleathing of woodpulp R I Sosnovakii, L. E. Gur'evich Trudy VNIIB no. 51,146-155 185.

Methods for determining the cooking degree of pulp, V. P. Kovalev, O. N. IUrchenko. Burn, 1 der. prom ro, 3/19-23 J1-5 '69'

Stepped bleaching of woodputp with the use of chlorine di-oxide and peroxides F.P. Komarov Bum prom 37 no. 13-5 Ap 462

Suittle mothed for the manufacture of chemical weedpulp A.S.Rossol Bum prom 37 no 45-9 $\Delta\mu$ 192

Use of scintillation radiometry for the study of the udeorption of electrolytes on cellulosic materials. T. D. Khripunova, V I. IU. lav. Trudy VNIIB no. 51:

Use of scintillation radiometry for the study of the adeorption of electrolytes on cellulosic materials Z. IV. Chereiskii, T. E. Khripunova, D. G. Fielshman, Trudy VNHB no. 51;76-84 465,

WOODPULP-PIEZOELECTRIC PROPERTIES

Recont data on symmetry of piezoelectric properties of wood pulp V. A. Bazhenov, A. V. Kytmanov, Kristsliografila 11 no 6:927-928 N-D 168,

WOODPULP-SPECTRA

Study of woodpulp structure by infrared spectroscopy. M.D. Inshakov and others. Trudy VNIIB no 61:98-104

WOODPULP INDUSTRY

(see also subdivision under Kherson Province; Kotlas, Archangel Province)

Fundamental regularities of the process of biological oxidation of the sewage of the woodpulp industry in air tanks. M. A. Cvilevich, Trudy VNIB no. 51:43-62 '65.

Method for the regulation of the process of alkaline treatment of woodpulp V G. Lrunchak, R I Sosnovskii Trudy VNIIB no 51156-159 165

Micro-organisms of activated studge purifying the sewage of the woodpulp industry M. A. Lomova, Trudy VNHB no 51 63-75, 465,

On the road for the speeding-up of technological progress
B P Krainov Buin prom 37 no 4 20-71 Ap 162

Programmed control of the process of heating caper stock in hollanders, N. M. I Mishovskii. Bum 1 der, prom. no. 3:10-14. Jl-S. 162.

Smoltanitskii, B.Z. [Manual for the operators of directions in sulfate pulp production] Posoble varshchiku sultatiselfiutoznogo profevodstva. Moskva, Lesnala promyshl., 1966. 223 p.

WOODPULP INDUSTRY-BY-PRODUCTS

Increasing the recovery yield of selenium A.F. Minici. L.P. Wingkind Bum prom 37 no 4 19 Ap 452

WOODPULP INDUSTRY-COSTS

I conomics of the production of hemicellulose -1 , r Rakuts, V S Sominskii Burn prom 37 no 4 27 29 Ap $^{-1}62$

WOODPULP INDUSTRY—EQUIPMENT AND SUPPLAYS

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Mathematical description of the grinding process in various types of grinders P. P. Dobrovoltskill Trusty VNIB no 51475-201 665

Mathematical description of the production of cooking liquor with soluble alkalis in packed towers. V P. Pottov, V. M. Phiashberg. Trudy VNIIB no 51123 131

Mathematical models of theproduction of cooking liquor with the use of mixed alkalis in packed lowers. V. M Eliashberg, V. P. Patrov. Trudy VNIIB no 51:131-145

WOODWORK

Cutting profile surfaces, A.P. Shapovalov. Bum. i der prom no 3:29-31 J1-S :62

WOODWORKING INDUSTRIES (see also subdivision under Ukraine)

Factors affecting the economic effectiveness of the distribution of the enterprises of the sawmilling and woodworking industries. V. V Glotov Der. prom. 15 no. 12 13-15 D 166.

WOODWORKING INDUSTRIES-ACCOUNTING

WOODWORKING INDUSTRIES—ACCOUNTING

Glotoy, V. V. [Accounting for related production and inferenangeability in calculating the economic efficiency of manufacturing lumbering industry products! Uchet smezhnykh protzvodstv i vzaimozamentaemest! pri raschete ekonomichesko effektivnosti izgotovienka produktsti lesnoi promyshlemosti. Mogkvo, TSentv. nauchno-issl. h-t informatsii i tekintko-ekon, issle.lo-vanii po lesnot, teblindozno-bumazhnoi, dorevochrabatyvaiushchet promyshl. i lesnomu khoz., 1965, 47 p. (Lesoekspluatatsita)

[MICROFILM]

Sankmilo, G.M. [Economic analysis of the production and managerial operations of woodworking industry enterprises [Ekonomicheskii analiz protzvodstvenno-khoziaistvennoi deiatel nosti dei evonbrabatyvatushchikh predpriiatti Moskva, Lesnaia promyshlemost', 1966.

WOODWORKING MACHINERY (see also subdivision under Duopiopetrovsk)

Automatic line with programmed control of the adjustants of the 'UkrNIIMOD-3" machines. G. N. Kossavskii, R. I. Efimenko, M. P. St. izhevskii, Bum. i der prom. no. 3;3-7 Ji-8 '62.

Automatic multipurpose AShchK milling machine. [;,h, Vol'der. Leh.mom. to.2,18-28 As-Je 162.

Modernizing a bending press. L. f. Diakon, Burn. I der. prom. no. 3:48 Jl-S '62.

WOODWORKING MACHINERY .-- NOISE

Diminishing the noise of milling machines, V.F. Mezer, O.K. Kovtun Der. prom 15 no. 12:9-10 D 166.

WOODY PLANTS-FROST RESISTANCE see subdivision under Tiflis; White Russia

WOOL—TESTING

Automatic OSh hydrautic apparatus. O, O, Shetelart, M. IA, Diuzhyan, Leh. prom., no. 2:3-5 Ap-5e '62.

WOOLEN AND WORSTED MANUFACTURE

External mass transfer during air convective drying of woolen-spun woolen fabrics on a perforated sutface V.G. Kolotflov, V.M. Korolev, L. L. Dobrosei day ly vys. ucheb. zav. tekh. tekst.prom. no 5:124-129 155,

Use of tabbit hair in the manufacture of head scarls.

1. B. Frenkel!, Leh. prom. no. 3:28-30 Ap-ln '62

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WORLD WAR, 1909, 1945 PERSONAL RARRATIVES

Dirichin, P.A., [Action of prest trivits, diarlen, lettern] God, Allisita lepyt mil, daevalli, pla'mi. [Modeva, accessit pt. dof', lend [147 p.

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117- All wast faile of the feet. Vinite into 6 and 11,

WORLD WAR, 1907-1915 - PC-LORIAL WORKS

[13] Creat fest, a placeful only Volldi poolify folesthour 4 , 4 p. 60 - 25 oksa, Polity day, 1960 - 15 - (chiefts

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WORLD WAR, 1930-1945 PROPAGARDA

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WOUNDS THEATMENT

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X RAY CRYSTALLOGRAPHY CONGRESSES

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X-RAY DIFFRACTION EXAMINATION

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- That I is quantitative V-ray analysis of chalcopyrite in compaction to Lorest I A Budbook Olog and 11 no 3 36-41 360.
- Stull and plastic deformation or terallium single crystals under compression V \ Findel', I I Papiro G F Fithinskii | 112 t cr teln 8 no 7 2002-2007 Jl '66
- Une of "-ray diffractometry in constructing fineth curves of crystallication, as examplified by salenium and then analysis. K. P. Manadow, Z. D. Jaracca. Rost tist. 5, 327-350, 655

X-RAY SPECTROSCOPY

- Di-tribution and density of dislocations in hent and anmailed callium assende and indium animonide crystals E. V. Malifors, R. L. Petruscrith, E. S. Sellertinskara kristallografina, 11 no 6, 396-392, V.-D. 166. Reliespection opic study of the molecule F2NC-CDHF
- 1 \ Julhtaro Doll AN \zerb SSR 18 no 4 7-9 182
- Studying 5 and 400 their structure by emission and absorption spectra in region of ultrasort N-radiation O \ Fishov A P Lubirskii Fiz tver tela 8 no 7-2137-2142 Ji 166

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- Filect of picroelectric oscillations of crystal larbice on untensity of parsing X-ray beam Part 1 PA Bestiguian V 1 to underhand Izv M Arm SSR Fiz 1 no 3 147-155 '66
- X RAYS-EFFECT ON PLANTS see Plants, Effect of X ays on

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- Dependence of X-ray duft action pattern of fibrous ma-Peruganian RI 4 Rapian Izv. AN Arm SSR Ciz no 3 193-116 '66
- X-113 diffunction in clongated three-dimensional structures (fibrous substances) P. A Bezirganian IU A. Rapian Izv AN Arm SSR Fiz 1 no 4 237-247 '66

X RAYS-INDUSTRIAL APPLICATIONS

Verctennik, D.G. [Ways for the automation of deter-mining wood defects by examining them with gamma and X rays | Puti avtomatizatsii opi edelenila porokov dru esiny metodom prosvechtvanila gamma i renigen-luchami. Kinov [Volgo-Viatskoe knirhnoe izd-vo] 1965.

[MICROFILM]

X RAYS-PHYSIOLOGICAL EFFECT

- Bicillin-1 and health-3 in experimental staphylodorma in irradiated rabbits N. L. Solomin Antiblotiki II no. 11 10 31-10 36 N. '66
- Change in the reaction of irradiated animals to the injection of mecamine. G.N Malygina Vop radiobiol 4 392-399 '61,
- Changes in sulfavdryl group content in extremity fissues of a colords following inhibition of their regentrative capacity by N-ray irradiation and its restoration, N A Teplits, P P, kilina, Dokl, AN SSSR 171 no.5 1209-1212 D 106
- Combined effect of A and light tays on the relina. B. P. Kalashnikov Vop. radiobiot. 4:76-85 '61.
- Content of free amino acids adjacent to tricarbovylic acid cycle in brum following X-ray irradiation. A T Pikufev, I I Dovgolevich Doki AN BSSR 10 no. 10: 789-791 O 166.
- Development of radiation injury in the mucous membrane of the small intestine of mice and its regeneration under conditions of starvation N.F. Gronskala. Vop. radio-biol. 4,208-221 161.
- Disturbance of lymphopolesis in a denorvated spleen following total-body irradiation S. N. Aleksandrov, E. A. Protudina, Z. B. Tokaiskala. Vop radiobiol.
- Effect of adrenatine and dibenamine on the blood pressure in anumais irradiated with X rays. A V. Lazovskaia. Vop. radiobiol. 4,86-92 '61.
- Effect of anovia during and after it radiation on radiation damage of lymphocytes L.B, Smu nova Radiobiologita 6 no 6,826-832 '66
- Effect of cystamine on changes in white blood of dogs following sublethal X-ray irradiation O. K. Makhalova.
 A. S. Mozzhukhin, V. I. Bertash Radiobiologica 6 no 8.
- Effect of 8-azaguanine on nucleic acid content in organs of in adiated rate V.I. Svatkov Ukr blokhim zhur of irradiated rate V. 38 no 6 599-601 '66.
- Effect of fonizing radiation on animal sensitivity to lethal blood loss. V.F. Cherkesov. Vap radioblol. 4:165-171 '61.

- Friect of ionizing indiation on bacterial metabolism IA, L. Shekhiman I A Zanin Radiobiologiia 6 no 5:666-670 166
- Fifert of ionizing radiation on properties of monomolecuthere is non-zing radiation on properties of monomore that crystalline myosfun layers and character is is so of gelatination of its solutions. A R Fgiazarova, K Sh Nadareishvili, M M Zaalishvili. Radiobiologim 6 no 5-70-775 [66]
- Effect of ionizing radiation on the peripheral nervous system. A. V Lazovskaia. Vop radioblol. 1.68-15 161
- Effect of ovidation and phosphorylation processes disturbance on sensitivity of irradiated animals to micro-hial tokins PN biscley VN Sweltseva Radiobio hial toxins P N Fiscley V N Sixer (seva Radiobio-logia 6 no 5 763-765 466
- rifect of radiation on the development of the mammar; glands in pregnant animais. G.S. Strelin, I V Shiffer. Vop. radiobiol. 4 199-207 161.
- Effect of the total-body fractional X-ray irradiation on the processes of absorption of radioactive phosphorus by the hard tooth tissues of white rats. IU, A Fedorov Vop radiobiol 1:189-198 [61,
- Effect of total-hody X-ray ittadiation on the resultation frogs, Z I Shitova, Vop. of the gastrocnemius in radiobiol, | 132-139 |61,
- Effect of whole-body X-ray neadlation on heme bios, nthesis in vitro by hemolysates of childrenythrocytes T. V. kazueva – Radiobiologija 6 no 6:817-818 '66
- Effect of whole-body X-ray itradiation on unidirediphosphoglacose system of glycogen synthesis in marrow cells V N Filippova, L I Soldatenkova, Radiobiologlia 6 no 6:804-806 66
- Effect of X-1 my irradiation on biosynthesis processes and decay of phosphoric esters of vitatinin B1 I.V Savitikii, NF Leus Radiobiologiia 6 no 6 807-811 '66
- Effect of X-1 by irradiation on high nervous activity in dogs treated with various vitamins, B I, Shal'nev Radiobiologiia 6 no 5 760-763 '66
- Effect of X rays on sensitivity of Paramecium caudatum to metabolic inhibitors N.E.Rovaleva TSitologiia 8 no 5 629-638 S-O 166
- Excretion and biogenibesis of ascadouriding and themidine following it indiation A 5, Kosenko, N A Fedorov Radiobiologia 6 no 5 682-886 '66
- Importance of the hypophysia in the reaction of the neceleration of cholesterol synthesis in response to irradiation, K A. Trettiakova, Blochimita 27 no. 5; 801-801 S-O '62
- Intermolecular reactions in thermal inactivation of Irradiated trypsin solutions V.N Luzikov, T.V Trosh-kına Radiobiologila 6 no 5 611-645 '66
- Mechanism of the disturbance of oxidative phosphorylatic processes in experimental triadiation. L V. Mytareva Yop. radiobtol. 4:172-178 *61.
- Metabolism of iron-containing substances in animal organs following total-body X-ray it radiation, S.C. Manollov, Shen! Van!-mei [Shen Wen-mei], E.I.Shcherban'. Vop, i adiobiol, 1:181-188 (61,
- Rate of propagation of ultrasonic oscillations in the blood. I R. IEvdokymov. Dop. AN URSR no. 7 927-929 *63
- Reaction of irradiated animals to the intravenous injection of some pharmacological substances O. A. Brinkhanov. Vop. : adiobiol. 4 93-98 '61.
- Reaction of neuromuscular synapses of irradiated animals to the injection of diplacin, radiobiol | 1 352-357 61 G.N. Malygian. Vop
- Results of a prolonged observation on dogs exposed to an intensive local fractional X-ray irradiation. A. I. Strashinin, Vop. 1 adiobioi, 1:322-331 61.
- Role of local and indirect action of total X-ray is radiation on the mjury of ovaries in mice, O N. Petrova, Trudy Inst gen no 26:180-188 '62,
- Sensonal changes in proteolytic activity of rat liver (pH 7. 4) and penetrating radiation effect on this index IU P Druzhinin Radiobiologija 6 no 6:417-920 '66.
- Significance of integral absorbed dose on seriousness of radiation damage of the organism V V. Kliotin Radiobiologita 6' no 6:833-836 '66
- Some pharmacological effects of novocnine in irradiated animals A.V. Lazovskaia, Vop. radiobiol, 4.358-364 461,
- Thymus gland in animals of different age following X-ray trradiation in relatively small doses, V. V kholin. Vop. 1 adiobiol. 4:19-24 161,
- Vasopressor activity and histochemical characteristics of poster for Tobe of hypophysis in normal and it radiated tats E.R. Bagramian, S. IU. Babadzhanova Radio-biologija 6 no. 5 758-759 166

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X RAYS—THERA PEUTIC USE

- Chacul therapy during vulvectomy to prevent metastasis, G. A. Obraztsova. Klin, onk, no. 1 52-55 '65.
- Indirect roentgenotherapy of plantar warts. A. L., Geller, Z. S. Kritsman. Vest. derm. i ven. no. 12:66-68 '62.

- Methodology and technique of Chroul therapy in the com-pound treat most of "inited" turnors of the sally it, glands M A Moskalenko Klim onk no 1 ili 5t 6.5
- K-ray therapy of primary surcoma in the small intestine, L.M. Savinykh Med rad 7 no. 6 17-40 Apr 46

XANTHINE OXIDASE

Yanthine exidase in blood of new-born infants and in venous and retroplacental blood of mothers. 1 K venous and retroplacental blood of mothers -1 K Gurskals – Dokl AN BSSR 10 no 9:101-105 5 % K

XENOLITHS see subdivision under Azerbaijan

- Second Scientific Conference on Plectrography (A.B. Dravin), Zhur nauch i prikl fot i kin 160 Mr-Ap 162
- Selemum-tellurium electrophotographic layers is t Gremshin, 1U, A, Cherkasov Zhur, nauch i pritt fid r km 7 no 2 121-127 Mr-Ap 162

XEROGRAPHY-EQUIPMENT AND SUPPLIES

Determining the sensitivity of electrophotographic inter-I Z. Plavina Zhan nauen i prikl fot I kin 115-146 Mt -Ap '62,

XYLENOL

- Condensation products of campione with 2, 3-3, 4-and 3, 5-vylenels. G. I. Moldovanskata, L. A. Khellitta, Q. P. R'ina. Trudy VNHSNDV no 1-46-51 165,
- Synthesis of new odorous substances from condennation products of complience with sylenois [G, I Molday at skala, L, A, Kheifits, G, P, II inc. Trudy VNIISMOV no 7 51-5 1 '65.

YACHTS AND YACHTING

Measurement of modern cruising and racing sachts
D A Kulpatov Sudostroente 28 no 12:40-12 D 9,2

YAKUTIA---CALCITE

Epigenetic calcite in Sakukanak rocka in Olekma-Vitim mountainous country, L V. Travin Lit i pol fakep, no. 6-131-131 N-D '68.

VAKIPPIA....DIA MONDS

Geological interpretation of a vT regional magnetic (i) in the diamond-bearing regions of western Yokuti :
A. I. Loshchakov Geol i geoffa. no. 11,122-127 461,

YAKUTIA-DRAINAGE

Methods for the melioration of farm lands in a can ϵt permafrost, A.A. Bogushevskii, Gide, I mel 15 11112 14-23 n t68

YAKUTIA-GAS WELL LOGGING, RADIATION

Using neutron gamma-ray method for detecting gas reservoirs in fields of Yakutia V. P Bratash, R. M. Zhokhova, V.V. Zabelin Neftegaz geol i geofiz no. 12 19-22 460

YAKUTIA-MAGNETISM, TERRESTRIAL

Geological interpretation of a AT regional magnetic field in the diamond-bearing regions of western Yakutta A. I. Loshchakov. Geok i geofiz. no. 11:122-177 h3

YAKUTIA-REINDEER-DISEASES AND PUSTS Diagnosis of Johns's disease in reinders, V. A. Polikas, pov. Veterinaria, 13 no. 11:29-12 N '66,

YAKUTSK UNIVERSITY-ENTRANCE REQUIREMENTS

Afanas'ev, V. F., and I. M. Briukhanov. [Yakutek State University; handbook for admission] IAkutekii gogudirsivennyi universitet, sprayochuk diin postupalushchikk, IAkutsk, IAkutskoe knizhnoe izd-yo, 1965, 59 p. [MICROFILM]

YALTA—CAB AND OMNIBUS SERVICE—FINANCE

Credit relations of the State Bank with automative transportation units, Z. Vulitskii, Den. 1 kred 21 no. 12 56 58 D 166.

YAMAL-NENETS NATIONAL AREA—WHITEFISHES

Materials on morphology of Coregonus masus (Pallas) in lakes of central Yamat, A.S. IAkovieva, frudy Inst. biol. UFAN SSSR no. 49:47-53 466.

YAMAL PENINSULA-ARCTIC FOXES AS CARRIERS OF

Epizootiology and epidemiology of alventur echinoceccosis in the Yamai Peninsula A. D. Luzhkov. Med. paraz i paraz bol 32 no 2:180-183 Mi -Ap '63

YAMAL PENINSULA-LUNGS-HYDATIDS

Epizootiology and epidemiology of alveolar echinococcesis in the Yamal Peninsula A.D. Luzhkov Med paraz i paraz, bol. 32 no. 2:180-183 Mr-Ap 163.

YAMAL PENINSULA---MOLLUSKS

Some data on mollusks of Yamai and Taz Peningulae, I. M. Khokhutkin, Trudy Inst. biol. UFAN SSSR no. 40 65-66 '66,

YARN

- Evaluating the quality of limiting yain by the point method V V, Kuzimichev, Z V kopkova liekst prom 25 no 12 54-56 D $^{+}66$
- Interuniversity scientific technological conference on the manufacture of high-bulk threads and yarns V A Usca-to Fekst prom 26 no 12 72-73 D 166.
- Structure and properties of complex varns produced by the method of periodic reinforcement, P. P. Trykov, A. M. Murzina. Izv vys ucheb, zav tekh tekst, prom no 5 18-23 '66
- Study of the structural uneveness of yarn N.I. Ratiani. lzv vys, ucheb zav., tekh tekst prom no 513-17 160
- Theoretical uneveness of yorn, S. F. Privalov, N. I. Timovtsev fav vys. ucheb zav ,tekh tekst prom no 5 65-69 '66

YAROSLAVL PROVINCE-AMERIASIS

Ameliasis in Yaroslavi Province, M.V. Fedorova Med. paraz, i paraz hol 31 no 5.567-570 S-O 162.

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Possibility of the existence of lingering malarial foci in the alpine areas of the western Pamirs V.V.Vysots-kii. Med. paraz, 1 paraz, bol. 31 no 5.581-583 S-O

YEAST

- Change in the thermostability and thequency of chromosome abertations in yeasts as a result of the adaptation to high and low temperatures 1, A. Zakharov Mikrobiologita 31 no. 5 853-856 S-O 62.
- Comparative study of some physiological-biochemical chi acteristics of Candida tobusts and species of the Saccharomycus genus. V.I. Kudi laytsey and others. Mikrobiologia. ii no 54778-781-3-O 62.
- Determining asmotic pressure in a yeast cell 7, P. Shishkovi, U.IA Smidt Gidroliz i leskhim, prom Shishkovi, U. no 8 4-6 '06
- Effect of intermediate throttling on the thickening of the yeast concentrate in the nozzle Z B, Kristall Gidroltz I lesokhum prom. 15 no 410-12 162
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- Ergosterol production by fodder yeast, E. M. Dikenskaia and others. Prikl blokhim, i mikrobiol. 2 no. 6 635and others F 639 N-D 166
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- Proparative procedure for obtaining on iched preparations of aminoacyl-IRNA-synthetases from baker's yeast M. N. Ovander, L. S. Sandakhehlev, Bickhimila 31 no 6-1121-1126 N-D '66
- Stimulation of tryptophan accumulation in fodder yeast by anth antilic acid, I I, Kareva, Z, S Kagan, V, L, Kretovich, Prikl, biokhim, i mikrobiol, 2 no. 6 625-631 N-D 666 Prikl, biokhim, i mikrobiol. 2 no. 6 625-

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- Obtaining fodder yeast from the wastes of groats production. M S. Dudkin, V. E. Starichkova. Gidroliz i lesekhim prom. 15 no. 4 7-10 182.
- Production of fodder yeast on molasses stillage with the use of the Candida arborea culture, M. IA, Putnynia, M. E. Beker. Spirt, prom. 28 no. 5;12-13 '62,
- Selecting machines and equipment for farm yeast produc-tion, P. V. Andreev. Zap. LSRIII 96:288-293 '65,

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YENISEY VALLEY-METAMORPHISM (GEOLOGY)

Pyrometallingy in endocontact zones of traprock intru-sions in Tungusha syncelise. IU. S. Krakovskii Biul MOIP, Old. gcol. 41 no.4351-152 Jl-Ag '66

YENISEY VALLEY-ROCKS, IGNEOUS

Personetallings in endocontact romes of trap rock intra-sions in Tunguska synethise IU, S. Krakovskii Biul MOIP Otd.gcol. II no 4:151-152 JI-Ag '66.

YEREVAN see Erivan

YEVLAKII (AZERBAIJAN) -- PAPEHBOARD

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Our calendar, Mol. komm, no. 4-77-80 Ap (61,

YOUTH-EMPLOYMENT

Youth came to the plant, M. Buchkin, Sov. profsouzy 22 no 2123 D 466

YOUTH-INFORMATION SERVICES

"Salurday of the young," an Oral newspaper, G.IArke-vich, Mol roman, no.3:73-75 Mr. '61,

YOUTH IN LITERATURE

New generation is shown on the motion-picture screen, G. Pondopalo. Mol komm, no. 11 118-128 N '6'

We shall never forget the heroes of this play, V. Mak-stmenko, O Sposskii, Mol. komm no. 3 119-119 Mi '61,

YITRIUM BORIDES

Characteristics of vacuum, metallurgy for producing and certain properties of yttrium and gadoliulum borid R. M. Menelis and others. Porosh met. 6 no 11 77-84 N '66.

YTTRIUM FERRATES

Echo pulses in from yttrium garnet. F.V. Lisovskii, iA A Monosov Pist, vicd, Zhur eksper i teoret, fiz 5 no.1.3-6 Ja '67.

Radiative capture of fast neutrons by Y⁸⁹ isotope, V. A. Tolstikov and others Atom, energ. 21 no 6 506-507

YUGOSLAVIA—BIBLIOGRAPHY

[New Rierature on Yugoslavia] Nov. Ht. po IUg. no. 9/10-12 '66,

YUGOSLAVIA--CHILDREN

Nadia studies. Bane Djuricic. Semila i shkola 21 no. 11:57 N *68.

YUGOSLAVIA-CITIES AND TOWNS

The economy of and social relations in the city of Shradin according to its charter. B.I. Borzunov, V.V Zakharov Vop.ist. slav. no. 2 82-87 '66.

YUGOSLAVIA --- DECORATION AND ORNAMENT

Creative quests of Yugoslav "monumentalists," L. Akimova, Iskuastvo 29 no. 11:60-64 '66,

VUGOSLAVIA---DESCRIPTION AND TRAVEL

The people and their problems; letters from Yugoslavia. N. Sergeeva, I. Trollmova, Nov. vrem. 25 no. 4:8-11 Ja '67.

YUGOSLAVIA—HISTORY

- An evaluation of social and economic changes in the second haif of the 14th century in Serbia, Maccdonia, and Zeta, E. P. Naumov, Vop 1st. slav. no. 2 101-109 186.
- The problem of zhupas and the Zhupans. V. P. Grachev, Vop. ist. slav. no. 2.88-100 '66.

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YUGOSLAVIA-MERCHANTS

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YUGOSLAVIA-MURAL PAINTING AND DECORATION Ancient Yugoslav frescocs, S. IAmshelukov, Ishusstvo 29 no. il 70-72 GG.

YUGOSLAVIA-WORLD WAR, 1939-1945-UNDER-GROUND MOVEMENTS

Born of the struggle against fascism I Shinkarev Voen -ist vian 8 no 12-H3-H7 D '66

YUR'YEV-POL'SKIY (VLADIMIR PROVINCE)--SCULP-

"The Supplication of Daniel the Exile" - the sculpture of the St. George Cathedral - "The Word of the Doxnfall of the Russian and "G. K. Vagnet Frudy ODRI 22, 15-36 [50]

YUZHNO-SAKHALINSK---ART GALLERIES AND MUSEUMS

Sakhalinskii oblasinoi kracvedcheskii muzel, [Brief gulde-book for visitors to the Sakhalin Province Museum of Regional Studies | Kratkli sprayochnik dlia posetitella. [IUzhno-Sakhalinsk, Dal'nevostochnoe knizhnoe izd-vo] 1966. 25 p.

YUZHNO-SAKHALINSK---CONCRETE PLANTS---DESIGN AND CONSTRUCTION

Raicd capacity surpassed, V. Simonov, G. I elekov, Na. Stroi. Ros. 7 no. 11:11 N '86,

ZABOLOTNYI, DANIIL KIRILLOVICH, 1867-1929

Bilai, V.I. [Life dedicated to people; on the centenary of the birth of Academician D.K. Zabolotnyi] Zhyttia, viddane lindiam; do 100-1 ichchia z dnia narodzhennia akademika D.K. Zabolotnoho. Kyiv, Naukova dumka, 1986. 79 p. (Naukovo-populiarna literatura)

in Memory of Academician Danlii kirillovich Zabolotnyi; the 100th anniversary of his blith biol visur, 28 no. 6 3-10 (66, V. l. Bilal. Mikro-

ZACHEPILOVKA OIL FIELD-PETROLEUM GEOLOGY

Characteristics of the reservoir rocks of the Carboniferous sediments of the Zachepilovia oli field. A M. Sinichho. Neft. I gaz. prom. no. 1;6-10 Ja -M: 463.

ZAKATALY REGION (AZERBALIAN)-LAND TENURE Onligatory redemption of allocated lands in the Zakataly I, A. Talybzade Dokl AN \zerb 55R 18 no 1-103-106 162

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ZAPOROZIPYE-STEEL, STAINLESS-PICKLING

Studying pickling of Khi8NiOT steel sheets depending upon conditions of the heating for hardening. A. N. Poikker and others Stat' 26 no 12:1135-1137 D '66

ZAPOROZH'YE PROVINCE-BOOKSTORES

Culture and technological aesthetics, V. Sergienko, Knizh torg 17 no. 12.16-18 D 166,

ZAPOROZH'YE PROVINCE-FALLOWING

Soil moisture on various types of fallows in Zaporozh've Province V M Beilis. Sbortrud asp i moi nauch sotr ViR no. 2 333-330 '61.

ZAPOROZIPYE PROVINCE—HARVESTING

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ZAPOROZHYE PROVINCE—RADIO JOURNALISM

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ZAPOROZH'YE PROVINCE—SOIL MOISTURE

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Plarin, B.A., and V.A.TSera, [Pyrophosphato-ammonium electrolyte for zinc plating] Pirotostatno-ammoniuvyi elektrolit tsinkovaniia, Riga, Latvilskii respubl.in-t nauchno-tekhn, informatsii i ny nopagandy, 1960. 14 p., (Listok tekhnicheskoi informatsii; "Khimicheskaia promyshlennost")

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Volume 20, No. 2

May 1967

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INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS* is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included.

The MONTHLY INDEX consists of three parts. Part A lists monographic literature, but no accessions published earlier than 1954 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes accessions printed earlier than 1954. Tables of contents in English translation are provided for most periodicals listed. Certain Soviet periodicals are being translated into English from cover to cover and published regularly in translation in the United States and other English-speaking countries. A list of such translated periodicals, their publishers, subscription prices, etc., is given at the end of each issue of the Monthly Index. In Part B such periodicals are indicated by an asterisk before the periodical title.

Part C provides subject analysis of the monographic titles listed in Part A and of the articles appearing in the periodicals enumerated in the List of Pcriodicals Indexed and Abbreviations Used at the beginning of Part C. The number and letter in parentheses following each abbreviation indicate the class and subclass in which the periodical appears in Part B. For the convenience of readers desiring to examine only monographs or periodical articles, the monographs are printed in slightly heavier type than the periodical articles. The titles of monographs are given both in the original language and in English translation, whereas titles of periodical articles are given in English translation only.

Sample title: Some data on lung-to-heart reflexes in amphibians. A. E. Alekseev. Biul. eksp. biol. i med. 54 no. 12: 18-22 D '62.

Explanation: An article with title given above in English translation, written by A. E. Alekseev, will be found in the December 1962 issue of Biulleten' eksperimental'noi biologii i meditsiny, vol. 54, no. 12, pages 18-22.

A cumulative list of periodicals included in the current volume appears in number 12 of that volume. This list is arranged by subject; the symbols of American libraries other than the Library of Congress, known to have files of such periodicals, follow each title.

Except in Part C, the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols representing other libraries indicate when items are available in those libraries. Curves () around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

Cumulative author, subject, and periodical location indexes to the first four volumes of the MONTHLY INDEX are available as separate publications. Beginning with Volume 5, an author index to the monographs, and a periodical location index for the entire volume are furnished as appendices to the first two issues of the following volume.

Orders for microfilm or photostat copies of the listed items that are in the collections of the Library of Congress may be placed with the Photoduplication Service, Library of Congress, Washington, D. C. 20540

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^{*} Volumes 1-10 (No. 9), 1948-1957, issued under title Monthly List of Russian Accessions.

SYMBOLS OF LIBRARIES REPORTING RECEIPT OF PUBLICATIONS

AAP	Auburn University, Auburn, Ala,	CaOOU	University of Ottawa, Ottawa, Canada
AMAU	Air University Library, Maxwell Air Force	CaOTM	Library, Meteorological Branch, Air Services,
	Base, Montgomery, Ala.		Dept. of Transport, Toronto, Canada
\mathbf{AU}	University of Alabama, University	CaOTR	Royal Canadian Institute, Toronto, Canada.
AkU	University of Alaska Library, College	0011	(Collection included with CaOTU)
AzTeS		CaOTRM	
	Arizona State College, Tempe	Caulkm	Royal Ontario Museum, Zoology and Paleon-
AzU	University of Arizona, Tucson		tology Library, Toronto, Canada
C	California State Library, Sacramento	C α O T U	University of Toronto, Toronto, Canada
CBPac	Pacific School of Religion, Berkeley	CaOWA.	Assumption University Library, Windsor,
CCC	Honnold Library, Claremont, Calif.		Canada
ČFŠ	Fresno State College, Fresno, Calif.	CaOW(U	University of Waterloo Library, Waterloo,
	Los Angeles Dublic Library	CRO II (C	Canada
CL	Los Angeles Public Library	CACITAT	
CLCM	Los Angeles County Museum Library, Los	CaQMAI	Arctic Institute of North America, Montreal,
	Angeles	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	Canada
\mathbf{CLL}	Los Angeles County Law Library, Los Angeles	CaQMBM	Bibliothèque de la Ville de Montréal, Collection
CLM	Los Angeles County Medical Association,		Gagnon, Montreal, Canada
	Los Angeles	CaQMM	McGill University, Montreal, Canada
CLSU		CaQMP	Pulp and Paper Research Institute of Canada,
	University of Southern California, Los Angeles	O	Montant Consta
CLSU-II	- Hancock Library of Biology	CaOMIT	Montreal, Canada
\mathbf{CLU}	University of California at Los Angeles	CaQMU	La Bibliothèque de l'Université de Montréal,
CMthL	University of California, Lick Observatory,		Montreal, Canada
	Mount Hamilton	CaSSU	University of Saskatchewan, Saskatoon,
CPT	California Institute of Technology, Pasadena		Canada
ČŠf		CoBBS	U. S. National Bureau of Standards, Boulder
	San Francisco Public Library	00222,5	Tahanatawiaa Calanada
CSfA	California Academy of Sciences, San Fran-	CI-CIA	Laboratories, Colorado
	cisco	ÇoÇA	U. S. Air Force Academy, Colorado Springs
CSfU	University of San Francisco, San Francisco	CoD	Denver Public Library
CSmH	Henry E. Huntington Library, San Marino,	CoDM	Medical Society of the City and County of
Op.	Calif.		Denver
CSt		CoFS	Colorado State University, Fort Collins
	Stanford University Libraries, Stanford, Calif.	CoU	
CSt-H	-The Hoover Institution on War, Revolution,		University of Colorado, Boulder
	and Peace	CtHT	Trinity College, Hartford, Conn.
CSt-L	Lane Medical Library	<u>CtN</u> le	Connecticut College, New London, Conn.
CStbS	University of California, Santa Barbara	CtU	University of Connecticut, Storrs
	Library, Goleta	CtW	Wesleyan University, Middletown, Conn.
CStmoR	Rand Corporation, Santa Monica, Calif.	CtY	Yale University, New Haven
		CtY-L	— Law Library
ČÑ '	University of California, Berkeley	ČtŶ-M	
CU-A	- University of California, Davis	DAIA	- Medical School Library
CU-B	- Bancroft Library, Berkeley	DAIA	American Institute of Architects Library,
CU-E	- East Asiatic Library, Berkeley		Washington, D. C.
$\overline{\overline{CU}}$ - $\overline{\overline{L}}$	- Law Library, Berkeley	DAL	U. S. Army Library, Pentagon Building
ČŬ-M	- Medical Center, San Francisco	DAU	American University Library, Washington,
CU-Riv		-	D. C.
CO-INI	- College of Arts, Letters and Science, River-	DBC	
	side	DBS	U. S. Bureau of the Census Library
CU-S	- Scripps Institution of Oceanography,		U. S. National Bureau of Standards Library
	La Jolla	DC	U. S. Department of Commerce Library
CaAEU	University of Alberta, Edmonton, Canada	DCU	Catholic University of America Library,
CaBVa	Vancouver Public Library, Vancouver, Canada		Washington, D. C.
CaByaU	University of British Columbia, Vancouver,	DDC	Dominican House of Studies, Immaculate Con-
Canyao			ception Convent Library, Washington, D. C.
~ ~~~	Canada	DDO	Dumbastan Aska Deservat Tibuasi of Hannast
CaBViPA	Provincial Archives, Victoria, Canada	טעע	Dumbarton Oaks Research Library of Harvard
CaMWM	Medical Library of the University of Manitoba,	- m	University, Washington, D. C.
	Winnipeg, Canada	\mathbf{DFR}	Board of Governors of the Federal Reserve
Canbru	University of New Brunswick, Fredericton,		System
~~~	Canada	DGC	Gallaudet College Library, Washington, D. C.
O- MOUD	Dalhousie University, Halifax, Canada	DĞW	George Washington University Library, Wash-
Cansiid		27 (11)	
CaOKQ	Queen's University, Kingston, Canada	157773337	ington, D. C.
CaOL	London Public Library, London, Canada	DHEW	U.S. Department of Health, Education, and
CaOLU	University of Western Ontario, London, Canada		Welfare Library
CaOOA	Public Archives Library, Ottawa, Canada	DHHF	U. S. Housing and Home Finance Agency
CaOOAg	Department of Agriculture, Main Library,		Library
OHOULE	Ottawa, Canada	DI	U. S. Department of the Interior Library
d-0000	Carleton College Ottown Canada	DÎ-GS	- Geological Survey Library
ÇaQQÇC	Carleton College, Ottawa, Canada	DM	If C Design of Mines Tiles of Alberta Inte
CaOOF	Department of Finance Library, Ottawa,	DM	U. S. Bureau of Mines Library. (Library inte-
	Canada		grated with DI)
CaOOG	Geological Survey of Canada, Ottawa, Canada	DN	U. S. Department of the Navy Library.
CaOOGB	Geographical Branch, Department of Mines	DN-HO	- Naval Oceanographic Office Library
w	and Technical Surveys, Ottawa, Canada	DN-Ob	Naval Observatory Library
Conne	Tahanatany of Hugiana Ottowa Canada	DN-RL	Naval Research Laboratory Library, Anacostia
CaOOH	Laboratory of Hygiene, Ottawa, Canada	~~ 4 1 1043	Station, Washington, D. C.
CaOOM	Bureau of Mines Library, Ottawa, Canada	TABLE T	National Aministrual Tileser
CaOON	National Research Council, Ottawa, Canada	DNAL	National Agricultural Library
CaOONDR	Library. Directorate of Scientific Information	DNIH	National Institutes of Health Library,
•			T1 _4/s 3 _ R/F 3
	Service, Defence Research Board, Ottawa.		Bethesda, Md.
	Service, Defence Research Board, Ottawa,	DNLM	
CaCONM	Service, Defence Research Board, Ottawa, Canada	DNLM DNW	U. S. National Library of Medicine
CaOONM CaOOS	Service, Defence Research Board, Ottawa,	DNLM DNW	

DP	U. S. Patent Office Library	MCM	Massachusetts Institute of Technology,
DS	U. S. Department of State Library	MII	Cambridge, Mass. Harvard University, Cambridge, Mass.
DSC	Scottish Rite Supreme Council Library, Washington, D. C.	MH MH–A	Arnold Arhoretum, Jamaica t'iain
DSI	Smithsonian Institution Library, Washington,	MH-AH	- Andover-Harvard Theological Semmary
_	D. C.		Library  — Blue Hill Meteorological Observatory,
DSI-AO	- Astrophysical Laboratory Library	MH-BH	Milton, Mass.
DSI-E DSI-M	— Bureau of American Ethnology Library — National Museum Library	MH-BL	- Biological Laboratories Library
DWB	U. S. Weather Bureau Library	MH-C	Chemistry Library
DeU	University of Delaware, Newark	MH-F	— Farlow Reference Library — Fogg Art Museum Library
FMU	University of Miami, Coral Gables, Fla.	MH-FA MH-G	- Gary Herbarium Library
FTaSU FU	Florida State University, Tallahassee University of Florida, Gainesville	MH-GM	Gordon McKay Library
GASC	Georgia State College, Atlanta	мн-нү	- Harvard-Yenching Institute (Chinese-
GAT	Georgia Institute of Technology, Atlanta	MH-L	Japanese Library) Law School Library
GEU GU	Emory University, Atlanta	MH-M	-Schools of Medicine, Public Health and
HU	University of Georgia, Athens University of Hawail, Honolulu		Dental Medicine, Boston
HU-EWC	Center for Cultural and Technical Interchange	MH-Mi MH-O	— Mineralogical Library — Astronomical Observatory, the Phillips
•	between East and West	MIN-O	Library
I IArg	Illinois State Library, Springfield Argonne National Laboratory, Argonne, Ill.	MH-P	Peabody Museum Library
iC	Chicago Public Library	MH-PR	— Physics Research Library — Graduate School of Design Library
ICA	Art Institute of Chicago, Chicago	MH-SD MH-Z	- Museum of Comparative Zoology Library
ICAC	American College of Surgeons Library,	MMeT	Tufts University, Medford, Mass.
ICF	Chicago Chicago Natural History Museum, Chicago	MNS	Smith College, Northampton, Mass.
ICJ	John Crerar Library, Chicago	MShM MU	Mount Holyoke College, South Hadley, Mass. University of Massachusetts, Amherst
ICN	Newberry Library, Chicago	MWalB	Brandeis University, Waltham, Mass.
ICRL	Center for Research Library, Chicago. Mid- west Interlibrary Center	MWelC	Wellesley College, Wellesley, Mass.
ICU	University of Chicago, Chicago	MWhB	Marine Biological Laboratory, Woods Hole,
ICU-Y	Yerkes Observatory, Williams Bay, Wis.	MdAN	Mass. U. S. Naval Academy, Annapolis
ICarbS IEN	Southern Illinois University, Carbondale	MdBJ	Johns Hopkins University, Baltimore
IEN-C	Northwestern University, Evanston, Ill.  — Joseph Schaffner Library of Commerce,	MdBJ-W	- William H. Welch Medical Library
	Chicago	MdBWA MdU	Walters Art Gallery, Baltimore University of Maryland, College Park
IEN-M	- Medical School Library, Chicago	MeB	Bowdoin College, Brunswick, Maine
IHi	Illinois State Historical Library, Springfield	MeWC	Colby College, Waterville, Maine
IU IU-M	University of Illinois, Urbana — Medical Sciences Library, Chicago	MiD	Detroit Public Library
IaAS	Iowa State University of Science and Tech-	MiDA MiDW	Detroit Institute of Arts Wayne State University, Detroit
	nology, Ames	MiEM	Michigan State University, East Lansing
IaU IaU-L	State University of Iowa, Iowa City	MiMidD	Dow Chemical Company, Midland, Mich.
IdNTS	College of Law Library National Reactor Testing Station, Technical	MiU MiU-C	University of Michigan, Ann Arbor
MITTE	Library, Phillips Petroleum Company, Idaho	MiU-L	- Law Library
	Falls, Idaho	MiWar	General Motors Corporation, Research Labora-
ign	University of Idaho, Moscow Indiana State Library, Indianapolis	GMR MnNC	tories Division, Warren, Mich. Carleton College, Northfield, Minn.
In In <b>I A</b>	Indiana Academy of Science Library, Indian-	MnRM	Mayo Clinic and Foundation Library, Roch-
	apolis	1131121112	ester, Minn.
InLP	Purdue University, Lafayette, Ind.	MnSJ	James Jerome Hill Reference Library, St. Paul
InNd InU	University of Notre Dame, Notre Dame, Ind. Indiana University, Bloomington	MnU MnU-A	University of Minnesota, Minneapolis  — Department of Agriculture Library, St. Paul
KAS	St. Benedict's College, Atchison, Kan.	MnU-B	- Bio-Medical Library
KMK	Kansas State University, Manhattan	MnU-L	— Law Library
KU KU~L	University of Kansas, Lawrence	MoFC MoKL	Central College, Fayette, Mo.
KU-L KU-M	— School of Law Library — Medical Center Library, Kansas City	MoRM	Linda Hall Library, Kansas City University of Missouri School of Mines and
KyU	University of Kentucky, Lexington	11000112	Metallurgy, Rolla
LNHT	Howard-Tilton Memorial Library of Tulane	MoS	St. Louis Public Library
LU	University, New Orleans, La. Louisiana State University, Baton Rouge	MoSB MoSU	Missouri Botanical Garden, St. Louis St. Louis University, St. Louis
MA	Amherst College, Amherst, Mass.	MoSW	Washington University, St. Louis
MB	Boston Public Library	MoSW-M	- Medical School Library
MBA	American Academy of the Arts and Sciences,	MoU	University of Missouri, Columbia
MBAt	Boston Boston Athenaeum, Boston	MsSM MsU	Mississippi State University, State College University of Mississippi, Oxford
MBCo	Countway Library of Medicine (Harvard-	MtBC	Montana State College, Bozeman
	Boston Medical Libraries)	MtU	Montana State University, Missoula
MBM MDN	Boston Medical Library, Boston	N NAurW	New York State Library, Albany
MBN MBU	Boston Society of Natural History, Boston Boston University	NAUF W NB	Wells College, Aurora, New York Brooklyn Public Library
MBdAF	U. S. Air Force Cambridge Research Center,	NBB	Brooklyn Museum Libraries, Brooklyn
	Bedford, Mass.	NBC	Brooklyn College, Brooklyn

NBG NBM	Brooklyn Botanic Garden, Brooklyn Library, Brooklyn Library,	NjN NjP NjPT	Newark Public Library, Newark, N. J. Princeton University, Princeton, N. J. Princeton Theological Seminary, Princeton,
NBSU-M	State University of New York, College of Medicine Downstate Medical Center Library, Brooklyn	NjR Nm <b>U</b> pU	N. J. Rutgers University, New Brunswick, N. J. New Mexico State University of Agriculture,
NBrouSL NBuB	Sarah Lawrence College, Bronxville, N. Y. Buffalo Society of Natural Sciences, Buffalo	NvU	Engineering and Science, University Park University of Nevada, Reno
NBuU NCH	University of Buffalo, Buffalo Hamilton College, Clinton, N. Y.	O OAkU	Ohio State Library, Columbus University of Akron, Akron, Ohio
NCorniC	Corning Glass Works Library, Corning, N. Y.	och	Hebrew Union College, Cincinnati
NCsC	Carnegie Institution, Department of Genetics.	OCLloyd OCU	Lloyd Library and Museum, Cincinnati University of Cincinnati, Cincinnati
NIC	Cold Spring Harbor, N. Y. Cornell University, Ithaca, N. Y.	oci	Cleveland Public Library
NIC-A	- State Colleges of Agriculture and Home	OCIBHS	Benedictine High School, Cleveland
NN	Economics New York Public Library	OCICS OCIJC	Case Institute of Technology, Cleveland John Carroll University, Cleveland
NNA	American Geographical Society, New York	OCIM	Cleveland Medical Library
NNBG	New York Botanical Garden, Bronx Park,	OCIMA OCIW	Cleveland Museum of Art Western Reserve University, Cleveland
NNC	New York Columbia University, New York	OCoB	Battelle Memorial Institute, Columbus
NNC-L	— Law Library	opw	Ohio Wesleyan University, Delaware, Ohio
NNC-M NNC-T	— Medical Library — Teachers College Library	OHi OKentC	Ohio State Historical Society, Columbus Kent State University, Kent, Ohio
NNCC	Chemists' Club, New York	00	Oberlin College, Oberlin, Ohio
NNCoCi	College of the City of New York, New York	OOxM OSte	Miami University, Oxford, Ohio Carnegie Library, Steubenville, Ohio
NNCorM	Cornell University Medical College Library, New York	ou	Ohio State University, Columbus
NNE	Engineering Societies Library, New York	OUCA	Chemical Abstracts, Ohio State University,
NNF NNIS	Fordham University, New York Library for Intercultural Studies, New York	OkS	Columbus Oklahoma State University, Stillwater
NNJ	Jewish Theological Seminary of America, New	$\mathbf{OkU}$	University of Oklahoma, Norman
NNM	York American Museum of Natural History,	OrCS OrPR	Oregon State University, Corvallis Reed College, Portland, Ore.
TATATA	New York	OrU	University of Oregon, Eugene
NNMM	Metropolitan Museum of Art Library, New	P PBL	Pennsylvania State Library, Harrisburg Lehigh University, Bethlehem, Pa.
NNNAM	York New York Academy of Medicine, New York	PBm	Bryn Mawr College, Bryn Mawr, Pa.
NNPH-O	Institute of Ophthalmology, Presbyterian Hos-	PHC PLF	Haverford College, Haverford, Pa. Franklin and Marshall College, Lancaster, Pa.
NNR	pital, New York Russell Sage Foundation, College of the City of New York	PLatS	Saint Vincent College and Archabbey Libraries, Latrobe, Pa.
NNRI	Rockefeller Institute for Medical Research,	PP PPAN	Free Library of Philadelphia Academy of Natural Sciences, Philadelphia
NNU	New York New York University Libraries, New York	<b>PPAmP</b>	American Philosophical Society, Philadelphia
NNU-H	- University Heights Library	PPBC	Philadelphia Bibliographical Center and Union Library Catalogue
NNU-M	- Bellevue Medical Center Libraries (Includes Neuropsychiatric Library)	PPC	College of Physicians of Philadelphia
NNU-W	- Washington Square Library	PPDrop	Dropsic College for Hebrew and Cognate Learning, Philadelphia
NNUN	United Nations Library, New York	PPF	Franklin Institute, Philadelphia
NPV NRE	Vassar College, Poughkeepsie, N. Y. Eastman Kodak Company, Rochester, N. Y.	PPLas	La Salle College, Philadelphia
NRU	University of Rochester, Rochester, N. Y.	PPPM PPT	Philadelphia Museum of Art Temple University, Philadelphia
NSyU NUpB	Syracuse University, Syracuse, N. Y. U. S. Brookhaven National Laboratory, Upton,	PPŪC	Union Library Catalogue of the Philadelphia
-	N. Y.	PPWI	Metropolitan Area, Philadelphia Wistar Institute of Anatomy and Biology,
NYBT	Boyce Thompson Institute for Plant Research,		Philadelphia
NYhI	Yonkers, N. Y. International Business Machines Corporation,	PPi PPiCI	Carnegie Library of Pittsburgh, Pittsburgh Carnegie Institute of Technology, Pittsburgh
	Thomas J. Watson Research Center, York-	PPiU	University of Pittsburgh, Pittsburgh
NbU	town Heights, New York University of Nebraska, Lincoln	PRosC	Rosemont College, Rosemont, Pa.
NcD	Duke University, Durham, N. C.	$_{\mathrm{PSt}}^{\mathrm{PSC}}$	Swarthmore College, Swarthmore, Pa. Pennsylvania State University, University
NcGW	Woman's College of the University of North		Park
NcRS	Carolina, Greensboro North Carolina State College of Agriculture	PU PUBZ	University of Pennsylvania, Philadelphia — Botany-Zoology Library
	and Engineering, Raleigh	PU-El	- Moore School of Electrical Engineering
NcU NcU-H	University of North Carolina, Chapel Hill — Division of Health Affairs. (North Carolina	PU-FA	Library — School of Fine Arts Library
	Memorial Hospital)	PU-Math	Mathematics-Physics Library
NdU	University of North Dakota, Grand Forks New Hampshire State Library, Concord	PU-Mu PU-Penn	— University Museum Library — Penniman Library of Education
Nh NhD	Dartmouth College, Hanover, N. II.	PU-Sc	- Towne Scientific School Library
NhU	University of New Hampshire, Durham	RPB	Brown, University, Providence, R. I.
NjI NjMuA	Irvington Free Public Library, Irvington, N. J. Air Reduction Company, inc., Central Research	RU SeU	University of Rhode Island, Kingston University of South Carolina, Columbia
-	Department Library, Murray Hill	ŤĊŬ	University of Chattanooga, Chattanooga,
NiMuB	Bell Telephone Laboratories, Murray Hill, N. J.		Tenn,

TNJ	Joint University Libraries (Vanderbilt University, George Peabody College for Teachers,	UU ViBlbV	University of Utah, Salt Lake City Virginia Polytechnic Institute, Blacksburg
TOU	and Scarritt College), Nashville, Tenn. Oak Ridge Associated Universities, Oak	ViRM ViU	Medical College of Virginia, Richmond University of Virginia, Charlottesville
CO T ?	Ridge, Tenn.	ViU-L	— Law Library
TU	University of Tennessee, Knoxville	ViW	College of William and Mary, Williamsburg
TxCM	Agricultural and Mechanical College of Texas,	VtMiM	Middlebury College, Middlebury, Vt.
	College Station	VtU	University of Vermont and State Agricultural
TxDaM	Southern Methodist University, Dallas		College, Burlington
TxHR	Rice Institute, Houston	WAP	Institute of Paper Chemistry, Appleton
TxLT	Texas Technological College, Lubbock	WHi	State Historical Society of Wisconsin, Madison
TxU	University of Texas, Austin	WÜ	University of Wisconsin, Madison
ÜLA	Utah State University of Agriculture and Ap-		
ULIA	oran prace oursersity of Agriculture and Ap-	WaU	University of Washington, Seattle
	plied Science, Logan	WvU	West Virginia University, Morgantown
UPB	Brigham Young University, Provo, Utah	WyU	Wyoming University, Laramie
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## 1. GENERAL

- BOL'SHAIA SOVETSKAIA ENTSIKLOPEDIIA. [1966 yearbook of the Great Soviet Encyclopedia] Ezhogodnik 1966. Vyp. 10 Red kollegija B.A. Vvedenski i dr. [Moskva] Sovetskaja entsiklopedija [1966] 627 p
- EESTI NSV TEADUSTE AKADEFMIA. [The Academy of Sciences of the Estonian S.S.R., 1956-1964] Eesti NSV Teaduste Akadeemia aastail 1956-1964. Tallinn, 1965 307 p {In Catonian}
- [I WANT TO KNOW FVERYTHING!] Khochu vse znat'! Leningi ad, Detskaia lit-ra, 1966. 320 p.
- [LITHUANIAN ENCYCLOPEDIA] Lietuviu encykłopedija, [Boston] Lietuviu Enciklopedijos Leidykla, [In Lithuanian]
  Vol. 35. Z Zvirzdys, [c1966] 494 p.
- ROSTOVSKII GOSUDARSTVENNYI UNIVERSITET, [Scholarly studies of 1963, series in the humanilies] Nauchnye soobshchenila za 1963 god, seriia gumanitarnykh nauk, [Rostov-na-Donn] 1964, 139 p.

## 2. BIBLIOGRAPHY

- AL'TSHUL', G. N. [Organization and technique of selling beoks] Organizatsiia i lekhnika torgovil knigami, Izd. 2., ispr. i dep. Moskva, Kniga, 1965–235 p. (NNC)
- BERSONS, I. [Riches do not come themselves; on reading fiction] Begatiba pati neatnak, parruna par literaturas lasisanu, Riga, Liesma, 1966. 65 p. [In Latvian]
- GAZETY 1 ZHURNALY SSR NA 1967 GOD. Newspapers and magazines of the USSR for 1967. Moscow, V/O Mezhdunarodnain kniga [n, d.] 138 p. [in 5 languages]
- INTERNATIONAL FEDERATION FOR DOCUMENTATION. [Universal documal classification for building and architecture and for associated branches of science and technology] Universal nata destatichmata klassifikatsila po stroitel sivu i arkhitekture i smezhnym otrasilam mauki i tekhniki (MFD 397). Moskva, Tsinis, 1965. 161 p.
- KNIZHNAIA PALATA TADZHIKSKOI SSR. [The press of the Tajik S. S.R., 1959-1963, statistical materials] Pechat' Tadzhikskoi SSR, 1959-1963; statisticheskie materialy. Dushanbe, 1964. 61 p. (MII)
- KOMAROVA, A.7., and N. V. SAFONOVA. [For the public distributor of books, a short reference hook] Obshchestvennomu rasprostranitellu knigi, kraikli spravochnik. Moskva, Kniga, 1985. 78 p.
- MOSCOW. TSENTRAL'NAIA NAUCHNAIA SEL'SKOKHO-ZIAISTVENNAIA BIBLIOTEKA. [Union index of bibliographic lists and card catalogs compiled by libraries of the Soviet Union in 1965; agricultura] Svodnyl ukazetal' bibliograficheskikh spiskov i kartechek, sostavlennykh bibliotekami Sovetskogo Soluzna v 1965 godu, sel'skoe khoziaistvo. Moskva, 1966, 78 p.
- MOTIASHOV, I. P. (The upbringing of the citizen; new books for children) Vospitanie grazhdanina, o novykh knigakh dita detet. Moskva, Znanie, 1967, 61 p. (Novoo v zhizni, nauke, tekhnike. VI Seriia: Literatura, no. 2)
- MIKANCHIKOVA, E.A., and A.L.POPOVA. [Technology of offset printing] Tekhnologita of setnot pechati, Moskva, Kuiga, 1966. 476 p.
- SHAPOSHNIKOV, S.f. [Stereotype] Stereotipiia. Moskva, Kniga, 1966. 191 p.

TURKMENSKAIA GOSUDARSTVENNAIA DIBLIOTEKA, [The Turkmen S. S. R., a beacon light of socialism and communism in the East] Turkmenistan SSR-1-gundogarda sotsializmin ve kommunizmin malaklarynyn biridir, edebifatlary i hodurleizhi spisok. Duzen Ashir Seldov, Red. Zhuma Seitnylazov, Ashgabat, 1961. 51 p. [In Turkmen]

## 3. PHILOSOPHY & RELIGION

- AMSIMOV, A. F. [Stages in the development of primitive religion] Etapy razvitita pervobytnoi religii. Moskva, Nauka, 1967. 160 p.
- ARDENTOV, B.P. [Thought and language] Mysl' i lazyk. Kishinev, Kartia Moldoveniaske, 1965. 85 p.
- ASMUS, V.F. [A historical study of the problem of intuition in philosophy and mathematics, from the 17th through the carty 20th century] Problems intuitistive filosofit matematike, ocherki istorii XVII-machalo XX v. 2 Lzd. Moskva, Mysl', 1965. 311 p
- AVERKHI, Bp. [A guide to homiletics] Rukovodstve po gomiletikle, Jordanville, N.Y. Holy Trinity Monastery, 1961, 110 p. (NIC)
- BERZIN, E.O. [Catholic Church in Southeast Asia] Katelicheskala tsorkov' v IUgo-Vostochnol Azii. Moskva, Nauka, 1966. 319 p.
- BOSENKO, V. A [Dialectic as a theory of development] Dialektika kak teorita razvitita, [Kiev] Izd-vo Kicvskogo univ , 1966, 246 p.
- [DICTIONARY OF PHILOSOPHY] Pilosoofia leksikon, Tallinn, Eesti Raamat, 1965. 402 p. [In Estonian]
- EKISININ, P.P. [Significance of A. V. Lunacharskii in the development of Marxist-Lenhaist acethetics during the Soviet period, 1917-1933. Author's abstract of a dissertation for the degree of Canddate of Philosophical Sciences] Rol' A. V. Lunacharskogo v razvitil markslistsko-leniaskot estetiki sovetskogo perioda (1917-1933 gg.). Avtoreferat dissertation asolskanie uchenoi stepeni kandidata filosofskikh nauk. Moskva, Mysi', 1965. 15 p.

## [MICROFILM]

- HRUSHCHEVS'KYI, MYKHAILO. Z istorii religiinoi dumky na Ukralisi. From the history of religious thought in Ukraline. 2. udoskonalene vyd. Winnipeg, Ukrainian Eyangelical Alliance of North America, 1962, 160 p. (C U)
- IAROSHEVSKII, M.G. [History of psychology] Istoriia psikhologii. Moskva, Mysl', 1086. 565 p.
- ILARION, Metropolitan of Winnipeg and all Canada [Pro-Christian bellefs of the Ukrainian people; a monograph on the history of religion] Dokhrystians'st viruvannia ukrains'scho narodu, istorychno-1 eligiina monoga afiia. Winnipeg, Nakladom vydavnycho Komisii pry Tovarystvi "Volyn'," 1985. 424 p. (Volynilian, no.14) (OCU)
- KAUSHANSKII, P. L. [Ideology and activity of Christian sects] Ideologita i deiatel'nost' khristianskikh sekt. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1965. 107 p. (InU)
- KLIMOVICH, L.I. [Knowledge vanquishes; some problems in the criticism of Islam] Znanie pobezhdaet; nekotorye voprosy kritiki Islama. Moskva, Znanie, 1907. 61 p. (Noyoe v zhizu), nauke, tekhnike. XII Serifa; Estestveznanie i religija, no. 2)
- KOSIDOWSKI, ZENON. [Biblical) legends Translated from the Polish] Bibleiskie skazanila Moskva, Politizdat, 1966. 455 p

- LENTSMAN, IA.A. [Computing the Gospels] Statevangellia. Moskva, Politizdat, 1967. 189 p.
- LIKHODEEV, L. 1. [The price of being move i] T umilenia [Moskva] Molodaia gvandiia, 1967
- LURIIA, A.R., and L.S. TSVETKOVA. [Neuropsycon and analysis of problem solving; disorders of the process of problem solving in local lesions of the anit Neiropsikhologicheskii analiz reshenita zadach, narushente professan reshenita zadach pri lokal'nykh por achenitakh mozga. Moskva, Prosveshchenie, 1968. 289 p.
- MITROKHIN, L.N. [Baptists] Baptizm, Moskva izdat, 1966. 263 p. (Biblioteka "Soviemennye
- NARSKII, I.S. [Philosophy of David Hume] Filosc Davida IUma. [Moskva] Izd-vo Mosk. univ., It 355 p.
- NIKOLAEV, I., L. SMIRNOV, and I. TURCHANINC [Initial principle of the theory of knowledge] lek printsip teorif poznantia. Tashkont, "Uzbokisti 1966. 50p. (CSI-H)
- [OLD BELIEVERS' CHURCH CALENDAR FOR 1861 cated to the 200th auniversary of the foundation Loksa Community] Stateobiladcheskii Tserkow kalendar' ia 1906 gcd, posvinsichacista 269-teti osnovanila Leksinskogo obslicherhitel'siva. VII Vysshii Stateobi iadcheskii Sovet v Litovskoi SSI [1965] 161 p.
- OLESHCHUK, F.N. [Lenin and scientific athelist] ganda [Lenin i naukovo-atelstychmi propaganda Vyd-vo polit lit-ry ukralny, 1965. 60 p. (CaOTU)
- POSNOV, M. E. [History of the Christian church, t separation of churches in 1054] Istorita khristian tsorkvi, do razdelenila tsorkvei 1054 g. Firussel Izd-vo "Zhizh" s Bogom, "1964. 614 p. (PTaSU)
- REBANF, JAAN. [Social characteristics of cognition Tunnetuse uhiskondlikusi isoloomust, Talliun, F Raamat, 1987. 125 p. [In Estonian]
- SHEPTULIN, A.P. [The interselationship of categor in materialistic dialectics] O vzainosviazi kategoralerialisticheskoi dialektiki. Moskva, Zanane, 44 p. (Novee v zhizal, nauke, tekhuike. Il Serii. Filosofija, no.1) (Mil)
- SIVOKHINA, T.A. [From seven to seventeen] Ot s do semnadisati. [Moskva] Mosk. 1sbochii, 1967, 86 p.
- SOKHAN', L.V. [Spiritual development of personal and communism] Dukhovayi progress lichnosti I munizm Kiev, Nankova dumka, 1968. 260 p.
- SOLOV'EV, E. III. [Existentialism and the theory of knowledge] Ekzistentsializm i nauchnee goznanie Moskva, Vysshata shkola, 1966, 154 p.
- SPIRKIN, A.G. [Course in Marxist philosophy] Ku marksistskoi filosofii. Izd. 2., perer. i dop. Mos Mysl', 1986. 541 p.
- TROSHIN, D. M. [Methodological problems of moder science] Metodologicheskie problemy sovremena nauki, Moskva, Vysshafa shkola, 1966, 174 p.
- TUGARINOV, V.P. [Communism and personality] I munizm i lichnost'. Leningrad, Ob-yo "Znanie" RSFSR, 1966, 45 p.
- UMAROV, M., and P. KHAMIDOV. [Criticism of the moral procepts of the Koran] Kur"ouning akhlok tugrisklagt ta"limotining tankidi. Toshkent, Uzbe ston KP MarkazH Komiletining birlashgan nashric 1966. 35 p. (Uzbekiston SSR "Bellm" zhamilati, no.14) [In Uzbek]

- VENBERGS, J. [Old Testament in the light of contemporary scierce] Veca deriba muadlenu zinatnes skatijuma Riga, Liesma, 1966–193 p. [In Latvian]
- VODZINSKII, E. I. [Russian Neo-Kanthuism in the late 19th and carly 20th century, Marxist-Leninist criticism of its ontology and gnoseology] Russius neokantanstvo kontsa XIX-nachala XX vekov, marksistskoleninskala kritha ontologii i gnoseologii [Leningrad] 12d-vo Leningr univ , 1966 77 p
- VOLKOV, K. P [A mouthful of water] Glotok vody Tashkent, Esh gvardila, 1965 56 p. (Tvol tovarishchi)
- ZHURAKHOVYCH, S.M. [Who is your friend?] Kie tyol drug. Moskva, Politizdat, 1967. 173 p. (Vremfa f lludi)

## 4. HISTORY

- AKADEMIIA NAUK SSSR, Institut arkheologii. [Archaeological discoveries of 1985] Arkheologicheskie otkryttia 1985 goda, Moskva, Nauka, 1986–197 p. (CaOTU)
- AKADEMIIA NAUK SSSR <u>Institut narodov Azit</u> [England's policy in the Near and Middle East, 1945-1965] Politika Anglit na Blizhnem i Srednem Vostoke (1945-1965) Moskva, Nauka, 1968 430 p
- AKADEMIIA NAUK UZBEKSKOI SSR. Institut istorii i arkteologii. [History of socialist Tashkent] Istoriia sotsialisticheskogo Tashkenta. Tashkent, Fan Vol 2. [1941-1985] 1941-1965 gg 1966, 494 p
- AKADEMHA NAUK UZBEKSKOI SSR. Institut istorit I arkheologii [Studies on the history of the Uzbek S.S.R., 1956-1965] Ocherki istorit Uzbekskoi SSR (1956-1965 gg.), Tashkent, Fan, 1986, 231 p.
- ANASIAN, A.S. [Liberation movement of western Armenia in the 17th century, a historical study. Osvoboditeľ nye dvizhenia v Zapadnoi Armenii v XVII veke, istoricheskoe issledovanie. Erevan, Izd-vo Akad. nauk Armianskoi SR [1981. 441 p. [In Armenian] (INU)
- ARTIUSHENKO, IURII, [Events and people I saw and met on my road of the struggle for national independence, 1917-1966] Podii i liudy na motemu shliakhu borot'by za derzhavu, 1917-1986, [Chicago] 1966, 221 p. [InU]
- ARUMÄE, HEINO. [Behind the scenes of the "Baltic Alilance", from the history of the foreign policy of bourgeois Estonia in 1920-1925] Za kulisami! Baltiiskogo sotuza", tz istorii vneshnei politiki burzhuaznoi Estonii v 1920-1925 gg. Tallinn, Eesti Raamat, 1986. 278 p.
- ARZYMATOV, ATYGAI [History of political relations between the Yenisey Kirghiz and Russia in the 17th and the (treat half of the 18th century] Iz istorii politicheskikh otnoshenit einiseiskikh kirgizov s Rossiei v XVII-pervol polovine XVIII vv [n p ] izd-vo Kyrgyzstan, 1968. 90 p.
- ASTAKHOVA, V.I. [Artem's revolutionary work in 1917 and 1918] Revolutisionnala delatel'nost' Artema v 1817-1918 godakh. Khar'kov, Izd-vo Khar'kovskogo univ., 1968. 178 p.
- ATATURK, KAMÂL. [Selected speeches and public addresses, Translated from Turkish] Izbrannye rechi i vystupleniis, Red. i vstup. stat'ia A. F. Millera, Muskva, Progress, 1986, 438 p.
- BAIMURZAEV, A.B. [History of social thought in Daghestan in the second half of the 19th century] Iz istorii obshchestvennoi mysli Dagestana vtoroi poloviny XIX veka Makhachkala, Dagestanskii filial AN SSSR, 1985 238 p
- BALKOVII, P. M. [A flankless war, the insurrectional and guerrilla struggle of the Ukrahdan people against the White Guards and foreign interventionists in 1918-1920] Vilna bez flanhly; partyzans'ko-povstans'ka borot'ba ukrains'koho narodu proty bilohvardiitsiy ta interventiv u 1918-1920 rr. Kyiv, Naukova dumka, 1968. 300 p.
- BARTOL'D, V.V. [Works] Sochinentia. Moskya, Nauka, Vol. 6. [Studies in the history of Islam and the Arabian Caliphate] Raboty po istorii Islama i Arabskogo knalifata. 1966. 784 p.

- [BATTLE OF POLITAVA] Politavs ka bytva Kyiv, Derzh vyd-vo obraz mystetstva i muz lit-ry URSR, 1980 1 v (chiefly litus )
- [THE BATTLE OF SMOLENSK, 1941-1966] Smolenskoe srazhente, 1941-1966. [Smolensk, Sotuz zhurnalistov SSSR, 1966] 90 p.
- BORESOV, IU. V [Recent history of France, 1917-1964] Novelskala istorila Frantsii, 1917-1964. Moskva, Prosveshchenic, 1966—254 p
- [THE CITY OF OREL IS 400 YEARS OLD] Gorodu Orlu 400 let Tula, Priokskoe kalzhnoe izd-vo, 1966 154 p.
- DAKHSHLEIGER, G.F. [The October Revolution and the oppressed peoples of prerevolutionary Russia] Oktlahi skala revolutsila i ugnetennye narody tsarskoi Rossil. Moskva, Znanie, 1987. 47 p. (Novev zhizni, nauke, tekhnike I Seriia Istoriia, no 2)
- DOERNBERG, STEFAN. [The birth of a new Gei many, 1945-1949. Translated from the Ger man] Rozhdenie novoi Germanii, 1945-1949. Vstup. stat'ia G.S. Sogomoniana, red. E.N. Petrunin. Moskva, Izd-vo Inosti. lit-ry, 1962. 527 p. (OU)
- [DVALADZE, PARTISAN OF LITHUANIA, Translated from Lithuanian] Dvaladze - partizan Litvy. Vilnius Gazetno-zhurnal'noe izd-vo, 1965, 20 p.
- DZIDZARIJA, G.A., and others. [Fighters for Soviet power in Abkhazia] Bortsy za Sovetskulu vlast' v Abkhazii. Sukhumi, Alashata, 1965. 262 p. (MH) (MIC)
- EREMEEY, L.M. [Through the eyes of our friends and enemies, the role of the Soviet Union in the defeat of fascist Germany] Glazami duzel i viagov; o ioli Sovetskogo Soluza v razgrome fashlstskof Germinii. Moskva, Nauka, 1966. 271 p. (Vtoraia Mirovali voina v iseledovaniiakh, vospominaniiakh, dokumentakh)
- ERMAN, L.K. [The intelligentsia in the first Russian revolution] Intelligentsia v pervot russkoi revoliutsii, Moskva, Nauka, 1966. 372 p.
- ERYKALOV, E.F. [The October at med uprising in Petrograd] Oktiabr'skoe vooruzhennoe vosstanie v Petrograde. [Leningrad] Lenizdat, 1966. 487 p.
- FROLKIN, N.M. [The peasantry in the Algerian Revolution, 1954-1962] Krest'lanstvo v alzhirskoi revoliutsit, 1954-1962. Kiev, Naukova dumka, 1967, 124 p.
- GIOEV, M. I. [Efforts of the Bolsheviks of the Terek Valley to solve the agrarian question in the policion of the victory of the socialist revolution and establishment of the Soviet regime, March 1917-February 1919] Bor'ba bol'shevikov Tereka za razreshenie agrarnogo voprosa v period pobedy sotsialisticheskoi revolutisti i ustanovlenila Sovetskoi vlasti (mait 1917-fevral' 1919 gg.), Ordzonikidze, 1960, 173 p.
- [HISTORY OF THE MIDDLE AGES IN TWO VOLUMES] Istoriia srednikh vekov v dvukh tomakh. Pod red. S.D. Skazkina i dr. Moskva, Vysehala shkola. Vol. 2. 1966. 386 p.
- IAKUTSKAIA RESPUBLIKANSKAIA BIBLIOTEKA. [G.M. Vasilevich, an outstanding student of the Tungue; on her 70th birthday] G.M. Vasilevich krupnoishii sovetskii tungusoved; k 70-letiu so dnin rozhdeniia. IAkutsk, IAkutskoe knizhnoe izd-vo, 1965. 45 p.
- IGNAT'EV, O.K. Tiradentis, [Moskva] Molodaia gvardita, 1966. 171 p. (Zhizn' zamechatel'nykh liudei, Serita biografii, no. 10(425))
- IL'IN, M., and E.A., SEGAL. [How man became a giant] Kak chelovek stal velikanom. Moskva, Detskala lit-ra, 1987. 606 p.
- INSTITUT ISTORII PARTII, <u>Leningrad</u>, [Petrograd Bolsheviks in three revolutions] Petrogradskie bol'sheviki v trekh revolutsitakh. [By] N.IA. Ivanov i dr. [Leningrad] Lenizdat, 1966, 461 p.
- [THE ITALIAN RENAISSANCE] Ital'ianskoe Vozrozhienie; sbornik statel, [Leningrad] Izd-vo Leningr, univ., 1966. 140 p.
- KALOEV, G. G. [They made Iriston famous] Oni proslavili Iriston. Ordzhonikidze, Severa-Osetinskoe knizhnoe izd-vo, 1985, 51 p. (CSI-H)

- KANDEL', B. I.. [History of foreign countries; a bibliography of Russian bibliographies published in 1857-1965] Istorita rarubezhnykhstran; bibliografia russkikh bibliografii, opublikovannykh s 1867 po 1965 god. Moskva, Kniga, 1868—255 p
- KARRYEV, A., ed. [History of Turkmenistan] Islorifa Turkmenistana. Ashkhabad, Izd-vo Turkmenistan, 1966.
- KHAKHUTAISHVILI, DAVID. [Uplistsikhe; results of a chacological investigation of 1957-1963. Uplistsikhe, resultaty atkhoologicheskikh izyskanii 1957-1963 gg., Toflisi, Metsniereba] Vol.1. 1964, Iv. [In Georgian] (Mii)
- KRPICHNIKOV, A.N. [Ancient Russian weapons]
  Drevnerusskoe eruzhie Moskva, Nauka,
  Nos 1-2 1966 2 v. (Arkheologita SSSR, E1-36)
  (CSL-th
- KOSOVA, G.R. [Pictorial art in the teaching of history] Izobi az itel'noc iskusstvo v prepodavanii istorii. [Moskva, Prosveshchenie, 1966] 174 p. (CSt-II)
- KOTOVICII, V.M. [The upper Gunib settlement; a morament of the Bronze Age of mountainous Daghostan, a contribution to the history of Daghostan tribes of the end of the third and second millenia B.C.] Verkhaegunibskoe poselente paminink opokli bronzy gernego Dagestana, k istorii dagestanskik plemen v kentse III-II tysiacheletitakh do n.e. Makhaehkala, Akad, nauk SSSR, Dagestanskii filial, 1965. 256 p. (CSt-II)
- KRICHENIVKER, E.M. [A soldler's glory] Soldalskala slava. Ulan-Ude, Burlatskoe kuizhnee ivd-vo, 1966. 117 p. facsims. (CSI-H)
- KRIVICH, G.D. [The women sulpers of Lenbugrad]
  Zhensheliny-snalpery Lenbugrada, Loningrad, Ob-ve-"Znante" RSFSR, 1966. 39 p.
- KUZ'MINA, E.E. [Motallic articles of the Aencellibic period and the Bronze Age in Contral Asia] Metallicheskie izdellia encotita i bronzovego veka v Srednei Azil. V sostavienii svoda prinimali uchastio A.A. Marushchenko i dr. Moskva, Nauka, 1966. 140 p. (Arkheologiia SSSR, svod arkheologicheskikh istoclinikov, no. Id-0)
- LARICHEV, V.E. [Secret of a stone to the; a documentary tale about an archaeological study] Tains kamennoi cherepakhi; dokumental rais povest ob odeem atkheologicheskom pulske. [Novosibirsk] Zapadno Sibirskoe kutzhnoe izd-vo, 1966. 250 p.
- [LENIN AND THE UL'IANOV FAMILY IN PODOL'SK] Lenin i Ul'Ianovy v Podol'ske. [Moskva, Mosk, rabochii, 1967] 247 p.
- [LENIN GUARDS OF OUR PLANET; stories about V.1 Lonin's companions inarms and contemporaries] Leninskala gyardiia planety; rasskazy o soratnikakh i sovremenakakh V.1. Lonina, Moskva, Politizdat, 1967 502 n
- LOSEV, E. F. [Koknose] Koknese, Laiviiskoe ges, izd-vo, 1957. 74 p.
- LUGANSKII GOSUDARSTVENNYI KRAEVEDCHESKII MUZEI. [Lugansk State Regional Muscuen; a guide] Luganskii gosudarstvonnyi kraevedeloskii muzel; puteveditel'. [Lugansk] Donotskoe kulzimoe 1/d-vo, 1963, 133 p. (MH)
- L'VOYSKII TORGOVO EKONOMICHESKII INSTITUT, [Along Lenln's path; summaries of the reports of a scientific conference dedicated to the 96th university of the birth of V.I. Lenlin] Po leninskomu path; textsy dokladov nauchnoi konferentsii, posvinshchemoi devisnostoshestiletiiu so dinia rozhdenila V.I. Lenina, 20-21 aprella, L'yov, 1966, 68 p. (CSt-H)
- MACEVIĆIUS, K. [The grain riponed a long time] ligal brandintas grudas. Vilnius, Vaga, 1064. 321 p. [In Lithuanian] (M1)
- [MANCHU RULE IN CHINA] Manchehurskoe vladychestvo v Kitae Moskva, Nauka, 1960. 385 p.

- MAS'KO, V.A. [Historical circumstances which necessitated V.I. Lenin to write "Materialism and Empiriocriticism", a summary of lectures [Istoricheskata obstanovka, obuslovishala neobkhodimost napisantia V.I. Leninym knigi "Materializm i empiriokritisizm", konspekt lektsii. Uzhgorod, Uzhgorodskii gos.univ., 1664 20 n 1964. 20 p (CSt-H)
- MAVRODIN, V V , <u>ed</u> [The peasant wat in Russia in 1773-1775; the Pugachev uprising] Krest'ianskain voi-na v Rossii v 1773-1775 godakh, vosstante Pugacheva [Leningrad] Ed-vo Leningr univ Vol 2 1966 511 p.
- MEDVEDEV, B.L. [Witness for the prosecution] Svide-tel' obvinentia. Moskya, Iskussivo, 1966. 167 p.
- MEDVEDEY, N.IA. [There were 68 of us. As told to Ivan Zhigalov] Nas bylo 68. Liferaturnata zapisi Ivana Zhigalova. Izd. perer.i dop. Moskva, DOSAAF, 1966. 79 p.
- MEL'NIKOV, A.B. [flow the 'Iskia" ('Spaik') flared up, three documentary essays about V I Lenin] Kak iaz-goratas' "Iskia", tri dokumental hykh ocherka o V I Lenine. Moskva, Znanie, 1967 61 p (Novoe v zhizni, nauke, tekhnike X Serlia Molodezhmia, no.4)
- METLITSKII, B.G. [Again in Petrograd, V.I.Lenia's visit to Petrograd, March 12-13, 1919] Snova v Petro-grade, o prebyvanii V.I.Leniana v Petrograde 12-13 marta 1919 goda. [Leniagrad] Lenizdat, 1966. 102 p.
- MILOVSKII, M.P. [Crimes of imperialism against humanity] Prestupleniia imperializma protiv che-lovechestva. Leningrad, 1966. 38 p.
- MINTS, 1.1., and IA.S. GROSUL, eds. [The revolutionary movement in 1917 and the establishment of Soviet power in Moldavial Revoliutsionnoe dvizhenie v 1917 godu i ustanovlenie Sovetskoi vlasti v Moldavii. Kishinev, Kartia Moldoveniaske, 1964. 629 p. (CaBVaU)
- MOISFEVA, O. N. [The soviets of peasant deputies in 1917] Sovety krest tanskikh deputatov v 1917 godu, Moskva, Nauka, 1967. 204 p.
- NABIEV, R.N. [The Tashkent up ising of 1847 and its socioeconomic premises] Tashkentskoe vosstanio 1847 g. i ego sotsial'no-okonomicheskie predposytki. Tashkent, Fan, 1866. 78 p.
- NEVINS, ALLAN, and HENRY S. COMMAGER. [History of the United States of America. Translated from the English] Istoriia Soedinennykh Shtatov Ameriki, New York, F.A. Praeger [1961] 593 p. (GEU)
- [PAGES FROM THE HISTORY OF TARTU] Lehckulgi Tartu ajaloost. [Tallinn] Eesti Ranmat, 1984, 169 p. [In Estonian]
- PALLI, HELDUR [Between the two battles of Narva; Estonia in the first years of the Northern War, 1701-1704] Mezhdu dvumia bolami za Narvu; Estoniia v pervye gody Severnoi voiny 1701-1701 Tallinn, Akad muk Estonskoi SSR, 1966. 342 p
- PARKHOMCHUK, S.M. [The Rumanian people conclude the building of socialism] Rumans'kyl narod zavorshuie budivnytstvo sotsializmu, Kyfv [Radians'ka Ukraina] 1063, 44 p. (CaCTU)
- PERECHNEY, IU.G., and IU.A. VINOGRADOV. [Guarding the sea horizons] Na strazhe morskikh gorizontov, Moskva, Voenizdat, 1967. 303 p.
- PIHIDO-PRAVOBEREZHNYI, F. [The Great Patriotic War] Velyka vitchyzniana viina, Winnipeg, Vyd, Novoho shliakhu, 1954. 229 p. (Politychno-vyzvol'na biblioteka, no.2(6)) (CoU)
- PLOTNIKOV, I.F. [Ten thousand heroes, a legendary raid of Unal region guerrillas led by V.K. Bilukher]
  Deslat' tysiach geroev; legendarnyl reid ural'skikh
  partizan vo glave s V.K. Bilukherom. Moskva, Nauka,
  1967. 213 p.
- POKROVSKII, M.N. [Selected works in four books]
  Ebrannye proizvedeniia v chetyrekh knigakh, Pod
  obshehsi red, M.N. Tikhomirova, V.M. Khvoslova,
  O.D. Sokolova. Moskva, Mysl'.
  Book I. [Russian history from the ancient period
  (vols.1 and 2)] Russkaia istoriia s drevneishikh
  vremen (toma I i II). 1906, 725 p.

- POPOVA, E.1. [U.S.A.. struggle with foreign policy problems, 1919-1922] SShA: borba po voprosam vneshnel politiki 1919-1922 gg Moskva, IMO, 1966
- POTEKHIN, M.N. [The first soviet of the proleta ian dic-tatorship] Porvyl Sovet proletarskoi diktatury [Lenin-grad] Lenizdat, 1988 338 p. (Ocherki po istorit Peirogradskogo Soveta rabochikh i soklatskikh deputa-tov 1917-1918 gg )
- [PREPARATIONS FOR THE 50TH ANNIVERSARY OF THE GREAT OCTOBER SOCIALIST REVOLUTION, decision of the Cuntral Committee of the CPSU of January 4, 1967] O podgotovke k 50-letilu velikoi Oktlabr'skoi sotsialisticheskoi revolutsii, postanovlenic TsK KPSS ot 4 lanvaria 1967 goda. Moskva, Politizdat, 1967.
- RIPETS'KYI, STEPAN, [Ukrainian-Polish case before the court of world public opinion] Ukrains'ko-pol'skyi protses 1918-1923 pered svitovym trybunalom, New York, Ukr., publifsystychno-nauk, in-t, 1963, 38 p.
- RODIMTSEV, A.1. [Mashen'ka from Myshelovka] Mashen'ka iz Myshelovki. Moskva, Voenizdat, 1985 91 p.
- ROSLIAKOV, A. A. [Origin of the Turkmen people.
  Proiskhozhdenie lui kmenskogo naroda. Ashkhabad,
  Ob-vo po rasprostranenilu polit. i nauchu. znanti Turkmenskoi SSR] 1962. 33 p. [In Turkmen] (MII)
- RZHEVSKAIA, E.M. [Berlin, May 1945] Berlin, mnt 1945, Izd.dop, Moskva, Sov. pisatel', 1967, 366 p.
- SHALEKENOV, U. KH. [The Kazakhs in the lower Amu Darya Valley, history of relations among the peoples of Kara-Kalpakla in the 18th-20th centurtes] Kazakhi nizov'ev Amudar'i, k istor ii vzaimooinoshenii naro-dov Karakalpakii v XVIII-XX vv. Tashkent, Fan, 1960, 334 p.
- SHARAEV, N. S. [Operation Prigor'ye] Prigor'evekaia operatsiia. [Moskva] Mosk.rabochii, 1966. 262 p.
- SHARIPOV, A.I. [That's the way it was during the war] Tak byle na voine. Moskva, DOSAAF, 1966. 109 p. (CSt-H)
- SHERESHEVSKH, B.M. [The defeat of Semenov units, April-November 1920; role of the Far East Republic in the struggle for the elimination of the "Chita block" and the unification of the Far East] Ravgrom semenov-shehiny (aprel"-noishr' 1920 g.); o 1011 Dal'novostochnot respublist v bor be va likyidatsilu "Chithiskoi probki" i ob"edinenie Dal'nego Vostoka. Novosibirsk, Nauka 1966 238 p.
- SHEVCHENKO, L.A. [The development of Soviet Ukrain-ian culture, 1959-1965] Rozvytok ukrains'kol Radian-a'kol kul'tury v 1959-1965 rr. Kyiv, Naukova dumka, 1067. 149 p.
- SICHYNS'KYI, VOLODYMYR. [The Roxalani; their name, sources, history, territory, study, archaeological finds, culture, and hieroglyphic writing] Roksoliana, dzherela, nazva, istoriia, teritoriia, narys, arkheologichni znakhidky, kul'iura, znakove pis'mo, London, Uknainian Pub. 1957. 66 p. (OCI)
- SLOBOZHAN, I. I. S. I. Muraviev-Aposlol. [Leningrad] Lenizdat, 1967. 38 p. (Uzniki Potropavlovskoi kreposti)
- [STUDIES IN THE MODERN HISTORY OF AFGIIANSTAN] Ceherki po novoi istorii Afganisiana. Tashkent, Fan, 1966. 130 p.
- SUPRUNENKO, M.I. [Sketches of the civil war and foreign intervention in the Ukraine, 1918-1920] Ocherki grazhdanskol voiny i inogtrannol interventsii na Ukraine, 1018-1920, Moskva, Nauka, 1966, 454 p. (InU)
- TOLOCHKO, P.P. [Ancient Kiev] Starodavnii Kyiv. Kyiv, Naukova dumka, 1966. 82 p. (Naukova-popu-liarna literatura)
- UL'IANOVSKAIA, V.A. [Formation of the scientific in-telligents is in the U.S.S.R., 1917-1937] Formtrovanie nauchnoi intelligents il v SSSR 1917-1937 gg. Moskva, Nauka, 1998. 213 p.
- UTRENEY, V. [The slege of Azov; a heroic page from our history] Azovakoe sidenie; geroicheskain stranitsa nashel istorii. New York, 1964. 11 p. (NIC)

- VINOGRADOV, I.N. [Summer lightning of the upper Volgatingion] Zarnitsy Verkhaego Povolzia'in. IAroslavi', Verkhae-Volzhskoe knizhnoe izd-vo, 1960. 125 p. (CSt-11)
- ZALIALOV, A.M., ed. [Problems of the history and Hiterature of the peoples of the middle Volga Valley] Voprosy istoria | Hiteratury narodov Sreduceo Povolatur Sbornik Statoi. Kazan, Asad, nauk SSSR, 1965. 124 p. (MR)
- ZARETSKAIA, D.V., O.F. NECHAEVA, and M.V.SKO-BELEVA. [The apartment at No.1 Serdobol'skaya Street, a guidebook] Kvarttra na Serdobol'skot ulltse, 1; putevoditel'. [Led.3.,48pr.1 dop. Loningrad] Lenizdat, 1986. 40 p (Memorial'nye mezet V.1 Lenina v Leningrade)
- ZEL'MA, G. Stalingvad, fful' 1942-fevral' 1943 goda. Stalingrad, July 1942-February 1943. Fetereportazh Georgila Zel'my. Teksi Konstantina Shmonova, [n, p.] Ld-vo Agentstva pechati "Novosti" [n, d.] 1 v. (chiefly illus.) [Parallel texts in Russian and English]
- ZOLOTOFRUBOV, A.M. [The first watches, sketches] Pervye vakhty, ocherki, Moskva, Voen, lzd-vo, 1958, 109 p. (NIC)

## 5. SOCIAL SCIENCES

- [ABOUT OUR WOMEN] O nashikh zhenshchinakh, [Syklyskar] Komi knizhnoe izd-vo, 1966. 157 p. (NIC)
- [ACHIEVEMENTS OF SCHENCE: GEOGRAPHY OF THE U.S.S.R. J. Hogi nauki: Geografita SSSR. Moskva, No. 3. Pokshishevskii, V.V. Geography of the population in the U.S.S.R. J. Geografita nasolenia v SSSR. 1966. 167 p. (Sprifa: Geografia)
- AKADEMIIA NAUK SSSR. Institut narodov Azif. [Culture of modern India] Kultura sövrömennöl Indii. Moskva, Nauka, 1986. 213 p.
- ALEKSEEV, T.D. [Lease of commercial premises]
  Arenda torgovykh pomesichenti Moskva, Ekonomika,
  1968, 70 p.
- ANDREEV, M. A. [Organization of labor on the collective farms of Chuvashia] Organizatsiin truda v kolkhozakh Chuvashii. Cheboksary, Chuvashskoe kutzhnoe izd-vo, 1985, 110 p. (InU)
- ANDREEVA, IU.V. [Family affairs, notes of a lawyer] Dela semeinyo, zameiki furista, Petrozavodsk, Karol'-skoe knizhnoe izd-vo, 1966. 102 p.
- ANDRIANOV, V.M., and V.A.BUGROV, [Economics of pett cloum refining and technological progress] Ekonomika nettopererabotki I tekhnicheskii progress. Ufa, Bashkirskoe knizhnoe izd-vo, 1902. 173 p.
- BAHMUT, I.A., and P.M.SHMORHUN. [Publication of the works of K.Marx and F. Engels in the Ukraine; bibliographic index] Vydanata tvoriv K. Markaa i F. Engel'sa na Ukraini; bibliografichnyi pokazhchyk. Vyd. 2., dop. Kharkiv, Red., -vyd. viddii knyzhkovol palaty URSR, 1965. 70 p. (Cst-II)
- BALDWIN, JAMES. [Nobody knows my name. Translated from English] Nikhto ne zaute moho iment, Kylv, Molod', 1965. 50 p. (Ochyma svidkiv).
- BARKOVSKII, N.D., and K.S.KARTASHOVA. [Credit planning in the U.S.S.R.] Kreditnoe planirovanie v SSSR. Moskva, Finansy, 1866, 242 p.
- BARSUK, V.A., and N.M.GUBIN. [Mathematical methods of planning and management in the communication system] Matematicheskie motody planirovanila I upra-vientia v khozialstve sviazi. Moskva, Sviaz', 1986.
- BASHKIN, A.V., and IU.V.KUZNETSOY. [A talk not entered into the minutes] Razgovor bez prolokola.

  Lonlugrad, Ob-vo "Zvanio" RSFSR Loningr. organizatelia, 1966. 31 p.
- BELOV, 1.1. [Raised from the ruins; listorical essays on the restoration and development of the oldest cities of Russia, 1943-1963] Podnialye is ruin; istoricheskie ocherki vosstanovienia i razvitila starcishikh gorodov Rossii, 1943-1903 gg. Moskva, Stroitzdat, 1990.

- BERKHES, I B. (Basic structs in the development of Sovict society.) Ösnornye etapy razvitiri sovetskogo obshehestvi. Moshva, Zhanie, 1907. 61 p. (Nobel v zhizhi, nauke, tekhnike. I Scrift, Istoriaa no 1)
- BIRN, B. V. [Org mization of tool production in the enterprises of the Latvian S.S.R., a survey] Organization instrumentally noop proveds by an appending lifeth Latvins Lot SSR, obsert, Righ, Latvins Hi respubliment nauchino-tellin informatsii i propagandy, 1966. 56 p.
- BLESHENKOV, A.M. [Analysis of the managerial operations of collective and state farms] Analiz Phozidistvennoi detatel most sowkhozov i Polkhozov, Moskva, Finansy, 1966, 205 p.
- BOBORYKIN, S.G., and M.IA.ZELIKSON. [Problems in the organization of wages, in enterprises of the machinery and the metalworking industry of the U.S.S.R. A reference aid] Voprosy organizated zarabonol platy, a predpiliatidah mashinostroitel'nol i metalloobrabatyvalushchei promyshlemosti SSSR. Spravochnoe posobic. Leningrad, Sudostroenie, 1968, 479 p.
- BOGOLIUBOV, I.A. [Formation of the nomenclature plan for production in a business enterprise] Formirovanie nomenklaturnogo plana protzvodstva po firmennomu ohrdinentua, Riga, Latvitiski respubl. m-t n tuchno-tekin, informatsif i propagandy, 1906, 19 p. (Nauchnaia or ganizatsila truda)
- BRIL', R.IA., and I.M.KHEISTER. [Economics of socitlust power resources] Ekonomika sotsialistichcskoi energetili. Mosfva, Vysshala shkola, 1966. 447 p.
- BRONSTEIN, MHIAIL. (Balancing the level of collective farm production) Kolhoositootunise taseme uhtlustamine. Talliun, Eesti Raamat, 1966. 256 p. diagr. (insert) (in Estonian)
- BUSHMAKIN, A. N. [Development of the state budget of the Udmurt A. S. S. R.] Razvitic gosudarstvennogo biudzheta Udmurtskoi ASSR, Izhovsk, Udmurtiia, 1968. 106 p.
- [CHEMISTS, BUILDERS, CREATORS] Khimiki, stroiteli, tvortsy. Ula, Basikirskoe knizhnoe izd-vo, 1960.
- CHERKASOV, G. 11. [Scientific labor organization, objectives, contents and methods] Nauchnala organizatsila truda; tseli, sederzhanic, metody. [Moskva] Profizdat, 1967. 117 p.
- CHERNENKO, M.S. [Significance of electrification in the creation of a material and technical foundation for communism, an economic outline based on the act culture of the Ukrainian S.S.R.] Zoachennia elektrifis itsi u stvorenti material'no-tekhnichmol bazy komunizmu, politekonomichnyi narys na materialiah sil'skoho hospodai stva URSR. [Kyiv] Vyd-vo kyivs'koho univ., 1964. 250 p.
- CHEVACHIN, V. A. [Scientific labor organization in the Riga Car Bullding Plant] Nauchnaia organizatsila truda na Rizhskom vagonostroitel'nom zavode, Riga, Latviliskii respubl. in-t nauchno-tekhn, informatsii i propagandy, 1966, 22 p. (Nauchnaia organizatsiia truda)
- CHUMACHENKO, N G. [Standard accounting for production in instrument manufacturing] Not mativnyl uchet proizzodstya v priborosti cenii Moskva, Mashinostroenie, 1986. 208 p.
- [THE COLLECTIVE FARM IS A SCHOOL OF COMMUNISM FOR THE PEASANTRY, a comprehensive accial study of the "Rossita" collective farm] Kolkhoz shkola kommunizma dlia krest'ianstva, komplehence sotial'-noe issledovanie kolkhoza "Rossita." Moskva, Mysl', 1965. 358 p. (Sotsiologiia i zhizn')
- DEDKOV, E. P. [Accounting in public institutions and its centralization] Bukhgaiterskii uchet v biudzhetnykli uchrezhdenilakh i ego tsentralizatsiia. Moskva, Finansy, 1966. 243 p.
- DENISOV, IU. P., and V. P. KULAKOV. [Democratic principles of collective-farm management] Demokraticheskie osnovy upravleniia kolkhozami. Moskva, Kolos, 1986, 118 p.
- DENISOV, V. V. [Fight hooliganism1] Khuliganstvu boi! [Moskva] Mosk, rabochii, 1966. 79 p. (V pomoshch' agitatoru i propagandistu)
- [DEVELOPMENT OF THE NATIONAL ECONOMY OF KINGRIZETAN; a short study] Razvitie narodnogo khoziaistva Kirgizii; kratkii ocherk [Frunze] Izd-yp Kyrgyzstan, 1886. 565 p.

- DMITRIEV, f [Not at all Wunderkinder] Sovsem ne vunderking [Moskva] Molodrin gwardin, 1986 111 p (Rovesnik shagaet po planete)
- DOMBROVSKAIA, Z.A., and L.A. TARIVT RDIEV. (Organization and planning of wholesale trade in textiles) Organization is planning option to gravitation to provide the string of the strin
- DOROGOCHENSKH, A. Z. [Contribution of Groznyy restdents to the development of petroleum refining and putrochemical industries of the U.S.S.R.] Viklad groznentser v razvitie neftgene ransutyvanishehel 1 neftgekhlinicheskel promyshleumosti SSSR [Groznyl] Checheno-lagushiskoe knizhnoe izd-vo, 1962 81 p. (Kistor ir narodov Checheno-lagushetit) [MiCROFILM]
- DOSTAL', A.A. [Socialist reorganization and development of the monetary-credit system of Czechoslovakia] Sotsialistichoskoe preobrazovanie i razvitie denezhno-kreditnoi sistemy Chekhoslovakii, Moskva, Nauka, 1967. 184 p.
- DROBIZHEV, V.Z. Main headquarters of socialist industry; escays on the history of the All-Russian Comcil of National Economy, 1917-1932 [ Glavny) is high social list lebers of promy shlennosti, other kirston it VSNKh, 1917-1932 gg Moskva, Myat', 1966 283 p
- DROZDOV, A.V. [Man and social relations] Chelovek i obshchestvennye otnoshenila, [Lening; ad] Lzd-vo Lening; univ., 1966. 123 p.
- DVORKIN, I. N., ed. [Criticism of the theories of modern bourgeols economists, R. Theobald, G. Menus, P. Samuelson, S. Kuznets] Kritika teorii sovremennykh burzhuaznykh ekonomistov, R. Tibolda, G. Minza, P. Samuel'sona, S. Kuznetsa [By I N. Dvorkin i dr. Moskva, Mysl', 1968–246 p.
- [ECONOMIC HISTORY] Ekonomicheskaja istorija Moskva, Ekonomika, 1987 553 p
- [ECONOMICS OF FOREST MANAGEMENT OF THE U.S.S.R.] Ekonomika lesnogo khoziaistva SSSR. Pod red. P.V. Vasil'eva, 2., dop. i peter. 1/d. Moskva, Lesnaia promyshlemost', 1965. 370 p. (CSt-H)
- [ECONOMY OF SOCIALIST COUNTRIES IN FIGURES, 1965, a concise statistical abstract] Ekonomika sotsialisticheskikh stran y tsürakh 1965 god, kratkit statisticheskit shornik. Moskva, Mysl', 1966. 235 p.
- EESTI NSV TEADUSTE AKADFUMIA. Majanduse
  Institum [Concent; allon and distribution of production
  in some branches of the industry of the Fetonian
  S. S. R. ] Tootmise kontsentreer infine ja paigutamine
  monedes Lesti NSV toostucharudes "Lallinn, Festi
  Raanat, 1807. 179 p.
- EGURNOV, G. P. [Economics of the mining industry] Ekonomika gornol promyshlemosti. Moskva, Nedia, 1966, 223 p.
- ELEONSKII, V.A. [Supervisory commissions] Nabiludatel'nye komissii Moskva, IUrid.lit-ra, 1966. 125 p.
- ELMI, URVE. (Why we must raise labor productivity)
  Mile on vaja tooyijakust toeta. Tallins, Eesti Roamat, 1966. 19 p. (NLKP XXIII kongress otsustas)
  [in Estonian]
- EVSTIGNEEVA, L.P. [The gross rational product and the relationship of the value of capital assets to the value of production] Fondoemkost' 1 struktura obshchestvennogo produkta. Moskva, Mysl', 1967 133 p
- EZHOV, A.I. [Industrial statistics] Statistika promyshlennosti Izd 4., perer. i dop. Moškva, Statistika, 1966. 408 p.
- FEDORENKO, N T [Japanese notes] IAponskie zapisi Moskva, Sovetskii pisatel', 1986. 412 p
- FOMINYKH, V. N. [The value of "invisible" income, public consumption funds and the growth of the material well-being of the people] TSena "nevidinykh" dokhodov; obshchestvennye foody potreblenita i rost material'-nogo blagosostoianiia naroda, [Sverdlovsk] Sverdlovsko knizhnoe izd-vo, 1963, 50 p. (CSI-II)
- [FOR THE FIVE-YEAR PLAN,OUR LABOR AND ENERGY; visual aid from the materials of the 23d Congress of the CPSU] Piatiletke nash trud I energitu, nagliadnoo poschie po materialam XXIII s'ezda KPSS, Moskva, Politizdat, 1966. 16 plates (chiefly diagrs.) In portfolio. (CSt-H)

- GALETSKAIA, R.A. [Statistics on the achievements of socialist countries] Statistica ob uspekhalch sots (Haltcheskikh stran. Moskva [Statistika] 1966, 55 p. (Statistika dila vsekh)
- GANKOVSKII, IU.V. [The nationalities problem and national movements in Pakistan] National by two prorational by edvizionila v. Pakistane. Moskva, Nauki, 1967, 267 p.
- [GFOGRAPHY OF THE POPULATION AND POPULATED PLACES OF THE B.S.S. R. | Geografika naselength i naselength punktov SSSR. Leningrad, Nauka, 1962, 201 p.
- GONCHARENKO, V.P. [Industrial safety in work areas, control, comprehensive plans, public inspections]
  Okhrana truda na rabochikh mestakh, kontrol?, Lompleksnyo plany, obshchesivennye smotry. [Moskva]
  Profizdat, 1998, 45 p. (Dabliotechka profushuznogo aktivista, no. 35 (155))
- GORDEICHUK, A.N. [The work of purty organizations in the further development of the creative initiative and activity of the working class in industrial menaagement]. Delatel nost partingskin organization polarizations in razvitim two cheskol initiativy i aktivnostriation because klassa vapravienti profevodstrom. Petropavlovsk-Kamelattskil, Dal'nevostochnocknizhmecizd-vo, 1906 62 p. (V pomosheh) propagandista) (CSC-II)
- GORDIENKO, A.S., and I.O. LEIVI. [Collection of problems on financing and issuing credit to state commerco] Shornik zadach po finansitrovantin i kreditos rniin gosudar sivennoi forgavli – Kley, Tel. buka, 1945-190
- GORODFTSKII, E.S. [The law of value in collective-farm production] Zakon stotmosti v kulkhoznom prodzyod stvo. [Moskva] Izd-vo Mosk, ustv., 1987, 143 p.
- GURVICH, S.N. [The labor provenent and the Left thee In France, 1921-1926] Rabochee dvizhenie i levyl blet vo Frandski, 1921-1926. Moskya, Nanko, 1966, 195 p.
- IGNATOVSKII, P.A. [Social and economic changes in lise Soviel village] Sotslatino-ekonomichenkle izmenenta v sovetskoi detevne. Monkva, Nauka, 1966. 190 p.
- [IN A COMMON SECTOR OF WORK] Na edinom ut kroti-e [Roshov-rat-Donu] Roshovskoe kulzhuoe izd-vo, 1964 75 p.
- ISBAKH, A.A. [Stories about the Komeomol] Rosskey, o Komsomole, Mosken, Znanle, 1987. B5 p. (No. or v zhizni, nauke, tekhnike. X Seriia: Molodezinati, 1/2)
- ISTOMIN, L.I., and L.I. KINATTIV. [Use of mathematical methods and electronic computers in management] Primeende matematichesikiki metodov 1 FVM v upravlenii. Moskva, Fkonomika, 1996. 71 p. (Bibliotechka khozlaistyemogo rukovoditelia)
- IVANOV, N. V. [Organization of the supply of agricultural enterprisms | Organizatsiin sudzientia sel'sko kkoztatsivemyki predpriiatii, Moskva, Vyoshata sikola, 1905, 258 p. (Cth.)
- IZBITSKII, L.M. [Auditing and control in consumer cooperatives] Royizita I kontrol' v potrehitel'skol kooperatsii, Moskva, Ekonomika, 1966. 311 p. (MH-L)
- JÄNES, H. [Occupational hygiene of women workers] Naistoolise kuischagieen. Tallinn, Vobra liklik Sanitaarbariduse Maja, 1965. 29 p. [In Estonian]
- RAASIK, J., and V. PALM. [On the plunned quidance of socialist economy and the system of communic levels?] O planovom rukovoslstvo sotsialistichenkol ukanomitbol i sisteme okonomicheskikh rychagov. Tartu, Tartuskii gos. univ., 1964. 24 p. (Material dita obsuzhdeniia)
- KABANOV, P.I., and others. [Outline history of the working class, 1917-1965, in aid for the teacher? Ocherki istorii rabuchego klassa, 1917-1965 (gg.; posobie dita uchitolei. Pod red. P.I. Kabanova, Moskva, Prosveschenie, 1966, 317 p. (Int)
- KANEVSKII, E.M. [Extraordinary trip of an ordinary customer] Neobyknovennoe puteshesivio obyknovennogo pokupatelia. [Moskva] Mosk, rabochli, 1966, 79 p. (V pomoshch' agitatoru i propagandistu)
- KAPLAN, L.M. [Economics of construction organizations under the conditions of paying for the construction project as a whole] Ekonomika stroitel'nykh organizatsit v uslovitakh raschetov za ob''ekt v tsekom. Moskva, Stroitzdat, 1967. 154 p.

- ARATAEV, N.K. [Economics, the bourgeois political conomy] Economics bun zhuaznara politekonomia Moskva, Nauka, 1968 269 p
  (CSt-H)
- AZANTSEV, P.M. [At an old Utal plant, notes of a student of the region]. At stat on utal'skom zavode, zapiski ki aeveda. [Perm']. Permskoe inizhnoe izd-vo, 1966. 121 p.
- SHEVA, D.T., and T.P. EFENDIEVA. [The daughters of a mountainous land, on the women of Kabardino-Ballaria] Dother i go nogo krala, o zhenshchimkh Kabardino-Balkarii Nal'chik, Kabardino-Balkarskoe knizhnoc izd-vo, 1965—129 p. (NIC)
- AADZHIBAEV, A.G. [Potentialities for increasing labor productivity in cotton growing, as exemplified by the collective and state farms of Vakhsh Valley, Tajis S.S.R.] Rezervy povyshendia prolevoditel nosti truda v khlopkovodstve, na primere Polkhozov i kovkhozov Vakhshskoi doliny Tadzilikskoi SSR. Dushanbe, Dontsh, 1966. 77 p.
- (ILTUKHIN, E. I. [Gambia today] Soviemennala Gambita, Moskva, Zhanic, 1967 31 p. (Novoe v zbizni, nauke, tekhnike. VII Serifa Mezhdunarodnaia, no. 4)
- OVANSKII, D.P. [The capitalistic method of production, a technocal Kapitalisticheskii spusob prodzvodstva, uchebnocaposobie, Podred, D.G.Kuz'menko, Moskwa, "(yel), 1965. 237 p.

  (CSI-II)
- PAEV, M. V. [Two seven-year plans in seven years1] Dvc semificikl - za semi let! Ufa, Bashkirskoe knizhnee izd-vo, 1963 19 p (Majaki promyshlennosti Bashkir ii)
- GHIZ S.S. R. TSentral'non statisticheskon upravlenie, [Sovict Kitghizlatin für 10 years, 1928-1966, a statistiera abstract Sovetslii Kitgizstan za 40 let (1926-1966), statisticheskii sboznii. Trunze, Izd-vo Kyrgyzstan, 1966. 160 p.
- KI_IMENKO, V.K. [On a businesslike approach in tradeunion work] O delevitosti v professionanol rabete. [Moskyn] Profizata, 1960, 60 p. (Bibliotechka profgoluznogo aktivista, no. 33(153)]
- KNYP, V.A. [Volunteer economists on state farms and collective farms] Obshchestvennye ekonomisty v sov-Ntozakh i kokkozakh, [Moskva] Izd. VTsSYS profizdat, 1966. 45 p. (Bibliotechka sel'skogo profsoluznogo aktivista, no.3/51)
- KOLODNYI, M.G., and A.P.STIIPANOV. (Planning for capital investments with the use of mathematical mothods) Plant ovanie kapital nykn vlovienii s primenenian matematiche-kikh metodov. Moskva, Vysshaia shkola, 1968, 83 p.
- KOMAROVA, N. [Improvement of working areas in the machinery industry, a survey] Sovershenstvovanie rabochikh mest v mashinostroenii, obzor. Riga, Latviiskii respubl, in-t nauchno-tekhn, informatsii i propagandy, 1966, 41 p. (Nauchnaia organizatsiia truda)
- KONDRASHENKO, L.I. Artek Simferopol', "Krym," 1966. 77 p. illus
- KORNIEVSKII, R. P. [The economics of socialism and elementary mathematical models] Politicheskain ekcnomila sotsiulizma i elementarnye matematicheskie modeli. [Rostov-na-Donu] Izd-vo Rostovskego univ., 1965. [201 p. (NNC)
- TE1.KIN, V.I. [Improving the establishment of work norms in industry; economic problems] Soversheastrovenic promirrovanita truda v promyshlemosti, ekonomic problems, (Leningrad] Izd-vo Leningrad Izd-vo Leningr. Univ., 1966, 142 p.
- CLOV, M.P. [The labor glory of the Ural people]
  Ural linev slava tradovala, Sverdlovsk, Sredne-Uraleltoe knizhnoe izd-ve, 1966. 139 p.
  (CSI-II)
- Rainst hooligantsm Bor ha s khullganstvom. Voro-
- TSOV, V.I. [Industrial development and technological progress] Razvitic promyshlemosti i tekhnicskii progress. Frunze, Kirgizskoe gos.izd-vo, 33, 26 p.

- [LABOR AND WAGES AT AN ENTERPRISE, a reference manual] Trud I zarabotnafa plata na predprilatif, spravochove posobie. Moskva, Ekonomika, 1967. 397 p.
- [THE LABOR RESOURCES OF SOVIET BALTIC REPUBLICS] Tradovye resursy pribalitiskakh sovetskich respublik Riga, Zinatne, 1967 117 p
- [LAND CADASTER OF THE U.S.S.R.] Zemel'nyi kadasti SSSR. Moskva, Ekonomika, 1967. 357 p.
- LATVIAN S S.R. Glavnoe upravicnie bytovogo obsluzinvantia naselenita [The service industries in Riga] Bytovoe obsluzinvanie v Rige. Riga, Zvaigzne, 1996 80 p.
- LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA, Elonomikas Instituts, [Ceonomic efficiency of capital investments in agriculture] Kapitalieguldijumu ekonomiska efektivitate lauksatminectiba [By] Akots Brakss un etti. Atbildigats icd L. Lidums, Riga, Zinatne, 1966, 189 p. Jin Latvian]
- LAVRUSHIN, O.1. [Credit and industry] Kredit i promyshlennost'. Moskva, Finansy, 1997-86 p.
- LEBEDEVA, N.B., and O.I.SHKARATAN [Lesays on the history of socialist competition] Celerki istorii sotsialisticheskogo sorovovaniia [Leningrad] Lenizdat, 1966 274 p
- LENSKAIA, S.A. [Public production fund cycle and turnover in the U.S. S.R.] Krugooboret I oboret obshchestvennykh fondov v SSSR. Moskva, Mysl', 1907. 287 p.
- LESHCHENKO, G.T. [Financing and Issuing credit to aggleultural enterprises] Finansuvannia (Fredytuv innia sil's'ivolospodars'itykh pidprylemstv. Kyiv, Urozkal, 1966, 285 p.
- LEVSHIN, A v [Computing pensions for collective farm members] Ischisiente pensii chicaami kokhozov. Moskva, Rossel'khozizdat, 1986—47 p (Chio dolzhen zaat' kolkhozniz o pensiiakh i posobijakh)
- LUGUS, OLEV. [What is profitable production?] Mis on tootmise rentables? Tallinn, Eesti Raamat, 1966. 41 p. (Sotslahistiku majandamise kool) [in Estonian]
- [THE MANAGER'S CALENDAR, 1967. The 50th anniversary of the Great October Socialist Revolution] Katendan' khozialistvonnika, 1967. Platideslatyi god Velikol Oktiab' skoi sotialisticheskoi revoliutsii, [Moskva] Ekonomika [1966] 1 v.
- MARTYNOV, V.A. [Agrarian problem in the developed capitalist countries] Agrarnyi vopros v nazvitykh kapitalisticheskikh stranakh. Moskva, Mysl', 1966.
- MAYER, HAROLD MELVIN, and CLYDE F. KOHN, eds. [Readings in urban geography Abridged translation from the English] Geograffin gorodov, shornik statel. Vvodnala stat'la i red. V.V. Poklitevskogo, Moskya, Progress, 1965. 440 p. (OrCS)
- MELIKIANTS, G.G. [Large family] Bot'shala sem'ia Tashkent, "Uzbekistan," 1984. 37 p.
- MERESTT, U., comp. [Collection of problems on statistics] Ulesandeid statistika praktikumiks. Tallinn, Tallinna Poluteiniline Instituul, 1965. 100 p. [In Estosian]
- MEŠKAUSKAS, K., and otnors, cas Russian-Lithuanian dictionary of economic terms Rusiskat lictuviskas ekonomikos terminu zodynas Vilnius, Mintis, 1986. 260 p [In Lithuanian]
- METSA, HERBERT. [How to use capital assets more efficiently in industrial enterprises] Ruidas paremini kasutada toostusettevotte pohiforde. Tallinn, Eesti Raamat, 1968. 40 p. (Majandusteadiase vestlust) [In Estonian]
- MINTS, L. E., V. V. KOSSOV, and E. F. BARANOV, eds.
  [The interbranch balance of an economic region;
  methodology of preparation] Mezhotrasievol balans
  ekonomicheskog rationa, metodika sostavleniin.
  Moskva, Nauka, 1987. 329 p.
- MITEL·MAN, B.E. [The chief economist of a plant] Glavnyi ekonomist zavoda, Moskva, Ekonomika, 1966, 64 p. (Bibliotechka khoziaistvonnogo rukovoditelia)

- MORDASOVA, L. A., and A. G. NOVITSKII. [Labor or ganization and the establishment of work norms in a store] Organizatin 1 normit ovante finds v magazuce. Moskva, Ekonomika, 1966, 47 p.
- MOROZOV, N. N., and N. I. BELIK. [Studying the demand for goods] Izuchemic spress na tovary, Moskva, Lkonomiki, 1967—118 p.
- MOSKOVSKII INSTITUT NARODNOGO KIIOZIAISTVA, TSentral'inala nauchno-isaledovatel'ishada Inboi alorifa ekokumili I organizatish potzvodsta a. [Problems of the economics and organization of industrial production] Voprosy ekonomist I organizatish promyshleningo proizvodstva. Pod rod. S.E. Kamenitsera. Moskva, Ekonomika, 1967. 222 p.
- [NATIONAL ACCOUNTS AND THE STATISTICS OF NATIONAL WEALTH AND NATIONAL INCOME; studies on bulunce-sheet statistics] Statistical impoleogo begatistica, narodnogo dol hoda i natsional nye schola; ocherki po balansovoi statistike Moskva, Nauka, 1987-238 p.
- [NATIONAL ECONOMY OF THE MORDVIN A.S.S.R., a statistical abstract] Natodnoe khozialstvo Mordovskol ASSR, statisticheskii shornik. Saransk, Stat. upr. Mordovskol ASSR, 1965. 166 p.
- NIEDRITE, V. [Scientific organization of labor in the repute shops of machinery manufacturing enterprises] Nauchnata organizatsiia truda v remontno-mekhanichushkh techhakh mashinostroitollaykh predpritatii, Riga, Latvilskii coppubl. In-t nauchno-tekim, Informatsii i propagandy, 1966. 29 p. (Nauchnata organizatsila truda)
- NIKETIN, V.M., and V.V.MILOV. [Analysis of managerial operations in trade] Analiz khozialsivennoi delatel nosti v torgovie. Moskva, Ekonomika, 1966. 165 n.
- NOVGOROD (Province) Oblastnoe statisticheskoe upraviente [The economy of Novgorod Province, a statistical abstract) Narodnoe knozialstvo Novgorodskoi oblasti, statisticheskil sbornik. [Leningrad] Statistika, 1965. 191 p.
- OKATOV, N.A. [The Tambov party organization during the period of struggle for socialist industrialization and of proparation for the complete collectivization of agriculture, 1920-1929] Tambovskafa partification organizatshia v period but by za socialishicheskulu industrializatshia i podgetovki sploshnoi kolleklivizatshi sel'skogo khoziatsiva, 1926-1929 gg. Voronezh, Tšeniral'no-Chernozemnoe knizhnoe izd-vo, 1964, 39 p. (L istorii Tambovskoi organizatshi KPSS) (CSI-H)
- OMAROV, A.M. [Scientific principles of national economic planning, for the universities of Marxism-Lenninism]
  Nauchnye osnovy plantivovanita narodnogo khozialstva;
  difa universitetov markstzma-leninizma. Moskva,
  Mysl', 1966. 75 p. (Organizatsiia plantrovanita i
  upravienita narodnym khozialstvom SSSR)
- OMSKII INSTITUT INZHENEROV ZHELEZNODOROZH-NOGO TRANSPORTA. [Materials of the scientific conference of the departments of social sciences of the institutes of Omsk] Materialy nauchnoi konferentsit kafed, obshchestvennykh nauk institutov g. Omska [Omsk] Zapadno-Sibirshoe knizhnoe izd-vo, 1965. 385 p.
- OMURALILV, SULTANIDIN, [Mountain flowor] Too pulu; augumelei . Frunze, Kyrgyz mamlekeltik okuuprelagogika kasnaay, 1963. 33 p. [In Kirghiz]
- OVCHINNIKOV, F.M., K.G. VALIEV, and A.P. FOMIN. [Organization and payment of labor on state farms; in questions and answers] Organizatella i oplata truda v sovkhozakh, v voprosakh i otvetakh. Moskva, Rossel'khozizdat, 1905, 196 p.

  (Int)
- PAEVSKII, V.A., and A.D. MILLIONSHCHIKOV. [Payment for production funds] Plata za proizvodstvennye fondy. [Leningrad] Finansy, 1966. 78 p.
- PANSHINA, S.N. [Economics of automotive transportation] Ekonomika avtomobil'nogo transporta. Moskva, Vysskata shkola, 1956—303 p.
- PAVLOV, IU.M. [French steel menopolies] Frantsuzskie siat'nye menopolii. Meskva, Nauka, 1966–200 p.
- PCHELINTSEV, O.S. (Economic basis of the distribution of industry; methods used in capitalist countries) Ekonomichesitos obesnovanie razmeshchenila proizvodstva, metody, primenhomys v kapitalisticheskikh stranakh. Moskva, Nauka, 1886. 262 p.

- JTHE PEOPLE CONTROL] Kontrolin uet marod Tallian, Eesti Raamat, 1966 191 p
- PERFPELITSYNA, L. A. [Role of Russian culture in the development of the culture of the peoples of Central Asia] Rol' russkof kul'tury v razvitif kul'tur narodov Srednei Azil. Moskv., Nauka, 1986. 122 p.
- PEREVEDENTSEY, V.I. [Migration of the population and the labor problems of Siberia] Migratsiia naselentia i trudovye problemy Sibiri Novosibirsk, Nauka, 1965 189 p
- PERSHIN, P.N. (Agrarian revolution in Russia, a historteal-economic study in two books] Agrariata revolutistia v Rossii, istoriko-ekonomicheskoe issledovanie v dvukh Fnigakh Moskva, Nauka, 1966 2 v.
- PESHEKHONOV, V.A. [Role of commodity and monetary relations in the planned guidance of collective-farm production] Rol! tovarno-denezhbykh otnoshenii v plano, om rukovodstve kolkhozhym protzvodstvom. [Leningrad] Izd-vo Leningr. univ., 1967. 201 p.
- PETRAKOV, N. IA. [Some aspects of a discussion on the economic methods of management] Nekotorya aspekty diskussii ob ekonomicheskikh metodakh khoziaistvovaniia Moskva, Ekonomika, 1966–126 p. (Obsuzhdaem problemy sovershenstvovaniia planirovaniia,
- PILATOV, P. N. [Steppes of the U.S. S. R. as a factor in the material life of society, on the relationship between nature and man] Stepi SSSR kak uslovie material noi zhizni obshchestva, k probleme priroda i chelovek IAroslavi (Verline-Voizhskoe knizhnoe izd-vo] 1965 285 p.
- [PIAN, BUSINESS ACCOUNTING, INCENTIVES] Plan, khozraschet, stimuly Moskva, Ekonomika, 1966
- POKROVSKII, A.1., and G. P. CHERNIKOV. [What is "neccapitalism?"] Chio takee "neckapitalizm"? Moskva, Znanie, 1987. 46 p (Novce v zhizni, nauke, tekhnike III Seriia. Ekonomika, 4)
- POLIAKOVA, U. M., and D. I. TVERSKAIA. [Period of the socialist reconstruction of the national economy and socialist reconstruction of the national economy and the beginning of the final stage of the building of socialism, 1928-1941, in the exposition of regional study museums. On the 50th anniversary of the Great October Socialist Revolution] Period Sotsialisticheskoi rekonstruktsti narodnogo khozialistva i nachalo zavershatushchego etapa stroitel'stva sotsializma (1926-1941 gg.) v ekspozitsti kraevedcheskikh muzeev, metodicheskoe posobie, K 50-lettiu Velikoi Okliabriskoi sotsialisticheskoi revoliutsii. Moskva, Nauchnoissi, in-t muzeevedeniia, 1968, 136 p.
- CSTAGE STAMPS OF THE PEOPLE'S REPUBLIC OF BULGARIA, THE HUNGARIAN PEOPLE'S REPUBLIC, THE GERMAN DEMOCRATIC REPUBLIC, THE POLISH PEOPLE'S REPUBLIC, THE SOCIALIST REPUBLIC OF RUMANIA, AND OF THE CZECHO-SLOVAK SOCIALIST REPUBLIC, a catalog Pochtovy marki Narodnot Respublik Bolgarii, Vengerskoi Narodnot Respublik, Germanskoi Demokraticheskoi Respublik Delacia Navodnot Respublik Statalisticheskoi hliki, Pol'skof Narodnoi Respubliki, Sotsialisticheskoi Respubliki Rumynii, Che'thoslovatskoi Sotsialisticheskoi Respublii i; katalog. Moskva, Glav. Filatelisti-cheskala kontora Soluzpechati M-va svlazi SSSR, 1966. 205 p. illus.
- [PRODUCTION COMBINES (FIRMS), method and practice in organizing firms in the industry of the Central Chernozem Region] Proizvodstvennye ob''edinentia (firmy), metodika i opyt organizatsii firm v promyshlennosti TSentral'no-Chernozemnogo raiona. Voi onezh, 12d-yo Voronezhskogo univ., 1856. 54 p.
- PROKOF'EVA, V.G. [Disability pensions for collective-farm members] Pensil po invalidnosti chlenam kol-khazov. Moskva, Rossel'khozizdat, 1866. 34 p. (Chto dolzhen znat' kolkluznik o pensilakh i posoblakh)
- REZYAN, A. A., and N. I. SEMENIUTA. [48 plus 5; the economics and culture of the Don Valley in facts and figures] 48 plus 5; ekonomika i kul'tura Dona y tsifrakh i faktakh. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo. 1968 221 g.
- ROGACHEV, S. V. [Plan and incentives] Plan i stimul, Moskva, Znanie, 1987. 30 p. (Novoe v zhizni, nauke, tekunike. V Scriia; Sel'skoe khoziaistvo, 3)
- ROMANENKO, I. N. [Economics of socialist agriculture]
  Ekonomika sotsialisticheskogo sel'skogo khozialstva.
  Kiav, Urozhał, 1968. 562 p. (Uchsbniki i uchebnyo
  posobila dila vysshikh sel'skokhozialstvennykh uchebnyki zayedenli)
  (CU)

- ROMAHOVSKU, S.K. [International cultural and scientific ties of the U.S.S.R.] Mezhdunarodnyc kul'turnyc i nauchnyc sviazi SSSR. Moskva, IMO, 1966. 238 p.
- ROZENBERG, D.IA., and IV.M.SAFRONOV. [Profitable housing management; from the work practice of the Sverdlovsk District of the city of Moscow] Rontabel'noe vedente zhilishchnogo khoziaistva, iz opyta raboty zhilishchnogo khoziaistva Sverdlovskogo raiona g Moskvy. Moskva, Strolizdat, 1986. 55 p.
- ROZENBERG, S.V. [Pianning for the cost of transporta-tion in the municipal electric transit system; a methodo-logical aid] Planirovanic schesiolmosti pervozok na gorodskom elektroit ansporte, metodicheskoe posobie. Izd-vo M-va kommun.khoz.RSFSR, 1858. 61 p.
- ROZIN, M.S. [Geography of the mineral resources of capitalist and developing countries] Geograffia poloznykh iskopaemykh kapitalistichrekikh i razvi-valusachirhsia stram. Moskva, Prosvesichenic, 1866
- RUSSIA (U.S.S.R.) Upraviente prepodavantia obshchest-vennykh nauk. [Recommended subjects for test papers on the principles of philosophical knowledge; for sec-ondary vocational correspondence schools in "Pul", health" and "Art] Tematika kontrol'nykh rabot po osnovam filosofskikh znanii, dila zaochnykh sred-nikh spetsial nykhuchebnykh zavedeniii (po spetsial'-nostian "Zdravookhranenie" i "Iskusstvo"), Moskva, Mysl', 1985, 18 p.
- RYBAKOVA, T.A. [Financing and issuing credit for capi-tal investments, a collection of problems] Finansirova-nie i kreditovanie kapital'nykh vlozhenit, spornik zadach Moskva, Finansy, 1966 133 p.
- SABIROV, KH.R. I From the history of the state finances of Uzbekistan; Iz istorii gosudarstvennykh finangov Uzbekistana, Tashkent, Nauka, 1966. 265 p. (CSt-H)
- SAIKIN, L.G. [About us builders] P10 nas, stroitelei. Ufa, Bashkirskoe knizhnoe izd-yo, 1960. 38 p.
- SANZHIEV, G.L., and others. [The communist labor movement and its role in workers' training, on the work practice of the collective of the "Elektromashi-na" Plant, the Buryat A.S., R.] Dytzhente za kom-nunisticheskii trud i ego rol' v vospitanti abochikh; ob opyte raboty kollektiva zavoda "Elektromashina" Buriatskoi ASSR. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1966, 136 p.
- SARYCHEV, V G. The economic development of the U.S.A. in its present stage, a summary of lectures | Ekonomicheskoe razvitte SShA pa sovremennom ctape; konspekt lektali Klev, Klevskii in-t nar kloz., 1865 56 p. (CSt-H)
- SASHENKOV, E. P., and M. E. LEVIN. [Philately under the sign of the "five rings"] Filatella pod znakom plati kolets. Moskva, Sviaz', 1988. 140 p.
- SEMENOV, K.I. [Secrets of amour] Sekrety Amura.
  [Moskva] Molodaia gvardiia, 1988—101 p. (Rovesnik shagaet po planete)
- SEMIN, N.S. [The Comecon countries and the developing countries of Asia and Africa] Strany SEV I razvivatushchiesia strany Azii I Afriki. Moskva, Znanfe, 1987.

  46 p. (Novoe v zhizn), manko, tekmiko. III Seriia. Ekonomika, no. 3)
- SEPRE, O., and others. [Consumption of the most important food products in our country and abroad] Tahtsamate loiduainete tarbimine meil ja mujal. Tallian, Eesti Raamat, 1986. 71 p. [in Estonian]
- SERDIUK, V.A. [Potentialities of increasing labor productivity in the sugar industry] Rezervy rosta protzvoditel nosti truda v sakharnot promyshlennosti. Moskva, Pishchevata promyshlennosti, 1966. 92 p. (Ekonomicheskie znanija rabochim)
- SEROVA, Z.I. [Collection of examples on planning, verification, and calculation of network models] Shornik primerov po postroenilu, proverke i rascheiu setevykh modelol. Moskva, Ekonomika.
  No. 4. 1966, 56 p. (Kursy po obuchenilu rukovodiasitchikh rahotnikov metodam setevogo planiroyanita i uprayleniia)
- [THE SEVEN-YEAR PLAN AREAD OF TIME] Semiletku dosrochno. Ufa, Bashkirskoe knizhnoe izd-vo, 1962. 93 p. (NNC)
- SGIBNEV, A.A. [A man from the legend; sketches] Che-lovek iz legendy; ocherkt. Moskva, DOSAAF, 1966.

- SHABALIN, A. [Twenty years of my life, notes of a walf] Dvadtsat' let moet zhizat; zapiski bespi izot nogo Lon-don, Flegon Press, 1965 91 p
- SHCHERDINA, B. E. [Tyumen' meridian] Timmenskii meridian. Sverdlovsk, Sredne-III al'skoo kulzimoo tad-vo, 1966. 73 p. Ilius. (CSI-II)
- SHEIN, L.E., B.S. LEVI, and A.V. ARKHIPOVA. [initial experience in introducing a plan for scientific labor organization on the construction sites of the "Rigarhilatio!" Trust! Pervyl oppt vucdrentla plana NOF nastrokakh tresta "Rigarhilatioi," Rigar Latvilskii respubl, in-t nauchno-tekhu, informatsil i propagandy, 1000. [10.5] (Latvilskii technicalistic in Computali). 1966. 19 p. (Listok tekhnicheskoi informatsii)
- SHKURDA, V.V., and others. [Problems of day-to-day production planning and methods for solving them] Zadacht kalenda nego planto vanila I metody lith reshenita. Klev, Naukova dumka, 1986—155 p.
- SHUVALOV, E. I. [The Utada, outline of economic geography Manual for teachers] Utal, ekonomiko-geograficheskii ocherk. Posoble dlla uchitetet. Moskva, Proveshchenie, 1986. 198 p
- [SIBERIA DURING THE BUILDING OF SOCIALISM AND THE TRANSITION TO COMMUNISM] Sibit's Period stroitel'ster sots in living 1 perchoda k kommunizmu.
  - Navoshirek, Nauka, No. 6. [Siberia du tog the building of socialism] Sibir v per lod strollelydva soluinitzma, 1966, 100 p. (Materialy po istorii Sibiri)
- SILLAND, HILLAR, comp. [Sanitary requirements for employees of public dining establishments] Sanitaar-minimum uhiskondiku tolitustamise elevoites. Tallinn, Valgus, 1966. 136 p. [In Estonian]
- SKOTKOY, SH.B. [Financhy and extending credit in the coal industry! Finansh ovanle 1 kreditovanic v ugol'noi promyahlomooti. [2., perer.i dop. Ltd.] Moskva, Nedra, 1965. 192 p. (Int)
- SOKOLOVSKII, M.A. [Technological progress in the U.S.S.13, and its social consequences; a textbook] Nauchno-tekhuicheskii progress v SSS1 1 ego sotsial'-nye posledstvila, uchobnoc posobie. Sverdlovsk, Ural'-skii gos univ., 1964. 30 p
- STETSIUK, L.S., L.A.KEROGLU, and T.I.KARPUSHIMA.
  [Highway junctions and thoth effect on traffic safety]
  Uzly aviomobil'nykh donog l ikh viliante na bezepasnesi'
  dvizhenita. Moskva, Transport, 1967. (I p.
- STETSKEVICH, S. M. [The labor movement in Poland in 1918 and 1919 (October 1918-July 1919)] Rabochec dvi-zhenie v Pol'she v 1918-1919 godakh (notabr' 1918-Hul' 1919 goda). [Leningrad] Izd-vo Leningr. univ., 1969.
- STREL'NIKOV, B.G. [IUlia, Vania, and the President] IUlia, Vasia i prezident, [Moskva] Moloctala gvardila, 1966. 149 p.
- SUPONITSKII, S. A., M. F. BUNIAFY, and G. N. PRUPYLEYA. [Facts and figures on the condition of the laboring class in capitalist countries] TSirry I fakty o polochemi rabochego klassa kapitalistichoskikh stran. Moskya, Vysshaia sikola, 1967. 115 p. (V pomoshch' lektoru)
- SUTANOVSKII, F.A. [Steady growth of the productivity of social labor under socialism; summary of lectures for economics students of the institute] Nocklonayt rost protzvoitled inset ubshelestvennogo truda prisotelatizme, konspekt lektsii dia studentov instituta popoliticheskoi ekonomit. Khur'kov, Khar'kovskii iurid. in-t, 1665. 2 v. (CSt-H)
- TABORS, B., and G. BERZIN'SH. [The essence of work on scientific organization of labor in industry] Osnov-nce soderzhanie raboly po NOT na proizvodstve. Higa, LatiNTI, 1966, 33 p. diagra, insett, (Listok tekhni-cheskoi informatsit Nauclinata organizatsiia truda)
- TAVROV, IA. M. [Reform on 33 Mironovskaya Street; on the new developments in the work of the Moscow Plant of Thermal Automatic Control Equipment] Reforms na Mironovskoi, 33; o novom v rabote Moskovskogo zavoda teplovol avtomatiki. Moskya, Politizdat, 1966, 47 p.
- [THAT IS HOW WE WORK ON A BUSINESS ACCOUNTING BASIS] Tak my rahotaom na khoziaisiyonnom raschele. Moskva, Sovoiskaia Rossiia, 1966. 166 p. (Truzheni-kam sela ob intensifikatsii)

- [TIMETABLES OF MOTORBUS LINES IN TALLINN]
  Raspisanie aviobusnogo dvizhenita v g Talline. Talline, Eesti Raamat, 1985 67 p.
- TERCHENKO, V.C. [Working capital of geological prospecting enterprises and ways to accelerate its turnorer] Obsorting as edsive geologopoiskovych predpriatrii put leskorenia ikh obsorachivaemosti Ufa, Bashkirskoe kulkhnoe izd-vo, 1961—89 p
- TRAININ, A.S. [The Bolshevik Party as the leader of the revolutionary movement of the young workers in 1917] Partifia bol'shevikov rukovoditel' revolitisionnogo dvizheniia rabochei molodezhi v 1917 godu. Krasnodarskii gos. pedagog. m-t, 1965. 174 p. (CSt-H)
- TRIGUBENKO, V.V. [What is operations research?] Chto takue issledovante operatsii Moskva, Ekonomika, 1986, 60 p. (Bibliotechka khoziai stvennogo rukovoditelia)
- [THE UKRAINIAN S S.R. IN FIGURES FOR 1965; a bi ief statistical abstract] Ukrains'ka RSR v tsyfrakh v 1965 rotsi, korotkyi statystychnyl dovidnyk. Kylv, Statystyka, 1966 213 p.
- USHAKOV, S.S., and L.I.VASILEVSKII, eds. (Transportation abroad; capitalist and developing countries A manual) Zarubezhnyi transport, kapitalisticheskie i razvivajushchiesia strany. Spravochnik. Moskva, Transport, 1986. 366 p
- USMANOV, RAKHMANKUL [The activity of the political departments in strengthening the state tarms of Tajiktstan, 1933-1940] Delatel'nost' politotéelov po ukt eplenitu sovkhozov Tadzhiktstana, 1933-1940 gg Dushanbe, (CSt-H)
- USYK, M.A. [Return of capital investments in a socialist economy, the theory of the problem! Ob okupaemosti kapital nykh vlozhenit v solsialisticheskom khozialstve, teorila voptosa. Khar'kov, Izd-vo Khar'kovskogo gos. univ., 1988. 147 p.
- VARNER, M.G., and V.P.ALFER'EV. [Planning for the supply of materials and equipment to agriculture]
  Plantrovante material'no-tekhnicheskogo snabzhenita
  sel'skogo khoziaistva. Moskva, Ekonomika, 1966.
  183 b.
- VALENTEI, D.I. [The theory and policy of population.] Teorita i politika narodonaseleniia. Moskva, Vyssiain shkola, 1967. 183 p.
- VARDIEVA, K.I. [Problem book on the financing and crediting of Soviet consumer cooperatives] Zadachnik po finansirovanilu i kreditovanilu sovetskol petrebitel'skoi kooperatsii. Moskva, Izd-vo TSentrosciura, 1962. 118 p. (InU)
- VEDERNIKOV, S.S. [Course in accounting.] Kurs bukhgalierskogo ucheta. 2., perer. izd Moskva, Statistika, 1967. 466 p
- VEINBERG, A. [Method of developing scientific labor organization for the industrial enterprises of the Latylen S.S.R.] Metodika razrabolki nauchnol organizateli truda dila promyshlennykh predprilatii Latvilskoi SSR. Riga, Latviiskii respubl, in-t nauchno-tekin, informatsii i propagandy, 1960. 37 p.
- VEPKHOVSKII, I.A. [Planning and analyzing the cost of automotive transportation] Plantrovanie i analiz schestotmosti avtomobil'nykh perevozok. Moskva, Transport, 1886 214 p.
- VESELOV, N.C., and others. [Collection of problems on a course in the "Economics of the formus metallurgy of the U.S.S.R."] Shormk zadach po kursu "Ekonomika chemot metallurgit SSR." Sverdiovsk, Izd. UPI, 1965. 39 p.
- YETRA, R., <u>and</u> G.VETRA. [We are going your way] Mums nav pa celam. Riga, Liesma, 1968. 65 p. [In Latvian]
- VITVER, I. A. [Economic geography of foreign countries] Ekonomicheskala geografiia zarubezhnykh stran. Pod red, V. P. Maksakovskogo. Moskva, Prosveshchenie, 1967. 541 p.
- VSESORIZNYI LENINSKII KOMMUNETICHESKII SORUZ MOLODEZHI. [Statute of the Komsomol. Passed by the 14th Congress of the Komsomol] Ustav Printal XIV s"ozdom VLKSM. [Moskva] Molodnia gvardila, 1963. 31 p. (Bibliotechka "Vstupalushchemu v komsomol")

- VSESOIUZNYI LENINSKII KOMMUNISTICHESKII SOIUZ MOLODEZHI [Statute of the Komsomol Passed by the 14th Congress of the Komsomol (with partial amendments introduced by the 15th Congress of the Komsomol)] Ustav. Priniat XIV s
- ZACCHNAIA VYSSHAIA PARTIINAIA SHKOLA. Kaledra politicheskol ekonomii. [Crittcism of bourgeois and reformational economic theories in V.I. Lenin's work] Kritika burzhuaznykh i reformistskikh ekonomi cheskikh teorii v trudakh V.I. Lenina, Moskva, Mysl', 1966. 371 p.
- ZEN'KOV, I.S., and M.IA.RUSAKOV. [Economics of construction] Ekonomika stroitel'stva. Moskva, Vysshala shkola, 1967. 358 p.
- ZHEREBTSOV, L.A., and M.P.MIKRIUKOV, [The plant and the people] Zavod i liudi. [Perm'] Permskee knizhnee lzd-vo, 1985. 42 p.

# 6. POLITICAL SCIENCE

- [ALEKSANDR CHAPAEV AND OTHERS] Aleksandr Chapaev i drugie. Izd. 2., ispt. i dop. Moskva, Politizdat, 1967. 272 p.
- ARKHANGEL'SKII, V. V. Nogin (Moskra) Mołodaja gyardila, 1966. 318 p. (Zhizn' zamechatel'nykh hudei Serila blografii, no. 16(384))
- ASHAND, V IA [Criticism and self-criticism in the life and work of the CPSU; for universities of Marxism-Leninism] Kritika I samokritika v zhizni I deiatel'nosti KPSS, difa universitetov marksizma-leninizma. Moskva, Mysl', 1988, 45 p (Partiinoe stroitel'stvo)
- DASIN, O. IA., ed. [Political dictionary] Politicheskil slovat'. Moskva, Kriga, 1964. 387 p. (CaALU)
- BASKAKOV, D.G. [Biographies of emblems, flags, and anthoms of foreign countries] Biograffi gerbov, flagov, glmnov zarubezhnykh stran. Moskva, Politizdat, 1967 158 p.
- BEBEL, AUGUST, [From my life, Translated from the German] Iz moel zhizat, Moskva, Gos. izd-vo poëtt, ht-ry, 1903. 799 p. (OU)
- BEZUGLOV, A.A. [When a deputy receives his orders...] Deputatu dan makaz... [Moskva] Mosk, rabochit, 1967 79 p. (V pomoshch' agitatoru i propagandistu)
- CHORNEIKO, MYKHAILO. [So that we may not forget the events of these days] Shehob ne zabuty 1 denni podii. [Saskatoon] 1984. 131 p. (IU) (huU)
- DENISOV, A.1. [Basic constitutional principles of the social system of the U.S.S.R.; for the universities of Marxism-Leninism; Konstitutsionayo osnovy obsichestvennogo ustrolstva SSSR; difa universitetov marksizma-leninizma. Moskva, Myst', 1966—54 p (Osnovy sovetskogo gosudarstvennogo stroitet'stva i prava)
- [EVERYTHING FOR THE PEOPLE; stories about the delegates to the 23d Congress of the CPSU] Vsc Hudiam, rasskazy o delegatakh XXIII s'ozda KPSS, [Kuibyshev] Kuibyshevskoe kuizhnae izd-vo, 1900. 140 p. (CSt-II)
- [GIRL FROM THE "DUBOIS CLUB"] Devushka iz "Kluba Diubua." Moskva, Pravda, 1987, 45 p. (Biblioteka "Komsomol'skoi pravdy," no. 2)
- INSTITUT MARKSIZMA-LENINIZMA, Moscow, [History of the Communist Party of the Soviet Union] Istoriaa Kommunisticheskol partii Sovetskogo Soluza, Moskvo, Izd-vo polit, lif-ry, 1966, 6 v. illus., plates, maps. (1EN)
- IOANNISIAN, A.O. [The problem of nationality in the publicistic work of Mikael Nalbandian] Vopros natsional mostive publicistike Mikaela Natbandiana. Erevan, Armiauskoe gos. lzd-vo., 1955. 88 p. (Inti)
- KALINYCHEV, F.I. [Supreme governmental bodies of the U.S.S.R., for universities of Marxism-Leninism] Vysshite organy gosudarstvennol vlasti SSSR, dila universitotov marksizma-leninizma, Moskva, Mysl', 1906, 54 p. (Osnovy sovetskogo gosudarstvennogo stroitel'stva i prava)

- KALITA, P. [Your ideology and responsibility] Tavs idejiskums un atbildiba. Riga, Liesma, 1968. 73 p. [in Latvian]
- KAZANSKII FINASOVO-EKONOMICHESKII INSTITUT, [Methodological advice for seminars on the history of the CPSU] Metodicheskie sovety k seminaram polstorii KPSS, Kazan', Gazetno-zhurnal'noe izd-vo Tatarskogo obkoma KPSS, 1966, 192 p. (CSt-H)
- KELLER, L.S. V.N. Kalurov. [Gor'kli] Volgo-Viatekoe kulzhnee izd-vo, 1966. 82 p. (Nizhegerodiay-revollutaionery)
- KLIUCHEVA, Z.I. [Collective work is the highest principle of party leadership, for universities of Marxism-Leninism] Kollektivnost' - vysskii printsip partiinogo rukovodstva, dlia universitetov marksizma-leninizma, Moskva, Mysl', 1966. 77 p. (Partiinoe stroitul'stvo)
- KOMMUNISTICHESKAIA PARTHA ARMENII Stord 24
  1966. [Resolutions of the 21th Congress of the Communist Party of Armenia] Resolution. Erevan, Alastan, 1966—33 p
- KOMMUNISTICHESKAIA PARTIIA UZBE KISTANA. Tsentral'nyl komitet. Otdel propagandy I agitatell. [Principles of party work; a textbook for the system of party education] Osnovy parttingo strollel'stva, uchebnoe posoble dila statemy partlingo provuoshrheniia, Tashkent "Uzbekistan," 1966, 350 p.
- LASHIN, A.G. [Origin and development of the socialist state] Vozniknovenie i nazvitic sotsialisticieskogo gosuđarstva. [Moskva] Izd-vo Mosk, univ., 1965. 416 p. (MosW)
- LENIN, V.I. [Imperialism as the highest stage of capitalism; a popular sketch] Imperializm, kak vyashala stadila kapitalizma, populiarnyi ochork. Moskva, Politizdat [1907] 136 p.
- LENIN, V.I. [V.1. Lenin on ideological work] V.I. Lenin ob ideologicheskoi rabote. Moskva, Politizdat, 1965. 435 m.
- MELIKIAN, O.N. [Neutralism of African states] Neutralizm gosudarsty Afriki. Moskva, Nauka, 1966. 145 p.
- MH. MAN, A. SH. [Political system of Azerbaijan in the 19th and early 20th century; administrative organs and courts, ways and methods of cotonial administration] Politicheskii stroi Azerbaidzhana v XIX - nachaie XX vekov, administrativnyl apparat i sud, formy i metody kolonial/nogo upravlenila. Daku, Azerbaidzhanskoe gos. izd-vo, 1966, 317 p.
- MOLCHANOV, N. N. [The U.S. A. and Western Europe] SSIA i Zapadnala Evropa. Moskyn, Znanic, 1967. 46 c. (Novos v zhizni, nauke, tekhnike. VII Seriia: Mezhdunarodnala, no. 2)
- PANACHIN, F.G. [Lenin's style in party and governmental work, for universities of Marxism and Leninism]
  O teninskom stile v partimol i gosudarstvennoi rabote;
  dlia universitetov marksizma-teninizma. Moskva,
  Mysl', 1066. 62 p. (Partimoe stroitel'stvo)
- [PARTY GaOUPS AND THE DUTIES OF COMMUNISTS REQUIRED BY THE PARTY STATUTE] Partificata gruppa i ustavnye trobovanila k kommunistu. [Moskva] Mosk, rabochil, 1965. 62 p.
- [PAY ATTENTION TO THE INDIVIDUAL; from practice of party mass work in the party organizations of Chelysbinsk Province! Volumela cheloveku; iz opyta partition-massovol laboty v partorganizatsifakit Cheliabin-skof oblasti. [Cheliabinsk] IUzhno-Ural'skoe kaizhno izd-vo, 1066. 210 p. (CSt-II)
- PESIKIN, F.A. (Toward a single goal) on the friendship and cooperation of socialist nations in the Volga Valley! K edinoi iseli; o druzhbe i sotrumilear-two sotsialisticheskish natsi v Povolzh'e. Gor'kil, T'algo-viatskoe knizhnee izd-vo, 1966. 61 p. (CSI-II)
- PETLIURA, SYMON. [The Moscow louse; uncle Semon's story describing how Moscow lice devour the Ukraine and what we should do with them] Moskows ka vosha, opovidannia diadka Semena pio to, lak moskovs ki voshi idiati Ukrainki ta shcho z nymy troba robyty. Paris Biblioteka im. S. Petliury i Natsionalistychne vyd-vo v Evropi, 1966. 100 p.
- [PROBLEMS OF PARTY LIFE] Voprosy partinoi zbizat. Moskva, Pravda, 1907. 349 p. (V pomoshchi izu ciniushchim partimoo stroitel'sivo)

- [RFAL ENTHUSIASTS, work experience of public service organizations] Todified citusfastid, unish and likel alusic liegui-coate organization becomusited. Tulium, Festi Rajmah, 1985—133 p. [In Estonian]
- RUSSIA (U.S. 8. R.) Upra, icrne prepodavanin obshchestvennykh raw [Program And subject mitter of test papers on the Instory (I the CP-DI, for students of secordary ocational schools] Programma i tematica kontrollnykh rahot po istoru KPSS, dia uckusichikhsia ziorhmikov srednik h spetsfallnykh uckebnikh zivedenii Moska, Mysil, 1957—79 p
- RZHEVSKII, V.A. [The territorial organization of the Saviet state] Territorial mais organizatsula sovetskogo gosudarstva. Pod obshicher red. I.E. Farbera, Sarator, Privolzhskoe knizhnoe izd-vo, 1966. 142 p (CSI-H)
- SHITAREV, G.1 [The CPSU is the leading force of the Soviet's entry in its struggle for communism, for universith's of Marxism and Lemnism] KPSS tubordizabilitia sails sovetslogo obslichestica vo to be za kommunizm, dlat universiteto marksizma-lemnizma Moskya Mysi' 1966—52 p (Partimos strottel'stvo)
- STRAKHOV, N.N. [Origin of state and law, a summary of feetures] Voznił novenie gosudarstva i prava, konspet feltali, Khar'kov, Khar'kovskii furid, in-t, 1965, 44 p. (Na pravakh rul opisi) (CSt-H)
- THORIZ, MAURICE. [Sciented articles and speeches, 1930-1964. Translated from the French] Introduce etat's freehilp30-1964 gg. Moskva, Izd-vo point, lit-ry, 1966. 661 p. (CaOTU)
- VINOGRADOV, A. N. [The Supreme Soviet of the R.S.F.S.R.] Verkbovnyi Sovet RSFSR - Mogkva, IUrid Intera, 1967 - 69 p.

## 7. LAW

- AKADEMIIA NAUK SSSR. Institut gosudaistva i piava. [Legal problems in the lineary of administration] Pravovye problemy nauki upravlentia. Moskva, IUrid. III-ra, 1988. 223 p.
- ALEKSANDROV, N.G., and G.V.MUTSINOV [Labor law, a manual for the students of the faculties of civil and labor law of people's universities]. Trudovoe pravo, uchebnoe posobie dila slushatelel narodiny h universitetov fakul'tetov grazhdanskogo i trudovogo zakonodatel'siva Moskva, Znanie, 1967–1969 (Narodnyi universitet Fakul'tet pravovyh znanii, nos 1/2).
- ALENSANDROVA, K. I. [Practice of the Maritime Abilterion Commission in the examination of disputes arising from shipping goods by seal Praktika morskol abitrazimot komissit po sporam, vytekajushchim iz perevozk gruzov morem. Moskva, Transport, 1965–59 p
- ANISIMOVA, T.B. [Constitutional and legal forms of nationalities relations in the U.S.S.R., a manual for universities of Marxism-Lennism [Goswantstvanno-pravovye formy natsional nykh otnoshenit v SSR; dha universitetov marksizma-lennizma. Moskva, Mysl', 1986. 61 p. (Osnovy sovetskogo goswarstvennogo stroktel stra i prava)
- ARMENIAN S. S. R. Verkhovnyl Sovet. [Meetings of the Sixth Soviet of the Armenian S. S. R., seventh session December 22, 1965. Verbatim report] Zasedaniia Verkhovnogo Soveta Armianskoi SSR shestogo sozyva, sed maia sessiia 22 dekatria 1965 g. Stenograficheskii otchet. Erevan, Izd. Verkhovnogo Soveta Armianskoi SSR, 1966. 204 p.
- AZERBALIAN. <u>Laws, statutes, etc.</u> [Civil code of the Azerbaijan S.S.R.] Azerbaijchan SSR Mulki mecheltesi Baky, Azerbaijchan SSR All Sovetinta neshri, 1985 297 p. [In Azerbaijan]
- BAIBAKOV, N.K. [State plan for the development of the national economy of the U.S.S.R. in 1967; a report and closing argument at the second session of the Seyenth Supreme Soylet of the U.S.S.R., December 15 and 19, 1966. The law of the Union of Soviet Socialist Republics on the state plan for the development of the national economy of the U.S.S.R. in 1967] O Gosudarstvennom plane razvitila narodnogo khozialstva SSSR na 1967 god; doklad i zakliuchitel noe slovo na vtoroi sessii Verkhovnogo Soveta SSSR sadimogo sozyva 15 i 16 dekabria 1966 goda. Zakon Soluza Sovetskikh Sotsialisticheskikh Respublik o Gosudarstvennom plane razvititia narodnogo khoziafstva SSSR na 1967 god. Moskva, Politizdat, 1966. 61 p.

- BRATUS', S. N. [Civil laws of the Soviet Union and the Union Republics, for universities of Marxism-Leninism] Grazhdanskoe zakonodatel'stvo Sonuza SR i sonuznykh respublik, dita universitetov marksizma-leninizma Moskva, Mysl', 1965–62 p (Osnovy sovetskogo gosudarstvennogo strontel'stva i prava)
- ESTONIAN S. S. R. Laws, statutes, etc. [Statute on elections to the Supreme Soviet of the Estonian S. S. R. Adopted by decree of the Presidium of the Supremu Soviet of the Estonian S. S. R., December 19, 1950. With amendments and supplements introduced by carries of the Presidium of the Supreme Soviet of the Litoman S. S. R., December 27, 1958, January 13, 1959, January 19, 1963, and November 26, 1966] Polozhenie o vyborařn v Verkhovnyi Sovet Estonskol SSR Tekst, utverzhdennyi Ukazom Prezidiuma Verkhovnogo Soveta Estonskol SSR of 1969, s izmenenitami i dopolnenitami, vnesemnymi Ukazom Prezidiuma Verkhovnogo Soveta Estonskol SSR of 27 derábin a 1958 g., 13 innvaria 1959 g., 19 ianvaria 1968 g. i 26 rotabita 1966 g. Tallinn, Eesti Raamai, 1966, 30 p.
- GABRICHIDZE, B. N., and I. F.RIABKO. [Local soviets and the inculcation of the socialist understanding of law in workers] Mestaye Sovety i vospitanie sotskalisticheskogo pravosozianija i udijašichiklista. [Rostov-na-Donu] Izd-vo Rostovskogo unik., 1964. 74 p.
- GORDON, M.V. [Soviet civil law] Radians'ke isyvil'ne pravo, Kharkiv, Vyd-vo Kharkivs'koho univ, Pt.2. Vyd. 2. 1966. 314 p.
- [HANDBOOK OF INTERNATIONAL MILITARY AND NA-VAL LAW] Voenno-morskoi mezhduan odno-pravovoi spiavochnik [Bv] P D Baiabolia i di Moskva, Voenizdat, 1966 500 p
- IAKOVLEVA, E.M. [Development of contractual relations in the state industry of the U.S.S.R. for supply and delivery, 1917-1937] Razvitle degovornykh svincti gosud ristvennol promyshlennosti SSSR po snabzhenilu i sbytu, 1917-1937 gg. Dushanbe, Irfon, 1965. 445 p. (CSt-H)
- WANOV, V.A. [Preliminary examination in Soviet of hainal procedure, a textbook on "Preliminary examination and investigation of criminal offoneos," a special course for students of evening and correspondence departments] Doznanie v sovetskom ugolovnom protsesse, uchebnoe posoble dila studentov vechernego i znocluogo otdelenti po spetskursu "Rozysk i rassledovanie." [Leningrad] Izd-vo Leningruniv., 1968. 35 p.
- IVANOV, V.A. [Supervisory functions of public prosecutors in the execution of judicial sentences, a textsook for the "Supervisory functions of public prosecutors in the U.S.S.R." course for the students of evening and correspondence departments) Prokurorskit nadzor va ispalmentem sudebnogo prigovora, uchebnoe posoble dila studentov vecheringo I zacchnogo otdelenti po kursu "Prokurorskit nadzor v SSSR." [Leningrad] Izd-vo Leningr, univ., 1966, 30 p. (V pomoshch' studentam vechernikh i zacchnykh vuzov)
- KHAR'KOVSKII IURIDICHESKII INSTITUT, Kafedrat teorii gosudarstva i prava. [Legal relations, a summar y of lectures] Pravovye otnoshentia, konspekt lektsti Khar'kov, 1965. 51 p. (CSI-H)
- KHAR'KOVSKII IURIDICHESKII INSTITUT, Kaledia, ugolovnogo prava i protsessa. [Indictment in Soviet criminat procedure, abstracts of a lecture course] Predanie sudu v sovetskom ugolovnom protsesse, konspekt lektsii. khar'kov, 1985. 34 p. (CSI-H)
- KIRGHIZ S.S.R. Laws, statutes, etc. [Statute on elections to province, district, city, and, village, and settlement soviets of workers! deputies in the Klighiz S.S.R. Adopted by decree of the Presidium of the Supreme Soviet of the Klighiz S.S.R., October 7, 1950. With amendments introduced by decree of the Presidium of the Supreme Soviet of the Klighiz S.S.R., January 9, 1963] Polozhenie o vyborakh v oblastnyo, ralonnye, gorodskie, alluye, sel'skie i poselkovye Sovety deputatov trudisachikhisla Kligtizskoi SSR, Utverzhdeno Ukazom Prezidiuma Verkhovnogo Soveta Kirgizskoi SSR of 7 oktiabria 1960 g. S izmonentiami i dopolnendiami, vnesemvmi Ukazom Prezidiuma Verkhovnogo Soveta Kirgizskoi SSR of 9 ianvaria 1963 g. Fiunze, Izd-vo Kyrgyzstan, 1965. 27 p.
- KOZLOV, IU.D., and KH.B.SHEININ. [People's assessors are judges with full rights] Narodnye zasedateli ravnopravnye sud'i. Izd.2. Moskva, IUrid. Moskva, IUrid. iti-ra, 1967, 71p.

- LAPAI, A.P., and A.K. OBORON'KO. [Statute on the industrial safety commission of the factory and plant local trade-union committee, practical commentary] Polozinete o komissii okhany tuda 17 MK, prakliche skil kommentarif. [Moskva] Profizdal, 1987.
- LATVIAN S.S.R. Laws, statules, etc. [Statute on clearBons to district, city, eity district, settlement and
  vallage aoviets of workers deputies of the Latvian
  S.S.R. Approved by decree of the Prepidium of the
  Supreme Societ of the Latvian S.S. R., Peccada C.S.
  1954. With amendments approved by decrees of the
  Pesidom of the Supreme Soviet of the Latvian S.S.R.,
  January 5 and 20, 1999, March 31, 1961, Decreats 147,
  1962, January 7, 1963 and January 10, 1997/Nollands
  par Latvijas PSR raponu, miseur, pifsetur along
  temato un ciemu darbahauzu deputatu pademja velesanam. Apsthritants ar Latvijas PSR Augstakas
  Padomes Prezidija 1954 gada 21 decemba Chekicto
  At Latvijas PSR Augstakas Padomes Prezidija 1956,
  gada 5, un 20. janvara, 1961, gada 31, marta, 1962
  gada 27, decemba J. 1963, gada 7, janvara un 1907
  gada 10, lanvara Dokretu apstip mattem grazijunden
  un papiddinajumiem. Riga, Liesma, 1967, 22 p. [in
  Latvian]
- [LEGAL HANDBOOK, an aid to the public-spirited worker] Rhiddeneskii apravothulk, v pomosik h' obehelicaticadku, Tushked, "Uzhekistan," 1965. 221 p. (CSI-II)
- LENINGRADSKII GOSUDARSTYENNYI UNIVERSITI I [Soviet administrative law (special parti)] Sovietable administrativnee pravoo (unboema lac hatt). [Leningrad] Lid-vo Leningi univ ,1960. 319 p
- LUPESHKIN, A.1. [Civil rights of Soviet attizens, for universities of Markinn-Lenhitsen]. Pravavoe polozhente sovetskish grazidan, dia universitieta marksizma-lenhilma. Moskva, Mysi', 1966. bi p. (Osnovy sovelskogo gosudarstvennogo strottel'stva i mrava.
- PASHKOV, A. S. [Legal regulation of the training and assignment of workers, some problems of theory and practice] Pravovoe regularovante pedgotovki i raspredetentia kadrov, mentory evoprosy ten it praktiki. [Leningrad] lzd-vo Leningramis., 1996-196 p.
- POBEGAILO, E. F. [Murders in the first depice—and their control, a criminal Lay and criminological study; Umyahlemye ublisty, i borba a nimi; ugokowno-pravo voe i kriminologichoskor instedovanie. Voronezh, Ld-yo Voronezhskogo univ., 1965. 203 p.
- ROSTOVSKII GOSHDARSTVFNNYI UNIVERSITET. [Soch t elvil law; lectures for correspondence stadenta] Socitskoe grazzidanskoe pravo, loktyli dlia studentov-zauchs nikov. Rostov-na-Donu, 1903. 1 v. (CSt-H)
- RUSSIA (R.S. F.S. R.) Constitution. [Constitution (finishmental law) of the Russian Soviet I ederated Socialist Republic, with amendments adopted at the fourth first ston of the Sixth Supreme Soviet of the R.S. F.S. II ] Konstitutsia (osnovnoi zden) Rossiskol Sovelskol Federativnoi Sotsialisti heskol Russpubliki S. Izmenenismi I dopolnenismi, prinalymi a chetvertal sessii Verkhovnogo Soveta RSFSR shestogo 607yva. Moskva, IUrid. 11:-14, 1998. 29 p.
- RUSSIA (R.S.F.S.R.) Laws, statutes, etc. [Crimiaal code of the R.S.P.S.R. Official fext with americane as of September 16, 1966, and supplementary materials on the articles] Unolovnyi kodeks RSFSR. Offindayi tekst s izmenentami na 16 mentiabri 1966 g. 1 s prilozheniem postatelno-sistematizirovannykh materialar. Moskva, 10rid. 18-1a, 1966. 251 p.
- RUSSIA (R. S. F. S. R.) Verkhovnyt Sovet, [Meetings of the Sixth Supreme Soviet of the R. S. F. S. R., seventh stasion, August 16-17, 1966; vorbatim report] Zaradanta Verkhovnogo Soveta RSFSR shostogo bozyva, sedimala sessila (16-17 avgusta 1966 g.); stonograffeneskil elekt, [Moskva] 1960, 199 p.
- RUSSIA (U.S.S.R.) Verkhovnyl Sovet. [Meetings of the Seventh Supreme Soviet of the U.S. S. R., first session, August 2-3, 1966, verbatim report] Zasedanika Verkhovnogo Soveta SSSR sed'mogo sovyva, pervata aussila (2-3 avgusta 1966 g.), stenografichoskii etchel, Moskva, 1966, 278 p.
- [STANDARD FIRESAFETY REGULATIONS FOR APART-MENT HOUSES, ADMINISTRATIVE BUILDINGS, HOSTELS, HOTELS, AND PRIVATE GARAGES] Thoreye pravila pozharnoi bezopasnosti dia zhilykh domov, administrativnykh zdanti, obshchozhiti, gostinis i individual nyich garazhol. Moskva, Stroitzdat, 1966-16 p

- SVERDLOVSKH IURIDICHESKH INSTITUT. [An aid to the students of the People's Law University] V pomoshch' slughateliam Natokhogo universiteta pravovykh znanii. Sverdiovsk, Sredne-Ural'shoe knizhnoe tzd-vo. 1964. 147 p. (CSI-H)
- TAJIK S. S. R. Constitution, [Constitution (fundamental law) of the Tajik Soviet Socialist Republic] Tozhikiston Sovet Sotsialistik Respublikasining Konstitutsilasi (asosii konuni), Tozhikiston SSR Sovetlar fawulodda VI s'ezali tontonidan 1937 ili 1 martda tasdiklengan 1965 ili (anvartsagi uzgartish va kushimchaku bilan, Dushanbe, Infon, 1965, 30 p. [In Uzbel.]
- TAJIK S S.R. Verkhovnyl Sovet [Meetings of the Sixth Supreme Soviet of the Tajik S S.R. Jourth Session, December 22-23, 1964, verbatim report] Zasedanih Verkhovnogo Soveta Tadahikskoi SSR shestiga sovyva (chetvertam sossibl) 22-23 dekabi ri 1964 goda, stenograficheskii olchet [Dubhanhe, 1965] 477 p. [In Tajik, Russian, and Uzbek]
- UKRAINE, Laws, statutes, etc. [The criminal procedure code of the Ukrainlan S.S.R., with amendments as of July 1, 1963] Kryminal'ino-protesenal'nyl kodeks Ukrains'kol RSR, iz zminamy i dopoynemilany na 1 lypnia 1963 roku. Kyiv, Derzh, vyd-vo polif. lit-ry URSR, 1964, 222 p.
  (NN)

## 8, EDUCATION

- AKADEMHA PEDAGOGICHESKIKH NAUK RSFSR, Institut obshchego i politickhnicheskogo oby azevanita. [For success in promoting all pupils; it om the work practice of feachers of primary grades of the Altai Territory) Za rabotu ber viorogodnikov, iz opyta rabotu uchitolei nachal'nykh klassov Altai-skogo kraia. Pod red. M.S. Vasil'evo'i T.G. D'lakonovoi. Moskva, Prosvesnehenie, 1964. MIP.
- AKADEMIJA PEDAGOGICHESKIKI NAUK RSFSR, Institut vechen nikh (smennykh) I zaochnykh si edulkh sikol, [Inculcition of the Communist atlitude towa d work in students of evening schools] Vospitante kommunisticheskogo etnoshenila k tudo u uchashelikhsia vechernikh sikol, Pod ted. L.A. Vysatinol. Moskva, Prosvoshchenie, 1904, 114 p. (Pedagogicheskio cikenila) (NIC)
- BELOZEROV, S.E., ed. [Rostov State University, 1915-1965, articles, memolia, documents] Rostovskii gosudai stvennyl universitet, 1915-1065, stat'i, vospominaniia, dokumenty. [Rostov-na-Donu] Ld-vo Rostovskogo univ., 1965, 356 p.

  {Mil}
- BERIZNIAK, IE.S. [Problems in the supervision of the work of acheols and teachers] Pytannia inspektuvannia raboly slikoly i vehytelia. Kylv, Radians'ka shkola, 1954. 279 p. (NN)
- BUR ISEVA, M.E. [Health days in school] Dni zdorovia v shkole Moskva, Prosveshchente, 1968 42 p. NIC:
- CHUMAKOV, P.A., ed. [Sports games] Sportivnye igry. Moskva, Fizkul'tura i sport, 1988. 406 p.
- DEMUROVA, E.IU., and L.F. OSTROVSKAIA, comps.
  [The head of a kindergarten] Zavedulushchafa detskim sadon, Moskva, Prosveshchenio, 1966, 142 p.
  [NIC]
- D'IACHROV, V. M. [Always young] Vechno molodye Moskwa, Zhanie; 1987. 60 p. (Novoe v zhizni, nauke, tekhnike X Sezila Molodezhnata, 5)
- ESTONIAN S.S.R. Korgema ja Kesk-Eribariduse Komitee. [Manual for technical schools and other secondary vocational schools of the Estonian S.S.R.] Eesti NSV lehnikumid ja muud kesk-erioppeasutused; teatmik. Tallinn, 1965, 69 p. [In Estonian]
- GAGARII., S.P. [The work of the Ul'yanovsk Province party organization in strengthening the ties of schools with life, 1956-1963] Delatel nost 'Ul'anovskoi oblastnoi partiinoi organizatsii po ukropleniiu sviazi sikoly s zhizn'iu, 1956-1963 gg [Saratov] Privolzhskoe knizinnoe izd-vo, 1964 35 p. (CSt-H)
- GLINTERNIK, A.M. [68 lessons on health] 68 utokov zdorovin. [Moskva] Profizdat, 1967. 117 p.

- GOL'DBERG, A. M. [Characteristics of independent written language of deaf students (2d-4th grades)] Osobemosti samostolittel'noi pin' mennoi nechl glukhikh shkol'nikov (H-IV klassy). Moskva, Prosveshehente, 1966. 238 p
- GORA, P. V. comp [Practice in studying the history of the Middle Ages in the 6th grade] Opyt izuchenia istonit siednikh vekov v VI klasse Moskva, Prosveshchenie, 1965. 209 p.
- GRANIL'SHCHIKOV, IU.V, S.G VEITSMAR, and V.F. SHIMANOVSKII. [Mountaineering] Gornyi turizm Moskva, Fizkul'iura i sport, 1966 110 p
- GUTERMAN, V.A. [A source of vitality and health] Istochnik bodrosti i zdorov'ia. Moskva, Znanie, 1967, 31 p. (Narodnyl universitet: Fakul'tet zdorov'ia, no.3)
- [I MADE A WREATH] Pinu vainadzinu [Riga] 1906 108 p [in Latvian]
- [IN THE RING] Na ringe, sbornik statel Moskva, Fizkul'tura i sport, 1966 186 p
- [INTERNATIONAL EDUCATION OF WORKERS] International ne sykhovama trudiask hikh Kyiv, Naukovadonka, 1968—191 p (Mizhvidomehyi rospublikansky) zbirnyk)
- IURZHENKO, O. I., PERSHYNA, Z., and H. VIAZOVS'-KYI. [Odessa University is 100 years old] Odes'konguniversytefu sto rokiv. Odesa, Vyd-vo Majak, 1965. 80 p. (CII)
- KORBUT, E V. [Tennis tactics] Taktika tennisa. Moakva, Fizkul'tura i sport, 1966—111 p
- MATVEEVA, L.G. [Do we always understand them?] Vaegda II my ikh ponimnem? Moskva, Znanie, 1966 77 p. (Narodnyt universitet Pedagogleheskii fakuluct, no. 12)
- MYKHAILOV, M.I. [Kiev Dynamo] "Dynamo," Kyiv, Zdorov'la, 1966. 93 p.
- NAUCHNO-ESI FDOVATEL'SKII INSTITUT PEDAGOGIKI, Minsk. [Use of technical aids in instruction in schools of general education; collection of reports, read at the Republic Scientific and Practical Conference in Minsk in 1984] Ispol'zovanie tekhnicheskikh si edstv v uchebno-vospitatel'noi abote obshibeobrazovatel'noi shkoly, sbornik dokladov, prochitannykh na respublikanskoi nauchno-prakticheskoi konferentsii v g. Minske v 1964 g. Pod red. N.S. Molochko, Minsk, Nai odnaja asveta, 1985. 53 p.
- [ON THE COMMUNIST EDUCATION OF STUDENTS]
  O kommunisticheskom vospitanti uchashchikhsin,
  sbonnik statet, Ufa, Bashkirskoe katzhnoe izd-vo,
  1965(CSI-H)
- PITOV, V.I., and V.POPOV. [Study communism, from the practice of educational work in the schools of higher education in the Ukrainlan S. S. R.] Uchil'sla kommunizmu, 12 opyta vospitatel'not rabety v vuzski Ukrainskoi SSR. Kiev, Izd-vo polit, lit-ry Ukrainy, 1965. 201 p. (InU)
- PLUNGIAN, E.M. [Learn to study independently] Uchirisia rahotat samowiolatel'no. Moskva, Prosveshchenie, 1965. 118 p. (NIC)
- POSTUPAL'SKAIA, M.I. [Discovery of the world] Otkrytic mira. Moskyn, Zhanie, 1967. 79 p. (Narodnyi universitet: Pedagogicheskii fakul'tet, no.1)
- RUSSIA (R.S.F.S.R.) Uchebno-metodicheskii kabinet po srednemu spelsial nomu obrazovanile. [Programmed instruction] Programmirovanuce obuchenie. Moskva, Vysshaia shkola, 1965. 37 p. [MICROFILM]
- RUSSIA (U.S.S.R.) Ministerstvo vyeshego i srednego spetsialinogo obrazovanita. [Program for a course in scientific communism; for institutions of higher education] Programma kursa nauchnogo kommunizma, dlia vysslikh uchebnykh zavedenii. Moskva, Mysti, 1967, 31 p.
- RUSSIA (U.S.S.R.) Ministersivo vysshego i srednego spetsial'nogo obrazovanila. (Program for the course in the history of philosophy for the institutions of higher education (70 hours)) Programma kursatstorifa filosofii dila vysshikh uchebnykh zavedenii (70 chasov). Moskva, Mysl', 1907. 51 p.

- SEMIRIAR "PROGRAMMIROVANNOE OBUCHENIE I OBUCHAUSHCHIE MASHINY." [Reports of the Sembar "Programmed Instruction and Teaching Machines"] Sembar "Programmi ovannoe obuchenie i obuchatushchie mashiny", [loklady] Klev, Nukova dumka No 4 2065. 114 p.
- SIMAKOV, V.1. [Souce: , tactical combinations in placing the ball into play] Fulbol, takticheskie kombinatsii pri vvedenii miacha v igru. 2. 1/d., ispr.,i dop. Moskva, Sovetskaja Rossila, 1965. 108 p.
- SLAVINA, L.S. [Children with affective behavior] Detl s affektivnym povedeniem, Moskva, Prosveshchenie, 1986—148 p.
- [SPORTS STARS] Sportivnoe sozvezdie Moskva, Sov Rossiu, 1967 195 p
- STREZIKOZIN, V. P. [Organization of the process of teaching (a school) Organizatsita proteessa obuchenila v sikole, Moskva, Prosvesichenie, 1964–270 p (NIC)
- [TRAINING FEMALE GYMNASTS ACCORDING TO THE CLASSIFICATION PROGRAM FOR 1966-1969, a manual for leachers, trainers, social instructors and activist gymnasts! Podgolovka gimnastor-zhoushehin po klassifikatsionnoi programme 1966-1979 gg., uchebnoe posoble dila prepodavatelni, trenerov, obsichestvennykh instruktorov i aktiva gimnastov, Moskva, Fizkultura i sport, 1966, 149 p.
- [TRAINING MALE GYMNASTS ACCORDING TO CLASSIFT-CATION PROGRAM FOR 1986-1966; a manual to teachers and trainers in gymnastics of school sections, children's sports schools, rural youth schools and physical culture groups | Podgotovak gimnastov-muchchin packlassifikatsionnoi programme 1966-1960 gg, uchebnoe posobie dila preochavatele i treneroy gimnastiki shkol'nykh sektsii, DSSh, ShSM i kollektivov fizicheskoi kul'tury Moskya, Fizkul'tura i sport, 1066-1962 p.
- TRAPEZNIKOVA, T.Z., comp. [Problems of education during Russian lessons, articles on work practice] You eavy copitantia na urekakh russkogo lazyka, shornik statel iz opyla rabety. Leningrad, Prosvenichenie, 1965. 178 p. (NIC)
- [20 YEARS OF THE LATVIAN STATE INSTITUTE OF PHYSICAL CULTURE] Latvijas Valsta fiziskas kultutas institutu 20 gadi. Latviiskomu gosudarstvennomu institutu fizisheskol kul'un y 20 let. Riga, Zvaigzno, 1906. 1 v (chiefly liber) [Parallel texts in Latvian and Russian]
- UZBEK 8, 8, R. Ministersivo prosvegichenila. [Secondary school programs for 1966/67. Physical education for 9th and 10th grades] Programmy strednel shkoly na 1066/67 uchebnyi god. Fiziglioskoe vospitanie difa IX-X klassov. Tashkeni, Uchitel', 1966. 34 p.
- VERZINA, A. K. [Geographical games in school; from work experience] Geograficheskie igry v shkole; ir opyla raboly. Moskva, Prosveshchenie, 1906 00 p.
- ZVOLINSKAIA, IU.1 [Didactic material on the Russian language for grade 4 of the two-group school] Didakticheskti material po russkomu iazyku dlia 1v klassa dvukomplend shkoly led 3 Moskva, Gos. uchebno-pedagog led-vo, 1982. 175 p
  (NIC)

# 9. MUSIC, THEATER & MOTION PICTURES

- ALIEVA, ADEL' [M. F. Akhundov and the theater; stage history of dramaturgy] M. F. Akhundov i teatr; k sisenicheskoi istorii dramaturgii. Baku, Izd-vo Akad, nauk Azerbaidzianskoi SSR, 1986. 100 p
- BEILIN, A. Arkadii Raikin. [Leningi ad, Iskussiyo, 1900] 192 p. illus, NKC
- BEREZKIN, V.I. [The artist and the performance] Kludozhnik i spektaki'. Moskva, Znanic, 1967 77 p. (Narodnyi universitet, Fakui'tet literatury t iskusatya, 2)
- BILETS'KA, L.K. [Soviet Ukrainian iheator today] Ukrains'kyi radians'kyi teatr s'ohodni. Kyiv, Znannia, 1965. 39 p. (CaOTU)

- CHUDMOVSKII, M.A. [A director produces an opera, the creative path of B.A. Pokrovskii, people's artist of the U.S.S.R.] Reshisser stavit opera, tvorcheekii put' nirodnogo artista SSSR B.A. Pokrovskogo. Mosiva, Islussivo, 1967. 214 p.
- [COMEDIANS OF THE WORLD SCREEN] Komika mirovogo ekrana. Moskva, Iskusstvo, 1966–285 p. tilus.
- GABOVICII, M M [Inspired flight, the art of ballet]
  Dushof ispoinemyl polet, ob iskussive baleta [Mo-skva] Molodaia gvardila, 1966 170 p
- GUDRIKE, BIRUTA. [Heart given to the slage, Paula Baltabola in her life and art] Skatuvef atdota sirds, Paula Baltabola dzīve un mrksla. Rīga, Liesma, 1966. 218 p. [in Latvian]
- HAKKEBUSH, V.V. [Encounters with theaters abroad]
  Zustrichi z zarubizhnymy teatramy. Kyiv, Mystelstvo,
  No.2, 1966, 163 p.
- IAB LOCHKINA, A.A [75 years in the theater] 75 let v teatre. Moskva, Vseros.teatr ob-vo, 1966 445 p
- IAKUBOV, M A. [Sergei Agababov, 1926-1959, a sketch of his life and work] Sergei Agababov, 1926-1959, ocherk zhizni i tvorchestva Moskva, Muzyka, 1966. 157 o
- IEFREMOVA, I. P. ["Forest song," an opera by V Kyreiko] "Lisova pisnia", opera V. Kyreika. Kyiv, Mystetsivo, 1965. 49 p. (CaOTU)
- KHOPNITSKAIA, M.IA. [A study of the traditional dances of the peoples of Yakutia] Opyt Izuchenila traditisionnykh tantsev narodov IAkutii. Moskva, 1964. 10 p. (International congress of arthropological and ethnological sciences. 7th, Moscow, 1964. [Papers, no. 24]) (CaQMAI)
- MARCHENKO, T A. [The art of being a spectator, or, Aninvitation to an argument] Iskussivo byt' zritelem ila, Priglashenie k sporu. Leningrad, Iskussivo, 1966 237 p
- MOSKOVSKII TEATR SATIRY. [A theater which laughs, ridicules and educates] Teatr, kotoryi smeetsia, izdevaetsin i utverzhdaet [Moskva, Iskusstvo, 1966] I v. (chtcfly Illus.)
- [MY ROLE] Moia rol', sbornik statel. Moskya, Iskusstvo, No.4. 1966. 56 p. (Repertuar khudozhestyennol samodelatel'nosti, no.8)
- [ON WINGS OF SONG, a songbook] Na krylakh pisni, pisennyk [Kyiv, Mystetstvo, 1966] 287 p.
- RNKULE-ZEMZARE, DZIDRA, and ARVIDS ŽILIN-SKB. [Woodpecker's smithy, songs in verse Translated from Latvian] Kuznitsa diatia, stikht-pesni Riga, Llesma, 1966 41 p
- ISSIAN MUSIC AT THE TURN OF THE 20TH CENTURY, articles, reports, publications] Russkala muzyka na rubezhe XX veka, stat'i, soobshchenia, publikatsii. Moskva, Muzyka, 1986. 295 p.
- [SCHOOLCHILD'S MUSIC CALENDAR, 1967] Myzykal'nyi kalendar' shkol'nika, 1967. [Moskva, Muzyka, 1966]
- SVITOVA, K.G. [Folk songs of Bryansk Province] Narodnye pesni Brianskoi oblasti. Moskva, Muzyka, 1866. 240 p.
- VOLYNS'KYI, I. Z. [Anatolii Iosipovich Kos-Anatol'skii; a sketch of his life and work] Anatolii Iosypovych Kos-Anatol's'kyi, narys pro zbyttia i tvorchist', Kyiv, Mystetstvo, 1965, 74 p. (Captin
- ZHAROV, M. I. [Life, theater, motion pictures, reminiscences] Zhizn', teatr, kino; yospominaniia. [Moskya, Iskussiyo, 1967] 379 p.
- ZHUKOVA, L. L. [Art of operetta] Iskusstvo operetty. Moskva, Znanie, 1967. 76 p. (Narodnyi universitet. Fakul'tet literatury i iskusstva, no.1)

## 10. FINE ARTS

- [AFRICAN ART] Iskusstvo Afriki Moskva, Nauka, 1967. 100 p.
- [ART AND THE PEOPLE] Iskusstvo i narod. Moskva, Nauka, 1966. 284 p.
- BORESOVEKII, G. B. [Man as the measure of things] Chelovek - mera veshchel. Moskva, Iskusstvo, 1966, 140 p.

- CHESNOKOVA, G.A. [Designing barbershops and hair-dressing establishments] Proektii ovanle parlkma-kherskikh. Moskva, Stroiizdat, 1986. 87 p
- FAVORSKII, V.A. [About artists, creative work, and books] O khudozimike, o tvorchestve, o knige. [Moskva] Molodaia gvardiia, 1966. 125 p. illus.
- GOSUDARSI'VENNYI ERMITAZH. [Spanish painting of the leth and 17th centuries] Ispanskala zhivopis' XVI-XVII vekov. [Leningrad, Izd-vo Gos. Ermitazha, 1963] 4 p. 20 illus. (in portfoito)
- GOSUDARSTVENNYI ERMITAZH. [Treasures of Scythian kurgans in the collection of the State Hermitage] Sokrovishcha skifskikh kurganov v sobranii Gosudarstvennogo Ermitazha. Tekst M.I. Artamonova. Prague, Artiia [1968] 120 p. illus.
- IAGODOVSKAIA, A. T. Mikhail Aleksandrovich Vrubel'. Leningrad, Khudozhnik RSFSR, 1966–62 p. Mus (Narodnaia bibliotechka po iskussivu)
- INSTITUT ISTORII ISKUSSTV. [The Renaissance, Batoque, and Classicism, the problem of style in West European art of the 15th-17th centuries] Renessans, barokko, Massitsizm, problema stilei v Zapadno-Evropeiskom iskusstve XV-XVII vekov. Moskva, Nauka, 1966. 347 p. illus.
- EZOTOV, E. [Leningrad porcelain, 24 1 eproductions of the work of the Leningrad masters of artistic porcelain | Leningradskii farfor, dwadisat' chetyre 1 eprodukteli prolzvedenii leningradskih masterov kludozhestvennogo farfora. [Leningrad, Khudozhnik RSFSR, 1968, 60] p 24 plates.
- KONIAKHIN, G.P. A.I. Kuindzhi. Moskva, Iskusstvo, 1966, 102 p.
- KUCHERENKO, G. A. [Assinctic diversity of the art of socialist realism, form, style, and method] Estelicheskoe mnogoobrazie iskussiva sotsialisticheskogo realizma, manera, stil', metod. Moskva, Sovetskii khudozmik, [1986] 228 p.
- KUZNETSOV, E.D. Vera Ignat'evna Mukhina. [Leningrad] Khudozhnik RSFSR, [1988] 54 p. itlus. (Narodnäia bibliotechka po iskusstvu)
- LAZAREV, V. N. [Mosaics of the Archangel Michael Cathedral, with an appendix of V. I. Levitskain's article "About the palette of the mosaics of the Archangel Michael Cathedral" Mikhailovskie mozaiki; s prilozheniem stat'i V. I. Levitskoi "O palitire mikhailovskikh mozaik, " Moskva, Iskusstvo, 1966, 269 p. (chiefly illus.)
- LE NAIN, LOUIS, ANTOINE LE NAIN, and MATHIEU LE NAIN. [The brothers Le Nain] Brat'ia Lenen. Moskva, Soveiskii khudozhnik [1966] 1 v. (chiefly illus).
- LIASKOVSKAIA, O.A. [Russian open air painting of the 19th century] Plener v russkoi zhivopisi XIX veka. Moskva, Iskussivo, 1968. 198 p. illus.
- LINDIN, S.I., Nikolai Nikolaevich Skokov Leningrad, 1985. 32 p. ilius. (Khudozhniki Rossiiskoi Federatsil) (NIC)
- MAN'KOVSKII, V.S. [Acoustics of studios and halls for audio reproduction] Akustika studii i zalov diia zvukovosproizvedeniia, Moskva, Iskusatvo, 1986. 374 p.
- [MARTINS OZOLINS; album of reproductions] Martins Ozolins, [reprodukciju albums]. Riga, Liesma, 1966, 79 p. (chiefly illus ) [In Latvian and Russian]
- MIKHAILOVA, A. A. [Conventional nature of art]
  O khudozhestvennol uslovnosti. Moskva, Mysl', 1968.
  317 p.
- [MYKOLA BUTOVYCH; a monograph. The autobiography of M. Butovych and an article by V. Sichins'kyi] Mykola Butovych; monografiia. Aviobiografiia M. Butovycha i stattia V. Sichins'koho. New York, Slovo, 1956. [25] p. 20 plates.
- PIMENOV, IU.I. [Art of life or art of nothing] Iskusstvo zhizni ili iskusstvo nichego, Moskva, Iskusstvo, 1060. 57 p. illus, (MH-FA)
- [RIGA DOM] Rigas Doma, Riga, Liesma, 1986. 63 p. (chiefly illus.) [In 5 languages]

- SAVRASOV, A. K. Aleksei Kondrat'ovich Savrasov. Moskva, Sov. khudozhnik [1965] 9 p. 39 plates [In Russian, English, French, and German] (Mil)
- SOLOUKHIN, V.A. [Native beauty, why we must study and preserve old monuments] Rodnain krasoin, chia chego nado Lauchat' i berech' panniatniki statiny Moskyn, Sovetskii khudozinik [1966] 29 p. (Bosedy ob iskussive)
- TARANUSHENKO, STE FAN. [P. D. Mai tynovich, a sketch of his life and work] P. D. Mai tynovych, ani ys pro zhyttin i tvorchist'. Kylv, Derzh, vyd-vo obrazotvorchoho mystelstva i muzychnof lit-ry, 1958 J5 p. (CaOTU)
- [WORLD HISTORY OF ARCHITECTURE IN 12 VOLUMES] Vacobalichala istorita aikhitektury v 12 tomaklı. Glav. 1ed. kollegila: N.D. Kolli (glav. 1ed.) 1 d1. Lenhigi ad, Stolledat.
  - Vol. 4. (Architecture of Western Europe; the Middle Ages) Arkhitektura Zapadnoi Evropy, srednie veka, 1966, 692 p,
- [WORLD HISTORY OF ART IN SIX VOLUMES]
  Vseopshchafa islorita iskussiv v shesti tomakh
  Red. kollegija. B. V. Veimarn i dr. Moskva, iskussivo.
  Vol. 6. Veimarn, B. V., and W. D. Kolpinski, eds.
  [Art of the 20th contmy] Iskussivo 26 voka.
  Book 2, 1966—407, exty p. illus.

# 11. LANGUAGE, LITERATURE & FOLKLORE

- ABASHIDZE, GRIGOL. [Verse and poems. Translated from Georgian] Stikhotvorenila i poemy. Moskvo, Gestitizdat, 1901. 222 p. (Biblioteka sovotskoi proziti (Mil)
- ABDULLIN, I.A. f The heart but as without a flame in Islayahyz kana iotok. Ofo, Basikos tostan kitap neshriete, 1905. 198 p [In Basikir]
- ABDUMAVLIANOV, A. A., and A. A. BABAKHANOV, [Ristory of Uzbek Riterature] Interface urbekeket literatury Tashkent, Uchitel', 1966, 246 p.
- ADAMOV, A.G. [The Tracks of the fox, a tale] Sted listley, povest'. [Moskva] "Molodala gwardlin", 1966, 280 p. (EN)
- ADZEMIAN, S.N. [The firebird, Zhar ptlisa, Lievan, Armianskoe gos, izd-vo] 1958, 103 p. [in Armentan]
- ADZHEMIAN, G. G. [The gardens are burning. Sady geriat, Erevan, Ainstan] 1960. 621 p. [In Armentan]
- AFANAS'EV, P. [The stern heart, story of a mother] Strogge sordise; rasskaz materi. [Tambov] Tambovskoe knizhnoe 12d-vo, 1962. 27 p. (Knizhka-1asskar)
- AINI, SADRIDDIN. [Proverbs and sayings in the works of Satriddin Aini] Zarbulmasal va makelkho dar asarkhol Satriddin Aini. Stalimebod, Nashrieti davlatii Tochikistan, 1856, 102 p. [In Tajik] (InU)
- AKADEMIIA NAUK SSSR. Institut mirovol literatury.

  [Paths of the development of the Soviet multipational literature] Puti razvitila sovetskei mnogonatsional net literatury. Moskya, Nauka, 1967. 317 p.
- AKHMATOVA, A.A. [Verse, 1909-1905] Stikholverenila, 1909-1965. [Moskva, Sovetskii pisatel', 1966] 468 p. (DoU)
- AKHTAMARTSI, GRIGORIS, (Verse of the 16th century-Research, critical text and communicates of Mais Avdalbekian, Sikhi]XVI v. Issiedovanie, kriticheskii tekst i kommentanii Mais Avdalbekian, Erevan, Izdvo Akad, nauk Armienskoi SSR. 1963, 357 p. (Armianskoe srednovekovyo liriki, no. 6) [in Armenian] (Mil)
- AKSHINSKII, V. S. [Lands of the dawn; yerse] Kraia rassvetnye; stikhi. [Moskva] Sovetskaia Rossita, 1960. 52 p. (MC)
- [ALARMS FOR OUR BAKE] Trevogi radi ras. Moskva, Izd-vo gazety "Krasnaia zvozda," 1996. 30 p (Bibliotecima "Krasnoi zvozdy," no. 22(202))
- ALEKSANDROVSKII, V. N. [IUI'ka; a talo] IUI'ka; povest'. Moskva, Sov. Rossila, 1987, 169 p.

- ALEKSEEV, M.P. (Shakespeare and Russian culture) Shekepir i russkala kul'tura, Pod red, M.P. Alek-seeva, Moskva, Nauka, 1965, 699 p. illus.
- ALIMBAEV, MUZAFAR. [Why and wherefore, verse for children] Olchego da pochemu, stikhi dila detei Alma-Ala, Kazakhskoe gos. izd-vo khudozh. lit-ry, 1961, 45 p. (10)
- AMISULASHVILI, SH. Z. [Bailads . Ballady . Tbilisi, Sabehata Sakartvelo] 1966 120 p [In Georgian]
- AMLINSKI, V.I. [Dark clouds have risen above the city, tale, stories] Tuchi nad gorodom vstall, povest, rasskazy. Moskva, Sovetskii pisatel', 1966, 279 p. (NIC)
- ANNET, AUGUST. [Origin and artistic peculiarities of Friedrich Reinhold Kroutzwald's fairy tates] Friedrich Reinhold Kroutzwald! muinasjuttude algupara ja kunsti-line laad Tallinn, Eesti Raamat, 1966 440 p. [In Estonian]
- ANTONOV, N. G. [The big world of little Niura, a novel, Look straight in the face, a novel] Bol'shot mir Niury malen'kot, roman. Smotri priamo v litse, roman. [Moskva] Mosk. lubechii, 1967, 500 p
- ANTONOV, S. P. Alenka, [Moskva, Khudozh, lit-ra, 1965] 122 p. (CU)
- ARKHANGEL'SKII, V.V. [Youth of the new era, a tale] iUnoat' novogo veka, povest. Moskva, Detakata lit-ra, 1967. 292 p.
- [ARMENIA IN BRIUSOV'S POFTRY] Armenila v poezii Briusova. Erevan, Ainstan, 1966. 38 p.
- ARTAMONOV, S.D., Z.T GRAZHDANSKAIA, and R.M. SAMARIN [History of foreign literature of the 17th-18th centuries] Istorifa zarubeznol literatury XVII-XVIII vv. izd 3 Moskva, Prosveshchenie, 1987. 854 p.
- ASTURIAS, M.A. [Weekend in Juatemala, Translated from the Spanish] Ulk-end v Gvatemale, Moskva, Izd-vo inestr.lit-ry, 1961. 236 p.
- AVRAMENKO, I.K. [Verse and poems Stikhotvorenija i poemy Novosibilsk] Zapadno-Sibirskoe knizhnoc izd-vo, 1986. 219 p. (Biblioteka sibirskoi poezii)
- BABAEV, E.G. [Tolstoi on art] Tolstoi ob iskusstve. Tula, Priokskoe knizhnog izd-vo, 1986. 47 p.
- BAIANOV, A. F. [An eternally blue sky] Menge zenger kegebez, shigyr'ler hem poema. Kazan, Talarstan kitap neshritaty, 1966, 60 p. [in Tatar]
- DAIGULOV, I. M. [Handful of grain] Gorst' kolos'ev. [Perm'] Permekoe knizhnoe izd-vo, 1966. 54 p.
- BAITANAEV, AMANTAI. [The steppe began to resound, a novel—Step rashumela, 10man. Alma-Ata, Zhazushy] 1965. 237 p. [In Kazakh]
- BALASHOV, N. I., I.N. GOLENISHCHEV-KUTUZOV, and A.D. MRCHALLOV, eds. [Dante and world literature] Dante i vsemirnala literatura. Moskva, Nauka, 1987.
- BALZAC, HONORE DE. [The unknown chef-d'oeuvre, The search for the absolute] Nevedomyl shedevr. Poi-ski Absoluta. Moskva, Nauka, 1986. 235 p.
- BATSIEVA, S.M., ed. [Soup and sun, novellas of Iraqi writers. Translated from Arabic and Kurdish] Sup i solnise; novelly trakskikh pisatelei. Moskva, Nauka, 1965. 86 p. (Sovremennala vostochnala novella) (CU)
- BAZHYNOV, I. D. [Here and the time] Herei i chas. Kyiv, Naukova dumka, 1965, 119 p.
- DEDNYI, B. V. [Girls. Hot sun; p tate and stories] Devchata. Zharkoe solutse, povest' i rasskazy. Moskva, Sov. pisatel', 1987, 517 p.
- DERDNYK, OLES'. [A specter walks the earth] Prizrak idet po Zemlo. Moskva, Detskala lit-ra, 1966, 172 p.
- BERSHADSKII, V.A. [Surprise, verse and poems] Udivlenie; stikld i poemy. Odessa, Matak, 1966. 191 p. (IU) (InU)

- BHARATI, SUBRAHMANYA. [Veise, Translated from the Tamil] Stikhotyorenila. Leningrad, Gos. 12d-vo khudozh, 11t-ry, 1963. 155 p.
- BIKCHANTAEVA, A.A. [I understand you] Min aniyim sine Kazan, Tatarstan kitap neshi liaty, 1906—147 p. [in Tatar]
- BIMBASOV, M. F. [A reader for the first grade of the primary school] Kaesyny chinyg raidaiaen sk''olaty I-ag k'Tasaen. Ordzhonicluze, TSaegai Trystony chinguyty rauag''dad, 1957. 151 p. Illus. [In Ossetle] (InU)
- BIRIUKOVA, A.N. [Born twice; a tale] Dvazhdy rozh-dennyi, povest'. [Tashkent] "Tashkent, "1966, 219 p.
- BLIAKHIN, PAVEL. [Little red devils, a lale] Krasnye d'iavoliata, povest'. Voronezh, TSentral'no-Cherno-zemnoe knizhnoe Izd-vo, 1966 93 p
- BLYNSKII, D.I. Łada [Moskva] Moskovskii rabochil, 1986. 110 p
- BOL'SHAKOV, L.N. [Lev Tolsto]; researches and finds] Lov Tolstol, poiski i nakhodki [Chellabinsk] IUzhno-Ural'skoc knizhnoe izd-vo, 1964 101 p.
- BONDARENKO, B.E. [Look for the sun in the dead of night; a tale] Ishchite solute v glukhulu polnoch', po-vest'. [Moskva, Molodaia gvandila, 1987] 303 p
- BRIUSOV, VALERII, ed. [Poetry of Armenia from ancient times to the present in translations by Russian poets] Poezila Armenii e drevnelshikh vremen de nashikh dnei, v porevode russkikh poetov. Erevan, Aisstan, 1966. 511 p.
- BRUSHTEIN, A.IA. [The road vanishes in the distance] Deroga ukhodit v dal' Moskva, Khudozh. lit-ra, 1985 (CU)
- BUBNOBA, O.V. [Morning dews; a tale] Utiennie rosy; povest'. Voronezh, Tšentral'no-Chernozemnoe knizhnoe izd-vo, 1966 206 p.
- BULIN, VICTOR. [Days gone by in vain] Pro darous minushie dni. Cleveland, Izd. avtora, 1966. (CSI)
- BURDYKIN, B.E. [Understudy] Dubler [Perm!] Permskoe knizhnoe izd-vo, 1965 43 p. (Rasakazy o sovetskikh liudiakh)
- BURLIAI, IU.S. [Fighter for the new life, about Dmytro Pavlychko] Boets' zhyttia noveho, pro Dmytra Pavlychka. Kyiv, Molod', 1963. 161 p. (NN)
- CHEKHOV. Moskva, Izd-vo Akad, nauk SSSR, 1960. 969 p. illus., facsims. (OO)
- CHEKMARIOV, SERGEI. (Selected lyrics, Izbranada lirika, Moskval Molodaia gyardiia, 1984, 20 p. (Bibliotechka izbranaol liriki)
- CHISTIAKOV, A.M. [Wings grow stronger in flight, a tale] Kryl'ia krepaut' v polete; povest'. Cheboksary, Chuvashskoe kalzhmoe izd-vo, 1965. 133 p. (NIC)
- CHKHAN, M.A. [Ozonia, poetry] Ozonia, poezii. Kyiv, Rad. pys'memnyk, 1987. 74 p.
- CHUKASZIAN, B. L. [Armentan-Persian literary relations in the 18th century; research] Armiano-Iranskie literaturnye sviazi v XVIII vv.; razyakanita, Erevan, Izd-vo AN Armianskol SSR, 1963, 245 p. [In Armentan] (InU)
- CHUKOVSKII, K.I. [Collected works in six volumes]
  Sobrante sochinenti v shesti tomakh. Moskva, Khudozh, ili-ra.
  Vol. 4. [Nekrasov's artistry] Masterstvo Nekrasovn. 1968. 764 p.
- CHUKOVSKII, K.I. [Fairy tales] Skazki. Moskva, Det-skala lit-ra, 1966. 126 p.
- CHUKOVSKII, K.I. [TSokotukha, the fly] Mukha -TSokotukha. Moskva, Detskaia lit-ra, 1966. 13 p. (Bibliotechka detskogo sada)

- [CRIMEAN LEGENDS] Krymskie legendy. Simferopol', Krymizdai, 1957. 145 p.
- [DAINOS; Lithwanian folk songs] Dainy, litovskie narodnyc pesni Vilnius, 1965 210 p illus (NIC)
- DAUTARTAS, V. [I am knocking at the door, novellus, Translated from Lithuanian] Sturbus' v dver', novelly Vilnius, Vaga, 1986 385 p
- DERBENEY, K.M. [Unknown faces. Wrong address. Unreachable secret, adventure tailes] Nefavestnye liteta. Oshibochnyi adres. Nedostupnaia taina, prikliuchenleskie povesti. Isroslavi, Verkhne-Volzhskoc knizhnos izd-vo, 1965. 433 p.
- DESHERIEV, IU.D. [Regularities of the development and interaction of the languages in the Soviet community] Zakonomernosti razvitta i vzalmodeistvila lazykov v sovetskom obslichestve Moskva, Nauka, 1966.
- DEZSŐ, LÁSZI.Ó [Sketches on the history of the Trans-carpythian dialects] Ocherki po istorii zakarpytskikh govorov Endapest, Akademiai Kladó, 1907—305 p maps (insert)
- DJEBAR, ASSIA. [The dawning day casts light on them. Translated from the French] Svettt Im nastupalushchliden! Moskya, Nauka, 1905. 216 p.
- DMITRIEV, O.M. [Striking the flint, verse] Udar po-kremniu, stikhi, Moskva, Sov. pisater, 1987. 118 p
- DOMBROVSKII, IU.O. [The keeper of antiquities] Khra-nitel' drevnostef. [Moskva, Sovetskala Rossila, 1900] 254 p. Blus. (MH)
- DOMOZHAKOV, N. G. [Invitation, verse. Translated from the Khakass] Prighashenic, stikhi Kyzyl, Tuvinskoe kuizhnoe izd-vo, 1966. 31 p.
- DOMRIN, V.V. [Lunar horseshee] Lunnais podkova Odessa, Maisk, 1966. 103 p (NIC)
- DORICHENKO, OLES'. [Sunrays; poems] Promeni, poezil, Kylv, Rad. pys'mennyk, 1986, 70 p. (CaOTU)
- DZHIDZHEISHVILI, P.A. [Stories, Rasskazy, Tbilisi, Sabehota Sakartvelo] 1966—151 p. [In Georgian]
- DZHIMIEV, G.S. [Plays] P'esaciac; aembyldgond. Oldzhoniklaze, TSacgat Lystony chinguyly rauag'dad, 1958, 270 p. [In Ossetic]
- [EDUARD VILDE IN WORDS AND PICTURES] Eduard Vilde sonad ja pildis. Tallinu, Eosti Raamat, 1966, 201 p. illus, [In Estonian]
- EFREMOV, V. [Sketches of the history of Russian litera-ture of the 19th century] Ocherki po istorii russkol literatury XIX vekn. Washington, D.C., Izd. knizh-nogo magazina V. Kamkin [1960] 351 p.
- EGOROV, G.V. [Destruction of Rogov; a tale] Krushente Rogova, povest', [Barnaut, Allaiskoe kutzhnoe 1zd-vo, 1968] 126 p.
- [ENGLISH-LATVIAN DICTIONARY. About 42,000 words] Anglu-Latylosu vardnica, 2. izdevums, izlabots un parstradats, Ap 42 000 vardu. Riga, Licsma, 1966. 1076 p.
- ERLIKH, A.I. [Young people; tales] Molodye liudi; povesti. Moskva, Sovetskii pisatel', 1967. 534 p.
- ERSHOV, L. F. [Soviet satiric prose] Sovetskata satiri-cheskata proza. Moskva, Khudozh. lit-ra', 1998. 298 p.
- ERSHOV, L.F. [The Soviet Russian novel; national tradi-tions and innovations] Russkil sovetskil roman; natsio-nal rye tradits i novatorstvo. Leningrad, Nauka, 1967—338 p.
- ERSHOV, P.P. [The little hump-backed horse, a Russian fairy tale in three partel | Konck-gorbunok; russkala skazka v trekh chastiakh, Moskva, Detskala lit-ra, 1965, lip, illus, (Shkol'nala biblioteka dila nerusskich shkol) (INS) (MoSW)

- ESKHFL', A.A. [Hount] Twinth. [Cheboksing, Chuv shared du, 1959] 144 p. [In Cha. esh] ([54])
- EVIUSHITAEO, E.A. [The British Hydroelectric Power Station] Eritabeta GES, [Chico.o., Russian Lunguage 9, erittes [0.5] 43 p. (Pussian Study Scries, no.50) (MC)
- EVIT SHENKO, L.A. [The series rough] Kachla. London Hagen Press [1966] 221 p (MC)
- FZFRA, REGPA. [The wild upple tree, Klays Mazputnins' via titon notes] Mezchele, Kla a Mezputnini ervalina-juma plezinics. Riga, Lie-mi, 1966. 239 p. [In I deput.]
- FAMI, ARHMET [In the Country of Datedoville Translated from the Tatar] \ Strate Smellehakov Kazan', \ 1 strekov krizhnet iza-sov a abb 50 p
- FEDP, K.A. [Gor's n among us, pictures of literary life] Gar kn seeds nas, karting literaturnoi zhizni. [Moskva] Moladafa gyardiki, 1967. 350 p.
- FEDOSELV, V.I. [The accust d is innecent] Podsudimyi na innecen. [Mics' of Molodaia gwardiia, 1906, 285 p. (Ro. c. mir.) (CU) (MII) ('AC)
- FOMINA, M. I. [Observations on A. S. Pushkin's chiling of his arm artimes, Pushkin's work on his prose tests. Materials for statements in the course. "Practical structure of makern Russian" [Iz arbitudedni mad priemini actoredituro, anna A. S. Pushkina, rabota Pushkina and tekstom prozaicheskich protectdemi Material, v pomoshch 'izuch husshchin tur 'Prakticheskin's; attha sovremennojo russkogo iazyka."
  Mos et itusk poligr, in-t. 1966–31 p
- [FOR YOU, CHILDREN, repertory and thematic collection] Dilevas, rebiata, repertura no-tematicheskil sbornik, Morkva, Swetskala Rossita, 1967. 78 p. (Biblioteka 'V pomoshch' khudozhe-tyemoù samoderatel'nost)," no, 3)
- FORSHTETER, M.A. [Selected verse, 1910-1950] Izbrannye stikhotyotenin, 1916-1950. S predisi. Sergela Makouskogo. Paris, 1960. ext, 69 p.
- FRFII IKHMAN, I. [Cill me] Pozoti menia Kishinev, Kurta Moldoteniaske, 1966-112 p.
- GAGIOEV, V.M. [Plays] P'esactae. Stalinir, Khussar Iryston, paddzauadon raug'dad, 1958. 168 p. [In Osectic] [Int]]
- GAIDAR, A.P. Chuk i gek. Moskva, Gos. 12d-vo detskoi lit-ry, 1964. 58 p. illus. (FfaSU)
- GALINIS, V [Antanas Venciova, a monograph] Antanas Venciova, monografine apybraiza Vilnius, Valstybine grozines lit-ros leidykla, 1958. 202 p [In Lithuanian]
- GALUSHKO, T K [Monologue] Monolog [Leningrad] Lenizdat, 1966 44 p (Pervaia kulga poeta)
- GAMZATOV, RASUL. [Mulatto, verse. Translated from Avar] Mulatka, stikhi. Moskva, Sovetskii pisatel', 1966. 135 p.
- GERASIMOV, E.N. [Whither the little river is flowing, tales] Kuda rechka techet, novestl. Moskva, Sovetskii pisatel', 1968. 214 p. (MH)
- GILLER, V.E., and O.M.ZIV. [People trust you, a novel] Vam do erialutsia liudi, roman. Moskva, Sov. pisatel', 1986. 542 p. (FlaSU)
- GINZBURG, L.V [Abyss, a marrative based on documents] Bezdna, posestiovanie, osnovannoe na dokumentakh Moskva, Khudozh, litra, 1965 78 p (Roman-gazeta, no. 21(349))
- GLADKOV, T.K. [John Reed] Dzhon Rid. [Moskya] Molodaia gvardlia, 1956. 239 p. (Zhizn' zamechatelnykh liudei. Scriia biografii, no.15(347))
- GLIKMAN, I.D. [Mollère; a critical and biographical sketch] Mol'er; kritiko-biograficheskli ocherk Moskva, Kludozh Hi-ra, 1966. 278 p.

- GNEUSHEV, V.G., and A. POPUT'RO. [The secret of the Marukh glacier] Taina Marukhskogo lednika. Moskva, Sovetskata Rossita, 1966, 356 p. (RIC) (RIC)
- GOGOL', N. V. [The inspector general, a comedy in five acts] Revizor, komedia v piati dejsivilakh. Moskaa, Khudozh, litera, 1986–113 p. (Narodana biblioteka)
- GOLOVANOV, S.I. [Endless plain, verse] Ravnina neogliadania, stiklu [Tambov] Tambovskoe knizhnoe izdvo, 1961—46 p
- GONCHAROV, I. A. [The precipice, a novel in five parts]
  Obryv, 10 man v partichastiaka Moskva, Izd-vo
  kludozh. Ilt-12, 1966, 718 p.
  (1.18)
- GONCHAROV, VIKTOR, [Human imprint, modes] Sled chelo, echeskin, lady. Moskva, Sov. prsatel', 1966, 143 p.
- GORBOV, IA. II. [Asunta; a novel] Asunta, roman Paris, Editions de flore, 1987 152 p.
- GORCHAK, A.N. [The pleture as a tool in development of speech, an aid for the teacher] Kartina kak sredstvo razvitila rechi, posobie dila uchitella. Leningrad, Prosveshehenie, 1965, 138 p. (NIC)
- GOR'KII, MAKSIM [Childhood] Detstvo. Moskva, Khudozh lit-ta, 1966 213 p. (Narodnata biblioteka)
- GRIGULIS, ARVIDS. [Collected works in seven volumes] Kopoti raksti septinos sejumos. Riga, Liesma. [In Lutvian] Vol. 7. 1966. 668 p.
- GRIN, A.S. [Fandango, a novel, tales and stories, autobiographical sketches] Fandango, roman, potesti i rasskazy, actobiograficheskie ocherki Simferopol', Ird-vo Kira, 1906 541';
- GRITS, T.S. [M. S. Shehepkin, a chronicle of his life and work] M.S. Shehepkin, letopis' zbizni i tvorchestva. Mostva, Nauka] 1966 870 p.
- GROSS, VILLEM. [Average days] Keskmisud pacvad. Tallinn, Eesti Raamat, 1966. 173 p. [In Estonian]
- GUSEV, V.E. [The aesthetics of folklore] Estetika fol'klora. Leningrad, Nauka, 1967. 317 p.
- GVARDZHA LADZE, I.S. [French-Georgian dictionary]
  Dictionnaire français-georgien [Tbilist, Sabchota
  Sakartreto].
  Vol 2 1863 814 p
- HAMALAINEN, JOUKI, MARIA MIHEJEVA, and TAT-JANA PERTTUNEN (Song about the new Sampo, verse) Laulu undesta Simmosta, runga. Petroskoi, Kaijalan ASNT:n Valtion Kustannusliike, 1959—187 p. (In Finnish)
- HARTE, BRET, [Collected works in six volumes, Translated from English] Sobranic sochinenii v shesti tomakh. Moskva, Pravda,
  Vols. 1-3. 1966, 3 v. (Biblioteka "Ogonek")
  (MH) (NNC)
- HNATIUK, I. F. [Guelder rose, poems] Kalyna; poezii. Kyiv, Molod', 1966. 108 p. {InU}
- HRINCHENKO, BORYS, [A farmhouse] Khata, Vyd. 2, New York, Oko, 1965. 23 p. ([Desheva biblioteka krasnoho pys*menstva?] no.8)
- HRINCHENKO, BORYS. [Without bread, stories] Bez khilba, opovidannža, Vstupna statila D. Bobyria, 2. vyd. New York, Oro, 1965, 24 p. (Deshova biblioteka krasnoho pys'mensiva, no.5)
- HUMENNA, DOKHA. [Bless me, mother! A fatry tale in the form of an essay] Blahoslovy, maty! Kazkaesel. New York, Ob'tednannia Ukrains'kykh Pys'mennykly "Slovo," 1986. 265 p. illus. (Cty)
- IAKHNINA, E.I., and M.ALEINIKOV. [Charlot Bantard; a historical tale] Sharlo Bantar, istorychna povist', Kylv, Derzh. vyd-vo dytischol lit-ry URSR, 1959, 281 p. filus. (istorychna biblioteka)

- IARMUL'S'KYI, A. R. {Corder : 1 nia, poezii Dnipropetro. 7 1 : 1
- IBRAGIM, MAMED. [I sim, h, etc. from the Azermaijani] Pola A. Sov. pisatel', 1966. 64 p. (10) (MH)
- IENINA, V.M. [The past duc-17, 10, no mynate, 10man. Kyir, P 10, 1985, 318 p. (IU)
- [IN OUR THEATER; plays, seed amateur theatricals] V ratel to a shukit dia shkol'noi same de 37 (1) Deiskaia litera, 1966 175 p
- ISBAKH, A.A. [Swan lake, storf file.]

  dent] Lehedinoe ozero; raz dar, denta. [Moskva] Glav.pollt.var. Moskogo Flota, 1866. 46 p. (File.)

  "Sovetskii voin," no. 24(547)]
- PSERLIN, F. M. [Foreign far unit place in the lexical structure of the Russian literary language, mile in Principal style of the Russian literary language, mile in Principal style of the Russian literary language and language
- ITS, R. P. [The arrows of the sile to letter tale] Stroly nemotes ally, thou study the Moskyn, Mysl', 1966, 111 p. (Puty telephila, fantastika) (MH)
- IUGOV, A.K. [The Shatrovs, a rosel] . Latt [Moskva] Mosk. rabochii, 1967. 177;
- IURKO, A.I. [Establishing the Sort 1] of, ber 1917-1918] Stanovlenie partin objection oktabr 1917-1918 gg, [Saratov] f fo, Siuniv, 1968, G3 p. (NIC)
- IJSUPOV, N.A. [Whither the Sources are hard Translated from Lak] Kuda speakat r Line Molodaia gwardiia, 1962. 95 p (III)
- IVANOV, V.V., and V.N. TOPOROV. [14, -1] lems of the ctimogenesis of the K to 17 cm of the problem of their inclusion in the circ. 1 Linguisticheskie voorsay change coech in the circ. 1 problemol withouthdenita lib v tsirkum, change in problemol pr
- IWASZKIEWICZ, JAROSLAW. [Selected water. In lated from the Polish] Ebrannya protection. Moskva, Khudozh, litera, 1964. 4011. (CaAEU)
- IZARS'KYI, OLEKSA. [Victor and Liddle att'-3 1 Lialla, povist'. Munich, 1965. 117 p. (1971) "Suchasposty"] (InU)
- IZ TUROV, I.V. [When the bird cherry bloom of and sketches] Kor dzoridzało Poru. Saf. laz ekokahol izdevo, 1957. 150 p. [In Kuni]
- [JANIS RAINIS, places of life and work] IAn Fat. 20 zhizati delatel'nosti. Ritga, Litesma, 1983, 171 a (NIC)
- KAKABADZE, P. M. [Selected dramatic works. The lated from the Georgian] Educatory dramatic broad protovodentia. Thillist, Litera da kheliyreba, 111429, (NoD)
- KAMINSKAS, J., and A.RADZEVIČIUS. [Problemes style and claracter in Soviet Lithmanian pros., & ir charakterio problemos lietuviu urybicey fr & Vilnius, Vaga, 1986. 287 p. [In Lithmana]

- KANYKIN, ARKADII. [Traffic light] Svetofor Riga, Liesma, 1985 62 p.
- KAPIEV, EFFENDI, [Selected works] Izbrannoe, Moskin, Gos.izd-vo.khudozb.lit-ry, 1959, 662 p. (MC)
- KARAEVA, A.1. [Outline history of Karachay literature] Ocherk istorii Farachaevskoi literatury. Moskva, Nauka, 1966. 318 p.
- KARBOVSKAIA, V.A. [Tell me, please] Skazhite, pozhaluista, Mostva, Pravda, 1966, 47 p. (Biblioteka "Ogonek," no, 37) (MH)
- KASHUK, IU.I. [Windows on the ocean] Okna v okean, Vladivostok, Dal'nevostochnoe knizhnoe izd-vo, 1965 45 p. (IU) (NIC)
- EASSIL', L.A. [Tales] Povesti, Moskva, Gos.izd-vo-dctsl-of-tit-1y, 1955. 508 p. (Shkol'nala bibliotela) (NUC)
- KAZAKOV, G.I. [Life will finish the writing of the tale] Zhizn' dopishet povest'. Volonorh, Tsentral'no-Chernozemnoe knizhnoe izd-vo, 1966. 204 p.
- KAZANSKAIA, A.K., and others, comps. [Russian literature, textbook for the 9th grade of the non-Russian secondary school] Russkaia literatura, uchebnik dila LK klassa neueskol srednet shkoby. Izd. 3. Moskva, Gos. uchebno-pedagog. 17d-vo, 1980. 263 p. llius.

  (ICarbs)
- KISHOKOV, A.P. [Summits do not sleep; a novel] Vershing ne spiat, roman Moskva, Khudozh lit-1a, 1967
   111 p. (Roman-gazeta, no.4(376))
- KETLINSKAIA, VERA [Words please! A drama in eight scenes] Proshu slova! Drama v 8 kartinakh. Olv. red. M. Gersht. Moskya, Otdel rasprostraneniia dramaticheshikh prolzvedenii VUOAP, 1967-85].
- KHAVKIN, O.A. [Month of the wild goats. Nilka; tales] Megiats dikikh koz. Nilka, povesti Moskva, Detskala ht-ra, 1966. 413 μ (Sikol'naia biblioteka)
- KIAMHETY, KH. [Anatolia through the eyes of Sababaltin All, remarks on the prose of the Turkish writer] Anatolita glavami Sabakhaltina Ali, zamethi o proze turelskogo pisatelia. [Tashkont] Izd-vo Tashkent, 1955, 97 p. (NIC)
- KRSANOV, S.I. [Book of lyrics, 1925-1985] Kniga liniki, 1925-1985. [Moskva, Sov pisatel', 1986] 390 p
- KTOKHEL'BEKER, V. K. [Selected works in two volumes]
  17brannye proizvedania v dvuki tomaki. Moskva,
  50v. pisatel', 1967. 2 v. (Biblioteka poeta. Bol'shaia
  serifa. 2. izd.)
- KLIMENCHENKO, IU.D. [Navigator of long voyages, a novel] Shturman dal'nego plavanita, roman, [Loningrad] Lenizdat, 1967. 550 p.
- KOL-TSOV, A.V. [..orks] Sochinentia, Muskya, Khu-dozh, Ht-1a, 1906, 462 p.
  (MHI)
- KOMOV, V.E. [Distinguished acquainlances, stories and humoresques] Intentity znakomye; rasskazy i lumoreski. [Tambov] Tambovskoe knizhnoe izd-vo, 1961, 143 p.
- KORLETIANU, NIKOLAI. [Studying the lexical system of the Moddwian language from the seventies to the nineties of the 19th century. Issledovanio leksicheskol sistemy muldavskogo lazyka 70-kh - 90-kh gg. XIX y. Kishiney, Kartia Moldoveniaske] 1964. 495 p. [In Moldavian] (MH)
- KOSTIUKOVSKII, IA. A. [Men's taik; satirical verse] Muzhskoi razgovor, satiricheskie siikhi. Moskva, Pravda, 1965. 45 p. (Biblioteka Krokodiia, no. 32)
- KOVALUYA, A., and L. KOVALEV. [Hymn over the Neva; a war play in seven scenes] Gimn and Nevoi; voonnata p'esa v semi kartinakh. Otv. red. A. Artemov. Moskva, Otdel rasprostranenija dramaticheskikh proizvedenij VUOAP, 1968. 81 l.

- KRASOVSKII, L.S. [Spring will wash away the tracks, a tale] Sledy amost vosm, povest'. [Irkutsk] Vostochno-Sibit skoe knizhnos izd-vo, 1965—117 p
- KRASZEWSKI, JOZEF IGNACY, [Tales, Translated from the Polish] Povesti. Moskva, Gos.izd-vo khudozh.lit-1y, 1956. 345 p. (10)
- KRISHTOF, C.G. [Invitation to a journey, stories about Crimea] Priglashenie k puteshestvitu, rasskazy o Kryme, [Simferopol'] Ltd-vo Krym, 1965, 155 p. (NIC)
- KRUTULIN, S.A. [Snowdrops, a novel] Podsnezhali i, roman. 2. izd. Moskva, Sovetskaja Rossija, 1965. 136 p. (FT-SU)
- KUDINOV, I. P. [The coral stone, a tale] Korallovyi kamen', povost'. [Barnaul] Altaiskoe kulzhnoe izd-vo, 1965. 106 p.
  (IEN)
- KUKHAREVICH, N.E. [Study of prefixed verbs in the non-Russian lecture half] Izuchenie pristavochnykh glagolov v nerusakol auditorii. Moskva, Univ. druzhby narodov, 1966. 67 p.
- KUPRIN, A.A. [1 am coming to you, verse] klu k tebe, stikhi [Voronezh] #Sentral'no-Chernozeninoe kuizh-noe tzd-ve, 1964 92 p.
- KUUSBERG, PAUL. [In the middle of summer] Sudasuvel. Tallino, Eesti Raamat, 1966. 323 p. [In Estonian]
- KUZ'MINA, L.A. [Whom are you with, Bor ka? n tale] S kem ty, Bor ka? Povest! Tashkent, Ltd-vokhadozh lit-ry, 1966. 157 p
- KUZ'MINA, L.I., and I.V. STEPANOVA, comps. Ivan Sergeevich Turgenev in portraits, illustrations, and documents Ivan Sergeevich Turgenev v portreiakh, illustratsitakh, dokumentakh, Pod dyshchul red, I.A. Binlogo. Moskva, Prosveshchene, 1966, 398 p.
- KYRYLIUK, IE. P. [Taras Shevchenko; life and works] Taras Shevchenko; zhylita i tvorchist*. Vyd. 2., dop. I porer. Kyiv, Derzh. vyd-vo Khudozh. lit-ry, 1964. 648 p.
- LACES, VILES. [Fisherman's son, a novel] Zvejnicka dels; 10mmus. Riga, Liesma, 1967 458 p. [in Latvian]
- LACIS, VILIS. [Young hawk] Vainadzins. Riga, Liesma, 1966, 44 p. films. [In Latvian]
- LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA. Valodas un literaturas instituts Valodas kulturas grupa [Cultural problems of the Latvian language] Latviesu valodas kulturas jautajumi, taksiu krajums [2] Luidtens] Riga, Liesma, 1906, 141 p. [In Latvian]
- LAZAREVA, ALEKSANDRA, [Light pond, stories. Translated from the Churnsh] Svotlyl prud, rasskazy. [Cheboksary, Churashknigoizdat, 1965] 108 p. (MH)
- [LEADING EXPONENTS OF RUSEIAN CULTURE ON SHOTA RUSTAVELI] Delatell russkof kultury o Shota Rustavell Tbilist, Litera da kholovneka, 1966. 319 p.
- LEBEDEVA, V.A. [Tolstol and children] Tolstol f deti. Tula, Priokskoe knizhnee izd-vo, 1960, 47 p.
- LERMONTOV, M.IU. [Collected works] Sobrante sochinenti. Ped red. I.L. Andronikova i IU. G. Oksmana. Moskva, Khudozb. lit-ra, 1964-1965. 4 v. plates. (CaOTU) (NBC) (NIC)
- LESKOV, N.S. [Tales and storics] Povesti i rasskazy. Moskyn, Khudozh, lit-ra, 1966, 573 p. (MiU)
- LISNIANSKAIA, I.L. [From the first source, verse] Iz pervykh ust, stikhi. Moskva, Sov. pisatel', 1966. 161 p.
- [LITERATURE FOR THE 11TH GRADE] Literatura XI klasel, Riga, Zvaigzne, 1966. 219 p. [In Latvian]
- LIUKIN, A.I. [Fates; verse] Suďby; stikhi. Moskva, Sovetskii pisateľ, 1986. 83 p.

- LOTOTS'KYI, ANTIN. [Amazing travels and adventures of Sir IA/on Mykytovych from the village of Chvan'ki (of the duck coat-of-arms) described by himself and recopied from his old papers by IAroslav VII'shenko] Dyvni podorozhi ta prybedy pana IA/ona Mykytovycha na Chvan'ka'h Chvan'kivs'koho herba Kachka spisant vlasnotu rukotu. Priepysav 12 starykh paperiv IAroslav VII'shenko. New York, Hoverita, 1962. 123 p. (full)
- LYKHODID, M.KH. [The light, lyrics] Svit, llryka, Kylv, Radlans kyl pysimennyk, 1966, 114 p.
- I.YSIUK, P.P., [The band of new brotherhood] Spivets' braterstva novoho, Kyiv, Zmannia, 1966, 62 p. (CaOTU)
- MAIAKOVSKII, V.V. [Verse, poems] Stikholvoreniia, poems, [Laningrad] Lenizdat, 1905. 478 p. (INS)
- MALASHKIN, S.I. [The chronicle of a life, tales, stories] Khronika odnot zhizni, povesti, rasskazy. [Muskva] Mosk, rabothil, 1900. 365 p. (NIC)
- MANDEL'SHTAM, O.E. [Collected works in two volumes] Sobranic sothinenii v dvukh tomakh. Pod 1 ed. G.P. Struve i B.A. Filippova. Washington, Inter-Language Literary Associates, 1964. 2 v. (GEU)
- MARSHAK, S. IA. [Adventure on the way] Prikliuchenic v dorege Moskva, Gos. ird-vo detskoi lit-i y, 1962. [12] p. (CoU)
- MATEV, PAVEL. [Signals of the heart; verse. Translated from the Bulgatian] Signaly souths; stikht. Moskva, Pravda, 1966. 29 p. (Biblioteka "Ogonek," no.38)
  (Att)
- [METHODOLOGICAL PROBLEMS IN LINGUISTICS]
  Metodologicani pytamia movoznavstva. Kylv, Naukova
  dunka, 1966. 211 p.
  (CoU)
- MIKHAIL ALEKSANDROVICH SHOLOKHOV. Moskva,  $P_1avda$ , 1966. 315 p
- MIKHEEV, M.P. [The girl that walls; science fiction] Kolorala zhdet, fantastika. Navosibirsk, Zapudao-Sibirskee kaizhaon izd-vo, 1966—95 p.
- MIKHEEV, NIKOLAI. [There is a little town on the Velga River; verse and songe] Est' na Volge-teko nebol'shot gorodok, stikhi i pesni. IAroslavi', Verkine-Volzhskoc kai/hace izd-vo, 1965. 30 p. (Bibliotechka pisatelet verkinet Volgi) (IU)
- MILOSFRDOV, S. S. (Enchantrees; verse) Volehebnitsu; stikhi. Voronezh, Tsentral'no-Chernozennoe klinizhnoe izd-vo, 1905. 70 p.
- MENCHKOVSKII, A.M. [The old man hides in the shadow; a tale] Starik priachetsia v ten'; povest'. [Loningrad] Lenizdat, 1966. 301 p.
- MIRSHAKAR, MIRSAID. [verse, Translated from Tajik] Stikhi. Moskva, Khudozh, lit-ra, 1966, 167 p (Biblioteka sovetskoi poezii)
- MIRTSKHULAVA, A.A. [Verse] Stikhi. Moskva, Kludozh.lit-14, 1986, 294 p.
- MEZUN, H.M. [Plays] P'esy. Kylv, Daipro, 1965, 161 p. (CaAEU)
- MURAV'EVA, N.I. [Beranger] Beranzhe. Moskva, Molodaia gyardtia, 1965. 316 p. (Zhizn' zamechatel'nykh lludel. Seriia biografii, no.7) (CaAEU)
- NAGIBIN, IU. M. [A green bird with a red head] Zelenda pitten s krasnoi golovoi [Moskva] Mosk, rabochil, 1966, 252 p.
- NAHNYBEDA, MYKOLA. [A word to the traveller; verse] Slovo v derogu; etikhi. Moskva, Pravda, 1966. 30 p. (Biblioteka Ogonek, no. 22) (Anti)
- NATADZE, N.R., and S.S. TSAISHVILI, [Shota Rustavell and his poem] Shota Rustavell i ego poema, [Thilist] Ganatleva [1968] 145 p.

- NAUCHNO-ISSLEDOVATEL'SKII INSTITUT IAZYKA, LITERATURY, ISTORII I EKONOMIKI, Saransk. [The oral poetry of the Mordvin people] Usinopoetches/ce tvorchestvo mordovskogo naroda, Stransk.
  - Vols. 1-3, 1963-1966, 3 v. (MH)
- NAUMOV, S.M. ["Sokol" comes flying last] Postednim priletaet "Sokol," Moskva, DOSAAF, 1966. 61 p. (10)
- NECHAI, M.P. [Loyalty, a novel Novelle] Virnist', roman Novely Dnipropetrous'k, Promin', 1966 449 p
- NEIMAN, LINA. ["Piatnitsa", an historical tale]
  "Piatnitsa", istoricheskala povest' [Izd. 2 ] Moskva,
  Detskala lit-ra, 1967 174 p. (Shkol'nala biblioteka)
- NEKRASOV, N.A. [Collected works in eight volumes] Sobranie sochinenii v vos'mi tomakh. Pod obshchei red, K.I.Chukovslogo, Moskva, Khudozh, lit-ra, 1965. 8 v. ((CarbS) (RPB)
- NIKOLAEV, V.N. [Heart River, two tales] Reka Serdechnala, dve povesti. [Moskva] Molodaia gvardila, 1966. 315 p. (Molodye pisateli)
- NIKOL'SKII, N.S. [16 hours] 16 chasov. [Moskva] Molo-dala gvardila, 1966. 159 p. (Roveanik, Chest', otyaga, muzhestvo).
- NOSOV, N. [Tales, stories and fairy tales] Povesti, rasskazy i skazki. Moskva, Detskala lit-ra, 1964. 637 p. (Det)
- [NOT ABOUT THE SEA, stories] Ne o more, rasskazy, Moskva, fzd-vo gazety "Krasnala zvezda," 1986, 30 p. (Bibliotechka "Krasnoi zvezdy," no. 21 (201))
- NOVIKOVA, A.M. Ivan Niranorovich Rozanov (1874-1959). [Moskva] Izd-vo Mosk, univ., 1966. 78 p. (Zarnechatel'nye uchenye Moskovskogo universiteta, no.36)
- ORDUBADI, M.S. [Misty Tavriz, a novel, Translated from Azerbaijani] Tavriz tumannyl, roman. Baku, Azerbaidzhanskoe gos. izd-vo 1966 2 v.
- ORLOV, V.V. [A pickled watermelon, a novel] Solonyi kavun; roman. Kyiv, Molod', 1965. 322 p. illus. (CaOTU)
- CSHANIN, L.I. [A hundred songs] Sto pesen Moskva, Khudozh lit-ra, 1966 206 p
- OSMANIS, JAZEPS. [Steps, 1956-1966] Soli, 1956-1966. Riga, Liesma, 1966. 158 p. [In Latvian]
- OSTROVSKII, A.N. [Articles and materials] Sbornik states i materialov. Moskva, Vaeros. teatr. ob-vo, 1962. 485 p. illus., plates. (GEU)
- OSTROVSKII, N. A. [How the steel was tempered, a novel] Kak zakaitaias' stal', roman. [Leningrad, Lenizdat, 1987] 365 p. (IUnosheskala bibitoteka Lenizdata)
- OSTROVSKII, A. N. [The storm, a drama in five acts] Groza, drama v piati deistvilakh. Moskva, Iskusstvo, 1967. 78 p. (Shkol'nala biblioteka mirovoi dramaturgii)
- [OUR LAND IS DEAR; short stories by writers of Morocco, Tunisia, Libya Translated from Arabic and Froncil Dorogata nasha zemila, novelly pisatelei Marokko, Tunisa, Livit, Moskya, Nauka, 1967. 82 p. (Sovremennaia vostochn
- PANCHENKO, VERA. [My name] Moe imia. Riga, Liesma, 1966. 61 p
- PANOYA, V.F. [Workmen's settlement. Sasha. Early in the morning; tales] Rabochli poselok. Sasha. Rano utrom; povesti [Leningrad] Lenizdat, 1966. 260 p
- PARAKI. INA, A V., ed. [Problems of the methods of teaching foreign languages in the special secondary schools] Voprosy metodiki prepodavanila inostrannykh iaz, kov v srednikh spetsial nykh uchebnykh zavedenifakh, sbornik. Moskva, 1966. 72 p
- PARNASIAN, N.A. [Subordinating connection in complex sentences of modern Armenian] Podehinitel'nafa sviaz' v slozhnykh predlozhenitakh sovremennogo armianskogo iazyka. Erevan, Izd-vo AN Armianskot SSR, 1961. 198 p. [In Armenian]

- PASTERNAK, B.L. [Starry sky, verse of foreign poets] Zvezdnoe nebo, stikhi zazubezhnykh poetov. Pod red. P. Antokol'skogo i du. Moskva, Progress, 156 p. 1966. (Mastera poeticheskogo perevoda, no. 5)
- PAVLOVSKII, A.I. [Anna Akhmatova, an essay on her work] Anna Akhmatova, ocherk tvorchestva. [Leningrad] Lenizdat, 1966 189 p
- PAVLOVSKII, A I. [Soviet Russian poetry in the years of the Great Patriotic Wal] Russkala sovetskala poezita v gody Velikoi Otechesivennol voiny Leningi ad, Nauka, 1867. 275 p
- [A PEOPLE'S WAR WAS ON, how our countrymen fought] Shla voina narodnaia, tak srazhalis' zemliaki. Cheboksary, Chuvashskoe knizhnoe izd-vo, 1965, 162 p. (NIC)
- PERMIAKOV, G.G. [The ginseng path, stories and sketches about V.K. Arsen'ev] Tropol zhen'shenta, rasskazy i ocherki o V.K. Arsen'eve. [Khabarovsk] Khabarovskoe knizhnoe izd-vo, 1965. 159 p. (IU)
- PERSHIN, A.N. [Devoting oneself to people, a documentary tale] Otdaiu sebia lludiam, dokumental nala povest' Moskva, Sov Rossila, 1966 506 p
- PETL'OVANYI, V.I. [The heroes of Khotin, a tale] Khotyntsi, povist', 'Kyiv, Molod', 1965. 286 p. illus. (Heroi, roky, zvershemia) (CaOTU)
- [PETRASHEVSKII POETS] Poety-petrashevtsy, Vstup. stat'ia V. V. Zhdanova, Moskva, Sov. pisate!', 1990. 389 p. (Biblioteka poeta, Malaia serlia, izd. 3 )
- PETROV, M.A. [Wings] Kryl'la. [Moskva] Glav.polit. upr. Sov. Ai mil i Voenno-Morskogo Fiota, 1966. 48 p. (Bibliotechka zhurnala "Sovetskii voin," no. 22(545))
- POLEVOI, B.N. [Doctor Vera, a story in unwritten letters] Doktor Vera; povest' v nenapisannykh pis'makh. Moskva, Khudozh.iit-ra, 1987. Ill p. (Roman-gazeta, no. 3(375))
- POLIAKOVA, N.M. [I wait for you; a book of new verse] IA zhdu tebia; kniga novykh stikhov. [Moskva, Sov. pisatel', 1966] 101 p.
- POLIAKOVA, N.M. [Verse] Stikhotvorenifa. [Leningrad] Lenizdat, 1966. 231 p. (NIC)
- POLIANKER, G. I. [The baker from Kolomyya, a novel] Translated from Yiddish] Bulochnik i. Kolomyi, 10man. Klev, Rad. pys'mennyk, 1967, 375 p.
- POLIANYCH, B. [The castle of the angel of death; sensational story of the times of hetman Kyryl Rozumovs'kyi and Hryhor Orlyk] Zamok lantola smerty; sensatsiina povist'z chasiv het'mana Kyryla Rozumovs'koin i Hryhora Orlyka, Toronto, Dobra knyzhka, 1963. 200 p. (InU)
- POLONSKAIA, E.G. [Selected works] Izbrannoe, Leningrad, Khudozh, lit-ra, 1966, 159 p. (CaOTU) (NIC)
- POPOV, V.N. [Bad weather, a tale] Nepogoda; povest', Barnaul [Altaiskoe kalzhaoe izd-vo] 1968, 198 p.
- PORMALE, AUSMA. [I am opening the window (1958–1964)] Atveru logu (1958–1964). Riga, Liesma, 1966. G0 p. [In Latvian]
- PROKOF'EVA, SOF'IA. [Adventures of a small yellow suitcase; a comedy in two acts and two scenes; for young school children] Prikliuchenia zheltogo chemodanchika, komediia v 2 aktakh, II kartinakh dia detei mia miladshego shkol'hogo vozrasia. Novaia red, Otv. red, N. Davydova. Moskva, Otdel rasprostranenia dramaticheskikh protzvedenii VUOAP, 1985. 54 1
- PROMET, LILLI. [The lying tiger] Lamav tilger. Tallinn, Eesti Riiklik Kirjaslus, 1964. 293 p. [In Estonian]
- PUHVEL, HEINO, [The early period of A.H.Tammsaare's life and creative work, 1879-1922] A.H.Tammsaare elu ja loomingu varasem periood (1878-1922), Tallinn, Eesti Raamat, 1968, 465 p. [In Estonian]
- PUSHKIN, A.S. [Fairy inles] Skazki. Moskva, Doiskata lit-ra, 1966. 133 p.

- RABEKO, I.I. [Whitipool, parodies, fables, epigrams] Kolovett, parodif, basni, epigrammy. Vladivostok, Datnevostochnoe knizhnoe kal-vo, 1965. 38 p. (NIC)
- RADEVSKI, KHRETO [Verse and fables. Translated from Bulgartan] Silkhi Ibashi Moskva, Gos.izd-ver khadozh lit-ry, 1957. 180 p
- RAFFI [The latern and other stories. Translated from Armenian] Garein I drugle rauskazy Ereyan, Ainstan, 1986 284 p.
- RAKHMAN, SABIT. [Selected works. Izbrannye sochineniia] Baky, Azerbaichan devlet neshriffaty, 1958. 1 v [In Azerbatjant] (Int)
- RASULI, M.M. [Maiakovskil's poetry in Uzbekistan] Poezija Malakovskogo v Uzbekistane Tasiskent, "Nauka" UzSSR, 1965. 157 p
- RILKE, RAINER MARIA. [Lyrics Translated from the German] Lirlka Leningrad, Khudozh, llt-ra, 1905. 254 p (NIC)
- RODICHEV, N.I. [Firing on ensemt; a tale and storicy]
  Ogon'na sebia; povest'l rasskazy Moskva, Sov.ph-tel', 1966. 367 p.
- ROMANOV, B.S. [Salty fire] Solenyi ogon'. [Murmansk] Murmanskoe kalzhuoe 12d-vo, 1965. 62 p. (IU) (NIC)
- ROSLIAKOV, V.P. [Red birches; stories and a late] Krasnye berezy, rasskazy i povest'. Moskva, Sev. Rossija, 1996—84 p. (Korotkie povesti i rasskazy)
- RUBÁNOVICH, A. L. [Roads do not end; a tale] Dorogt ne konchatutsin; povest', [Irkutsk] Vestochno-Sibhak w kalzhace izd-vo, 1966—174 p.
- RUMARCHUK, A. P. [Spirits forsake Tauro, a novel] Dukhi pokidatul Tauro, roman [Lenlugrad] Lenludi, 1966, 205 p.
- RUMIANTSEVA, M.A. [Trust] Doverte Volonezh, TSontial'no-Chernozemnoe knizhnoe izd-vo, 1000 78 p. (NIC)
- [RUSSIAN FOLKTALES] Russkie narodnye skazki [Lid.3.,dop.] Moskva, Detskala lit-1a, 1990. 398 p.
- RUSTAVELI, SHOTA. [The knight in the tiger's skin.

  Text with the basic variants, commentaries and vorthilary in two volumes. Vitiaz' v tigrovei sikure. If the secondary me ranco blenianni, kommentaritant i ship variem v dvikh temath. Pod red. A. Shantize i A. Batamidze.

  Tbilist, Metsintereta. In Georgian.

  Vol. 1. [Text and variants] Tekst i raznochtenia.

  1966—531 p.
- RUSTAVELI, SHOTA. [Vepkhistkaosani, The knight in the panther's skin. Thilisi, Ganatleba, 1966] 362 p. [In Georgian]
- RYTOV, A.G. [Paths] Tropy [Leningrad] Lenirdu, 1966. 57 p. (Pervaia kniga poeta)
- RZHEVSKAIA, E. M. [From the home to the front, a tale] Of doma do frontn; povest', Moskva, Detokala Ht-ra, 1967, 199 p.
- SADKOVIC:., N.F. [Madame Love; a novel] Madam Liubov'; roman. Moskva, Sovetskii pisatel'. [Pt.1.] 1966. 204 p.
- SAKSE, ANNA. [Tales about flowers] Pasakas par ziediem. Riga, Liesma, 1966. 278 p. [In Laivian]
- SALTYKOV-SICHEDRIN, M.E. [Golovlev family]
  Gospoda Golovlevy. Leningrad, Detskaia lit-ra, 1967,
  349 p.
- SALYNSKII, A.D. [Pebblos on the palm of one's hand; a play in two parts] Kameshki na ladont; p'esa v dvukh chasilakh, Moskva, Iskusstvo, 1966. 90 p. (Segodnia na stsene) (IU) (MII) (NIC)
- SAMKHARADZE, G.A. [Rustavell and contemporary Georgian poetry. Rustavell i sovromentala gruzinskala poezila. Tbilisi, Nakaduli] 1966. 72 p. [In Georgian]

- SATTAR, RAKHIM. [The song continuos, verse] Zhyrdevam ite, shigyr ler. Kazan, Tatarstan kitap neshritaty, 1966. 63 p. [In Tatar]
- [SAVE YOUR DREAM, sketches] Benegite svoju mechtu, ocherki, Moskva, Izd-vo gazety "Knasnaja zvezda," 1966, 31 p. (Bibliotechka "Krasnoj zvezdy, no. 24(201))
- SEGERT, STANISLAV. [The Ugaritic language, Translated from the German] Ugaritiskii lazyk, Moskva, Nauka, 1965, 101 p. (IAzyki narodov Azii i Afriki) (NNC)
- SEITAKOV, BEKI [The cobweb, a science fiction tale Translated from Tuckmen] Paulina; fantastivo-prikliuchencheskala povest' [Ashkhabad] "Turkmenlstan," 1986 228 p.
- SEL'VINSKII, I. L. [Selected verse, Izbrannata lirika]. Moskva, Molodala gvardita, 1987, 31 p. (Bibliotechka izbrannoi liriki)
- SEMENOV, M.G. [Year of the fisherman] God rybolova lzd.2., ispr i dop. [Moskva, Sovetskaia Rossiia, 1986] 150 p
- SERBIUK, IURH. [Trumpets of the heart, poems] Surmy sertsla, poezil. Kylv, Molod', 1965. 96 p. (Persha knyna) (CaOTU)
- SERGEEV, I.V. Krylov. Moskva, Detskaia lit-ra, 1966. 317 p. (Shkol'naia biblioteka) (FTaSU)
- SIfAMOV, 1.V. [The little poplar tree, verse of various years] Topolek, slikht raznykh let. Voronezh, TSentral'no-Chernozemnoe knizhnoe izd-vo, 1964. 134 p.
- SHATUNOVSKII, J. M. [A diamond log, feuilletons] Bi il-Bantovoe poleno, fel'etony. Moskva, Pravda, 1968. 62 p. (Biblioteka "Ogonek," no. 41)
- SICHIPAKHINA, L.V. [Selected verse, Izbramaia lirika, Moskya] Molodaia gvardiia, 1967–31 p. (Bibliotechka izbrannol liriki)
- SHENGELAIA, D.K. [Buried treasure; novels, tales and stories. Translated from the Georgian Klad; romany, povesti i rasskazy. [Moskva, Khudozh, li-ra, 1960] 333 p. illus.
- SHEVCHENKO, T.H. Nazar Stodolia. Kylv, Derzh vydvo khudozhnioi lit-ry, 1983 88 p. (Bibliotechka samodial'noho teatru) (Cea 18)
- SHEVCHENKO, T.H. [Tales: A maid, An escaped convict, The princess, Music, An unhappy person, The wife of an army captain, Twins, An artist, A trip, With pleasure, There are some moral aspects tool Povisti: Naimyelka, Varnak, Kulahynia, Muzyka, Neshchasnyi, Kapitansha, Blyzniata, Khudozhnyk, Mandrivka, Z prytemnistu, Ta i ne bez moral, Kylv, Derzh, vyd-vo khudozh, lit-ry, 1964, 681 p. (CaADU)
- SHEVELEY, A.A [August] Avgust. [Leningrad] Lentz-dat, 1066. 41 p. (Pervala kniga poeta)
- SHILIN, GEORGII. [Kamo; a tale] Kamo; povest' Stav-ropol', Knizimoe izd-vo, 1986. 110 p.
- SHUBIN, A.I. [Seven pairs of iron shoes, tales] Sem' par zheleznykh botinok; povesti. Voronezh, TSentral'-no-Chornozemnoe knizhnoe izd-vo, 1966. 323 p. illus.
- SHUR, M. M. [A tale with an address] Povest' s adresom. [Moskva] Profizdat, 1967. 173 p. (Povesti o gerofakh)
- SHYIAN, ANATOLII. [Thunderstorm] H10za. Kyiv, Derzh, vyd-vo khudozh, lit-ry, 1962. 414 p. (CaAEU)
- SIATKOVSKII, S. I. [Indefinite-personal sentences in the Russian and Polish languages] Neopredelenno-lichnye prediozhonila v russkom i pol'skom iazykakh. Nauch. rukovoditel' T. P. Lomtev. [Moskva] Izd-vo Mosk. univ., 1996. 27 p. (CaOTU)

- SIDORENKO, N. N. [This unforgettable night, lyrics] Eta nezapaniatnaia noch', Itrika. [Moskva, Sovetskii pisatel; 1965] 69 p. (NIC)
- SIDOROV, V.M. [Light, verse] Svet, stikhi. Moskva, Sovetskii pisatel', 1966. 102 p. (NIC)
- [SILVERY WORD, articles on literature for children and young people] Sudrabotate vards; raksti par bernu un jaunaines literaturu Riga, Liesma, 1986. 210 p. [in Latvian]
- SIMONOV, K.M. [Collected works in six volumes] Sobranic sochinenti v shesti tomakh. Moskva, Khudozh, lit-1a, 1966 – 6 v. (NjR)
- SINE L'NIKOV, L. I. [Difficult exam; a comedy-farce in one act] Trudnyl ekzamen, komedila-shutka v odnom delstvii Moskva, Iskusstvo, 1967. 19 p. (Repertuar khudozhestvennoi samodelatel nosti, no. 1)
- [SLOVAK POETRY; AN ANTHOLOGY. Translated from the Slovak] Slovats ka poezita, antologita. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1964. 414 p. (OCh)
- SOLODNIKOV, G.N. [The rowan is a bitter betry; a tale in novelle] Riabina, lagoda gor kala, povest'v novellaklı. Perm', Permskoe knizhnoe izd-vo, 1966 100 p
- SOLZHENITSYN, ALEKSANDR. [Works] Sochinentin. [Frankfurt am Main] Posev, 1986. 316 p.
- STAL'SKII, SULEIMAN, [Verse, Translated from the Lezghlan] Stikhi. Moskva, Gos.izd-vo-khudozh.lit-ry, 1959. 230 p. (NIC)
- STEBLIN-KAMENSKII, M.I. [Sketches on the diachronic phonology of Scandinavian languages] Ocherki po diakhronicheskoi (onologii skandinavskiki inzykov. [Leningrad] Izd-vo Leningr, univ., 1956, 145 p.
- STEL'MAKH, M. P. [Blood is not water, a novel] Krov lluds'ka - no vodytsia, roman. Kyżv, Derzh. vyd-vo khudozh, lit-ry, 1962. 265 p. (CaOTU)
- STETSENKO, L. F. [Secrets guessed; a tale by a specialist in literature] Talemnytsi rozhadano, opovidannia literaturoznavisia [Kyiv, Dnipro, 1966] 90 p
- STOIANOV, LIUDMIL, [Childhood, Translated from Bulgarian] Detstvo, Moskva, Khudozh, Itt-ra, 1966, 253 p.
- [STORIES OF THE WRITERS OF ISRAEL. Translated from Hebrew and Yiddish] Rasskazy Izrail'skikh pisatoloi. Moskva, Progress, 1965. 319 p. (ViMiM)
- STORM, G.P. [The deeds of Sviatoslav] Podvigi Sviatoslav. [Izd. 3.] Moskva, Gos. izd-vo detskoi lit-ry, 1963. 61 p. (CaqMU)
- STRYGIN, A.V. [The pay off; a novel] Rasplata; roman. Voronezh, TSentral'no-Chernozemnoe knizhace izd-vo, 1968. 374 p. (IEN)
- SVITLYCHNA, HANNA. [Sunny moorings; poems] Soniaclui prychaly; poezii. Dnipropetrovs'k, Pronin', 1966. 83 p.
- SYMONENKO, VASYL'. [Poemš] Poezii. Kylv, Molod', 1966. 205 p. (NN)
- SYNHAIVS'KYI, P. F. [My worries are eternal, poetry] Moia turbota vikovichna; poezil. Kyiv, Rad. pys'ntennyk, 1967, 55 p.
- TARASENKOVA, N.N. [Strangers and friends] Chuzhie i blizkie. Moskva, Izd-vo polit. lit-ry, 1966. 93 p. (Vremia i Hudi)
- TATIANICHEVA, L.K. [The province of personal happiness; verse] Oblast' Hehnogo schast'ia; stikhi. Moskya, Pravda, 1966. 31 p. (Biblioteka Ogonek, no. 26)

- TEL'PUGOV, V.P. [The ice of Mozhaysk; storles] Mozhaiskii icd, rasskazy. [Meskva] Molodaia gyardia, 1986. 251 p. (CU)
- [TIMF, JUDGE IT! Articles on literature] Vionia, sudi! Slat'i o literature. Moskva, Pravda, 1967-77 ρ (Biblioteka "Komsomol'skol pravdy," no. 3)
- Tiumeneya, G.A. [Gogol' and music] Gogol' i muzyka. Moskva, Muzyka, 1966. 214 p.
- TKACHENKO, L.V., and S.H. NIKITASHENKO. [A morel, humorous and lishermen's stories] Chmur; humorosky ta rybal's'hi opovldannia. Kyiv, Rad. pys'mennyk, 1965. 182 p. Illus.
- TOLMACHEV, M. V. [Marcel Proust. The crists of the modern French novel of the 1920's. Author's abstract of the dissertation for the degree of Candidate in Philosophical Sciences] Marsel' Prust. K voprosu o krizise frantsurskogo modernislekogo romana 1920-kh gg Avtoreforal dissertatsit na soiskante uchenol stepeni kandidata filosofskikh nauk. Nauch. 1 ukovoditel'-B. I. Purtshev. Moskva, Mosk. gos. pedagog. in-t, 1965. 19 p.

  [MICROFILM]
- TOISTAIA, T. V [The childhood of Lermontov; a tale] Detstvo Lermontova; povest'. [Izd.3.] Moskva, Detskala lit-ra, 1964 335 p facelims , plates. (Shkol'-naia biblioteka) (NCD)
- TOLSTOI, L.N. [Collected works in twenty volumes]
  Sobranie sochlaenii v dvadisati tomakh. Pod obshchei
  red, N.N. Akopovol i dr. Moskva, Khudozh, lit-ra,
  1960?- 20 v.
  (NjR)
- TOLSTOI, L.N. [Prisoner of the Caucasus] Kavkazskii plenuk. [Moskva, Detgiz, 1981] 62 p. (Shkol'nain biblioteka dila nerusskikh shkol) (III)
- [TRAVELS BEYOND THE SEAS] Khozhdenic za tri moria. Moskva, Sovetskii pisatel', 1986. 379 p. Blus. (IU) (MH)
- TSULEEKIRI, N.A. [The white mountain; a tale] Belain gora; povest'. [Moskya, Molodata gyardita, 1967] 189 p. (Molodye picatell)
- TURGENEY, I.S. [Articles and materials (1818-1893-1958)] Stat't t materialy (1818-1893-1959). Orel, Orlovskoe knizhmee izd-vo, 1960. 613 p. (OCI)
- TURGENEY, I.S. [Complete collected works and letters in twenty-eight volumes, Letters in thirteen volumes] Poince sobrante sochiment i piecn v dvadtenti vos'mi temakh. Pie'ma v trinadisati temakh. Moskva, Nauks., [Letters] Pie'ma, Vol.12. Book l. 1870-1878, 1900, 765 p.
- TURGENEY, I.S. [Complete collected works and letters in twenty-eight volumes. Works in fifteen volumes] Poince sobranic sochinenti i pisem v dvadisati vos'mi tomakh. Sochinentia v piatnadisati tomakh. Moskva, Nocks.
  - [Works] Sochinoniia, Vol.12. [Virgin soil, 1876. Introduction to novels, 1880] Nov', 1976. Predislovisk romanum, 1980. 1966. 581 p.
- TURGENEV, I.S. [Fathers and sons; a novel] Oltsy t dett; roman. Tula, Prickskee knizhnoe izd-vo, 1906.
- TURICHIN, I.A. [Today the sun will not set; a tale] Segodala solutse ne zaidet, povest', [Murmansk] Murmanskee kaizhnee izd-vo, 1965, 156 p.
- TURKMENSKII GOSUDARSTVENNYI UNIVERSITET.
  [Bibliographical index of literature on Turkmen linguistics, 1924-1964] Bibliograficheskii ukazatel' literatury po turkmenskomu izzykoznaniu (1924-1964.gg.). Asikhabad, "Turkmenistan," 1966.
- TURKOY, A.M. Nikolai Zabolotskii. Moskva, Khudozh. lit-ra, 1996. 141 p. (CIY)
- TVARDOVSKII, A. T. [Collected works in five volumes]
  Sobranie sechinenii v piati tomaklı, Moskva, Kludezlı,
  lit-ra.
  - -ra. Vol. 2. [Poems: Country of Muravia, Vasilit Terkin] Poemy: Strana Muravila, Vasilit Terkin, 1986, 413 p.

- TVFRDOV, E.G. [In the forests of the Onega Lake region] Viceath Prionczh'ia, Moskoa, Sov. pisatel', 1966
- TYCHYNA, P.H. [Selected works] Izbrannoe, Moskva, Khudozh, lit-ra, 1905, 246 p.
- TYLKURANTSI, OVANNES, [Verse, Critical text, reserved and commentaries by E. Pivazian.] Sülrhi, Nauchno-kritichtskii tekst, issledovanie i komentalii E. Pivaziana, Erevan, izd-vo Akad, nauf Almianskoi SSR, 1960. 297 p. [In Armentan]
- UPITS, ANDREJS. [Renegades, a novel. Translated from the Latvim] Renegaty, roman. Moskva, Khu-dozh. lit-ra, 1985. 325 p. illus.
- UVAROVA, L. Z. [The Cape of Good Hope, stories and a tale] Mys Dobron Nadozhdy, tasakazv i povest', Moskva, Sovetskaia Rossiia, 1966, 147 p. Illus, (IU) (NIC)
- VAL'BE, B.S. ["The life of Klim Sangin" in the light of the history of Russian social thought? "Zhlzn' Klima Sangina" v svete istorif russkof obshchestvennof mysli, Mostva, Sovetskif pisatel', 1986, 286 p.
- VARUSTER, L E [The magazine "RussFoe slovo" 1859-1866] Zhurnal "RussFoe slovo" 1859-1866 [Lentn-grad] Izd-vo Leningr univ ,1966. 250 p
- VENCLOVA, ANTANAS. [Time and writers] Laikus ir rasytojai Vilnius, Valstybine grozines lit-ros leidy-kla, 1958 766 p [in Lithuanian]
- VENCLOVA, ANTANAS. [Verse, Translated from Lithuanian] Stikhotvorenlia, Moskva, Khudozh, lit-ra, 1966, 246 p. (Biblioteka sovetskoi poezii) (MH)
- VIDGOP, L.N., and IA.L.SUKHOTIN. [Secret of skipper Harvey] Sckret skippra Knarveia. Leningrad, Detskala lit-ra, 1967, 205 p.
- VOINOV, V.I. [The people of Dukhovo, a novel in three parts] Dukhovchane, roman v trekn chasilakh. Moskva, Sov.pisatel', 1967. 530 p.
- VOROB'EV, V.I. [Fairy tales] Skazki. [Peim'] Perm-skoe knizhnoe izd-vo, 1966. 116 p
- VORONSKII, A.K. [Seminary] Bursa. Moskva, Khudozh. Ht-ra, 1966. 318 p.
- VSEVOLOZHSKII, 1.E. [Night fogs, scenes from sea-men's lives] Nochnye tumany, stseny iz zhizni moria-kov Moskva, Voenizdat, 1967 253 p
- [WIDE-OPEN OCEAN] Okeanskie prostory. Vladivostok, Dal'nevostochnoe knizhnoe izd-vo, 1965, 103 p.
- ZAKHAROV, M.A. [The lad tiles..., short stories] Stanaetsia paren'..., korotkie rasskazy, Moskva, Pravda, 1965. 60 p. (Biblioteka Krokodila, no.16(429))
- ZALITE, ELINA. [An early rust, a novel] Agia rusa, romans. Riga, Liesma, 1966. 354 p. [In Latvian]
- ZAMIATIN, V.D. [Selected works] Inbrannoe. Moskva, Sov.Rossiia, 1966 212 p
- ZARIAN, NAIRI. [Sasowntsi Davit'. David Sasunskii. Erevan, Alastan] 1966. 193 p. [In Armenian]
- ZHDANOVA, LIDIIA. [Demontracks] Besovy sledki. Riga, Liesma, 1967. 85 p.
- ALOVTOBRIUKEI, M.A. [A course in the present-day Ukraintan literary language] Kurs suchasnoi ukrains'-kol literaturnoi movy. Vyd. 3. Kyiv, Radians'ka shkola, 1965-(NcU)
- ZINGER, M.E. [We took field trips, selected works] Knodili ny pokhodami, izbrannos. Moskva, Sovetskii plaatel', 1959, 471 p. Illus. (OU)
- ZOLOTUSHKIN, ALEKSANDR. [Verse] Stikhi. Kishi-nev, Kartia Moldoveniaske, 1986. 157 p. (IEN)

- ZUL'FIIA. [Versc. Stikhi Tashkent, Goslitizdat UzSSR] 1963. 157 p. (Biblioteka uzbekskikh sovetskik postov) [In Uzbek] (MH)
- ZUNNUNOVA, SAIDA. [Verse, Stikht Trishkent, Izdvo Tashkent 1964, 153 p. (Biblioteka uzbekskikh sovetskikh poetov) [In Uzbek]
- ZVIAGIN, IU M [The sparks will not go out, sketches] Iskiv ne ostyvalut, ocherki Tbilist, Literatura da khelovneba, 1965, 96 p (Bibliotechka ocherka)

#### 12. GEOGRAPHY & GEOLOGY

- AKADEMIIA NAUK SSSR. Dal'nevostochnyi filial,
  Dal'nevostochnyi geologicheskli institut. [Problems
  of the petrology of metamorphic and igneous rocks] Voprosy petrologii metamorficheskikh i magmaticheskikh por od Vladivoslok, 1965. 64 p.
- AKADEMHA NAUK SSSR, Komissia po izuchemiu chet-vertichnogo perioda. [Upper Pleistocene, stratigraphy and absolute geochi onology] Verkhnil pleistotsen, stratigrafila i absolutnala geokhi onologila, Moskva, Nauka, 1966. 283 p.
- ALDAN-SEMENOV, A.I. Semenov-Tian-Shanskii, Mo-siva, Moledaia gyardiia, 1965, 303 p. illus. (Zhizn' zamechatel'nykh liudei. Seriia biografii, no. 24(415)) (FTaSU)
- ALEKSANDROVA, L.N., O.A.NAIDENOVA, and O.V. IURLOVA. [Practical course on the fundamentals of geology] Praktikum po osnovam geologii Moskva, Vysshafa shkola, 1966, 151 p
- [ATLAS OF MOTOR HIGHWAYS OF THE U S.S.R.] Atlas aytomobil'nykh dolog SSSR. Moskva, Glav upr., geoderil i kartografii MG SSSR, 1986 | 186 p
- BETEKHTINA, O.A. [Upper Paleosic non-marine Pelo-cypeda (bivalves) of Siberia and castern Kazakhstanj Verkhnepaleozoiskie nemorskie peletsipudy (dvu-stvorki) Sibiri i Vostocinego Kazakhstana, Moskva, Nauka, 1966. 219 p. illus.
- [CONQUERED PEAKS, a collection of Soviet alphnism]
  Pobezhdennye vershiny, sbornik sovetskogo al'phnizma
  1961-1964, Moskva, Mysl', 1966, 420 p.
- [CULTURE AND LIFE OF THE PEOPLES OF 1 OREIGN EUROPEAN COUNTRIES, ctimographical studies] Kul'tura i byt narodov zarubezhnoi Evropy, ctnografi-cheskie issledovanita Moskva, Nauka, 1907 254 p
- ERLIKH, E. N., ed. [Geochemistry of the Cenozole Kurile-Kamchatka volcanic region] Petrokhimita kainozolskol Kurilo-Kamchatskoi vulkanicheskoi provintsii. Moskva, Nauka, 1966. 276 p.
- GARBALIAUSKAS, Č., and V.ŠČEMELIOVAS, eds.
  [Lithuanian climate] Lietuvos kilmatas. [By]Ā, Buzas ir kiti. Vilnius, Mintis, 1966. 158 p. [In Lithuanian]
- GENKINA, R.Z. [Fossil flora and stratigraphy of Lower Mesozote sediments of the Issykkul' Basin (northern Kirghizistan)] Iskopaemaia flora i stratigraffia nizhne-mezozotskikh otlozhenii Issyk-Kul'skot yadihy (Sover-naia Kirgizifia), Moskva, Nauka, 1966, 147 p. fillus.
- [GEOLOGY OF THE U.S.S.R.] Geologiia SSSR. Glav. red. A.V. Sidoi enko. Moskva, Nedra. Vol. 19. Kiasnyl, L.1., A.A. Leonlovich, and V.V. Onikhimovskii, eds. [Kinharovski Terrilory and Amur Province] Khabarovskii krai i Amur skaia oblast'. Pt. 1. [Geological description] Geologicheskoe opisanie. 1966. 736 p. map (insert)
- [GEORGIAN S.S.R.; administrative-territorial divisions as of January 15, 1966] Gruzinskaia SSR; administra-tivno-territorial'noe delenie na 15 iunvaria 1966 goda. 12d, 3. Tbilisi, 1966, 275 p.
- [GLACIOLOGICAL STUDIES IN KAZAKHSTAN] Oliutsio-logicheskie issledovanija v Kazakhstane, Alma-Ata, No. 6. 1986, 139 p,
- GORCHAKOY, V.A. [Through the Don Valley and the Kuban] Po Donu 1 Kubani. Leningrad, Khudozhnik RSFSR, 1965. 35 p. (MII)
- GORIACHEV, A.V. [Basic characteristics of tectonic de-velopment of the Kurile-Kamehatka zone] Osnovnye zakonomernosti tektonicheskogo razvitila Kurilo-Kam-chatskoi zony. Moskva, Nauka, 1986—234 p.

- [GREMYAKHA-VYRMES MASSIF IN THE KOLA PENIN-SULA] Massiv Gremtakha Vyrmes na Kol'skom polu-ostrove. [By] A.A. Polkanov i dr. Moskva, Nauka, 1967. 235 p.
- GRICHER, J.G. [A meeting with Martanne] Syldante a Martannoi. [Moskya, Moleclain gyardiin, 1965] 38 p. (Royentk shagaet po plancie) (MII)
- [GUIDEBOOK FOR MOTORING TOURISTS IN THI UKRAINE] Putevoditel' avloturista po Ukraine Kier, Budivel'nyk, 1967-197 p
- HUDZENKO, P.A. [Sumy Province, a geographic sketch] Sums'ka oblast', geografichnyi navys. Vidpovidal'nyl red. O.T.Dibrova. Kyiv, Radians'ka shkola, 1958. 119 p. (Oblasti Ukrains'koi RSR) (NN)
- INTERNATIONAL GEOLOGICAL CONGRESS. 29th,
  Mexico, 1956. [Cambi lan system, its pale ogcogi aphy,
  and the problem of lower boundary, a symposium]
  Kembi liskala sistema, ee palengeegi affla 1 problema
  alzbinet granitsy, simpozium. Moskva,
  Vol. 3. [Western Europe, Africa, U.S.S.R., Asila,
  America] Zup. Evropa, Afrika, SSSR, Azila,
  Amerika. 1961. 515 p. [In 5 languages]
- INTERNATIONAL GEOLOGICAL CONGRESS, 21st, Coptu-hagen, 1960. [Transactions. Translated from English, German, and French] Trudy. Pod red. D. P. Naldini E. V. Pavlovskogo. Moskva, Ed-vo Inostr. It-19. No.1. [Stratigraphy, paleontology, and paleogeography] Stratigrafila, paleontologita i paleogeografila, 1963, 578 p.
- KALININGRAD, [Kaliningrad] Kaliningradskoe knizhnoe izd-vo, 1966, 1 v. 134 p. illus,
- KARATAEV, G. I. [Correlation scheme of the geological interpretation of gravity and magnetic anomalies] Kor-reliatsionalia skhema geologit beskof interpretatsit gravitatsionayki i magnilnyki anomalii. Novosibirsk, Nauka, 1966. 134 p.
- KOCHETKOV, V M [Seismicity of Yakutla] Seismich-nost' Idkutii Moskva, Nauka, 1966. 90 p
- KOVALEV, I.A. [Uglich, a guide to the city and environs]
  Uglich, putevoditel' po goroda i okrestnostiam. [1410
  slavi', Verkhne-Volzhskoe katzhnoe Izd-vo, 1965] 163 p. (Int/)
- KUZNETSOV, K. F., and G. M. METTUV. [Geochemistry of rare elements in Tead-zine deposits of enatern Transbalkalia] Geokhimila redkikh elementov v sylatsuvetsinkovykh mestorozhdenilakh Vostochnogo Zabatkalija. Moskva, Nauka, 1967. 246 p.
- LYMAREV, V.I. [Coasts of the Aral Sea, Inland reservoir of an arid zono] Berega Aral'skogo morin vautrennego vodoema aridnoi zony. Leningrad, Nauka, 1907. 251 p.
- MARINOV, N.A., ed. [Materials on the geology of the Mongolian People's Republic] Materialy po geologii Mongoliskoi Narodnoi Respubliki. Moskva, Redra, 1966–265 p
- NAUCHNOF SOVESHCHANIE GEOGRAFOV SIBIRI I DAL'-NEGO VOSTOKA, 3d, Irkutak, 1966. [Matertals of the 3d Scientific Conference of life Geographers of Siberia and the Fat East] Materialy, It kutsk No 1. [Role of geography and the tacks of geogra
  - phore in the comprehensive study and reclamation of the West Sibersan Lowland Roll geografut a zadachi geografov v kompleksnom izuchenil 1 os-vonil Zapadno-Sibirskoi nizmennosti. 1060.
  - 75 p.
    No.2. [Results of and outlook for the introduction of now methods of geographical research] Rogi i perspektivy vnedronila novýkh metodov geografickeskikh issledovanii. 1066. 72 p.
- ODRUCHEV, V. A. [Plutonia, Sannikov Island] Plutonila, Zomila Sannikova, Moskva, 1958, 638 p. (Biblioteka prikliuchenii)
- PASETSKII, V.M., comp. [In the country of white sphiat] V strane belogo slinkan. Loningrad, Gidi ometeolodat, 1960. 337 p.
- PECHERKIN, I. A. [Geodynamics of the shore lines of Kuma reservoirs] Geodinamika poberczkii kamskiki vodokiranilishch. Perm' Pormskii gos. univ. Pi. I. [Engineering geology conditions] Inzbenernogeologicheskie usloviia. 1986, 198 p.

- PINUS, G.V., and R.N KOLESNIK [Alpine-type ultra-basic rocks of the South of Siber n.] Al'pinotipnye giper-bazily iuga Sibiri Moskva, Nauka, 1966 209 p
- POCHIVALOV, L.V. [We are abroad, pages from diaries from abroad] My 2.4 granitsei, stranichki iz zam-bezhnykh dnevmkov. [Moskva] Molodata gyardila, 1967, 268 D.
- POVARENNY KII, A.S. [Crystallochemical classification of mineral types] Kristallokhimicheskala klassifikatsila prineral nykli vidov. Kiev, Naukova dumka, 1966.
- (PROBLEMS IN THE GEOGRAPHY OF THE AMUR VALLEY) Voprosy geografii Primmur'ia, Khabaroysk, 1965–108 p.
- PROBLEMS OF HYDROGEOLOGY AND HYDROCHEM-ISTRY] Vopi osy gldrogeologii i gich oblimii. [Lenin-grad Ird-vo Leningr, univ., 1966, 175 p.
- [RADIOGEODETIC WORKS IN GEOPHYSICAL SURVEYS, a practical manual] Radiogeodezicheskie raboty pri geofizicheskikh s''emakah, prakticheskoe posobie. Moskva, 1965. 223 p
- RHSALO, JAAN. Karkei, Tallinn, Eesti Raamat, 1966. 70 p. [In Estonian]
- RUDNIK, V A. [Atomic volumetry as applied to metasomatic for mation of minerals and rocks] Atomno-ob"ennyl metod v primonenii k melasomaticheskomu mineralo- i porodoobrazovaniiu Leningrad, Nedra,
- SAAR, ASMU. [From Tallinn to Klooga] Tallinnast Kloogale. Tallinn, Eesti Raamat, 1966. 118 p. [In Estonian]
- SEIDBEILI, G. M. [Fifteen days in Japan] On besh kun IAponiada. Baky, Azeraeshr, 1966. 128 p. [In Arei baijani]
- SEMENENKO, N.P. [Metamorphism of mobile zones] Metamorfizm podvizhnykh zon. 2., dop.i perer.izd. Kiev, Naukova dumka, 1966. 296 p.
- SHVETS, V.N. [On the roads of the Crimea, guidebook for motoring tourists] Dorogami Kryma, sputnik avtolurista. Simferopol', Izd-vo Krym, 1967. 143 p.
- [SMOLENSK, a guidebook] Smolensk, putevoditel', 4*, ispr. i dop. Erd. [Moskva, Mosk, rabochil, 1965] 230 p. (CaOTU) (NIC)
- STANIUKOVICH, K.V. [On the trail of an astonishing mysleay, from the diany of an expedition! Po sledam udwitel/noi zagadki, iz dneynika ekspeditsii. [Moskva] Mulodain gyardiia, 1965. 197 p.
- STEPANOV, V.N. [Ocean and the future of the earth] Ocean i budushchee Zemli, Moskva, Znanie, 1967, 77 p. (Novoc v zhizni, nauke, teknnike, XIII Serila: Nauka o Zemic, 2/3)
- SUDOVNIKOV, N.G. [Problem of rapakivi and late oro-genic intrusions] Problema rapakivi i pozdneorogen-nykh intruzii, Moskva, Nauka, 1907, 116 p.
- TAKSAMI, CH.M. [The Nivkh; their present-day economy, culture, and way of life] Nivkhi; sovremennes kho-zinistvo kultura i byt. Leningvad, Nauka, 1967.
- TRECIAKAUSKAS, K. [At the lakes of Ignalina] U Ignalinskikh ozer. Vilnius, Gos. Lzd-vo polit i nauch litry Litovskoi SSR, 1963. 14 p.
- TSIUPA, I.A. [Our country, the Ukraine] Ukraina ridnyl krai. Kyiv, Veselka, 1905. 205 p. (MiU)
- USEBALV, KENESBAI. [The country of three thousand islands; travel notes of a journalist. Strana trekh tysiach ostrovov, putevye zametki zburnalista. Alma-Ata, Izd-vo Kazakhatan] 1964. 82 p. [In Kazakh] Ata, 12... (MH)
- VAN'IAN, L.L. [Establishment of the electromagnetic field and its use for the solution of the problems of structural geology] Stanovienic elektromagnitnogo polla i ogo ispol'zovanie dila reshenia zadach strukturnol geologii. Novosibirsk, Nauka, 1966. 101 p.
- VEJANS, ANDRIS. [A green lizard; first visit to Cuba] Zala kirzacina; pirma sastapsanas ar Kubu. Riga, Liesma, 1966. 136 p. [In Latvian]

- VIALOV, O.S. [Traces of the vital activity of organisms and their pationtological significance] Siedy zhiznedelatel 'nosti organizmov' i ikh pateontologicheskoe znachenie, Kiev, Naukova dumka, 1966. 219 p.
- VINOGRADOV, V.N. [Glacters of Kamelatka] Ledniki Kamelatki Pod red B I Plipa. Petropavlovsk-Kamelatskii, Kamelatskii otdel Geografieleskogo ob-va Soluza SSR, 1965–19 p

- VOROB'FV, G. G. [What do you know about tektites?] Chto vy znaete o tektitakh. Moskva, Nauka, 1966 109 p. (Nauchno-populia nain serila)
- [YOUNG TOURISTS IN THE CARPATHIANS, a guidebook in Ukrainian and Russian] Hungi turpst v Karpatal h; putivnyl ukrains kolu ta rosiis koiu movanny. Uzhborod, "Karpaty," 1966. 318 p. Illus., fold, maps (in pocket), (NN)
- ZAJDLER, LUDWIK [Atlantis Translated from Polish] Atlantida. Pod red N F Zhirova Posicslovic O K Leont'eva Moskva, Min, 1966. 342 p.

## 13. SCIENCE

- AKADEMIIA NAUK SSSR. Institut fiziologit [Neurohoi-monal regulation of lactation] Nelio-gormonal nata regulatsiia laktatsii Moskva, Nauka, 1986. 234 p.
- AKADEMIIA NAUK SSSR. Institut ki istallograffi. [Dislocations in crystals; a bibliographical index] Dislocatell v kristallaki; bibliograficheskii ukazatel, 1959-1964. Moskva, Nauka.
  No. 2. 1966. 360 p.
- AKADEMIIA NAUK SSSR, Sibirskoe oldolente, Institut analiza, Methoda of sludying catalysts and catalytic reactions) Methody issledovantia katalizatorov i kata-liticheskikh real-tstil. Novosibirsk, Redaktslonno-izdatel skil oldel Sibirskogo old-niia AN SSSR. Vol. 2. 1965, 445 p.
- AKADEMIIA NAUK SSSR. Sibirskoe oldelenie, Institut matematiki, [Mathemalical programming] Malema-licieskoe programminovanie, Moskva, Nauka, 1966,
- AKADEMIIA NAUK URSR, Instytut radiofizyky i etektro-niky. Radiographie studies of sea wayes! Radiogra-ficheskie issledovanita morskogo volnenita. Pod red, S.IA. Braude. Kiev, Izd-vo Akad. nauk URSR, 1962. 114 p. (WaU)
- AKHMADKHADZHAEV, B., and V B.BELIAEV. [Convergence of two-particle distintegration in the problem of three bodies] O skhodimosti 2-clastic hnykh razlozhenti v zadache trekh tel. Dubna, 1867—7 p
- ANNUS, A. [Analysis of objects to udergo automation] Automatiscerimisobjektide uurimine. Tallinn, Valgus, 1965. 145 p. [In Estonian]
- [APPARATUS AND METHODOLOGY OF SEISMIC OBSER-VATIONS, seismographs, oscillographs, analyzers] Apparatura i metodika seismometricheskikh nabludenii, scismografy, ostsillografy, analizatory. Mo-skva, Nauka, 1966. 158 p.
- ARBAEV, S.A., K.S.SULAIMANKULOV, and K.Sii. SHATEMIROV. [Russian-Kirghiz dictionary of chemi-cal terms] Khimilalyk terminderdin oruscha-kyrgyz-cha sozdugu. Russko-kirgizskii slovar' khimicheskikh terminov. Frunze, Ilim, 1966. 317 p.
- BABIKOV, V.V. [Modern models of nuclear forces. Paper delivered at the 17th Conference on Nuclear Spectroscopy and Nuclear Structure, Kharkov, 1967] Sovremennye modeli iadernykh sil. Doklad, predstavlennyi pa XVII soveshelanie po iadernoi spektroskopii i strukture atomnogo ladra (Khar'kov, 1967 g.). Dubna, 1967 10 p.
- BABIKOV, V.V., and V.S.KBELEV. [Description of elastic nucleon-nucleon scattering in a mesonic model of nuclear forces] Opisante uprugogo nuklon-nuklon-nugo rassemanta v mezonnot modeli ladernykh sil Dubna, 1967. 16 p.
- BADALOV, S.T. [Rate elements of Central Asia] Urta Oslening nodir elementiari. Toshkent, Fan, 1965. 47 p. [In Uzbek]
- BAGREEV, V.V., and V.B. MESSICHERIAKOV. [Methodological textbook for use in solving problems in theoretical mechanics; statics] Motodicheskoe posoble poroshenilu zadach teoreticheskot mekhaniki; statika. Moskva, 1966, 81 p.

- BAKHMAN, N.N., and A.F.BELIAEV. [Combustion of heletogeneous condensed systems] Gorente getero-gemyth kondensitiovannykh sistem, Moskva, Mauka, 1967. 225 p.
- BAKULIN, P.I., E.V KONONOVICH, and V.I MOROZ. [Counse in bisic astronomy] Kurs obsidence astronomit Moskva, Nauka, 1986 527 p
- BAT', M.I., G.IU.DZHANELHDZE, and A.S.KEL'ZON. [Theoretical mechanics in examples and problems] Teoreticheskala mekhanika v primerabli izadachaida, Pod red. G.IU. Dzhanelidze, Moskva, Nauka, Vol. 2. [Tynamics] Dhamika, Izd. 3., stereotipnoe, 1966, 663 p.
- BAZ', A.I., IA.B. ZEL'DOVICH, and A.M. PERELOMOV, [Scattering, reactions, and decays in non-clativistic quantum mechanics] Russelante, reaktsii i raspady v nerelialivistskoi kvantovoi mekhaniko. Mositva, Nauka, 1966. 339 p.
- BEI-BIENKO, G. M. [General entomology] Obshchata entomologita, Moskva, Vysshala shkola, 1966. 495 p.
- BELIAEV, V.B., and R.A ERAMZHIAN [Neutron asymmetry due to  $\mu$ -capture on nuclet] K voprosy ob using metric in netronov pri  $\mu$ -zakhvate na ladrakh. Dubna, 1987. 8 p
- [BIOCHEMISTRY OF LEGUMINOUS PLANTS; protein substances of seeds and taxonomy of Leguminovae Blokhimlia bobovykh rastenti, belkovye veshehestva semian i sistematika bobovykh. Moskva, Nauka, 1967.
- BLFIDELIS, J. [X-rays, prospectors of crystals] Rentgenstart kristalu trlukt. Riga, Zinatne, 1998 94 p. [in Latvian]
- BOGOLIUBOV, N.N., ed. [Structure of complex nuclei] Struktura slozimykh lader. Moskva, Atomizdat, 1906, 350 p. (Letniain shkola (izikov)
- BORISOV, S.N., M.G., VORONKOV, and E.M. LUKE-VITS [Organosilicon-organometallic compounds, nonorganogenie dei ivatives] Kremneelenietoorganiche-skie seedinentia, profevolinje neorganogenov [Lenin-grad] Khimita, 1966—541 p
- CHEKH, IAN. [Semiconductor control scheme of a scan-ning device for spark chamber films] Polaprovodulko-vata skhema upravlentin pribora dia prosmotra plenki a iskrovyki kamer. Dubra, 1987. 4 p.
- CHEREPANOV, A.I., ed. [Diological principles of the control of bloodsucking diptora in the Ob' River basin] Biologicheskie osnovy bor'by a gnusom v basseine Obi. Novosibitak, Nauka, 1906. 267 p.
- [COMPOSITE SEMICONDUCTORS] Slozbnye połuprovodniki. Baku, Izd-vo Akad, nauk Azerbaldzkanskoi SSR, 1066. 134 p.
- [CONCISE CHEMICAL ENCYCLOPEDIA] Kratkala khimi-cheskata entsiktopedila Red. kollegtia I. L. Knuntants 1 dt. Moskva, Sovetskata Entsiktopedila (Entsiktope-dil, slovati, spravochnikt) Vol.5 T-IA, 1867, 1184 columns
- DAVYDOV, N.N. [Russian-Fuglish-Gorman-French-Latin botanical dictionary] Botanicheskii slovar' russko-angliisko-nemetsko-fiantenzsko-lafinski, Pod red. F.Kh. Bakhteeva. Ltd. 2., stereotlpnoe. Moskva, Glav. red. Inostr. nauchno-tekhn. slovarei Fizpatigiza, 1962. 335 p. (TxU)
- DEVELOPMENT AND REGULATION OF HISTOHEMATIC BARRIERS] Razvitie i regulialatia gisto-gematiche-skikh barterov. Moskva, Nauka, 1987. 190 p.
- DISPERSION SUM RULES IN THE THEORY OF STRONG INTERACTIONS] Dispersionnyo-pravila summ v teorii sil'nykh vzaimodeisivii. [By] V.A. Matveev i dr. Dub-na, 1967 57 p.
- DOROFEEV, G.A., and G.N. INIKHOV. [Standard sources of ionizing radiations] Obraztsovye istochniki ionizirulushchiki izluchonii. [Moskva] Atomizdat, 1987.
- DUBININ, N.P., and IA.L.GLEMBOTSKII. [Genetics of populations and selection] Genetika populatisti i selektsia. Moskva, Nauka, 1967. 591 p.
- DUBININ, N. P., and V. S. GUBAREV. [Thread of life; essays in genefics] Nil' zhizni; ocherki e genetike. Moskva, Atomizdat, 1966. 166 p. (Nauchno-popu-liarnaia bibliotoka alomizdata)

- [DYNAMICS OF NEURON NETWORKS, reports] Dinamika neironnykn setel, sbornik doklado. Vilmias, 1960
- [THE EARTH AND THE UNIVERSE] Zemlia : Vselennam Moskva, Znanie, 1966 285 p
- [E FFECTIVE MOMENTS OF INERTIA OF HEAVY NU-CLEI AT THE SADDLE POINT] Effektivaye momenty incresit tuzhciykh lader v scdlovoi tochke [By] S A Karamian i dr Dubra, 1997 30 p
- EthSTEIN, ALBERT [Collection of scientific works in four volumes] Sobranie muchnykh trudov v chetyrekh tomakh Pod red 1 E Tamms, IA A Smorodinskogo, B G Kuznetsova Moskva, Nauka Vol 3 [Papers on the kinetic theory, radiation theory, and the fundamentals of quantum mechanics, 1901-1955] Raboty po kineticheskoi teorii, teoriti Izlucheniia i osnovan kvantovol mekhaniki, 1901-1955 1966 631 p (Klassiki nauki)
- [EXPLORATIONS OF THE FAR EASTERN SEAS OF THE U.S. S.R.] Issledovanila dal'nevostochnyl'n morei SSSR. Leningrad, Izd-vo Akad, nauk SSSR, 1941-1962, 8 v. (OrCs)
- FEDOROV, O. M. [From the inanimale to the living] Vid nezhyvoho do zhyvoho Kyiv, Naukoza dumka, 1965, 79 p. (Naukovo-popularna literatura)
- FERDMAN, D.L. [Biochemistry] Biokhimiia. Izd. 3., perer.i dop. Moskva, Vysshaia shkola, 1986. 642 p.
- FIALKO, E. I. (Radiolocation of meteors, some results of ADAU, 2.11 (Maniotocation or infector), confer leading observations, theoretical and methodological problems Radiolokatsila meteorov, nekotorye rezul'taty nabitudenii, voprosy teorii i metodiki. Moskva, Sov. radio, 1967–107 p
- FIKHTE NGOL'TS, G. M [Fundamentals of mathematical analysis] Osnovy matematicheskogo analiza.

  Moskva, Nauka.

  Vol.1 124.5. 1984. 440 p.
- [FOREST ENTOMOFAUNA OF THE KURILE ISLANDS, KAMCHATKA PENINSULA AND MAGADAN PROV-INCE] Entomofauna lesov Kuril'skikh ostrovov, poluostrova Kamchatki, Magadanskoi oblasti Moskva, Nauka, 1966. 137 p.
- FRAISHTAT, C. M. [Preparation of chemical reagents] Proizy odstvo khimicheskikh reaktivov. Moskva, Vysshaia shkola, 1966–117 p
- FREIMAN, G.A [Elements of the structural theory of adding sets] Nackala strukturnoi teorii slozhenia nnozhest: Pod red A.M.Liustiga I. P. Usol'iseva. Kazan', Kazanskii gos pedagog in-t, 1986 137 p
- GABINOVICH, A.E. [Origin of genetics] Zarozhdenie genetiki Moskva, Nauka, 1967—194 p
- GAVRILOV, V.A. [Visibility in the atmosphere] Vidi-most' v atmosfere Leningrad, Gidrometeotzdat, 1986, 323 p
- GEL'FOND, A.O. [Calculus of finite differences] Ischis-lenie konechnykh raznostei. Izd 3 .ispr. Moskva, Nauka, 1987. 375 p.
- GORYSHIN, N. I. [Technological basis of ecological re-search in entomology, measurement and regulation of physical factors of environment] Technicheskoe os-nashchenie ekologicheskikh issledovanit ventomologii, iz merenie i regulirovanie fizicheskikh faktorov sredy. If entograd Indian Lening, mir 1968 234 p. [Leningrad] Izd-vo Leningr, univ., 1966 234 p
- GCSUDARSTVENNYI INSTITUT VITAMINOLOGII. [Vitamins, Physiology and blochemistry of vitamins and their study in clinical practice; transactions of the 2d Scientific Conference] Vitaminy. Fiziologiia i biokhimik vitaminov i ikh izuchenie v klinike, trudy II nauchnoi konferentsii. Moskva, 1982. 323 p.
  [MICROFILM]
- GRIGOR'EV, I.S., and V. M. NOVIKOV. [Neutron dif-fusion in heterogeneous media] Diffuziia neitronov v geterogennykh sredakh. Moskva, Atomizdat, 1966.
- [GUIDE OF INSTRUCTIONS, METHODOLOGICAL DIRECTIONS, AND RULES GOVERNING THE TESTING OF MEASURES AND MEASURING INSTRUMENTS (position as on January 1, 1985] Ukazaiel instruktii, metodi-cheskikh ukazanili i pravil po poverke mer i izmeriteli-nykh priborov (po sociolanilu na 1/1965 g.) Izd., olitelalince. Moskva, lzd-vo Standartov, 1965. 19 p.

- GUMILEVSKH, L.I. Vernadskii, 2. izd. Moskva, Molo-daia gyardila, 1967. 255 p. (Zhizn' aamechatel'nykh liudei. Seriia biografii, no. 2(325))
- GUMILEVSKII, L.I. Zinin. Moskva, Molodaia gvardila, 1965. 269 p. (Zhizn' zamechatel'nykh liudei. Seriia biografii, no. 9(104)) (FTaSU)
- [HIGH-ENERGY PHYSICS AND THE THEORY OF ELE-MENTARY PARTICLES | Fizika vysokikh energii i teorila elementarnykh chastits Klev, Naukova dumka, 1997. 815 p [In Russian and English]
- [HIGHLY LOCALIZED BRIGHT TRACKS IN A HELIUM-FILLED STREAMER CHAMBER] Poluchente klorosino lokalizovannykh sledov vysokol iarkosti v strimernol kamere a gellem [By] M M Kullukin i dr Dubna,
- HRODZINS'KYI, A.M. (Vitamins in the air, Plant memo-ries, Fungi break asphalt. Witches' broom) Vitaniny v vozdukhe. Pamiat' rastenti, Griby rvut asfal't, Ved'mina metia. Kiev, Naukova dumka, 1966, 199 p. (Nauchno-populiarnaia literatura)
- [HYDROCLIMATIC RESEARCH IN THE FORESTS OF SIBERIA, interrelation of forest and environment and methods for their study] Gibroklimaticheskie issiedovanita v lesakh Sibiri, vzaimodnoshenic lesa i sredy i metody ikh izuchenita, Moskva, Nauka, 1967. 150 p.
- IAROSLAVISEV, A.A. [Collection of problems and exercises in analytical chemistry] Shornik zadach i uprazhnenit po analiticheskol khimit Izd. 2, ispr. 1 dop. Moskva, Vysshain shkola, 1966 293 p
- IL'INSKII, O.B. [Problems of physiology of sensory sys-tems, mechanoreceptors] Voprosy fiziologil sensor-nykh sistem; mekhanoretseptory. Leningiad, Nauka,
- IOFE, IU. M., and A. T. ROGOV. [Problems in higher mathematics for technical schools] Zadachulk po vysshei matematike dlia tekhnikumov. Moskva, Vysshata shkola, 1986–226 p.
- KABACHNIK, M. I. [Organophospho; us substancos] Fosforo ganicheskie veshchostva. Moskva, Znante, 1967 31 p. (Novoe v zhizni, nauke, tekhnike. XI Serlia: Klumija, 3)
- KAPLAN, I. A. [Practical studies on higher mathematics]
  Prakticleskie zaniatija po vysshei matematike.
  Khar'kov, Izd-vo Khar'kovskogo gos. untv.
  Pt. 4. [Double, triple, and curvilinear integrals, numerical, trigonometile, and power sories]
  Dvolnye, trolnye i krivolinelnye integraly, chislovye, stepennye i trigonometricheskie 11ady.
  1966. 235 p.
- KARTSEV, V. P. [Ultrahigh intensity magnetic fields]
  Sverkhsil'nye magnitnye polia. Moskva, Znanic, 1967.
  60 p. (Novoc v zhizni, nauke, tekhnike. IX Seriia: Fizika, astronomiia, 2)
- KATASEV, L. A. [Use of the photographic method in studying meteors in the atmosphere] Issledovanic metocrov v atmosfere Zemli fotograficheskim metodom. Leningrad, Gidrometeoizdat, 1886, 333 p.
- KEELEV, R.P., and M.B.EGOROV. [Using the system of network planning and management in construction, methodological instructions) Primenente sistemy setevogo planirovanila i upravienta v stroitel'stve; metodicheskie ukazanija. Moskva Ekonomika.

  No.2 1968. 28 p. chart (insert)
- KONEV,S.V. [Electron-excited states of biopolymers] Elektronnovozbuzhdennye sostolanila biopolymerov. Minsk, Nauka i tekhnika, 1965. 185 p.
- KONFERENTSHA PO PROBLEME "VZAIMOOTNOSHENHA VIRUSA I KLETKI, "Riga, 1965. [Virus and cell; materials] Virus i kletka; [materialy] Riga, Zinatne, 1966. 308 p.
- KORNILOV, II., and others. [Metallochemical properties of the elements of periodic system; monograph and reference book] Metallochimicheskie syotiva elementov periodicheskoi sistemy, monografila-spravochnik. Moskva, Nauka, 1968. 350 p. chart (insert)
- KOVALENKO, P. N., and K. N. BAGDASAROV. [Physico-chemical methods of analysis; practical textbook] Fiziko-khimicheskie metody analiza; prakticheskoe rukovostvo, 2. izd., ispr. i dop. [Rostov-na-Donu] Izd-vo Rostovskogo univ., 1966, 383 p.

- KRULL, MATI. [Electronic computers and programming] Elektronarvuitid ja programmeerimine. Tallinn, Valgus, 1966. 61 p. (Kosmosesajandii) [In Estonian]
- KULIUKINA, L.A., and G A.CSOSKOV. Juse of histo-grams in statistical modeling. Ob ispot/vovanil gisto-gramm pri statisticheskom modelh ovanil. Dubra, 1967—21 p
- LADYZHENSKAIA, O.A., V.A. SOLONNIKOV, and N. N. URAL'TSEVA. [Linear and quant-linear parabol-ic equations] Lineinye I kwazilineinye unavnenila parabolicheskogo tipa, Moskva, Nauka, 1667, 736 p.
- LAPINA, ILGA, [Raccoon deg] Jenetauna, Riga, Zhaine, 1966, 60 p. [In Latvian]
- LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADFMIJA. Miktobiologiskais instituts. [Amino acids; their importance and production possibilities Aminoskabes, to nozine un iegaves lespojas. [Bv] M. Dekers un citt. Riga, Zinaine, 1906. 46 p. [In Latvian]
- LAUZNE, EMILIJA. [Phages, the companions of bacteria] Fagl bakter iju pavadoni. Riga, Zinatne, 1946, 46 p. [In Latvian]
- LEBEDENKO, A.G. [Learned navigator| Uchenyl-more-khod, Moskyd, Vocalydat, 1966. 69 p. (Gorof-sowre-menniki)
- LEVIN, V. E. [Nuclear physics and nuclear reactors] IAdernaia fizika i ladernye reaktory. Moskva, Atomizdat, 1986, 286 p.
- LOGUNOV, A.A., and M.A. MESTVIRESHVILL. [Small-angle scattering and a lower bound for the decreasing amplitude at large angles.] Rasselante as malyo ugly i nizhniala granitsa ubyvanita ampiliudy v oblasti bol'-shikh uglov. Dubna, 1967. 10 p.
- LUTFULIN, I. Z. [New methods of forceasting the mete-orological fields] Novye metody predvychislonita mete-orologicheskikh poloi. Leningrad, Gidromeleoizdat, 1966, 195 p.
- L'VOYSKII GOSUCARSTVENNYI MEDITSINSKII INSTITUT, [Current problems of functional anatomy of the vascular system, abstracts of reports of the scientific conference held March 25-29, 1960] Aktual'nye problemy funktsional'not natomit sosudi-stoi sistemy; kratkoe soderzhunte doktadov nauchnot konferentsii 25-26 marta 1966 g. L'vov, 1966, 107 g.
- MAKAROV, L.L. [Course in applied radiochemistry] Kurs prikhadnoi radiokhimii. [Leningrad] Izd-vo Leningr. univ., 1966. 202 p.
- MALIKOV, S.F., and N.I. TIURIN. [Introduction to metrology] Vecdonlov motrologitu Izd. 2., 1spr. 1 dop. Pod rod. K.P. Shirokova. Moskva, 1zd-vo Standartov, 1996. 247 p. (Biblioteka metrologa)
- [MANUAL ON THE CLIMATE OF THE U.S.S.R.] Spravochnik po klimatu SSSR. Leningrad, Gidrometeoizetat.
  - No. 26. [Tambov, Bryansk, Lipetsk, Orel, Kursk, Voronezh, and I Igored Provinces | Tambov-skala, Brianskala, Lipetskala, Orlovskala, Kurskala, Voronezhskala i Bolgol odskala oblasti.
  - oblasti.
    Pt.2. [Atmospheric and soil temperatures] Temperatura vozdukia i pochvy Red. vypuska N.M. Tšvetkova. 1965. 239 p
    No.20. [Evanovo, Kostroma, Kirov, Gorkly Provinces, Mari, Udmuri, Chavasi, Mordvin A.S.S.H.] Ivanovskala, Kostromskala, Kirovskala, Oor'kovskala oblasti, Maritiskala, Udmuriskala, Chuvashskala, Mordovskala ASSR.
    Pt. 2. [Atmospheric and self-temperature] [Tam.
    - Pt. 2. [Atmospheric and soil temperature] Tem-peratura vozdukla in pochvy. Red. vypuska S. M. Agafonova. 1994. 207 p.
- [MEASUREMENT OF  $\pi^*$ -p-SCATTERING NEAR 180° IN A 4  $\stackrel{\leftarrow}{+}$  7 Goy/c BEAM OF  $\pi^*$ -MESONS | Emercente  $\pi^*$ -p rassolantia vibilizi 180° v puchke  $\pi^*$ -mezonov s impul's and 4  $\stackrel{\leftarrow}{-}$  7 Goy/c. [By] B.A. Kulakov i dr. Dubra, 1967. 10 p.
- [MECHANSM OF TERNARY FISSION OF NUCLEI IN HEAVY ION REACTIONS] O mekhanizme delenih iader na tri oskolka v reaktsiinkh e tiazhelymi ionami. [By] 10.A. Muzychka i dr. Dubna, 1987. 13 p.
- MIASOEDOVA, T.G. [Luboratory work in technical malysis; a manual for teachers] Prakticheskie zaniatiia po tekhnicheskontu analizu; posobie dila uchitolei. Moskya, Prosveshchenic, 1965. 104 p.

- MIGDAL, A.B., and V.P.KRAINOV, [Approximate methods in quantum mechanics] Priblizhennye metody kvantovot mekhaniki. Moskva, Nauka, 1966. 152 p.
- MNKOVSKII, V. L. [Behind the pages of a mathematics textbook, a handbook for students of the sixth grade? Za stranitsami uchebnika matematiki, posobie dita uchashchikhsia VI klassa. Moskva, Prosveshchenie, 1966. 117 p.
- MORDASOVA, G. M., and R. L. SENKEVICH. [Problems in higher mathematics, theory of functions of complex variables and the operational calculus! Shornik zadach po kursu vysshei matematiki, teoriia funktsii kompleksnogo peremennogo i operatsionnoe ischizlenie. Moskva, 1966. 130 p.
- [MORPHOLOGIC AND ECOLOGIC ANALYSIS OF THE DEVELOPMENT OF FISHES] Morfo-ekologicheskii analiz razvitiia ryb. Moskva, Nauka, 1967. 212 p.
- MURAVIN, K.S. [Independent tasks and test papers in algebra for the eight-year school; textbook for teachers] Samostolatel nye I kontrol nye raboty po algebre dita vos'nsiletuic stakoly; posoble dila uchitelia Moskva, Prosveshchenie, 1965 201 p
- NAKHIMSON, L. M. [Programmed instruction in the field of "Elements of integral calculus"; a textbook for technical schools] Programmirovannoe obuchenie po razdelu "Elementy integral"nogo ischisientia", posoble dila tekhnikumov. Moskva. Pl. [Indefinite integrals] Neopredelennyl integral. 1965. 40 p.
- NASILOV, D.N. [Radio meteorology] Radiometeorologlia, Izd. 2., porer. Pod red. A.Kh. Khrgiana. Megkva, Nauka, 1966. 336 p.
- NAUCHNO-TEKHNICHESKAIA KONFERENTSHA PO TTOGAM NAUCHNO-ISSLEDOVATEL'SKIKH RABOT ZA 1964-1965 G. G. Sektsia matematicheskain, [Reports of the Mathematics Section of the Scientific and Technological Conference on the Results of Scientific Studies in 1964-1964] Doklady, Red, M.I. Vishik, A.F. Leont'ov, E.D. Solomentsev, Moskya, Mosk, cnerg, in-t, 1965, 244 p.
- NIKOLOV, A.V. [Discrete series of unitary representations of the Lie algebra of the O(p, q) group] Disk etnals serila unitarnykh predstavlenii algebry Li gruppy O(p, q). Dubna, 1967 | 15 p.
- NORKIN, S. B., ed. [Elements of computing mathematics] Elementy vychialitel not matematiki. Izd. 3. [By] S. B. Norkin i dr. Moskva, Vysshaia shkola, 1996. 205 o.
- OIGLANE, HARRI. [A talk on the theory of relativity] Vestlus relativsusteooriast. Tallinn. Valgus, 1965. 326 p. (Teaduse teedelt) [in Estonian]
- OLEINIK, S. F., and P. N. BALABAEVA. [Biomechanics of the heart] Biomekhanika serdisa. L'vov, Izd-vo L'vovskogo univ., 1968. 165 p.
- PARLIN'SKI, K. [Dynamics of the ammonium chloride lattice] Dinamika reshetki khloristogo ammoniia, Duhna, 1967. 17 p.
- PARLIN'SKI, K. [Dynamics of torsional vibrations of molecular groups in the crystal lattice] Dinamika torsionayki kelebanti molekullarnyki grupp v ki istallicheskot reshetke. Dubna, 1967. 26 p.
- PAVLOVA, E.N. [Gas-discharge photon counters] Gazorazriadnya schetchiki fotonov. [Leningrad] Ed-vo Leningr.univ., 1966, 109 p.
- PEREL'MAN, IA. I. [Live mathematics; mathematical stories and puzzles] Zhivaia matematika; matematicheskie rasskazy I golovolomki. Izd. 3., peror. 1 dop. Pod red. 1s dopolnenitami V.G. Boltianskogo, Moskva, Nauka, 1087, 159 p.
- PETERSEN, IVAR. [Planning of experiments] Kaisete planeerimine. Tallinn, Valgus, 1966. 89 p. [In Estonian]
- PETROV, O.V. "Zoogeography with the principles of zoology, a methodological manual for students of evening and correspondence courses of the geography department of state universitities.] Zoogeografia s osnovami zoologii; metodicheskoe posobie dlia izucheniia kursa studenta mi vechernogo i zaochnogo otdoloniia geograficheskogo fakul iteta gosudarstvenykh universitetov [Leningrad] Izd-vo Leningr.univ., 1966. 68 p.

- PLAKSIN, I.N., and L.P.STARCHIK. [Nuclear physics methods for analyzing materials; nuclear reactions and activation analysis] Inderno-fizitheskie metody kontrolla veshchestvennogo sostava, indernyo teaktsii I aktivatsionnyi analiz, Moskva, Nauka, 1966. 201 p.
- PORAI-KOSHITS, M. A., and E. A. GILINSKAIA. [Crystal chemistry, advances in the crystal chemistry of complex compounds] Kristallokhmita, uspekhi kristallokhmita kompleksnykh soedinenti. Moskva, Akad, nauk SSSR, 1966. 211 p. (Itogi nauki. Serila: Khimita.
- PROKHOROV, A.I. [Engineer learns from nature] Inzhener uchitsia u prinody. Moskva, Znanie, 1967, 124 p. (Narodnyi universitet: Estestvennonauchnyi fakul'iet, 1/2)
- PUSTOVALOV, G.E., and E.V.TALALAEVA. [Simple physical measurements and their adjustment]
  Prostetshie fizicheskie izmerentia i ikh obrabotka.
  [Moskva] Izd-vo Mosk. univ , 1967. 154 p.
- RUBINSHTEIN, E.S., and L.G. POLOZOVA. [Recent changes of climate] Soviemennee izmenenic klimata. Leningi at, Gidrometeoizdat, 1986. 269 p. maps (insent)
- SAMVELIAN, K.V. [Insect "patents"] "Patenty" nasekomykh. Moskva, Ob-vo "Zrante" RSFSR, 1985 20 p. (Lektoru o bionike)
- SAULIAK-SAVYTS'KA, M. M. [Human anatomy] Anatomita hudyny Kyiv, Rad shkola, 1966, 322 p.
- SCHIFF, LEONARD ISAAC, [Quantum mechanics, Translated from the English] Kvantovaia mekhanika, Moskva, Izd-vo inostr. lit-19, 1957, 475 p. (PU-E1)
- [SEARCH FOR A NUCLEON ISOBAR AT T=5/2 IN np-INTERACTIONS] Poiski nuklonnoi izokary s T=5/2 v np vzalmodoistviánk. [By] V F. Vishnovskii i dr. Dubna, 1967. 5 p.
- SEDOV, E.A. [A report from no-man's land; talks on information Reportants addedned zemli; rasskazy ob informatsii. Izd. 2. [Moskva] Molodala gwardiis, 1966. 303 p. (Evrika)
- SIMPOZIUM, POSVIASHCHENNYI IZUCHENHU KISLO-RODNOGO REZHIMA ORGANIZMA I EGO REGULIRO-VANIIA. Kanev, 1985. [Oxygen balance of the organism and its regulation; materials] Kislorodnyi rezhim organizma i ego regulirovanie; materialy. Klev, Naukova dumka, 1986. 400 p.
- SMIRNOV, V.M. [Snowman from the Khibiny Mountains] Snezhnyi chelovek iz Khibin. Leningrad, Gidrometeor, izd-vo, 1968. 147 p
- SRANKA, R. [Probability and information] Varbutiba un informacija, Riga, Zinatne, 1986. 45 p. [In Latvian]
- [STUDY OF (e+e-) PAIR PRODUCTION BY ELECTRONS WITH E=2.4 GEV] Issledovanie obrazovania (e+e-)-par elektronami s energiei E=2,4 Gev. [By] IA. Bem i dr. Dubna, 1967. 25 p.
- SUDAKOV, K.V. [Secrets of instinct, biological motivation of innate behavior] Tatny instinkta; biologicheskie motivy vrozhdennogo povedentin. Moskva, Znante, 1867. 46 p. (Novo v zhizni, nauke, tekhnike. VIII Serita: Biologita, no.2)
- TABAKA, LAIMA, and KORNELIJA BIRKMANE. [Botanical excursion to a peat bog] Botanfska ekskursija uz sunu purvu. Riga, Zinatne, 1966. 48 p. (Skolena biblioteka) [In Latvian]
- TAKHTADZIIIAN, A.L. [Systematics and philogeny of flowering plants] Sistema i filogenita tsvetkovykh rastenii. Moskva, Nauka, 1966. 610 p.
- TEMNIKOVA, T.I. [Modern theory of the structure of organic compounds] Sovremennala teorila stroenlia organicheskikh soedinenti. [Leningrad] Izd-vo Leningr, univ., 1966. 23 p. (Khimlia v vuzakh, no.3)
- THEMA, BORIS. [Use of a theorem on kinetic energy in the dynamics of a system] Kincetillae energiia teoreem susteemi danaamikas. Tallinn, Tallinna Polutchniline instituut, 1965. 36 p. [In Estontan]
- TOKIN, B.P. [General embryology] Obshchaia embriologiia. [Leningrad] Izd-vo Leningr. univ., 1988. 454 p.

- TSLAF, L.IA [Calculus of variations and integral equations, reference book] Variatsionnoe ischislenie i integral'nye uravnenila; spravochnoe rukovodstvo. Moskva, Nauka, 1986—178 p.
- USPENSKII, V. A. [Pascal's triangle] Treugol'nik Paskalia, Moskva, Nauka, 1966, 31 p. (Populiarnye lekisii po matematiko, no. 43)
- VINOGRADOV, B.V. [Act fall methods of studying vegetation in artid zones] Aerometody izuchentia rastitel'nosti aridnykh zon. Moskva, Nauka, 1866—360 p
- VOLKOV, M.K. [Four-dimensional unitary relativistic model in quantum field theory without divergences] Chetyrekhmer nata unitar atla reliativistekala model' kvantovoi teorii polia bez raskhodimostei Dubna, 1967 17 p
- VSESOIUZNAIA KONFERENTSIIA PO KARBIDU KREMNIA, Kiev, 1964. [Slifcon carbide; structure, properties and uso. Reports] Karbid kremnia; stroenio, svoistva i oblasti primeneniia. [Doklady] Kiev, Naukova dumka, 1966. 359 D.
- VSESOIUZNOE SOVESHCHANIE PO MORSKOI METEORO-LOGII, Loningrad, 1964. [Transactions of the All-Union Conference on Marine Meteorology] Trudy. Pod red. N. V Kucherova. Leningrad, Gidrometeolzdat, 1966. 119 p.
- ZAIDEL', A. N. [Elementary estimates of measurement errors] Elementarnye otsonki eshibok izmerenii. Izd. 2., ispr. i dop. Leningrad, Nauka, 1067. 67 p.
- ZAITSEV, I. L. [Course of higher mathematics for technical schools] Kurs vyeshel matematiki dila tekhni-kumov, Pod red. G.S. Baranonkova, Izd. 4., sterectipnoe, Moskva, Gos, izd-vo fiziko-matem. lit-ry, 1961. 372 ps. (VIU)
- ZAITSEV, V. V., V. V. RYZHKOV, and M. I. SKANAVI. [Elomentary mathematics, refresher course] Elomentarmia matematika; povtoriteřnyi kurs. Moskva, Nauka, 1067. 032 p.
- ZASLAVSKII, A.N., and V.TYBOR. [Meson baryon scattering and the SU(0) group] Mezon-barionace rassciante i SU(0). Dubna, 1967—17 p.
- ZASTAVENKO, L.G. [Algorithm making it possible to find the eigenfunctions and eigenvalues of the energy operator for some variants of quantum field theory] Algoritm, pozvoliaiushchit milit sobstvennye funktsil i sobstvennye znachenila operatora energii dlin neket torykh variantov teorii polia. Dubra, 1967. 9 p.
- ZASTAVENKO, L.G. [Quantum theory of a scalar neutral field with  $gg^4$  self-action in the case of one spatial degree of freedom] K kvantovol teorii skaliarnogo neitral nego polia s samodelstviem  $g^{\frac{3}{2}}$  v sluchte odnoi prostranstvennoi stepenti svobody. Dubna, 1867. 9 p
- ZEVAKINA, R.A., E.V. LAVROVA, and L.N. LIAKHOVA. [Principles of short-range prediction of ionosphoric geomagactic storms and radio-propagation forecasting service; a manual] Osnovy progetrovanila ionosfeino-magnitnykh vozmashchenii i sluzhba kratkosrocinykh radioprognozov; rukovodstvo, Otv. red. L.N. Liakhova. Moskva, Nauka, 1967, 72 p.

## 14. MEDICINE

- BANSHCHIKOV, V.M., V.S.GUS'KOV, and I.F.MIAG-KOV. [Medical psychology] Meditsinskala psikhologija. Moskva, Meditsinsa, 1967. 238 p. (DNLM)
- BELTSIKOV, J. [Urological diseases, their prevention and treatment] Urologilised haigused, nendo valtimine ja ravi. Tallinn, Valgus, 1966, 51 p. (Teadus ja torvis) [In Estonian] (DNLM)
- [BURN DISEASE; pathogenosis, clinical aspects and treatment] Ozhogovala bolezn; patogenez, klinika i lechenic. Kiev, Zdorovita, 1966, 244 p. (DNLM)
- [CARDIOVASCULAR PATHOLOGY] Serdechno-sosudislain patologia. Kiev, Zdorov'la, 1986, 485 p. (DNLM)
- CHUKHRIENKO, D. P. [Bronchoscopy in the diagnosia and treatment of pulmdnary diseases] Bronkhoskoplia v diagnostike i lochenti zabolevanti legkikh. Kiev, Zdorovia, 1986. 121 p. (DNLM)

- [DISEASES OF THE CARDIOV SCULAR AND NERVOUS SYSTEMS AND METABOLIC DISEASES, papers by doctors and consultants of the appeate and prophylactic institutions of the Administrative Office of the Academy of Sciences of the U.S.S.R. [2] Zabolevanita seridechiusosudistor, nervnot sistem 1 bolezm obmena vestuchtsty, raboty vischel 1 konsultantov lechebno-profitablicheskikh uchrezndenn upravlenna detami AN SSSR. Moskva, Nauka, 1966–298 p. (DNLM) (DNLM)
- EL'BERT, B.IA, ed [Microbiology of the imajor infectious diseases in man] Mikrobiologific vizinershikh infektsiomwkh bolezner cheloreka Minsk, Belarus', 1965, 42 l p (DNLM)
- GOL'DENBERG, M.JU [Ozoterite and its therapeutic properties] Ozoterit rego techninge svoistva Krev, Zdorov'ik, 1965 17 p (DNLM)
- GROM, G. I. (Diabetes mellitus in children). Sakharnyi dialet u deter. Moskva, Meditsina, 1965-54 p. (Nauchno-popullarnala meditsinskara literatura). (DNLM)
- IANIN, L. V., ed. [Collection of the most important materials on problems of industrial hygiene and souttation] Shornik vazhneishikh offisial nykh materialov po voprosam gigleny truda 1 promyshlemnof sanitar ii. Moskva, Mcditsina.

  No. 4. Klimova, T. Kh., D. N. Loranskii, and Z. V. IAnkovskala, Comp. 1966. 311 p.
- JACKIEWICZ, ELZBIETA. [What every girl desires to know. Translated from Polish] O chem khochet znat-pazhdala devushla. Moskva, Meditshna, 1966. 30 p. (Nauchno-populiarnala meditshishala literatura) (DNLM)
- KANTOROVICH, N.V. [Sketches on mental health and mental disorders] Ocherki o zdorovol i pol'moi psi-khike. Izd. 2., dop.i perer. Tashkent, Meditsina, 1966. 163 p.
- KASK, MIHKFL, and ANDREI SARAP. [Achievements in public health in the Estonian S.S.R.] Tervisholu saxvutusi Eesti NSV-s. Tallinn, Festi Raamat, 1866 65 p [In l'stonian] (DNLM)
- KHOROSHAVIN, N. G. [Therapeutic waters of Ust' Kachka] Lechebnye vody Ust'-Kachki 1zd 2., dop. [Perm'] Fermskoe knizhnee izd-vo, 1966 138 p.
- KRECHKOVSKII, E.A. [Manual on poisonous chemicals, concise characteristics of poisonous chemicals, prophylaxis of the poisoning by them, and medical tidl Spravechnik po indohinith.tam, krathala kharakteristika fado.himihatov, rekomendatsti po profilaktike otravlemi imil mery meditsinski pomoshchi. Kiev, Zdoovia, 1960. Ilō p. (V pamoshchi rajotnikam selishogo zdravockhranenia) (DMLM)
- IAZDRA, MAIGA. [Most widespread helminthiases in men] Izplatifakas cilveka helmintozes. Riga, Zinatne, 1988, 92 p. [In Latvian] (DNLM)
- LEVIN, V. M. [Materials for the control and evaluation of the physical state of adolescents] Materialy difa kentrolla i otsenki fizicheskogo sostolanija podrostkov, [Leningrad] Meditsina, 1966. 136 p. (DNLM)
- [MATERIALS ON THE PHYSICAL DEVELOPMENT OF CHILDREN AND ADOLESCENTS OF THE CFFIES AND RURAL AREAS OF THE U.S. S.R.] Materialy po fizicheskomu razvitifu detol i podrostkov gorodov i seliskih mestnostci SSSR, Pod red, A.IA. Gol'dfel'd, A.M. Merkova, A.G. TSeitlina, [Lening: ad] Meditsina, No. 2, 1805, 665 p.
- MEL'NIKOV, N.I., and Z.N.MEL'NIKOVA. [Antibiotics in the treatment of suppurative infections] Antibiotiki v terapii gnolnykh infektsil. Moskva, Meditsina, 1966.
- NAUCHNO-PRAKTICHESKAIA KONFERENTSIIA PO PROBLEME ENDEMICHESKOGO ZOBA I MIKROBLE-PROBLEME ENDEMICHESKOGO ZOBA I MIKROBLE-MENTOV, let, 1984. [Materials of the First Scientific and Practical Conference on the Problem of Endemic Coliter and Trace Elements] Materialy. Kazan', Ka-zanskii med, in-t, 1984. 238 p.

- [OR FHOPFDICS, pathology of the joints] Ortopedia, pitologita sustavov Kiev, Zdarovita, 1986–282 p. (DNLM)
- RASULEV, I N. [Pathomorphology of the endocrine glands in tuberculosis] Patomorfologita endokrimnykh zhelez pi t tuberkuleze Pod red R I Dinilovoi Tashie ent, Meditsini, 1966 105 μ (DNLM)
- RATSEP, VAINO. [Chronic stomach diseases] Knoonlistest machaigustest. Tallinn, Valgus, 1966. 48 p. [In Estonian] (DNLM)
- ROIGAS, PLMAR. [Vener eal diseases and their preven-tion] Sugularigused ja nende valtimine. Tallian, Valgus, 1966–63 p. (Teadus ja tervis) [In Estonian] (DNLM)
- ROMASENKO, V A. [Hyptertwic schizophrenia, clinical and morphological studies] Gipertoksicheskaia shizo-frenia, klinivo-morfologicheskie issledovaniia Mo-skya, Meditsina, 1967—238 p (DNLM)
- RYBASOV, V.A. [Self-holp and mutual aid in foci of mass lesions.] Samopomoshch' i vz.almopomoshch' v ucha-gułn massovogo porazhonija. Moskva, Meditsina, 1964. 44 p. (DNLM)
- SKULME, K., ed. [Handbook of the apeutic nutrition] Arstalecista uztura rokasgi amata. 2., pai labotais un papildmatais izdevums. Riga, Zvaigzne, 1966. 269 p. [In Latvian] 269 p. [In (DNLM)
- SLOBOPIANIK, A. P. [Psychotherapy, suggestion, hypnosis] Psikhoterapita, vnushente, gipnor. Izd 2., 19p. 1 dop. Kiev, Zdorov'in, 1986–402 p. 2. ispi. i (DNLM)
- SOSARS, V. [Diseases of the foot] Pedas slimibas. 2., parstradats izdevums. Riga, Liesma, 1965. 65 p. (Vesellbas biblioteka) [In Latvian]
- STEPASEKINA, K.I., and B. N. MOSHKOV. [Therapeutic diet at home] Lechébace pitante v domashatka ugłovitakh. 2. ispr. 12d Kiev, Zdotovita, 1987—223 p (DNLM)
- SIMPOZIUM "OBRAZ ZHIZNI I STARENIE CHELOVEKA," Klev. 1964. [Way of living and aging in man, materials] Obraz zhizmi i starente cheloveka, materialy. Kiev, Zdorovita, 1966. 275 p.
- SUI, VIRVE. [What we must know about medicines] Mida peab teadma ravimitest. Tallinn, Valgus, 1966, 41 p. (Teadus ja tervis) [in Estenian] (DNLM)
- [TRAUMATOLOGY] Travmatologita, Kiev, Zdorovita, 1966, 223 p. (DNLM)
- VSESOIUZNYI S"EZD NEVROPATOLOGOV I PSIKHIA-TROV, 4th, Moscow, 1963. [Transactions of the 4th-All-Union Congress of New opathologists and Psychia-trists] Trudy. Moskva, Vses. nauch, med. ob-vo nevropatologov i psikhiatrov. Vol. 6. [Infectious diseases of the brain] Infek-tsionnye zabolevaniia golovnogo mozga. Pod red, V.V. Mikheeva i D.D., Fedotova. 1965. 374 p. (DNIM)
  - (DNLM)
- [WORK AND A HEALTHY WAY OF LIFE] O trude i zdoro-vom byte, [Moskva] Profizdat, 1965, 199 p.
- ZHUKOVSKI, M.A. [Growing organism and hormones] Rastushchii organizm i gormony. Moskva, Znanio, 1967. 31 p. (Narodnyi universitet Fakul'tet zdorov'ia, no.4)

# 15. AGRICULTURE

- [AGRICULTURAL ENCYCLOPEDIA] Laukeaimniecibas enciklopedija, Riga, Liesma, [in Latvian] Vol. 2. Ecesana—Latvijas Lauksaimniecības akademija, 1906. 828 p.
- AKADEMIIA NAUK SSSR. Institut geografii. [Micromorphological method of studying the genesis of soils] Mikromorfologicheskii metod vissledovanti genezisa pochv. Moskva, Nedra, 1966. 170 p.

- ARADEMHA NAUK SSSR, Sibirskoe otdelende justitul lesa i drevesiny [Forests of the U.S.S.R. la fixt võlumes] Lesa SSSR v piati tomakh, Moskva, Naut-Vol, 3. [Forests of the south of the I aropaan page of the U.S.S.R. and Transcaucaska] Lengthy, t Evroperskoi chasti SSSR i Zakavkaz'ia 1966. (DNAL)
- AKADEMHA NAUK URSR. [Parasites and parasitent, 1 man and animals] Parazity I parazitezy chelosel 11 zhivotnykh. Kiev, Naukova dumka, 1965. III p. (Respublikanskti mezhvedomstvennyl shuralk. Set il Continuo animala parazi Problemy parazitologii) (DNAL)
- BELARUSSKAIA AKADEMIIA SEL'SKAI: HASPADARKI, [White Russian Academy of Agriculture, distortated v 2171 the order of the Labor Red Banner, an outline of the history for 125 years] Belorusskaia ordena "trudove" "Krasnogo Znameni sel'skokhoz laisivomata akademali v ocherki istorii, 125 let. Minsk, Urozhai, 1965. 216 Problem Cabler. illus.. tables. (CU)
- BOGDANOV, A. G. [Helminthlases in sheep and incarned for their control] Gel'mintozy ovets i mery but and a simil. Ulan-Ude, Burlatskoe knizhnee izd vo. 1965 (DNAL)
- BREZHNEY, D. D., ed. [Using heterosis in vegetable breeding] Ispot zovanie geteroziaa v ovoskeh vedake. [Krasnodaz] Krasnodazskoe knizhnoe izd-vo, 1964. (CD)
- CHERKASSKII, E.S. [Modern means and methods for controlling scale disease in sheep] Soviemennye are di-siva I metody borby a chesolikami oyete. Moskya, Kolos, 1966. 199 p. (Bibliotechka praktichestopo veterinarnogo vracha) (DNAL)
- CINOVSKIS, J., A., CIBULSKA, and M. SILOVA. (Pointo beetle of Colorado beetle) Knytupelu lapgi and la jeb Kolorado vabole. Riga, Zinaine, 1966. 46 p. [In Latvian] (DNAL)
- [CULTIVATION PRACTICES, BREEDING AND SLID PRODUCTION OF RICE IN JAPAN, report of the Soviet agricultural delegation | Agrotekholla, activity is semenovodstvo risa v Japonii, otchet sovetaled sel'skokhoziatstvomor delegatsii. Moskva, 1965, 384 (Sel'skokhoziatstvomora anauka i praktika za rada zhora, (DNAL)
- DEMIKHOVSKII, A.I., and A.M. KOZHARSKII, [How we prepare and place compost] Kak my gotovim i vnu 4-1 komposty. [Moskva] Mosk, rabochii, 1967. 51 p.
- PIBRIGEVICH, E.V., and V.V. RAEVSKAIA. [Phy-thological features of farm animals] Interfer self-shokhozid-stvennykh zhivotnykh. Moskva, Kolog, 1968, 201 p
- ELISEEV, A.I., and M.KH. KEBEDOV. (Renovated farms) Obnovlennye formy. Moskva, Zaante, 1967. 103 p. (Narodnyi universitet, Sel'skokhozlaiste miyl fakul'tet, 1)
- [FISHERY ON COLLECTIVE AND STATE FARMS] Zivkopiba kolhozos un padomju salmniecības, filga, Liesma, 1966. 198 p. [in Latvian]
- GOLODKOVSKII, V. L. [Systematics of corn, Yea mays L., origin, geographical distribution, classification, and description of varieties] Sistematika kukurary, Zea mays L.; proiskhozhdenie, geograficieskie rasprost anenie, sistematika i opisanie sertev. Tashkent, Fan, 1966, 188 p. '(DNAL)
- GORLENKO, M.V. [Bacterial diseases of plants, fundi-mentals of the theory of bacteriosis] Bakterialing of bolezni rastenii; oznovy ucheniia o bakteriorakh vasie-nii. 3, ispr.i dop. izd. [Moskva, Vysshaia shkola, 1966] 291 p. (DNAL)
- INDRIKSONS, E. [Practical exercises in vegetable gardening] Darzenkopibas praktiskie darbi. M. Ber-zanes redakcija, Riga, Zvalgzne, 1986, 407 p. [in (DNAL)
- JAAMA, K., and H. KEES. [Fattening of sheep] Lammaste nuumamine. Tallinn, Easti NSV Pollumajandust Ministeoriumi Teaduslik-Tehnilise Informatsicoal Burco, 1968. 49 p. [In Estonian]

- JÜRISSON, ENDEL. [Veterinary pharmacology] Veterinaar-farmakoloogia. Tallinn, Valgus, 1966. 366 p. [In Estonian] (DNAL)
- KOVALEV, P. A., and A. A. SHEVELEVA [Egg produc-tion and breeding of mulberry sikworms] Grenach r selektsia tutovogo shelkopriada. Tashkent, Uchitel', 1966, 190 ρ (DNAL)
- KOZUBENKO, V.O. [New achievements in the hybridiza-tion of coin] Nove u gibi ydyzatsii kukurudzy Vyd 2., zminene i dop. Kylv, Urozhal, 1965. 71 p. (DNAL)
- KRYTSKI, I. (Mineral fertilizers and peat boge) Mineral'-nyin uhineani i tarfianiki. Minek, Uradzhai, 1965. 38 p. (Kompleksmuin mokhanizatsyin na pali i fermy) (DNAL)
- KUKHAR', I I , and others [Fish farm] Rybovodnaia ferm! Moskva, Kolos, 1986 77 p
- KUZ'MCHEV, A.B. [Fisheries in northwestern Atlantic, a review] Rybolovstvo v Severo-Zapadnoi Atlantike, obzer Moskva, VNIRO, 1965. 41 p. [MICHOFILM]
- LATVIJAS LAUKSAIMNIECIBAS MEHANIZACIJAS UN ELEKTRIFIKACIJAS ZINATNISKAS PETNIĘCIBAS IN-STITUTS. (New machinery for hay storage) Jamu tehnologiju siena sagatavosana! Riga, Latvijas lauk-salimiecihas rinatniski tehniskas informacijas un propagandas centralais birojs, 1966—35 p. [In Latvian] (DNAL)
- [LFADFRSHIP, experiences of leading state and collective farms in promoting production in the Estonian S.S.R.] Juhtimise kackinjast; Eesti NSV cearindlike sowhooside ja kolhooside kogemust tootmistegevuse organiseerimisel. Tallinn, Valgus, 1966—117 p. [in Ustonian] (DNAL)
- 1 ENINGRAESKII NAUCHNO-ISSLED OVATEL'SKII INSTITUT LESNOGO KHOZIAISTVA. [Recommendations for prolonged and short-term tapping of pine stands using a new technology] Rekomendatsli poudlineunol. I rratkorno huol podsochke sosnovykh nasazhdenii s primeneniiem novoi tekhnologii. Leningrae, 1966. 17 p.

  (DI'AL)
- MAL'KOV, A.S., and A S POLONSKII. [Fisheries off the shotes of Western Europe] Rybolovstvo u benegov Zapadnot Evropy Kaliningtad, AtlantNiRO, 1965.

- MAMAEV, G.M. [Distribution and specialization of agri-culture in pledmont areas, based on the example of the Kuba-Khachmas zone of the Azerbatjan S.S.R.] Dage-Kuna-Knacmana zone u no nzeronam siski buje-teji rajeulada keut tesen utatyaya jerleshdirilmesi ve ikhiisaslashdyi yimasy; Azerbajchan SSR Guba-Khachmaz zonasy timsalynda. Baky, Azerneshr, 1965. 134 p. [in Azerbaijani]
- MECHANIZATION OF LIVESTOCK FARMS, manual for machine open ators on collective and state farms; Manual from the open ators on collective and state farms; Mckhanizatsiin zhivotnovodelieskiih ferm; posobie dija nickhanikov kolkhozov i sovkhozov. [By] E, M, Bulanov i d. [Volgograd] Volgogradskoe knizhnoe lrd-vo, 1963. 271 p. (DNAL)
- HAUCHNO-ISSLFCOVATEL'SKII INSTITUT MCKLA-NIZATSHI I CLEKTRIFIKATSH SEL'SKOGO KHOZIAI-SFVA SEVERO-ZAPADA, [Technology and system of machines for the overall mechanization and electrifica-tion of agriculture in the northwestern zone] Tekhnologila i sisienua mashin dila kompleksnoi mukha-nizatsil i elektrifikalsii sel'skogo khoziaisiva Severo-zapudnoi zony. Leningrad, Kolos, 1965. 270 p. (Its Nauchnyo trudy) (DNAL)
- VIKIFOROV, A.M. [Chemical substances for the control of pests, plant discusses and weeds] Khimicheskie sreistva bor'by s v. editoliami, bolezniami rastenit i sorniakami, kratkil ∍prayochnik. Moskva, Kolos, 1986. 143 p. (DNAL)
- IIZHARADZE, A. I. [Atlas of varieties of the subtropical persimmon] Atlas sortov subtropicheskoi khurmy.
  [TbiHsi, Sabchota sakartyelo, 1965] 90 p. [in Georgian and Russtan] (CU)

- OZOLS, A. [Overall determination of the nutritive value of feeds] Vispusiga lopbaribas baribas vertibas notcik-bana. Riga, Zinatne, 1996. Sr p. [In Latvisn] (DNAL)
- PAJUPUU, HERBERT. [Efficiency of the production and use of peat furtilizers in the Estonian S.S.R.]
  Turvasvactiste tootmise ja kasulamist majandushkust ofektilysusest Pesti NSV-s. Tallinn, Valgus, 1986 98 p [In Estonian] (DNAL)
- PANNIKOV, V. C. [Knowledge of soil and plant requirements as the basis of the efficient use of fertilizers, from practices in agriculture of the German Democratic Republic.] Zhank pochy i polrebnosti rastoni-osnovi ratement nogo primenentia udobrenti zopyla sel'skogo khoziaistva GDR, Moskva, 1966 65 p. (Sel'shokhoziaistvamaia nauka i praktika za rubezhom. 14) zhorn, 14) (DNAL)
- PILVISTU, KARL. [Experience in apple growing on the Sootaga Slate Farm] Ounakasvatuse kogemusi Sootaga sovhoosis. Tallinn, Valgus, 1986. 34 p. [in Estontan] (DNAL)
- POMMERS, P. [Cultivated pastures] Kultivetas ganibas. Riga, Liesma, 1966, 315 p. [In Latvian] (DNAL)
- POZILAR, Z. I. [Virus diseases of sugar beets in Czechoslovakin (diagnosis and controlling methods), report of the Soviet agricultural delegation] Virusnye bolezni sakharnoi svekly v ChSSR (diagnositka i metody bor by); othet sovietskoi sel'skokhozlaistvennoi delegatsii. Moskva, 1908. 20 p. (Sel'skokhozlaistvennaia nauka i praktika za rubezhom, no. 9(46)) naia nauka (DNAL)
- [PRACTICE IN INTRODUCING "DRUZHBA" GASOLINE-MOTOR DRIVEN SAWS IN LUMBERING WORK) Opyt vnedtenia na lenozagotovkakh benzomotolnykh pil "Druzhba," [Leningrad] M-vol lennol promyshlennosti RSFSR. TSenti al'noe bluro teklin, informatsii [1957] 33 p. (OrCs)
- RAEV, B.G., and A. V. VAHTANIANTS. [Mechanized pinching back of cotton] Mekhanizirovannafa chekanka khlopchatnika. Tashkent, "Uzbekistin," (DNAL)
- RUSSI, NEEME, and JAAN LEPAJÕE. [Practical exercises in plant breeding and seed production] Sordinectuse in seemmekasvatuse praktikum Talliun, Valgus, 1966, 253 p. [in Estonian]
- RUSSIA (U.S.S.R.) Glavnoe upi avlenie gidrometeorologi-cheskoi sluviby. Kamchatskoe upravlente. [Provide agi kulluse in Kamchatka with a hydrometeorological sorvice] Gidi ometeoshuzba sel'skomu kliozlatsku Kamchatki. Petropavlovsk-Kamchatskii, Knizhnala red. "Kamchatskoi pravdy," 1963, 72 p. (DNAL)
- SABANEEY, L. P. [Life and catching of freshwater fish, With a supplement of L. P. Sabaneev's "Fishing calendar" | Zhizn' i lovlia presnovodnykh ryb. S prilozhentem "Rybolovnogo kalendaria" L. P. Sabaneeva. 3 izd Kiev, Urozhai, 1965-667 p.
- [SAFETY MANUAL IN STORING, TRANSPORTING, AND USING POBONOUS CHEMICALS] Pamilatka po tekhnike bezopasnosti pri kin anenti, transporti ovke i primenenti ladokhimikatov. Moskva, Rossei'khozizdat, 1965. 58 p. (Pamilatka po tekhnike bezopasnosti v set'skom khozinistve) (DNAL)
- SLOEV, L.N. [Hydraulic structures for agriculture in central Yakulia] Gidrotokhnicheskie sooruzheniia dita sel'skogo khoziaistva TSentral'noi IAkulii, IAkulek, IAkutskoe knizhnoe izd-vo, 1963. 52 p.
- TH.GA, VOLDEMAR. [Communicable diseases of swine] Sigade nakkushaigused. Talliun, Eesti Raamat, 1965. 235 p. [In Estonian]
- UMAROV, A.A. [Advanced practices of Bulgarian vegetable growers] Peredovol opyt belgarskikh ovoshchevodov, Tashkent, "Uzbekistan," 1966, 57 p.
- VOL'FKOVICH, S.I. [Development of the production of mineral fertilizers] Progress protzvodstva mineral-nykh udobrenii, Moskvn, Znante, 1967. 46 p., (Novoe v zhizni, nauke, tekinike. V Serija. Sel'skoc kho-

- VOLKOV, V.1A., K K. LUTSFNKO, and K.S. RAKHMA-NOV. (Growing cabbage, tomato, and cucumber seedlings) vyrashchivanie rassady kapusty, pomidorov i ogurtaov Trashkent, "Uzbekistan," 1969, 57 p. (DNAL)
- VOROB'EV, G.I. [Economics and organization of grain production] Ekonomika i organizatella proizvodetva zuma. Moskva, Kolos, 1965. 249 p.
- VOROPANOV, P. V. [Lectures on forest evaluation] Lektsti po lesnot luksatsti. Briansk, Brianskii tekhnologicheskii ln-t. Pt 3. [Pvaluation of forests] Taksatsila massiva. Book 2. 1965, 473 p. (DNAL)
- VSESOIUZNYI NAUCHNO-ISSLEDOVATEL SKII INSTITUT ZHIVOTNOVODSTVA. (Using vitanins for raising the productivity of antinal husbandry) lapolyzovande vitani-nov dlia povysbenila produktivnosti zhivotnovodstva. Moskva, 19 (DNAL) 1966. 182 p.

# 16, TECHNOLOGY

- ABALAKOV, R.V., V.P.BANNIK, and B.I.REZNIKOV. [Installing and adjusting steam-turbino units and nuxli-lary equipment] Montach I naladak nu boaga egatov i vapomogatelinogo oborudovanila. Moskva, Enciglia,
- ABDURAZAKOV, A.A., and M.A.BEZBORODOV.
  [Mcdievat glass of Central Asia, chemical characteristics] Stednevekovye stekla Srednet Azli; opyt khimicheskoi kharakteristiki. Tashkent, Fan, 1966, 166 p.
- ABRAMOV, G.A., and A.I. KOSILOV [Maintenance system for tractors, motor vehicles and agricultural machinery] Sistema tekindeheskogo obshuzhivanila traktorov, avtomobilel sel'skokhoziajstvemykli mashin Voronezh, TSentral'no-Chernozemnos knizhnoe izd-vo. 1965—22 p (Peredovol opyt v sel'skom tehoziajstve) Izd-vo, 1965 khozia istve)
- AFANAS'EV, A.S. [Safety manual for an erector of over-head contact and cable systems for streetcars and trolloybuses] Paratatha po tekinika bezopasnosti manteru kontaktnoi i kabel'noi setel tramvafa i trol-loibusa. Moskva, Shodizdat, 1985. 31 p. (Tekhnika bezopasnosti v kommunal'nom khoziaistve)

[MICROTILM]

- AGUR, USTUS. [Men and automata] Inimesed ja automaadid. Tallini, Vatgus, 1966. 162 p. [In Estenian]
- AKHMETZHANOV, A.A. [Angular position transmitting systems with increased accuracy] Sistemy pereduching a povyshemial technosti. Moskva, Energia, 1966-271 p
- ALENT'IDV, O.O., and V.M.HROSHEVA. [Structural coramics] Konstrukisina keramika. Kyiv, Tekhnika, 1966. 71 p.
- ALIMOV, E.V., and A A.BRECHKO [Heat insulating sleeves for 119018 on steel custings] Tephot/oliatsion-nyc oblitsovki pribylei stal'nykh otlivok Leningrad, 1900. 19 p. (Leningradski) dom rauchno-tekhniche-bkol propagandy Profavodstvennyl opyt. Seria: Procassativae (ormodrazovanie) gressivace formoobrazovante)
- AL'PEROVICH, A.I. [Safety manual for erectors of con-struction tower crauss] Pandatka po tekknike bezo-pasnosti diin montazinka strolle'nykh bashennykh kranov. 17d. 3., perer, i dop. Moskva, Strolitekt, 1966. 45 p. (Tokhnika bezopasnosti v strolitel'stve)
- ANTILOF'EV, B.A., and G.D.MIKHAILOV. [Using synthetic materials in track construction; textbook for correspondence courses for laisting qualifications of engineering and technical workers! Primenente iskussivennykh materialov v putevom khozialstve; uchobnoo posobie dia raochnykh kursov povyshenia kvalifikatsii TTR. Novosibi sk, Zapadno-Sibirskoe kulzhnoe izd-vo, 1965. 67 p

- ANISIMOV, N.G., and A.N.SMIRNOV. [Experience in the construction of remote central lines and installa-tion of automatic control systems] Opyt stroitel istra-tintly telemekhankki i montazla syedsty aytomatiki. Ufa, Bashkirskoe knizhnoe izd-yo, 1965. 140 p.
- ANKHIMIUK, V. L., and O. P. IL'IN. [Designing of automated electric drive systems with amplifyne amplifiers] Raschet sistem avtomatizirovannogo elektroprivoda s elektromashinnymi usiliteliami. Minsk, Vyshelshala shkola, 1966. 232 p.

- ANVELT, JAAN. [Organization of maintenance and repair of automobiles at the Tallinn taxicab center] Tallinna Taksiautopargi tookogemusi autode tehnilise hooldamise ja remondi organiseerimisel. Tallinn, Valgus, 1966. ja remondi organise 32 p. [In Estonian]
- AVDONIN, I.I., and G.B.KLER, [Pickup attachments for sweeper cleaning machinery] Podhornye ustroista podmetal no-uberchnykh mashin, Moskwa, Nilinformatsii stroiderkommunnsah, 1965. 20 p. (Sei ifa 3; Mashiny i oborudovanie dlia kommunal*nogo bersialstva). khoziaistva)
- BABUK, V. B., I.M. STORCHAK, and P.O. CHERNENKO.

  [Pneumatic tools of a repairman-mechanizer] Pneumoinstrument remontalia- mechanizatora, Kylv, Urozhat, 1966, 132 p. (Ukrsil'hosptekhnika)
- BALAKIN, V.I., A.F. EREMEEV, and B.N. SUMENOV. [Fuol equipment of high-speed diesel engines] Topliv-naia apparatura bystrokhodnykh dizelci. Leningrad, Mashinostroenie, 1987. 298 p.
- BALASHOV, G.M., and N.G.IVLEV. [Protecting the labor of rural builders] Okhiana truda sel'skikh stroitelei. Moskva, Stroitzdat, 1966. 163 p.
- BALODIS, A. [Preserving vegetables and fruit for win-ter] Darzenu un auglu sagatavosana ziemal. Riga, Liesma, 1966. 170 p. [In Latvian]
- BARBANEL', S.R. [Magnetic phonogram of a molton-picture film] Magnitnata fonogramma kinofil'ima, Moskva, Iskusstvo, 1966. 191 p. (Biblioteka kino-nokhanika)
- BARON, L.I., and A.V.KLIUCHNIKOV. [Smooth blasting in mining operations] Konturnoe vzryvanie pri prokhodke vyrahotok. Leningrad, Nauka, 1967. 202 p.
- BARSUKOV, IU.K. [Pulse circuits using semiconductor devices; manual for correspondence students] Impulysuse skhemy na poluprovodnikovykh priborakh; uchebnoe posobie dlia studentov-zaochnikov, Leningrad, Leningr.elektrotekhn.in-t, 1960. 91 p.
- BATURIN, T. F. [Modern designs of plow units of urban anow removers] Sovremempe konstruktsti pluzhnykh rabochtkh organov gorodskikh snegoochistitelei. Mo-skva, Nilinformatsi stroidorkommunnash, 1965. 38 p. (Sertia 3; Mashiny i oborudovanie dita kom-sunalipoochibarishish) munal nogo khozialstva)
- BELIAKOV, IU.I., and V.M.VLADIMIROV. [Operating members of wheel-type excavators] Rabochte organy reternykh ekskavatorov. Moskva, Mashinostroenie, 1967. 178 p.
- BERENFELDS, VALDIS, [Materials used in the machinery industry] Masinbuvo lietojamic materiali, Riga, Liesma, 1966, 90 p. (Jauna stradnicka biblioteka) [In Latvian]
- BERNSHTEIN, M.KH. [Thermoplastic material for shoe counters and toe boxes] Termoplasticheskii material dia zadnikov i podnoskov ohuvi; uchobnoe posobie.

  Moskva, Legkula industriia, 1965. 34 p.

  [MICROFILM]
- BOGDANOVICH, F.A. [Fundamentals of fire prevention in the peat industry] Osnovy prothopozbarnoi tekhniki v torflanoi promyshlennosti. Minsk, Vysshaia shkola, 1963. 108 p.

- BOLOBAN, N.A. [Safety manual for the operator of a tower crane] Pamiatka po tekbnike bezopasnosti dita mashinista bashemnogo krana. Izd. 3. Moskva, Stroi-izdat, 1986. 33 p. (Tekhnika bezopasnosti v stroitel-
- BORISOV, S.A. [Toward new heights] K novym vysotam. [Vladimir] Vladimirskoe knizhnoe izd-vo, 1963. 53 p.
- BOTVINKIN, O. K., G. I. KLIUKOVSKII, and L. A. MANUI-LOV. [Laboratory manual on the general technology of silicates and the technical analysis of building materials] Laboratornyi praktikum pe obshchel tekhnologii silikatov i tekhnicheskomu analizu stroitel'nykh materialov. Moskya, Stroitzdat, 1000.
- BOZHENOV, P.1., and V.I., KAVALEROVA. [Nepheline sludges] Nefelinovye shlamy. Leningrad, Stroftzdat, 1966. 242 p.
- BRONER, L.D. [Using electronic computers in design and construction planning] Princennie elektronnyka vychislitel'nykh mashin v arkhitekturno-stroitel'nom proektirovanii. Moskva, Stroitzdat, 1986, 170 p.

- BUKANKOV, E.I., and B.IA, KRASNOV. [Heels and heel taps made of polymors] Kabluki i nabolki iz poli-merov Moskva, Vses. zaochnyi in-t tekstii'noi i leg-koi promyshl, 1985 50 p [MICROFILM]
- BUKHANOV, M.S. [Aleksei Anokhin and his comrades] Aleksei Anokhin i ego tovarishchi. Ufa, Bashkirskoe knizhaoe izd-vo, 1962, 67 p.
- BUKRINSKII, V. A. [Problems of the geometrization of physicotechnological and mining geology indices of deposits for modeling on digital computers; for students specializing in the "Physics of locks"] Voprosy geometrizats gernog geologicheskih pokazatelmicaskim i gernogeologicheskih pokazatelei mestorozhenita dila modelin ovanila na TsVM; dila studentov spe-tsial' nosti'' Fizika gornykh porod." Moskva, Mosk, in-t radioelektronild i gornoi mekhaniki, 1966, 127 p,
- BYKOV, E.I [Silicon power rectifiers] Silovye krem-nicvye vypriamiteli Moskva, Energiia, 1988 96 p (Biblioteka elektromontera, no.210)
- CHEBOTAREV, A. I., and K. P. KLIBASHEV. [Hydrological calculations, collection of evercises] Gldrologicheskie raschety; sbornik uprazhnenii. Leningrad, Gidrometcoizdat, 1986. 295 p.
- CHEKANOV, V.D. [Collection of problems and exercises in general and mining electrical engineering] Shornik zadach i uprazhenii po obshchoi i gornoi elektrotekhnike, Moskva, Nodra, 1986. 223 p.
- CHERNIAVSKII, E.V. [Manufacturing of bricks] Protz-vodstvo Kirpicha. Moskva, Siroitzdat, 1966. 173 p. (V pomoshch' sel'skomu stroitel'stvu)
- [COLLECTION OF FIRE-PREVENTION SPECIFICATIONS FOR DESIGNING INDUSTRIAL ENTERPRISES AND POPULATED PLACES Soornik profivopozharnykh norm strottel'nogo proektirovnnila promyshlomykh predpriatili i naselemykh mest. Moskva, Strolizdat, Pt.3. 1965, 392 p.
- [CONSTITUTIONAL DIAGRAMS OF METAL SYSTEMS. ORGITATIONAL DIAGRAMS OF METALSYSTEMS, PUBLISHED IN 1961] Diagrammy sosiolantia metalli-cheskikh sistem, opublikovannye v 1964 godu, [By] S.P. Alfsovn, P.B. Budberg, Moskva, Proizvodstven-no-Izdatel'skii kombinat VINITI, No.10. Pod 1ed. N.V. Ageeva, 1966, 239 p.
- [D70 DIESEL LOCOMOTIVES] Teplovoznyi dizel D70, Moskva, Transport, 1966. 63 p.
- DEMIN, E.A., and L.A.CHINENKOV. [Magnetic switching elements in radioelectronics] Magnituye kommutationnye elementy radioelektroniki. Moskva, Mashinostroenie, 1966. 421 p.
- D'IACHKOV, V.S. [110-220 kv. air-blast switches with air-filled separators] Vozdushnye vykliuchateli ilo-220 kv s vozdukhonapolnennym oldelitelem. Moskva, Energila, 1967. ližp. (Biblioteka elektromontera,
- [DIGITAL COMPUTERS AND PROGRAMMING] TSHrovala vychislitel naia tekinika i programmirovanie; sbornik statei. Pod red. A.I. Kitova. Moskva, Sovetskoe radio, 1966 (CaOTU)
- DOKUKIN, A.V., and IU.D.KRASNIKOV. [Experimental study of loads on mining machine actuators, methods] Eksperimental'nee issiedovanie nagruzok na ispoinitel'nom organe gernyth mashin; metodika, Moskva, In-t gornogo dela im. A.A.Skochinskogo, 1966. 9 p.
- DOKUKIN, A.V., IU.D. KRASNIKOV, and Z.IA.KHURGIN. [Analytical principles of mining machinery dynamics] Analiticheside osnovy dinamiki vyemochnykh mashin. Moskva, Nauka, 1966. 159 p.
- DUKHOVNER, A N. [Signals of radio systems and their spectral analysis, a manual on the theoretical fundamentals of radio engineering Signaly radiosistem i kh spektral'nyi analiz; uchebnoe posoble po teorotiche-skim osnovam radiotekiniki. Leningrad, Sovero-Za-padayi zaochnyi politekh.in-i, 1965. 62 p.
- DUSHANBE, GOSUDARSTVENNAIA RESPUBLIKANSKAIA BIBLIOTEKA, Spravochno-bibliog affeheski eldel, ["Pet opadnata" and "Golovnaia" inydroelectric Fower Stations, an index to the literature) Perepadnaia i Golovnaia gidroelektrostantsii; ukazatel' literatury, Dushanbe, 1rion, 1965. 21 p. (CSt-II)

- DYMOVICH, N.D., A Z.FIRSOV, and N P.KRASUK [Radio waves in the ionosphero and ultrashort waves, textbook] Radiovolny v ionosfere I ultrashotchkie volm, uchebnoe posobie. Obshchaiz 1ed N.P. Krasiuka Lenlugrad, Severo-Zapadnył zaochnył politekh, in-1, 1966 62 p
- DYN'KIN, A I. [Equipment and conveying machinery for assembly-line production of glued footwear, textbook]
  Oborudovanie i transportnye ustrolstva na potole productiva kleevoi obuvi, uchebnoe posobie Moskva, Listata industrilia, 1986. 43 p

# [MICROFILM]

- EGNUS, M. IA., and SH. L. MACHABELI, eds. [Erecity single-story industrial buildings of standardired dimensional designs, a practical manual] Vozvedesie odnoctazhnykh promyshlennykh zdanii unfiftstrovanykh gabaritnykh skhem, prakticheskoe posoble Myskva, Stroitzdat, 1966—105 p.
- EMEL'IANOV, A.I., and O.V.KAPNIK. [Designing of systems for regulation and automatic control of ther-mal processes, a handbook] Prockthowarde ustanov, kontrolia i avtomatiki teplovykh protsessov; spravor-noc posobie, Moskva, Energiia, 1866, 364 p.
- EREMEEV, A.N. [Methods of deep geochemical prospecting for bunied deposits by secondary halos of dispersion] Metodika glubinnykh geokhimicheskikh polskov pogrebennykh mestorozhdenił po vtorichnym orglam rassoianija Moskva, Gos.geol.kom-t SSSR, lam rassejanija 1965. 26 p.

- FEDOSEEV, N.P. [On-the-job safety for construction around ionizing radiation] Bezopasnost' label as size litel'stve v uslovliakh ionizirulushchikh izluchenii. Mo skva, Strolizdat, 1986. 50 p
- FISCHER, HANS JOACHIM. [Transistor technology for radio amateurs. Translated from German] Tranzi-stornala tekimika dila radiotiubitelel. Moskia, Energlia, 1966 183 p (Massovala radiobiblioteka, no 617)
- FOKOV, R. I. [Planning the erection of plant buildings] Procktirovante vozvedenila korposov-zavodov Khar'kov, 1rd-vo Khar'kovskogo gos. univ., 1985
- [FOR THE CONCRETE WORKER, a list of recommended literature] Belonshchiku, 10komendatel'nyi ukazatel' literatury. Moskva, Kniga, 1966. 35 p. (V ponoshh' rabochim stroitel'noi promyshlemosti, 20.3)
- [FORCED AIR VENTILATION OF POTATOES AND CABBAGE IN STORAGE] Aktivnoe ventilirovanie kartofelia I kapusty pri khranenii. K stoletilu Sel'storklovinistvennoi akademii imeni K. A. Timirlazeva Maekwa Kales. 1988–1939. Moskva, Kolos, 1986, 230 p.
- FOTEEV, N.K. [Sparks machine metals] Iskra obra-batyvaet metall. Moskva, Znante, 1907. 29 p. (höjö v zhizni, nauke, tekhnike. IV Seriia; Tekhnika, no.2)
- [FUNDAMENTALS OF AUTOMATING PRODUCTION OPERATIONS IN ROAD CONSTRUCTION] Osnovy automatizatsii proizvodstvennykh protsessov v dorozhnom stroitel'stve, [By] V.I.Kolyshev i dr. Moskva, Transport, 1966, 222 p.
- FURMANOV, B.M. [Chamberless evaluation of spark-proof conditions of electrical networks, a selentific report] Beskamernata otsenka iskrobezopasnosti chifricheskikh tsopet, nauchnyl doklad. Moskva, In-I goraşı dela im. A A.Skochinskogo, 1986. 33 p.
- GADZHIEVA, R.G., and IU, E. SINITSYNA. Protection against corrosion of a wet steel surface Zeashchita of korrozit mokroi stal'noi poverkhmosti. Baku, Azerneshr, 1965. 131 p.
- GALETSKII, F.P., and L.A.LIUBOVICH. [Special features of the operation and calculation of circuits with tunnel and storage diodes] Osobennosti rabotyl raschet skhem na tunnel nyth i nakopitel'nyth diodah. Moslem Abril 1981, 8829, 1408, 8819, [Floridae] Moskva, Akad.nauk SSSR, 1965. 31 p. (Elektronage vychislitel'nye mashiny)
- GARKAVENKO, N.I., and N.N. LIPATOV. [Methods for continuous crystallization of lactose in curdled milk with sugar] Sposob nepreryvnoi kristallizatsii laktoy v sgushchennom moloke s sakhatom. Moskva, TeNII Pishchoprom, 1985. 23 p. [MICROFILM]
- GAVZE, M.N. [Interaction between mercury and other metals and alloys] Vzaimodeistvie rtuti a metallami i splavami. Moskva, Nauka, 1906. 157 p.

- GNTSBURG, B. IA [Tractors and motor vehicles, manual for students of correspondence departments and sections, specializing in "Mechanization of agricultural production". Section Theory and design of tractors, automotive chassle and motor vehicles. Topics Forces acting on tractors and motor vehicles. Traktor avtomobili, uchebnoe posoble dlla studentov zaochnykh fakul tetov i otdeleni po spetsial "nosti "Mekhanizatsila sel'skokhozatsisivennogo proizvodstva "Ravdel Teorija i raschet traktorov, samokhodnykh shassi i avtomobilef. Izd 2. perer Moskva, Vecs.s. -kh in-t zaochnogo obrazovania, 1966—79 p.
  [MICROFILM]
- GINZBURG, B.A. [Using low-grade lumber wastes in making mass-produced consumer goods] Ispol'zovanie otkhodov nizkosovinykh pilomaterialov dila izgotovlenila izdelil shlokogo poli eblenila. [Moskva, TSentr, bluro tekin, informatsii, 1957] 18 p.

  (OrCS)
- GNZBURG, M.B. [Safety engineering in petroleum re-fineries] Tekhnika bezopasnosti na nefteporerabaty-valushehlikh zavodakh. Baku, Azerbaldzhanskoe gos. 12d-10, 1962—110 p.

- GLATSIANSKII, I.N. [Electronic measuring instruments, summary of lectures] Elektromyc izmeritelinye pribory; konspekt lektsii. Red. V.N. Malinovskii. Moskya, Mosk, energ, in-t. Pt.4, 1966, 201 p.
- GLAZOV, V.M., and V.S.ZEMSKOV. [Physicochemical principles of the alloying of semiconductors] Fiziko-khimicheskie osnovy legicovanija poluprovodnikov. Moskva, Nauka, 1967. 370 p.
- GNUSKIN, A. M. [Safety manual for workers attending boilers in apartment houses] Pamiatka po tekinike bezopasnosti dila rabochikh pri obshuzhtvanil kotel-nykh v zhilykh domath. Moskva, Stroitzdat, 1908. 32 p. (Tekhnika bezopasnosti v kommunal'nom
- GOBZEMIS, 1U.G. [Using new paints in construction; a survey] Primenente novykh krasok v strottel'stwe; obzor. Riga, Latvilskii respubl.in-t nauchno-tekhn. informatsii i propagandy, 1966. 45 p.
- GOKHBOM, E.N., and E.A.RAZVARIN. [Special-purpose containers and their use] Spetsial nye konteinery I ikh primenente. Leningrad, 1966, 36 p. (Leningradsid dom nauchno-teklnicheskei propagandy. Proizvodetvennyi opyt. Sortia. Mekhankatsila i avtomatizatsiin transportnykh i skladskikh rabot v promyshancachi.
- COLOYKO, V.G. [Semiconductor capacitors] Poluprovodnikovye emikosti. Novosibirsk, Nauka, 1967.
- GORBOVETS, M.N., and V.F.PAVLOV. [Soviet and foreign machinery for cleaning and lubricating forms in the production of precast reinforced concrete; a in the production of please removed concrete; a survey! Ottehestvennee I zarubozhnee oborudovanle dila ochistki I smazki form pri prokyvodstve sbornogo zhelezobetona, obzor. Moskva, Nilinformatsii stroi-derkommunnash, 1965, 64 p. (Seriin 2: Oborudovanle dila promyshlennosti stroitel'nykh materialov)
- CORBUNOV-POSADOV, M.I. [The present condition of the scientific fundamentals of foundation construction] Sovremennos sostolanie nauchnykh osnov fundamento-strocnila. Moskya, Nauka, 1987. 68 p.
- GOR'KOVSKII POLITEKHNICHESKII INSTITUT. Katedra soprotivieniia materialov. [Standard prodems for tesis and examinations on the courses of the strength of materials, theory of elasticity and mechanical engineering] Tipovye zadachi k zachetam i ekzamenam po kursam soprotivieniia materialov, teorii uprugosti i stroitei'noi mekhanike mäjöhin. Gor'kii, 1984. 18 p. [MICROFILM]
- GCSUDARSTVENNYI MAKEEVSKII NAUCHNO-ISSLE-DOVATEL'SKII INSTITUT PO BEZOPASNOSTI RABOT V GORNOI PROMYSHLENNOSTI, [Guide to the use of sprinkling during coal stoping operations] Ruko-vodstvo po primenonitu oroshenila pri vyemke uglia v ochistnykli zabolakh. Moskva, Nedra, 1966. 40 p.
- GOSUDARSTVENNYI PROEKTNYI INSTITUT "PROEKT-GEROMEKILANIZATSHA." [Equipment for hydraulic mechanization; a descriptive catalog] Oborodovanie dila gidromekhanizatshi; al'bom-spravolnik. Moskva, TSentr.biuro tekh.informatshi, Vol. 1. [Earth pumps and hydraulic suction dredges] Gruntovye nasosy i zemlesosy. 1965 161 p. [MICROFILM]

- GRIGOR'EV, L. G. [Simulation and the technical sciences] Modelirovanie i ickhnicheskie nauki. Moskva, Znanie, 1967. 62 p. (Novoe v zhizni, nauke, ickhnike IV Serila Tekhnika, no. 1)
- GRIN, B. [General designer A. D. Shvetsov.]. General'nyt konstruktor A.D. Shvetsov. [Perm*]. Per mskoe knizh-noe 12d-vo., 1964. 102 p. (Zamechatel'nye liudi
- GRISHN, G.I. [Advanced technology and specialized machinery and devices for transportation construction used in hydraulic port construction). Progressive ta technologita i spetsally irovannye mashiny i mekhantzmy itansportnogo stroitel'siva, primeniaemye v gidiotekimicheskom portovom stroitel'sive. Moskva, Mosk zaochnyi stroit in-t, 1265—36 p.
  [MICROFILM]
- GRISHIN, M.M., ed. [Mothods of calculating stability and strength of hydraulic structures, reinforced-concrete structures on nonrock bases] Mekody tascheta ustoichivost i procinosti gidi olekhnicheskikh soou uzhenii, zhelezobetonnye soouzheniia na neskal'nykh osnovaniiakh. Izd. 2. [By] V.P. Likhachey i dr. Moskva, Strolizdat, 1966. 438 p.
- GRUNDVAG, IA.S. [Vocational training of pattern designers and cutters in the shoc industry] Proizvodstvennoe obuchenic askroishchikov i vyrubshchikov v obuvnoi pi omyshlennosti, netodicheskoe posoble. Moskva, Vysshaia bhkola, 1865—169 p.
- GUDKOV, S.I. [Mechanical properties of steel at low temperature, a handbook] Mekhanicheskie svoistva stati pri nizkikh temperaturakh; spravochnik. Mo-skva, Metallurgiia, 1967. 266 p.
- GUREVICH, D.E. [Organization of subsurface (preparatory) operations using completely mechanized sectors; experience of the "Mosfundamental of" trusts ovper nence of the "Mosfquidamentsh of" trusts
  Nos 1 and 3 of the Glavmosstroil On gantzatshia rabot
  podzemnogo (nulevogo) telkla silami kompleksnomekhanizirovannykh uchastkov; opyt trestov "Mosfundamentstroi" NoNo.1 i 3 Glavmosstroin. Moskva,
  Stroilzdat, 1985 27 p.

- GURLEY, D.S. [Handbook on electronic devices] Spravoehnik po elektromym priboram. Izd. 4., peter. i dop. Kicv, Tekhnika, 1966. 730 p.
- [HANDBOOK FOR A TECHNOLOGIST, manual for technologists of the founding, forging and welding departments] Sprayochnik teknologa, posobie dila teknologov liteinykli, kuzacchnykh i svarochnykh isokhov [By] M. Baranovskii i di. Minsk, Belarus', 1866, 551 p.
- [HANDBOOK OF THE PILOT AND NAVIGATOR OF CIVIL AVIATION] Sprayochnik pilota i shturmana grazhdau-skoi aviatsit, Moskva, Transport, 1967, 367 p.
- INTERNATIONAL CALIBRATION CONFERENCE, Gliwice, 1963. [Grooving of rolling mill rolls, materials, Translated from Polish] Kalibravka prokatnykh valkov; materialy. Moskva, Metallurgila, 1965. 283 p.
- IVANETS, K.IA., and A.N. LEIBO. [Equipment of petro-leum refineries and its exploitation] Operadovante noftenererabatyvaiushehikh zavodov i ego ekspluatatsiia. Moskva, Khimiia, 1980. 341 p.
- IVANOV, K. I., and others.
  equipment in the working of mineral deposits]
  Tekhnika burenlia pri 1azz anotke mestorozhdenii
  poleznykh iskopaomykh, Moskva, Nedra, 1966. 377 p.
- IVANOV, N.V. [Sampling of mineral deposits; textbook for correspondence course groups for raising the qualification of engineers and technicians] Oprobovante mestorochdenti poleznykh iskopaemykh; uchebnee posoble dita zaccinysk grupp povysheniia kvalifikatsii inzhenerno-tekhnicheskikh rabetnikov. Leningrad, Leningradskit gornyi in-t, 1965. 117 p.
- IVIANSKII, G. B., and others. [Sealing the joints of precast reinforced concrete structural elements] Zadolka stykov sbornyki zhelezobetonnykh konstruktsii. Moskva, Stroiizdat, 1866. 304 p.
- IZMAILOV, L. B. [Study and calculation of cemented portion of casing column] Issledovanio i raschet zatsementirovannol chasti obsadnykh kolona. Moskva, Nedra, 1966. 186 p.
- JAKOOBI, EDUARD, [Television repair] Televisionite korrastamine. Tallinn, Valgus, 1965. 214 p. [In Estonian]

- JANSONS, V. [Flectrical measuring apparatus and measuring methods] Clektriskje meraparati un merisanas metodes, Riga, Liesma, 1967, 243 p. In Laivian
- JANSONS, V., and N. IVANOVS. [Maintenance and check of hydraulic systems] Hidraulisko sistemu tehniska apkalpe un parbaude. Riga, Liesma, 1908. 115 p. [In Latvitut]
- JOOSEP, ELMAR. [The mine electrician] Kaevanduse elektrik. Tallian, Valgus, 1966. 190 p. [In Estonian]
- KAPLINSKII, V V , and R.V.ARUTIUNOV. [Electronic digital computers] Elektronnye tsufrovye vychislitelinye mashiny Moskva [Statistika] 1966, 157 p
- KARAMIAN, 8 S. [The Sevan-Razdan cascade hydroelectric power stations, the experience of construction] Sevano-Razdanskii kaskad GES, opyl strottel'stva. Moskva, Energia, 1986—73 p
- KARLIK, V. A [Automatic control of steelmaking in ovygen-blown converters] Automatizatsiia proizvodstva stali v klalorodnykh konverterakh. [Moskva, Metallurgiia, 1967 282 p.
- KARPUKHIN, N.S. [Designing structural elements for multistory plant buildings, instructional manual for the course "Reinforced concrete and masoury struc-tures"] Procktirovanie elementov mnogoetazinogo pi oizvodstvennogo zdanita, uchebnoe posobie po kursu "Zhelezobe lonnye i kamennye konstruktsi," Moskva, Mosk, in-t inzhenei ov zhel-doi, transporta. Pt.1. [Reinforced concrete structural elements] Zhelezobetonnye konstrukteli. Pod red. S.S.
  - Davydova, 1965, 129 p.
- KATORZIINOV, N.D., and IU. A. VOITELEV. [Identifica-tion of chemical and nafus al fibers] Raspoznavanic khimicheskikh i prin odnykh volokon. 2. tzd., ¢erer. I dop. Moskva, Legkaia industriia, 1966. 261 p.
- KATSUNELENBOGEN, A. M., and O. D. GALANINA.
  [Machines and technology of the warp-knitting industry]
  Mashiny i Icklundoglia osnovoviazal'nego proizvodstva.
  Izd. 2., perer. I dop. Moskva, Legkain industrila,
  1066, 420 p
- KERNOGO, V. V., and A. SH, KOGAN. [Methods and program for calculations using the "Minsk-2" digital computer for the selection of the cross section of power transmission lines taking into account the dynamics of the load and the local conditions] Metodika i programma rascheta na EVM "Minsk-2" vybora sechenii provodov linii elektroper odachi s uchetom dinamiki nagruzki i mesinykh uslovii. Minsk, Vychislitel'nyi isenti, 1964, 20 p.

  [MICROFILM]
- KHARCIIENKO, R.R., ed. [Electrical measurement converters] Elektricheskie izmeritel nye prodrazo-vatelt. [By] V.IU. Konchalovskii i d. Moskva, Energiia, 1967. 407 p.
- KHAVKIN, K.A., and L.N.DASHEVSKII. [Designing longitudinal section of automobile roads, methods and automobiled prodelings of fill a automobility and core, metody automobility and core.
- KHODZHAKULIEV, IA.A. [Karakum and Amu Darya oil-and gas-bearing arcas: hydrogeology] Karakumskala i Amudar'inskata noftegazonosnye oblastir gidrogeolo-gila. Pod red A.A. Kartseva. Ashkhabad, Izd-vo Turkmenistan, 1966.
- KHUTORIANSKII, M.S., ed. [Handbook of building mate-rials and products] Spiavochnik po stroitel'nym mate-rialam i izdeliiam. Kiev, Budivel'nyk, 1968—800 p.
- KICHAEV, P.M., and G.A.DUBROVIN. [Wolded steel-pouting ladies; design and construction] Syarnye sta-lerazlivochnye kovshi; konstruktshia i raschet. Mo-skva, Mashinostroente, 1986. 85 p.
- KBLIAKOV, I.S. [Designing of electrical fillers]
  Raschet elektricheskikh fil¹trov Moskva, Energiia,
  1967 80 p (Biblioteka po radioelektroniko, no.**6**)
- KLUSHIN, M.I., ed. [Using lubrication and cooling fluids in metal cutting] Voprosy primenentia smazochno-okhlazhdaiushchkh zbidkostef pri rezanti metallov; sbornik statef. Ivanove, Ivanovekii tekstil'nyi in-t, 1965. 179 p.

- KOCON, M. G. K. N. SVIDLER and M. E. PARYLES (Depute control computers for vetomatic addressing of feet at J. Dipayly mush, inclusing vectors, mushim div. countries of the continue graphs. Mostva, Mashim scriptore, 1966—152 p.
- EOROLFV, I., F. (Machan's for eacting connect and reinforced exercise pressureless and low-pressure pressureless and low-pressure pressure pressure that it is not been able to the control property of the Mostva, Milinformatall stroider communicate, 1965, 53 p. (Serifix 2 Obordo ante dila promyshicmosti stroiter-meta more prior pressure).
- kOFC k.OV. A M., ind. V.D. MOCHALOV. [Pulse counters with Missis Schitchill inquison and distorate Missis Energia, 1986. 103 p. (Biblioteka po monatific 10, 211).
- KOŠLER, SI AVOMÍR, and MILAN KUBÁT, eds. [Semi-conductors in transformer technology. Translated from the Czech] Poluprovodník v precbrazov deľmol teknike. Pod red. A.A. Sakovicha. Moskva, Enciglia 1963. 355 p.
- kOSOLAPOV, V.G. [safety manual for pile drivers engaged in unstalling pile foundations] Pamilatia po tekhmile bezopasosti dha kuprovshchi ov, zamatyli hina ustroustve svahviki fundamentov – Izd. 2., dop. i perer. Moskiv, Strutzdat, 1968. 27 p. (Tekhul a bezopasnosti , strutci'stve)
- KOTYSH, M.A. [Daughter of the blue planet] Dochka holubol planety Kyis, Polityyday Ukrany, 1965. 133 p. (Herol zori mykh tras)
- KOZHUKH, V IA, N N TEMNOKHUD, and N P.ONI-SHCHENKO, [Automatic gas analyzers in blast furnices] Automaticheskic pazoanalizatory na domennjih pechakh Hoskva, Metallurgna, 1967—72 p
- KRATTS, K.O., and I.F. VOENUSIKIN, eds. [New ways for the utilization of raw minerals in Karelin] hosye putt uspol/rowanta mineral/nogo syr/a Karelin Petrozavedsk, Karel/skoe Enizhnoe izd-vo, 1965 ča p.

- KRISBERGS RIHARDS, and JANIS POLMANIS, [Magretohydrodynamics and technology] Magnetoindi odinamika un tehnika Riga, Liesma, 1986–72 p. [In Lattian]
- kRUPITSKII, B.A. [What a heat treatment technician should know] Chto dolzhen znat' termist, [Leningrad] Lenizdut, 1966. 190 p.
- krylov, N. V. [Organizing and planning production of gases by deep cooling in industrial enterprises, a text-book] Organizatsita i planinovante proizvodstva gazov n etodom glubokogo okhlazidennia na promyshlennykh picdpi natitakh, uchebnoe posobie Leningrad, Pt 1 1965 237 p
- KUDRIASHOV, V.P., IU.I MIKHAILOV, and A.K.SIDO-RENKO [Mining machinery] Gornye mashiny Mosiva, Ridra, 1986 286 p
- KUDEINA, A. P., and G. F. GUL'EV. [Refractories for ovygen-blown converters] Ogneupory dlia kielorodnykh konverterov. Moskva, Metallurgiia, 1966, 143 p.
- KUTIUSHEV, F.S. [Receiving furs according to quality]
  Priemka mekhovykh tovarov po Fachestvu. Moskva,
  Ekonomika, 1968. 117 p.
- KUTYRKIN, V. A., V. I. GORFLKIN, and V. S. TSVETKOV [Loading and unloading pump units of river oil poits and tankers, textbook for students in courses for raising the qualifications of the engineering and technical kolfers of the Ministry of the River Fleet] Grazose nassanje ustanovki recompth neitestanisli i tankero, uchebnoe posobie din slushaletel kursov povyskonia kvalifikalsti inzhenerno-tekhnicheskikh rabonikov MRF. [Gor'kli] Volgo-Viatskoe knizhnoe izd-vo, 1966, 58 p.
- KUZIAEV, B A [Itcat treatment of steel, programmed manual] Termicheskala obraboika stalei, programmi-rovannoe uchebnoe posobie [Krasmolarek] Krasmolarekot knizhroe izd-vo, 1965 77 p [MiCROFILM]
- KVARTENKO, A.S. [Straightening and cutting machines for machining reinforcement steel rods, a survey] Pravitino-otreanse stanki dila obvabotko sterzhnet armaturnoi stali, obzor. Moskva, Milinformatsil strondorkommunnash, 1965, 56 p. (Serila 2 Oboredovanie dila promyshlennosti stroitel'nykh materialov)

- LABORATORHA OSADOCHNYKH POLEZNYKH ISKOPA-EMYKH [Concentrations of mangranese and tron ores in the Dzhall'ma Trough] Margautsevyc i zbelezorudnyc kontsentratsh Dzhall'minskof mul'dy Moskva, brus t, 1968—142 p. Mus
- LATVIISKII RESPUBLIKANSKII INSTITUT NAUCHNOTEKHNICHESKOI INFORMATSII I PROPAGANDY. [Esperience in the antiseptic it eatment of wooden power line poles in the Latvian electric power system, a review] Opyt propitist der eviannykh opon linit elektroperedach v Latvilskol energosisteme, obzor. [By] V. Garbovskii I dr. Riga, 1906. 38 p.
- LAZDAN, A., and IA, SHMIT. [Drying varnish coatings of wood, a review] Sushka takok; a socknykh pokrytil na drevesine, obzor. Riga, Latvifskii respubl, in-t-nauchno-tekkin, informatsii i propagandy, 1966–29 p (Listok tekhnicheskoi informatsii)
- LEIDERMAN, S.R. [Operation of motortrucks, technical and economic fundamentals] Ekspliatatatin grazovykh avtomobilel, tekhuko-ckonomicheskie osnovy Moskva, Transport, 1966–150 p.
- LERIN, B. V. [Using thermal drafts for working frezen ground and for crushing boulders, from the experience of the Administration for Mechanization of Construction of the Glaymun manskstrol. Primenonle termobutor difference of the Glaymun manskstrol. Primenonle termobutor difference of the Glaymun manskstrol methanizats if stoller six Glaymun manskstrola. Moska, Ledvo Herty postrottel'stvu, 1966—11 p. (Novosti stroutel'not tekhniki)
- LETTES, Z M., and V A SYSOEVA. [Methods of establishing optimal flow sheets for underground banking using the theory of graphs.] Metodika ustanovienita optimal hyskitel haologicheskiki skhem podzemnogo transporta s. pomoshch'in teorili grafov. Moskva, Inst. gornogo dela im A. A. Skochinskogo, 1986. 80 p.
- LENINGRADSKII POLITEKHNICHESKII INSTITUT. [In the struggle for technological progress] V borbe zatekhnicheskii progress, sbornik statel. [Leningrad] Lenizdat, 1965. 378 p.
- LEONT'EV, I.I. [All-purpose machine for hending and pressing furniture parts] Universal'nyl stanok dlia gnut'ta i pressovanila mebel'nykh dotalei. [Moskva] TSent: blur o tekhn. informatsii [1957] 10 p. (O.C.S)
- LEPIK, AUGUST. [Photography for beginners] Γοτοβιααfia algajailo. Tallinn, Eesti Raamni, 1965. 341 γ. [In Estonian]
- LEVIN, V.A. [Terminology in the field of patents] Terminologia patentovedenia. Tallinn, TSentr binnotekha informatsi SNK ESSR No. 1. 1964–23 p
- LIPMAN, R. A. [Magnetic storage counters] Magnetinge nakopitel'nye schetchiki. Moskyn, Energila, 1987 142 p. (Biblioteka po aviomatike, no 220)
- LOPATTO, A.E. [Calculating the section and designing or dinary and prestressed reinforced concrete at returnal elements] Raschet sectional I konstrutiovanie elementov obychnykh i predvaritel'no manriazhemnykh zhelezobelomykh konstruktsii. Lad.2., perer.i dop. Kiev, Budivel'nyk, 1966, 379 p.
- LOSIKOV, B.V., ed. [Petroleum products, properties, quality, use. Manual] Nefteprodukty, svojstva, kachestvo, primenenie. Spravochnik. Moskva, Khimila, 1966. 776 p.
- LYSACHENKO, I.A. [Electric and radio-engineering materials] Elektro-radiomaterialy. Moskva, Sviaz', 1967. 195 p.
- [MACHINING MACHINERY MATERIALS WITH DIAMOND TOOLS] Obi abotka mashinostroitel'nykh materialov almaznym instrumentom, Moskva, Nauka, 1986, 250 n.
- MAKHNOVICH, A. T. [Safety manual for workers attending mortar preparation units at a construction yard] Pamiatra po tekhnike bezogasnosti dila rabochikh, obsluzivatushchikh rastvornye uzly na stroitol'noi ploshchacke. Izd. 2. Moskva, Stroitzdat, 1966. 26 p. (Tekhnika bezopasnosti v stroitel'sive)
- MASLOPOEV, G IA [Execution of assembly drawings in the machinery industry] Vypolnenie sborochnykh chertezhei v mashinostroenii. Moskva, Vysshaia shkola, 1965 50 p

{MICROFILM}

- MAZUROV, D.IA., M.I. ROGOVOI, and IU.M. COI GINA.
  [Heat engineering and heat-engineering equipment for
  enterprise in the building mater tata Industry.] Teplotekhulka I teplotekhuicheakee ohor udovanie proequeli ili ili
  promyshlemosti stroitel'nych materialov. Pod ted.
  D.IA. Mazurova. Moskva, Stroitzdat.
  pt.2. [Industrial heat enchneering] Promyshlemoti
  teplotekhuika, 1966. 149 p.
- MEL'NIKOV, G. P. [Palse-potential diagram method in the solection of logical circuits of digital (unquiter)] Metod impul'ano-potentalal'nykh diagramon pri vyborlogicheskikh akhem loftrovykh ustroisty. Mo kva, 1864 - Uri.
- MERGIN, E., I. BEIZITLR, and I. POSI. [Improving production processes in furniture finishing] Unovershematy over the production processor in orders, mobell. Riga, Latvinskii republi, in-tranchmostellan, informatell i propagandy, 1966. 13 p. (Uniok lekkint-cheskol informatell') berevoole abatyvain ach itel bumazhnata promyshlemost")
- MERKULOV, N.IA., A.I., SOROLOV, and S. G. H. TINSKH, [Operator of a stoping machine complex and coal mining machine unit] Machinist orbitstogo Lompleks i ugledobyvniushelogo agregata. Merkva, Nedi i, 1966, 278 p.
- [METHODOLOGY OF STULYING THE CONDITIONS OF GROUND WATERS IN AREAS IRRIGATED WITH SEWAGE WATERS [Metodika Lengthering registral gruntowykh vod na massicznik, oroshaetnykh atochtytal vodami, Moskva, 1986–80 p.
- MEXHEYOV, A.M. [Heat supply of industrial caterpaints, manual for students of heat and power engineering processing toplognatorients promyshlemyth product tit, uchobace possible dila studentov teptemeng (the skot spetial mosti. Lembgrad, Lembgrad, technologic cheskii inst tselliulozuo-bamazhnol promyshi, 1915.
- MIRHAILOV, V.A., and B. I. NORMIVSKH. [Automation of shiphoard electric-power plants] Actomatizated a sudovysh clesh it healths stantall. Leningrad, Sa So stronic, 1900, 318 p.
- MIKHEPV, V. P. [Gas fuel and the consumption] Gazasse toplive lege schigante. Leningrad, Nedra, 1966. 129 μ.
- MIRIT, E.A., and IA.V. STAPRAN. [Drying hunder at enterprises of Latyla, a review] Opyt usushil pilo materiatov na predprintifiako Latyliakof SSR, obror. Riga, Latyliskii rospath, het nonchno-tekan, laformatsii 1 propagandy, 1966. 22 p.
- MIRIT, E. A., and othern. (Improving the yealflation systems of roller dryers at plywood enterprised Usovershendroonder sistemy ventillatist rollkovyth suchibate floor than 18 p. (Derevoobrabatyvatushehala I bumazhuata promyabb a post).
- MIRSKII, G. IA. [Meanmement of the that after inthe of random processes] Apparaturnes opredefents kin-rakteristik sluchatnykh protsensov. Moskva, I nergiti. 1907. 430 p.
- [MODERN METHODS OF CHEMICAL AND SPLCTRUM ANALYSIS OF MATERIALS, collection of surveys and methods] Sovremenaye metody khimicheskogo i apoltralluogo analiza materialov; shornik obzorov i metodik, Moskva, Metallurglia, 1967. 311 p.
- MORHEL!, L. L., and N. N. SHMYROVA (Static and impulse paramote) is 6 small cores from 708M alloy steel i libban with a thickness of 2μ 1 Statichesket I impul saye parametry malogaba itaykh ser decimikov 12 magaitaoi lonty splava 708M tolsin binot 2 mk. Moskya, 1965. 23 p.
- MOLCHANOV, IU.M. [Physical and mechanical properties of polychylene, polypropylene and polytachutylene, a handbook] Flzicheskie i mekhanicheskie uvotstva politikena, pollpropilena i politzebatilena, spirarechnik. Riga, Zinatao, 1996. 436 p.
- MOLOKOV, M. V. [Machinery and equipment for cleaning sowerage systems; a survey] Mashiny t oboru dovanic dita prochiatki kanalizateiomyki setei; obzer Moskva, Milinformatsii stroidorkommunnash, 1965. 38 p. (Seriia 3: Mashiny t oborudovanic dita kommunal'nogo khoziaistva)
- MORDVIN, A.P., E.M.ERSHOV, and V.I.DAVYDENKO. [Mochanical processing of fiber girss produced by the winding method] Mekhanicheskula obraholka stektoplastikov, poluchremyki metodom ramotki. Leningrad, 1866. 38 p. (Leningradski) dom ramotki. Leningrad, incheskul propagandy. Nauchoo-tekhulcheskii opyi. Seriia Plastmassy i ikh primonente v promyshlemosti)

- (MOVIE PROJECTORS, MOVIE CAMERAS, a catalog and reference book.) Kinoproektory, kinoapparaty, katalog-sprayochuk. Kiev., Reklama, 1960. 34 p.
- MOZBERG, R.K. [Programmed manual for self-testing in the course "Metallography and heat treatment of metals"] Programmin ovannoe posobie dila samokontrolla po kursu "Metallovedenie i termicheskaia obrabotka," Tallim, Tallinskii politekhi m-t. 1966-147 p
- MOZGALEVSKII, A.V., and others. [Automatic flaw detection] Avtomaticheskii poist neispravnostel, Pod red. A.V.Mozgalevskogo, Leningrad, Mashinostroe-nie, 1967. 262 p.
- MOZHAROVSKII, V., and L. TSVILIKOVA. [Further developments in producing and introducing progressive blanks at enterprises of the Latvian S.S.R., based on exhibitional materials Dalineislac razvitle proizvodstva i vnedrenie progressivnykh zagotovok na predprilatinkh Latviiskoi SSR, po materialam tematicheskoi vystavki, Riga, Latviiskii respubl, in-t nauchno-tekhn. Informatsii i propagandy, 1986, 23 a.
- NADZHAROV, M.A., ed. [High-intensity combustion processes] Vysokoforsh ovannye ognevye protsessy, sbornik statel. Moskva, Energiia, 1967. 294 p.
- NAUCHNO-ESSLEDOVATEL'SKII INSTITUT ORGANIZATSII, MEKHANIZATSII I TEKHNICHESKOI PO-MOSHCHI STROITEL'STVU. [Concrete operations, collection of reports on efficiency proposals] Betony storak opisami ratsionalizatoi skich prediozhenii. Moskva, Stroitzdat, 1965—14 p. (Novosti shoitel'noi tekhniki SSR) [MICROFILM]
- NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ORGANIZATSII, MEKHANIZATSII I TEKHINICHESKOI PO-MOSHCHI STROITEL'STVU. [Manufacturing large-scale thin-walled 3 by 18m. panel shells for roofs of industrial buildings, experience of construction and assembly trust No.1 of the Glavklevstvoi of Ministry of Construction of the Ukrainian S. S. R. and of the Scientific Research Institute of Structural Elements of the State Committee on Construction of the Council of Ministry of the U. S. S. P. Legteryland kumpoon to Ministers of the U.S.S.R. Izgotovlenic krupnoraz-mei nykh torkostennykh panelet-obolochek razmei ami 3x86m dila pokrytika promyshlennykh zdanil, opyt stroitel no-montazhnogo tiesta No. I Glavidevski ola Minister siva sir offer siva USSR i NII stroitel nykh konstruktsii Gossiroia SSSR. [By] A. A. Tseltlin i di. Moskva, Stroitzdat, 1965. 23 p. (Novesti stroitel noi tekhniki SSSR)

- NAZAR'EV, O.V., and IU. A. PARFENOV. [Construction of the cable lines of rangl telephone and wire broadcasting systems] Stroiderstvo kabel'nykh limit sel'skoi telefonnot sylazi i radiofikatsh. Moskva, Sviaz', 1966. 92 p. (Biblioteka sel'skogo sviazisia)
- NEIMARK, B. E., ed. [Physical proporties of steels and alloys used in power engineering, a handbook] Fizi-choskle svoistva staloi i splavov, primeninemykh v can getike, spravochnik. Moskva, Energiis, 1967.
- NEVZOROV, L.A. [Selecting efficient parameters of the system of boom changes of tower cranes, a survey] Vybor ratsional nykh parametrov sistemy izmanenita vyleta bashomnykh kranov; obzor. Moskva, Milnfor-matsii stroklorkommuunash, 1965. 50 p. (Scriin i. Stroitel nyo i dorozhnye mashiny)
- NEVZOROVA, G.V., and S.A. SOLOMONOV. [Some problems of method in artistic designing] Nekotorye voprosy metodiki khudozhestvennego konshutrovanita, Leningrad, Znanie, 1966. 36 p. (Leningradskii dom naucžno-teklinicheskoi propagandy. Serita "Tekhnicheskaia estetika")
- NKIREEV, V.M., and V.L.SHADURSKII. [Practical methods of calculating shells] Prakticheskie metody rascheta obolochek. Moskva, Strolizdat, 1966. 269 p.
- NIKOL'SKII, IU.V. [Irrigation construction; drawing up and displicating planning and estimates records] Irri-galsionnee stroitel sivo, oformiente i razmnozhente proekino-smetnoi dokumentatsii, Moskva, Rossol-khozizdat, 1865. 130 p.
- NCGiN, S.I. [Using ultrasonic vibrations for quality control of reduforced-concrete structural elements; materials of the Scientific Research Institute of Structural Elements (Kiov)] Primonenie ul'trazvuka dila kontrolia kachestva zhelezohetonnykh konstruktisi, po materialam NISK (g. Kiev). Moskva, Stroitzdat, 1965–35 p. (Novosti stroitel noi tekhniki SSSN) [MICROFILM]

- [NOISES AND PARAMETRIC EFFECTS IN MICROWAVE DEVICES] Shumy i parameti icheskie lavleniin v elektronnykh priborakh sverkhvysorikh chaslot. [By] V.M. Lopukhin i dr. Moskva, Nauka, 1966. 371 p.
- OLESK, A.O. [Photoresistors] Fotorezistory. Moskva, Epergiia, 1966, 128 p. (Biblioteka po avtomatike, no. 215)
- [ONE-HUNDREDTH ANNIVERSARY OF THE "NOVAIA ZARIA" PERFUME FACTORY] Sto let parfumernol fabrike "Novala zaria." Moskva, Pishchevala promyshl., 1965
- ONISHCHENKO, M.IU., IU.I.KOSHYTS', and V.I. RAIKO. [Farm buildings] Sil's'ko-hospodars'ki vyrobnychi sporudy. Kylv. Budivel'nyk, 1965. 74 p. (Bibliotechka sil's'koho budivel'nyka)
- OPLOV, N.F., M.V.ANDROSOVA, and N.V.VVEDEN-SKII. [Silicon organic compounds in the teatile and light industries] Kremnitorganicheskie soedinenila v tekstil'noi i legkoi promyshlennosti. Ped red. M.G. Veronkova. Moskva, Legkaia industriia, 1968, 238 p.
- ORLOVSKII, B.IA. [Textbook for dealgning municipal garages, for students specializing in construction subjects] Uchebnoe posobie po proekthovanila gorodskikh garaghei; dlin studentov stroitel'nykh spetsinl'nostei. Pod red. B.P.Mikhailova, Moskya, Vses, zaochnyi inzhenerno-stroit, in-t, 1966, 68 p.
- PARFENOV, V.M. [Safety manual for a driftler (in openpit mining)] Pamiatka po tokhnike bezopasnosti dlin buril'shchika (na otkrytykh rabotakh). Izd. 2. Mo-skva, Strolizdat, 1966. 20 p. (Tekhnika bezopasnosti v stroitel'stve)
- PASECHNIK, N.D. [Elementary electrical engineering] Elementarnala elektrotekhnika 10 ispr izd Klev, Tekhnika, 1965 223 p.
- PATRUNOV, F. G. [Machine controls technological processes] Mashina upravilact tekhnologicheskim professom, Moskva, Znanie, 1967–31 p. (Novoc v zbizni, nauke, tekhniko, XIV Serika Radiotekhnika i sviazi, no. 2)
- PAUSHKIN, IA, M. [Petrochemical synthesis in industry] Neitekhimicheskii sintez v promyshlemosti, Moskva, Nauka, 1966. 390 p.
- PEICH, N. N., and 7. V. BORONENKO. [Handbook on the drying of wood] Spravochnik po sushke drevesiny, Idd. 2., ispr. i dop. Moskva, Lesnata promyshi., 1966 277 p.
- PERKIN, I.D., and K.V.PANOV [Production of drap-cry tulic on the multishuttle drapery machine] Protz-vodstvo gardinnogo tulia na gardinnal mnogochelacel-noi mashine Moskva, Legkala industriia, 1966
- PETROV, G. L., and A S.TUMAREV. [Theory of welding processes, with fundamentals of physical chemistry] Tooria svarochnykh protesses; a conovant fizicheskoi khimii. Moskva, Vysshata shkola, 1967.
- [PHYSICAL PROPERTIES OF EXTRA-PURE METALS
  AND SEMICONDUCTORS] Fizicheskie svoistva osobo
  chistykh metallov i polupi ovodnikov. Tashkeni, Fau, 1966, 145 p.
- PICHUGIN, A.I. [Mechanized assembly technology for manufacturing reinforcement elements and its efficiency] Polochae-meklianizirovannati tekhnologila izgotorlonia armatury i ee effektivnost'. Moskva, Stroizdat, 1965—47 p.

# [MICROFILM]

PILIPENKO, V.I., and V.M.SHEPELEV [Manufacturing precast reinforced-concrete structural elements for the main buildings of state regional electric power stations; experience of the "Donbassener gostnot" Trusti Egotovlente shornykh zhetezobetomykh konstruktsti dita glavnykh korpusov GRES; opyt tresta "Donbassener gostroi." Moskva, Gosstroitzdat, 1963, 50 o.

- PIMENOV, A.I. [Control mechanisms in radio apparatus] Mekhanizmy upravlentia v radioapparature, Moskva, Energija, 1906. 166 p. (Biblioteka po radioelektronike,
- PLATE, A.F. [Petrochemistry] Nestekhlmila. Mo-skva, Znanie, 1967. 79 p. (Narodnyl universitet, Estostvenno-nauchnyl fakul'tet, 3)

- POKONOVA, IU. V. [Haloid ethers, production methods, properties, and use] Galoidefiry, sposoby poluchenita, svolstva, primenenic. Pod red. A. A. Petrova Moskva, Khimila, 1966, 339 p.
- POLIAKOV, A.V. [Proud dynasty] Gordaia dinastifa France, Khigizgosizdat, 1962 58 p. (Chelovek slaven svolm trudom)
- POLIVANOV, P.M. [Tables for computing the weight of parts and materials] Tablitay difa podscheta vesa deta-lei i materialov. Izd. 7., ispr. Moskva, Mashino-streenic, 1987. 302 p.
- POLUPANOV, F. P. [Technical operation of tractors]
  Tekhnicheskaia ekspluntatsiia traktorov Klev, Urozhai, 1966 327 р.
- POPOV, L N. [Laboratory testing of building matterials and products] Laborator nye ispytanjia sinoitel nykh materialov i izdelii Moskva, Vysshala shkola, 1966.
- POVILEIKO, R. P., and E. I. SHFKHVITS. [Proportions in Industrial and including the All Markets, proportions in Industrial equipment, experimental lecture for students specializing in design and construction of the Mechanical Engineering Department of the Novosibirsh Electrotechnical Institute Proportial to tabinike; eksperimental nata tektsitadiia studentov konstruktorsakih spitsial'noslet mashinostrottel'nogo i priboro-strollel'nogo fakul'tetov Novosibirskogo olekti elekh-nicheskogo instituta. Novosibirsk, Novosibirskii elektrolekhn in-t, 1985, 147 p. illus.
- POVOLOTSKII, D.IA., <u>And A.K. PETROV.</u> [Production of steel alloys] Profesodstvo leginovannykh stalet. Moskva, Motallunglia, 1987—210 p
- RABOTNOV, IU. N. [Creep of structural components] Polzuchest elementov konstruktsii. Moskva, Nauka, 1966, 752 p.
- RAGULIN, V.V. [Technology of the manufacture]
  Technologila shinnogo proizvodstva Moskva, Vys-shala shkola, 1066, 202 p.
- RAKHOVSKII, V. I., G. V. LEVCHENKO, and O. R. TEODO-ROVICII. [Arcing-tips of electrical apparatus] Razryvnye kontafty elektricheskikh apparatov. Pod red V. I. Rakhovskogo. Moskva, Fnergiia, 1966. 294 p.
- RASSKAZOV, V.A., A.A., GONIK, and S. F. LIUSHIN, [Prevention of parallin depositions in petroleum production by use of paint and varintsh coatings] Predotvrashelmed otto/kentin parallin pri dobychonefil 8 pomospehija lakokrasoelmyka pokrytil. Ufa, Parallikatos kurikatoka. Bashkirskoe knizhaoe izd-vo, 1982. 81 p.
- REBRIK, B.M. [Vibrator techniques in boring] Vibro-tekhnika v burenti. Izd. 2., perer. i dop. Moskva, Nedra, 1966. 231 p.
- [REGULATIONS FOR THE INSTALLATION AND SAFE OPERATION OF AIR COMPRESSORS AND AIR DUCTS! Pravila ustroistva i bezopasnei ekspluatatsii yozdushnykh kompressorov i vozdukhoprovodov. Moskva, Nedra, 1966. 22 p.
- [RELIABILITY OF COMPLEX TECHNOLOGICAL SYS-ELLABILITY OF COMPLEX TECHNOLOGICAL SYS-TEMS, collection of papers of the seminar of the Sec-tion on Reliability of the Scientific Council on the com-plex problem "Cybernetics" of the Presidium of the Academy of Sciences of the U.S.S.R.) O nadezinosti slozhnykh teknicheskikh elstem; sbounk trudov semi-nara Sekisli nadezinosti Nauchnogo soveta po kom-pleksnoj probleme "Kibernetika" pri Previdiume AN SSSR. Moskyn, Sov. radio, 1906, 323 p.
- REMIEV, G.G. [From practices in automation and centralized control of petroleum production] Neft' byga-ryuzy avtomatlashtyryu hem dispetcherleshtereu tezhri-behenen Ofo, Bashkortostan kitan neshriete, 1962 34 p. [In Bashkir]
- RITSLAID, V.D. [Protection of labor; general principles]
  Okhrana truda, obshchie osnovy. Tartu, Tartuskil
  gos.univ., 1905. 07 p.
  (CSI-II)
- ROZOVSKII, G.I., and A.I. VASHKIALIS. [Electrodeless copper plating] Kilfinicheskoe mednente. Red. A.IU. Pı okopelik. Vilnus, In-i khimli i khimicheskol tekhnologii Akad. nauk Litovskoi SSR, 1996. 56 p.
- RUSAKOV, K.I., and IV.LSYCHEV. [Diamond tools for construction and road nuclinery; survey of patents] Almazayi instrument dila stroitel'nykh i dorozhnykh mashin, obzor patentov. Moskva, NIInformatsii-siroidorkommunash, 1965. 56 p. Serita i. Stro-itel'nye i dorozhnye mashiny)

- RUSSIA (U.S.S.P.) G sgortekhnidzor. Safety regula-tions for aluminum Cectrolysts plants! Pravila bezo-pisnosti dila tselbur richtroliza aliuntinin. Mostva, Media, 1966, 35 p.
- RUSSIA (U.S. S. R.) Gosudarsty, and Fountet po delam strotted by a Instruction, for the execution and approval of one or refroncement of mine shaded Up a mila proposed by a priembe rabet potential to be verifical myth strote, shadin. SN 340-65, Izd. oftered on. Mostra, Strottzdut, 1966. 9 p.
- RUSSIA (U.S.S.R.) Gosud usus empt komitet po delam strettel str. It structions for the planning of fencing of territors and loss of enterprises, buildings and structures; Utraming oppositions and expracticent territorii i uchisation predictatii, admir soon usus-nii SN 348-60. Moskia, Stronain, 1966-10 p
- RUSSIA (U.S.S.R.) Gobudarstromy, komitet po delam stroitel'sty (Instructions on the determination of maximal discharge of meliwaters in the absence or deficiency of hydrometric observations) Usagania poor edeleniu rascheinski mal simal'nykh raskhodov 141ykh ved pri otsuistyi ili nedostatochnosti gidrometriched-jehriobiushent St. 356-66. Leningrad, Gidrometrouedat, 1966. 14 p. diigrs, maps (Inscrit)
- RUSS A (U.S.S.R.) Govudirstvennyi komitet po delam biro Lifstia [Interrepublic technical specifications, c acd steel forms for manufacture of concrete and runfirzed-once ete products) Mezhrespublikanskia tekhnicheske uskovia, forms stalinje svarnye dlin iz-gotoklenia betonnykh i zhelizobetonnykh izdeln MNTU 7-15-66 Moskva, Stroizdat, 1966—15 p
- RUSSIA (U.S.S.R.). Gosudarstvennyl komitet standartov, mer i izmeritel'nykh priborov Bolis and nuts with thread diameters over 48 mm., dimensions) Bolty i galka s diameterami rez'by bolee 40 mm, razmery, GOST 10602-83 GOST 10610-63, izd. olitsial'noe. Moskva, izd-vo S'andartov, 1963 54 p. (SSSR. Gosudarst.emne standarty)
- RUSSIA (U.S.S.R.) Gosudarstvennyi komitet standartov, met fizmeritel'nykh priborov. [Circular-grinding machines, precision norms] Stankı krugloshlifot al-nve, normy tochnosti. GOSI 11654-65. Izd, oftistal'-noe. Moskva [Izd-vo Standartov, 1966] 43 p. (SSSR. Gosudarstvennye standarly)
- RUSSIA (U.S.S.R.) Gosudarstvennyi komitet standartov, mer [Izmoritel nykh priborov. [Contour-grinding machines, precision norma] Stankt protil no-shilto-val nye, normy tochnosti, GOST 9735-65. Izd. offisial -noc. Moskva [Izd-vo Standartov, 1966] 15 p. (SSSR. Gosudarstvennyi standarty)
- RUSSIA (U.S.S.R.) Gosudarstvennyi komitet standartor, mer i izmerilel'nykh priborov. Domestic zas stoves Plity bytovye gazovye. GOST 18798-64, tzd.ofitstal'-noe. Mostva [Icd-vo Standartov] 1984. 22 p. (SSSR. Gosudarstvennyi standart)
- RUSSIA (U.S.S.R.) Gosudarstvennyi komitet standartov, mer i izmeritel'nykli priborov. [Electronic hearing alds] Apparaty stukhovye electronic, GOST 10893-64, L2d. ofitsai'noe. Moskva [Ed-vo Standartov] 1964, 14 p. (SSSR. Gosudarstvennyi standart)
- RUSSIA (U.S.S.R.) Gosudarstvennyl komitet standartov, mer i izmeritel nykh priborov. [Finishing gear cut-ters for shalts and holes of slot joints having an inters for shalls and littles of slot joints having an avoid profile? Dobbiak 2 uborezope chistovye dila valov i otversiti shiltsevykh soedinenii s evol'veninym profilem, GOST 6762-65, Izd. official'noe, Moskva [12d-vo Standartov] 1968, 24 p. (SSSR, Gosudarstvennyi standart)
- RUSSIA (U.S.S.R.) Gosudarstvennyi komitet standartov, mer i izmeritel'nykh priborov [Finishing taps for cutting metric threads in circular dies, allowances and working dimensions for threads] Metchiki chistovye dia narezantia metricheskoi rez'by v kruglykh plashkakh, dopuski 1 ispolnitel'nye razmery na rez'bu MN 5359-64, MN 5360-84 Moskva, izd-vo Standartov, 1984 15 p (SSSR Normall mashinostroentia)
- RUSSIA (U.S. S.R.) Gosudarstvennyi komitet siandartov, mer i izmeritel'nykh priborov, iliydraulic-turbine driven generators (hydroelectric generators); techni-cal requirements) Generatory elektricheskie gidro-turbinnye (gidrogeneratory), tekniicheskie trebovanila, GOST 5616-63. Izd. ofitsial'noe. Moskva [Izd-vo Standartov) 1963, 15 p. (SSSR.Gosudarstvennyi
- RUSSIA (U.S.S.R.) Gosudarstvennyt komitet standartov, mer i izmeritel nykh priborov. [Instruction 242-57 for checking iachometers, speedometers, and revolution counters] Instruktila 242-57 po poverke takhometrov, spidometrov i schetchikov obarotov, Izd. offisial'noe, Moskva, Izd-vo Standartov,1984, 26 p.

- RUSSIA (U.S.S.R.) Gosudarstvennyt komitet standartov, met i iznoritelfnykh pi lborov. [Materials of ceramic tadfo engineering.] Materials keramiteheskie addiotekhuicheskie GOST 5458-64 Lvd ofitsialfnoe Moskva [Ed-vo Standartov, 1964] 16 p. (SSSR. Gosudarstvennyt standart)
- RUSSIA (U.S.S.R.) Gosudarstvennyl komitet standartov, met [Tzmeritel'nyk priborov, [Men's clothing for miners [Kostium muzhskel dlia gornorabochikh, GOST 10886-64, Izd, offisial'noc, Moskva, Izd-vo Standartov, 1964, 15 p. (SSSR Gosudarstvennyl standart)
- RUSSIA (U.S.S.R.) Gosudarstvennyi komitot standartovi, mer i Izmeritel'nyih priborov. [Mctal-ending tools, reamers] Rezhushchil Instrument, razverthi. Izd. ofitsial'noe. Moskva, Izd-vo Standartov, 1965. 82 p. (SSSR, Gosudarstvennye standarty)
- RUSSIA (U.S.S.R.) Gosudrustvennyl komitet standartov, met i izmeritel'nykh priborov. [Organic direct dyes (scarlet, red 28, bordeaux, blue lightfast KU, pure blue, green Zikh, brown KKh, black 3, black 28, diazo black 3)] Krasiteli organicheskie priamye (alyi, krasnyl 28, bordo, sinti svetoprochuvi KU, chisto-goluboi, relenyl Zikh, korichnevyl KKh, cherryl 3, chernyl 28, diazo chernyl 9, GOST 10072-64. Izd. ofitsial'noe. Moskva [Izd-vo Standartov, 1965] 12 p. (SSSR. Gosudarstvennyl standart)
- RUSSIA (U.S.S.R.) Gosudarstvennyl komitet standartov, mer i izmerikel nykh priborov. [Palis of globoldal worm gears] Pary cherviachnye globoldnye. MN 5440-61. Moskva, Izd-vo Standartov, 1964. 32 p. (SSSR, Normal mashinostroenita)

RU nyl standatt)

1-3-4-14-19

materials of a scientific conference) Mekhanizatsila dorozhno-strottel'nykh i meliorativnykh i abot, mate-rialy nauchno-teklmicheskoi konferentsil. Minsk, 1985, 70 p

[MICROFILM]

- RUSSIA (U.S.S.R.) Komitet standartov, met i izmeritel'nyth priborov. [Aluminum casting defor mable alloys;
  methods of chemical analysis] Splavy alluminitevye,
  liteinye i deformi uennye, metody khimleheskogo analiza. GGST 11739-66-11760-68 Lzd.ofiteial'noc.
  Moskva [Ed-vo Standartov] 1966. 136 p (SSSR.
  Gosudarstvennye standarty)
- RUSSIA (U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov, [Light fiktures with incandescent lamps
  and high-pressure mercury lamps to lighting sit cets,
  roads, and squares, general technical requirements] roads, and squares, general technical requirements!
  Svetil'nlhi s lumpami ankalivantia i dugovymi ritulnymi
  lampami (DRL) dila osveshehenila ulita, dorog i ploshchadel, obshchie tekhnicheskie trebovantia, GOST
  8045-66, Lzd, ofitsial'noc. Moskva, Izd-vo Standartov,
  1966, 16 p. (SSSR, Gosadarstvennyl standarty)
- RUSSIA (U.S.S.R.) Komitet standartov, mer 1 izmeritel'-nykh priborov, [Metal measuring tapes] Ruletki Izmo-ritel'nye metallicheskie. GOST 7502-01. Izd. ofitsial'-noe. Moslva [Standartgiz] 1992. 18 p. (SSSR. Cosu-darstvennyl standart)
- RUSSIA (U.S.S.R.) Komitet standartov, mer i izmeritel'-nykh priborov, [Pens for recording instruments] Per la samopishushchikh priborov, GOST 3150-66, Izd, ofital'noe. Moskva [Izd-vo Standartov] 1966, 13 p. (SSSR. Gosudarsivennyi standart)
- RUSSIA (U.S.S.R.) Komitet standartov, mer i izmeritelinykh priborov, [Protection of wire communication systems from overvoltages and currents originating in their lines; regulations and schematics] Zashchita uetanovck pi ovodnok svizai of opasnykh napriazhenii i tokov, voznikatushchikh na linilakh; pravila i skhemy. GOST 5238-86. Izd. cittsialinoe. Moskva [Izd-vo Standarta 1968] 22 Standartov, 1966 23 p.
- RUSSIA (U.S.S.R.) Komitet standartov, men i Izmeritel'nykh priborov. [Solid electric insulating materials;
  method for determining arc resistance] Materialy
  elektroizoliatsionnye tverdye, metody opredelenia
  dugostolkosti. GOST 10345-66, Izd. ofitsial'noe.
  Moskva, Izd-vo Standariov, 1966. 18 p. (SSSR. Gosudarstvennye standarty)

- RUSSIA (U.S.S.R.) Komitet standartov, and the metitely with pribor ov. [Zinc, methods of chemical analysis] TSInc, metody kindicheskogo anatizat.

  GOST 11604-66 GOST 11680-66. Ld. official/noc.
  Moskva, Ld-vo Standartov, 1966. 38 p. (SSSR.
  Gosudarstvennye standarty)
- RYZHOV, P.A., and V.M.GUDKOV. [Uning mathematical statistics in prospecting for mineral resources]
  Primenente matematicleskof statistical pri rayvedee nedi. Moskva, Nedra, 1966. 234 p.
- SAMIKHOV, M.M. (Potentialities for lowering expenditures in construction of oil wells, as exemplified by drilling enterprises in Bashkhia; Reveryy anizheshi zatrat v strollet sive neffanykh akvazhh, na prindrebu ovykh predprilatii Bashkhiii. Moskva, Neha, 1905.
- SAMSONOV, G. V. [Beryllides] Berillidy, Kiev, Mauko, a dumka, 1906, 107 p.
- SAVITSKII, E.M., and G.S.RURKHANOV. [Physical metallurgy of high-melling metalls and alloyo] Metallovedenic ingoplaykikh metallov 1 splayov. Moskva, Nauka, 1967. 322 p.
- SAVOSTIANOV, D. D. [Construction and repair of ch-culating machines models 37, 378M, 38, 368M, 438M, and 448M] Konstrukteffa i remont vychialitelinykh mashin modelel 37, 378M, 36, 368M, 438M, 418M, Ltd. 2., perci.i dop. Moskva, Statistika, 1905.
- SEMINAR "ALGORITMIZATSHA PROIZVOESTVENNER PROTSESSOV." [Reports of the Sendhar "Algorithmat-tion of Production Processes"] Seminar "Algorithmat-talla profzvodstvonnykh protsessov"; [doklaby] Kies, Naukova dumka. No 7 1985. 39 p.

SEMBAR "FIZIKO-TEKHNOLOGICHESKII: VOPRKY KIBERNETIKI." [Reports of the Seminar "Payah al and Technological Problems of Cybernetik a"] Seminar "Fiziko-tekhnologichoskio voprosy kibernetiki", [dokta-dy] Kley, Naukova dumka. No. 1. 1965. 116 p. No. 1. 1966. 123 p.

SEMINAR "VOPROSY TEORII ELEKTRONNYKU TSIKHO-VYKH MATEMATICHESKIKII MASHIN." [Reports of the Seminar "Problems of the Theory of Diestronk Digital Computers"] Sombar "Voprosy teorif elektron nykh tsifrovykh matematicheskikh mashin"; [doklady] Kiev, Nauková dumka. No. 8. 1905. 64 p No. 1. 1906. 135 p.

- SEMINAR PO ZHAROSTORIM POKRYTHAM, Lenlugrad, 1965. [High-temperature contings, transactions] Vysokotemperaturnyo pokryilla; trudy. Moskva, Niuka, 1967. 223 p.
- SEROV, V.I., and G.V.KHMEL!. [Automatic DVK-3 detonation chimber for testing apark proof attate of electrical circuits, operating manual] Automaticler-skala veryyanala kamera tha DVK-3 dila ispylantia elektricheskich taopel an iskrobezopasnosit; rukovodstvo po ekspluataisii. Moskva, In-t gornogo dela im, A.A. Skechinskogo, 1966. 26 p.
- SHALFEEV, S.D. [Regularities of wear and methods of increasing the durability of blanking dies! Zakonomernosti iznosa i metody povyshenila stolkosti vyrubnykh shampov. Kazan', Tatarskoe knizhnoe izd-vo, 1985
- SHARAPOV, V. [Extrusive mothod of applying polymer materials on shaped metal products] Ekstruzionnyl metod nanosonila polimernykh materialov na metallicheskie profil'nye izdellia. Riga, Lutvilskii respublin-i nucchno-tekim informatsii i propagandy, 1966 6 p. (Listok tekhnicheskoi informatsii; Klilmiia)
- SHAPRO, D.N. [Designing of translator radio receive to, a textbook] Prockthrownle translator nykn radioprism-nikov, uchebnoe posobio. Leningrad, 1966. Leningr elektrotekhn in-t sviazi, 1966. 100 p.
- SHARIPOV, v.Sh. (Mechanization and automatic control in the mining industry) Mekhanizatatia I avtonatizatatia v gonorodnot promyshlennosti. Alma-Ata, "Kazakhstan," 1905. 125 p.
- SHEA, RICHARD FRANKLIN. [Principles of transistor circuits. Transinted from the English] Poluprovednikovye triedy i ikh primenenie. Pod obshchei red. R. Shi. Moskva, Gos.energ.lzti-vo, 1957. 257 p.

- SHIDLOVICH, L.KH. [Differential transformers and their applications] Differential transformatory 1 kh primenenie. Moskva, Energiia, 1966. 95 p. (Bibliote's po avtomatike, no. 219)
- SHKINEV, A. N. [Damages to construction projects, their causes and means of prevention and elimination]
  Avari in a shoutel'nykh ob"ektakh, Ikh prichiny
  i sposoby preduprezhdenisa i likvidatsii. 2 17d,
  peret. i dop. Moskva, Stroiizdat, 1906. 305 p
- SHKRIA, T.M. [Using the wood of beech branches and treetops in the making of heat fundlure] Ispol'zovanie drevesiny bukovykh such'av I vershin dlia izgotovlenifa izdelii gnutol mebelli. L'vov, L'yovskii lesotekhn. In-t, 1938. il p.. (OrCS)
- SLAVSKII, G.N. [Active RC and RCL filters and selective amplifiers] Aktivnye RC- i RCL- fil'try i izbiratel'nye usiliteli. Moskra, Sviaz', 1966—215 p
- SMOGILEV, K.A., I. V. VOZNESENSKII, and L.A. FILIP-POV. [Microwave receivers] Radiopi lemniki SVCh. Mogkva, Voenizdat, 1967. 555 p.
- SNITKO, N.K. [Structural mechanics] Stroitel nata mechanika. Moskva, Vyashala shkola, 1966, 535 p.
- SOKOLOV, K.A., <u>cd.</u> [Manual for operators of machinery engaged in transport construction] Sprayochnik mekhanika transportingo strottel'stva. <u>Lzd. 2.</u>, perer. i dop. Moskva, Transport, 1966. 639 p.
- SOLOV'EV, B. F. and M.D. SAKHAROV. [New technology of woodworking in the production of parquet boards] Novata tekhnika derevoob abothi v proizvodstve parkelnyki dosok. Moskva, Lesnaia promyshlennost, 1956, 70 p.
- SOVESHCHANIE PO AVTOMATIZATSII PROTSESSOV MASHINOSTROENHA 4th, 1964. [Automatic control of processes of welding and pressure working of metals, transactions] Avtomatizatsiia protsessov svarki I ohrabolki dayleniem, [trudy]. Moskva, Nauka, 1969. 250 p.
- SOVESHCHANIE PO EKSPERIMENTAL'NOI TEKHNIKE 1 METODAM VYSOKOTEMPERATURNYKH IZMERENII, 2d. [Experimental techniques and methods of high-Temperature measurements, transactions] Eksper imental'naia techni'ca i metody vysokotemperaturnykh izmerenii, [trudy]. Moskva, Nauka, 1966, 234 p.
- [SOVIET EQUIPMENT FOR LAUNDRY PLANTS] Ciechestvennoe oborudovanie dlia fabrik-prachechnykh, [By] V. A. Minaey-TSikanovskii i dr. Moskva, Nilinformatsti stroidor-kommunmash, 1965. Ill p. (Sei ifa 3-Mashiny i oborudovanie dlia kommunal'nogo khoziatstva)
- [SPACE ROOF STRUCTURES, a collection of scientific works] Prostranstvennye konstruktsii pokryili, sbornik nauchnyki rabot. Leningrad, Stroitzdat 1966, 97 p.
- STERIN, E.IA. [Advanced equipment and methods for organizing work in assembly of industrial structures in the Latviau S.S.R., Progressivnye prisposobleniin I percedovye metody organizatsil rabot na montazhe promyshlemykh soon uzhenti Latviiskii SSR. Riga, Latviiskii respubl. In-t nauchno-tekim, informatsii I propagandy, 1966. 81 p. (Listok tekhnicheskoi informatsii Stroftel'stvo i shottel'nye materialy)
- [STORAGE DEVICES CELLS, AND BATTERIES] Akkumullatory, elementy i batarei, Izd. olitsial'noc. Moskva, Izd-vo Slandartov, 1965. 2li p. (SSSR. Gosudarstvennye standarty)
- STRIZHEVSKII, I. I., and V. F. ZAKAZNOV. [Industrial file damping devices] Promyshlennye ognepregraditeli. Moskva, Khimita, 1966. 150 p.
- [STUDYING DEFECTS IN THE CRYSTAL STRUCTURE OF METALS AND ALLOYS] Izuchenie defektov ki istallicheskogo stroenita metaltov i splavov. Klov, Naukova dumka, 1906. 143 p. (Respublikanskii mezhvedomstvomyi sbornik Serija: Metallofizika)
- STUPACHENKO, P.P., V.S.KORENBAUM, and I.N. SVININNIKOV. [Building materials from rocks of the Maritime Territory] Struttel nye materialy iz gornykh porod Primor'ia. Vladivostok, Dal'nevostochnoe knizhnoe izd-vo, 1985. 198 p.

  [MICROFILM]

- [SYSTEMS FOR EXCITATION AND REGULATION OF SYNCHRONOUS MACHINES AND LARGE STATIC CONVERTERS] Sistemy vorbuzhdenita i regulirovanita sinkhi omnykh mashin i moshchnye statichoskic pi cobrazovateli. Moskva, Nauka, 1967. 213 p.
- TAMM, LEHTE. [Sanitary standards for hairdressers] Sanitar milnimum juuksurelle. Tallinn, Valgus, 1966, 43 p. [In Estonian]
- TARGO, EDGAR. [Mechanical drawing in machine building] Tehniline joonestamine masinaehituse erialal, Tallinn, Valgus, 1965. 108 p. [in Estonian]
- [TECHNOLOGICAL HANDBOOK] Techniska lokusgi amata. Riga, Latvijas Valsts izdevnieciba [In Latvian]. Pt. 2. Sastadijusi Latvijas Valsts Universitates mechanikas fakultates macibu speki. Redigejis V. Ivanovskis. 1957. 923 p.
- TIAMSHANSKII, N.D. [Economics and the organization of research work in machinery manufacturing] Ekonomika i organizatsila nauchno-issiedovatel'skikh rabot v mashinostroenii. Leningrad, Mashinostroenie, 1067. 194 p.
- TIKHONIUK, I.O., and G. N.SHLYGIN [Meck-up method of designing; experience in planning enterprises for the oxygen industries] Model no-maketnyl metod procktin ovnnik, opyt procktin ovnnik predprilatit kislorodnol promyshlennosti. Moskva, Stroitzdat, 1986. 145 p.
- [TIME-MULTIPLEXED REMOTE CONTROL SYSTEMS USING MAGNETIC AND ELECTRONIC COMPONENTS] Vremonnye sistemy teleupi avlenila na magninykh i lomykh elemeniakh, [By] V.N. Tutevich i di. Moskva, Energita, 1066, 190 p. (Elbiloteka po avlomatike, po. 205)
- TOOMASPOFG, J. [What does the rapid growth of power engineering give our republic?] Mida annab Vabat itglie energeetika kifre kasv. Tallim, Valgus, 1986.
  21 p. [NLKP XXIII kongross obsectab.] [In Estonian]
- TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKH INSTITUT INFORMATSH I TEKHNIKO-EKONOMICHESKIKH ISSLEDOVANH CHERNOM METALLURGH. (Februas metallurgy in capitalist countries) Chernafa motallurgita kapitalisticheskikh stran. Moskva, Chermetinformatsiti.
  - [Pt. 6, Prodolzhenie] Lovin, E.B. [By-product coke industry] Koksokhimicheskoe proizvodstvo. 1966, 484 p.
- TSIKOL', D.N., M. P. GRACHEVA, and A. M. IAMPOL'-SKII [Noncyanide electrolytes for bright zine plating]
  Netstanistye elektrolity blestiashchego tsinkovanila
  Leningrad, 1996–15 p. (Leningradskii dom nauchnotekhnicheskoi progagandy —Peredovol proizvodstvennyt
  opyl Serlia: Uluchshenie kachestva, povyshonie nadezhnosti i dolgovechnosti mashin, priborov i drugikh
  promyshlennykh izdelli)
- TURANOV, A.V. [Efficiency promotion and inventions in fire prevention] Ratsionalizatsija i izobrejatelistvo v pozlarnot okhrane Moskva, Strolizdat, 1986. 87 p
- TURULOV, N. A. [Now methods of metal machining] Mot pitenty obrabotki metalla. [Moskva] Mosk, rabochii, 1966. 79 p.
- VARAKIN, IU. M., K. S. KLYKOV, and V. B. PRELOVSKII, [Means for the automation of sawmilling and wood-working production] Sredsive aviousatizatsii lesspil'no-derevoobrabityvatushelikh protivoolsty. Moskva, Lesnaia promysbl., 1967. 354 p.
- VASIL'EV, V V., A.N.KLEPIKOVA, and A.G.TIMO-SHENKO [Solution of problems in Optimal planning using analog computers] Rushente zadach optimal'nogo plantrovantia na etaktronnykh modeliakh. Kiev, Naukova dumka, 1986—163 p.
- VENIKOV, V. A., ed. [Transient processes in electrical systems with examples and illustrations] Perckhodnyc proisessy eloktricheskikh sistem v primerakh i lillustratsifakh. [By] N. D. Anlisimova i dr. Izd. 2., dop. Moskva, Energiia, 1967. 455 p.
- VESELOV, I.V., and A.V.EGLITIS. [Using magnotohydrodynamic floating pump in conveying liquid zinc] Transport zhidkogo tsinka pri pomoshciti magnitogid odinamleheskogo nasosa plavalushehego tipa. Riga, Latviiskii respubi, nauchno-tekhn, in-t, 1966. 28 p. (Listok tekhincheskoi informatsii: Mashinostroenio i priborostroenio)

- VOLCHEK, V.G. [Production and use of lightweight controls aggregates in the White Russian S.S.R.]
  Proizvodstvo i primonenie legicikh iskuestvennykh zapolnitelei betonov v BSSR. Minsk, Belarus', 1965.
  53 p. (Peredovoi opyt dostolanie naroda)
- VOROB'EV, D.A., and V.M.SAKHAROV. [Ruberold machinery; a survey] Ruberoldnye agregatyjozzor. Moskva, Nilinformatsii stroidorkommunnash, 1965. 62 p. (Seriia 2. Oborudovante dila promyshlennosti stroitol'nykh materiatov)
- VOSKANIAN, V.A. [Advanced dratings construction, experience of Trust No. 102 of the Glavlening adstroil Progressivania konstruktsita drenazia, opyt tresta No. 102 Glavlening adstroia. Leningrad, 1966. 25 p. (Leningradskil dom nauchno-tekhnicheskol propagandy, Prolzvodstvennyi opyt. Serlia Stroitel'noe profevodstvo)
- VOSTOCHNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PO BEZOPASNOSTI RAPOT V GORNOI PROMYSHLEN-NOSTI. [Instruction on dust control by methods of preliminary wetting of coal seams] Instruktsiia po bot'be z pyl'lu metodom predvartiel'irogo uvlazimeniia ugol'nykh plastov. Moskva, Nedia, 1966. 75 p.
- VSESOIUZ NOE NAUCHNO-TEKHNICHESKOE SOVESHCHA-NEE PO PRISADKAM K MINERAL'NYM MASLAM. 2d, 1066. [Oli additives, transactions] Prisacki k imaslan, frudy. Pod red. S.E.Kroina i dr. Moskva, Khimila, 1966. 399 p.
- [WAYS OF INCREASING DURABILITY AND LIFF OF BUILDING MATERIALS AND STRUCTURAL ELE-MENTS] Pult povyshenita stolkosti i dolgovechnosti shotici¹nykh materialov i konstruktsti. [Rostov-ni-Donn] Izd-vo Rostovskogo univ , 1966. 226 p.
- ZAIMOVSKII, A.S., V.V.KALASHNIKOV, and I.S. GOLOVNIN. [Fuel elements for atomic leactors] Teplovydelialushchie elementy atomnykh reaktorov. Izd. 2., perer.i dop. Moskva, Atomizdat, 1986. 519 p.
- ZAKIS, J. [Microminiaturization in radioelectronics] Mikrominiaturizacija radioelektronika, Riga, Liesma, 1966, 58 p. [In Laivian]
- ZARIPOV, I. KH. [Birth of a record; story of deeds and people of the progressive crew of Anatolit Zhurayskii, drilling foreman of Azakayovo drilling office [Rochdende rekorda, ansakay o delakh i Iludakh perodovol brigady burovogo masicia Aznakawskol kontory buanila Anatoliia Zharayskogo, Kazan', Tatarsikoe knizimoe izd-vo, 1961, 31 p. (Biblioloka nofilanika)
- ZEMSKII, A. A. [Ald to the concrete caster, manual for increasing the skill of works as in the Housing Construction Combine] V pomosheh' betor-shelikuformovshrhku; posoble po povyshenitu masteretva rabochikh DSK. Leningrad, Stroitzdat, 1966, 80 p
- ZHOKHOVSKII, M.K. [Theory and design of instruments with unscaled piston] Teorila I raschet prihorov s neuplotneanym porsimem. Izd. 2., porer.1 dop. Moskva, Izd-vo Standartov, 1996. 330 p.
- ZOTOV, V. A. [Cutting apparatus of machines for pruning shrub hedges] Rozhushchio apparaty mashin diia podrezki kustarnikovykh izgorodei. Moskva, Nilinformatsii stroidorkommunmash, 1985, 62 p. (Seriia 3: Mashiny i oborudovanie diia kommunul'nego khoziaistva)

# 17. MILITARY & NAVAL SCIENCES

- AKIMOV, P.P. [History of the development of marine power plants] Istorifa razvitifa sudovykh energeticheskish ustanovok. Leningrad, Sudostroenie, 1966. 187 p.
- ANDOLENKO, S. [Chest insignia of the Russian Army] Nagrudnye zazki Rusekoi Armii Paris, Tanais, 1996. 227 p. (NIC)
- BRRUK, V.S. [Mounted ship tanks] Sudovye vkladnye taisterny. Leningrad, Sudostroente, 1966 128 p.
- GAVRIKOV, F.K. [Organization and planning of instruction. Study of regulations] Organizatesia i planii ovanic obuchentia. Izuchente ustavov Moskva, Voentzdat, 1966. 201 p. (Posobie po obuchenitu motodogo soldata, no. 1)
- GREBEL'SKII, P.KII., and M.KH.REZNIK. [Mechanization of futthing operations in hull construction] Mekhanizatisia korpusso-destroechnykh rabot. Lening: ad, Sudostroenie, 1986. 310 p.

- GUKOV, F. T. IPractice of correcting and determining the de ration! Praktify unreliephenita considerents deviated. Mosks a Transport, 1966-199 p. (Bibliotech) subsecution morsky prior).
- IRKIIP., A P <u>ed</u> [Organization of the earl of the flect and the ports] Organization of the earl of the [B₁] A P In him i dr Mosleya, Fransport, 1988 327 p
- KOROL', NESTOR. [Urrinian Cossaels, ancestors of the Muscovite enviry] Urrains's chozatstvo, rodonachal'm's Finnoh virs'ta Muskovil-Rosat, New York, 1968, 96 p. (Naukovi to arvesto fm. P.Shevchenka, Biblioteka ukrainozawstva [13])
- KRASAVISEV, B. ( [Instruments and methods of nautical astronoms.) Instrumenty (metod) morekhodnot istronoms. Mostval, Transport. 1966—88 p. (Biblioteck) a sudo o litelia morstogo flota).
- KUTIANIN, P.I. [Potentialities of increasing labor productivity in the merchant marine] Rezervy povyshenila protavoditelinosti truda na morskom flute, Podred. R.S. Reza. Moshra, Transport, 1956, 68 p. (Ekonomula i ekspluatatsila morskogo transporta)

- IOSECHILOV, A.K. [Fire training] Ognevara podgotovra Moskva, Voenizdat, 1966—179 p. (Posobie po obucheniju molodogo soldata, no 3)
- MIKULINSKII, E.A. [Preventing collisions of ships at scal Preduprezhdenie stolknoventi sudov v more. Moskva, Transport, 1966. 134 p. illus.
- [NAVAL FORCES IN A FUTURE WAR, a collection of translated articles] VMS v pudushchel voine, shormk perevodnykh statel. Predisl. A. T. Chabanenko, Moskra, Voen, izd-vo M-va oborony SSSR, 1961, 301 p. (CaOTU)
- OBRIADCHIKOV, G.IA. [Electric lighting equipment of ships, maintenance and care] Sudovoe elektrooborudovanie osveshchenila, obslu/hivanie i ukhod. Moskva, Transport, 1966, 45 p.
- POLIAKOVA, I. P. [Those who look ahead] Vperedsmotriashchie Frunze, "Kyrgyzstan," 1984, 32 p. (Uchit'sia rabotat' i zhit' po-kommunisticheskil)

- RUSSIA (U.S.S.R.) Gooden alvernyl komitet pe del in strofte? Siva. [Regulation on the planned preventive repair of sea and river part, mayigation and ship Hiling hydraulic structures? Poto-hende o provedent planovo-predupredite? nogo remonta morakikit rechnysh portovykh, audokhodnykh i audopod? enniski gidrotekhnichenkidish somrizhenti. Lad offisial nee Moskva, Stroftzdal, 1986–58 p.
- RUSSIA (U.S.S.R.) Ministerstvo obogony (Manusten musketry, the 7-02 mm. Kalabanikov sobustentin par (AK) | Naslaviente po streikovonu delu, 7,42-mm aviomat Kalabanikova (AK) — Ed.J., 19pr. 1 dop. Ma skya, Voenizdat 19b7—171 p
- TSENTRAL'NYI MUZZI VOORUZIII:NNYKII SII, 5886, [A gulde to the Central Musteum of Armed Forces of B. U.S.S.R.] Putevoditel', Moskva, Voenizelt, 1965 210 p. Illus. (MII)
- VYSOTA, I.I. [Automated marine site in engines; itesl, a theoretical foundations, and operation]. Avionatizing variety sudovye parayye mashiny, konstruktsii i, e.a.e., terrii I ekspluatatolla. Moskva, Transport, 1966. 477 p.
- NOTFEV, I.S., F. F. LUDCHFNKO, and P. K. TIMOLIFV, [New mat he electric navigation fact uncented No permonskic elektronavigationnye pathory Mecket, Transport, 1966–163 p. (Kuray usoversheaster, astroplaysocias)

#### 1. GENERAL

#### a. SCHOLARLY JOURNALS

- AKADEMIIA NAUK ARMIANSKOI SSR, Enivan. Vestrik obshchestvennykh nauk [ACADEMY OF SCIENCES OF THE ARMENIAN S. S.R. Review of Social Sci-ences]. Etivan, no. 4(278), Apr. 1986.
  - Table of contents translated:
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- AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku KADE MIEA PAUK AZERHAIDZHANSKU SSR, Baku-Izvestin, Sertia fiziko-matematicheskiki i tekini-cheskikh nauk [ACADEMY OF SCIENCES OF THE AZERBAIJAN S. S. R. Bulletin, Serios in the Physical, Mathematical, and Technological Sciences]. Baku,
- Mathematical, and Technological Sciences]. Baku, no. 5, 1002.

  Table of contents translated.

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- AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku, Izvostita, Scrila fiziko-tekhnicheskikh i khimicheskikh nauk [ACADEMY OF SCIENCES OF THE AZER-BAIJAN S, S, R. Bulletin, Series in the Physical, Technological, and Chemical Sciences]. Baku,
  - Technological, and Chemical Sciences, Spain, no. 4, 1966.
    Table of contents translated Maubov, S.IA. Cauchy problem for second-order differential parabolic equations in Banach space,
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- AKADEMITA NAUK AZERBAIDZHANSKOI SSR Bakv EVERGUE NAUK AZERBAIDZHANSKOI SSR BAKU, fovestila. Scrila Istorii, filosofii i prava (ACADEMY OF SCIENCES OF THE AZERBAIJAN S. S.R. Bulletin. Series in History, Philosophy, and Law). Baku, no. 3, 1966.
  - no. 3, 1999.

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- AKADEMIA NAUK GRUZINSKOI SSR, Tiflis. Soob-shcheniis [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Reports]. Tiflis, vot. 26, no. 6,

  - Table of contents translated:

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  Table of contonts translated;
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  - Table of contents translated.

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- BIULLETEN' MEZHDUNARODNYKH NAUCHNYKH S'FZDOV, KONFERENTSH I KONGRESSOV [BUL-LE FIN OF INTERNATIONAL SCIENTIFIC MEETINGS, CONFERENCES, AND CONGRESSES]. Issued by Oldel meridunal odnykh sviazei 1 info. matsil Vsesoluznogo instituta nauchnol 1 tekhnicheskoi info. matsil Akademii nauk SSSR [Department of International Relations and Information of the All-Union Institute of Scientific and Technical Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no.11(72), 1986.

- GORKIY, UNIVERSITET, Uchenye zapiski [UNIVER-SITY, Sudies No. 50, 1959, Tabic of contents translated Suverov, P. A. Studying bloogical characteristics of the strains of Ganoderma applanatum (Pers. Pat)
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  - Austracy, A.A. Effect of nitrogen fertilizers on the accumulation of vitamin C in plants, p. 28.

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  - Priakhina-Kon'kova, E.A. Accelerated aging and better quality of table wines and champagne.
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- IRKUTSK, UNIVERSITET. Trudy (UNIVERSITY, Transactions). Vol.38, no.4, 1985.
  - Table of contents translated.

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- FIEV, UNIVERSYTET haufovi zap. sty [UNIVERSITY, Studies], Vol. 18, no. 1, 1959
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- LENINGRAD, UNIVERSITET, Vestnik [UNIVERSITY, Resides], Vol. 21, no. 22, 1966. Serila fiziki i khimii [Series in Physics and Chemistry], no. 4.

- Iseries in Physics and Chemistry, no 4.
   Table of contents translated
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- MOSCOW, MOSKOVSKII GOSUDARSTVENNYI PEDAGO-GICHESKII INSTITUT, Uchenye zapiski [MOSCOW STATE PEDAGOGICAL INSTITUTE, Studies], No. 152, 1960.
- No. 152, 1860.

  Table of contents translated

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- MUNICII. UKRAINS'NYI VIL'NYI UNIVERSYTET | RAN-koyl zapysky [UKRAINIAN FREE, UNIVERSITY | SIG-les] | No. 0, 1965, 1986
- NALCHIK, KABARDINO-BALKARSKII GOSUDARSTVIN NYI UNIVI RSTITT. Uchenye zapiski [KABARDIRO] BALKAR SPATT UNIVINSTIY, Suchen), Ne. 27, 1905 Series in Illstov and Philology.

  Table of content, translated Berbekov, Kh.M. Higher education in the Kabardhar Bilkar & S.R. p. 5

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- OBSHCHUSTVENNYE NAUKI V UZBEKETANE [SOCIAL SCHENCES IN UZHEKETAN]. Issued by Akacentla nauk Uzbekskol SSR [Academy of Sciences of the Uzbek S.S R.]. Tankent, vol 11, no. 1, 1667
- PERM, PEDAGOGICHESKII INSTITUT, Uchenyo zapinki [PEDAGOCICAL INSTITUTE, Smiler], Vol. 32, 1995, Catalytic transformations of organic compounds.
  - Table of contents translated: Rozlov, N. S., Pasteriak, V. Sh. Catalytic interac-tion of nitrobrazene with methyl alcohol and di-
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- SAMARKAND. GOSUDARSTVENNYI UNIVERSITET. Trudy (STATE UNIVERSITY, Transactions), No.95,

  - Table of contents translated Rollenton, L.I., Availant, IU.IU. Remarks on the theory of phraseology, formation of phrases and phraseologic ties in languages. p. 3.
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- * SOVETSKAIA ANTARKTICHESKAIA EKSPEDITSUA 1955-1958. Informatsionnyi biulleten' [SOVIET ANT-ARCTIC EXPEDITION, 1955-1958. Information Bulletin, Leningrad, no. 28, 1901.

  Table of contents translated
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- Table of contents translated;
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- SOVREMENNAIA KITAISKAIA LITERATURA PO OB-SICHESTVENNYM NAUKAM, referativnyl sbornik [CONTEMPORARY CHINESE LITERATURE ON THE SOCIAL SCIENCES, Journal of Abstracts], Issued by Fundamental nata biblioteka obshchestven-nykh nauk Akademii nauk SSSR [Fundamental Library
- nyth nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 42, 1961.

  Table of contents translated.
  Sikacheva, R.N. "Formation of Sun Yat-sen's revolutionary views and the foundation of the Society for the Renaissance of China" by Chin Ch'ung-chi, Hung Sheng-wu. Abstract from "Li shth yen chiu" no. 5, 1960. p. 25.

- Tutov, I.I. "The anti-imperialistic fight of the I Ho Tuan in Tientsin and in Szechwan Province." Abstract of articles from "Li shin chlaohsush" for 1960, p.30,

- Abstract of articles from "Li shin chlaohsuen" for 1980, p. 30.

  Zaretskala, S.I. 'Character of the Taiping Rebellion" by Wang Ch'en-jeu, Abstract from "Wu hang tah sueh jenwan k'ahsuch hauch piao" no. 8, 1959, p. 36.

  Kudain, V.I. "Yuan Ch'ung-huan's patriotic ideas" by Ya Kung. Abstract from "Shih hauch yuch k'an" no. 5, 1960, p. 43.

  Zaretskala, S.I. "Character of the uprising at the end of the Yuan period and the role of Chinese landowners in this uprising" by Kuan Wen-la. Abstract from "Wu hang ta hauch jen wan k'a hauch hauch niao" no. 8, 1959, p. 46.

  Sikacheva, R.N. "Development of agriculture in the lower reaches of the Yangtze filver in the period of the Sul and T'ang dynastios" by Shih Nien-h ii. Abstract from "Uen wen tsa chih" no. 1, 1960, p. 68.

  Rubin, V.A. "Research on the Hang bamboo tables found in Chuyang" by Ch'en Kung-jou, Hau P'ing-lang, Abstract from "K'ao kur' no. 1, 1960, p. 72.

  Kudrin, V.I. "Character of the wars between the Ch'ang peoples and the western Itan Empire," by Ch'en K'owel. Abstract from "Li shih chiao chuch" no. 7, 1960, p. 79.

  Rubin, V.A. "Some peculiarities of the history of the late period of primitive society in China" by T'ung Chu-ch'en. Abstract from "K'ao ku' no. 5, 1960, p. 84.

  Kudrin, V.I. "The role of revolutionary ideas in

- T'ung Chu-ch'en. Abstract from 'K'ao ku no. 7, 1960, p. 84.
  Kudrin, V.1. "The role of revolutionary ideas in the peasant wars in China and their connection with religion" by Yang K'uang. Abstract from "Itsuch shu yuch k'an" no. 7, 1960, p. 90.
  Kholmovskain, T.N. "Perfodication of the history of Chinese literature" by Ts'ao Tao-heng. Abstract from "Wen heuch ping lun" no. 1, 1960, p. 97.
  Kholmovskain, T.N. "History of modern Chuang literature." Abstract from "Wen hsuch ping lun" no. 6, 1959, p. 107
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- SVERDLOVSK GOSUDARSTVENNYI PEDAGOGICHE-COCICAL INSTITUTE, Studies]. No. 35, 1966. The building of communism and the formation of the new
  - Table of contents translated
  - Diacheva, G. I.—The concept of "social environment" and its role in the development of personality, p. 3. Ishimov, M. V.—The change of employment and its role in the all-lound development of the employees
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- TASHKENT, UNIVERSITET, Nauchnye trudy [UNIVER-SITY, Studies], No. 210, 1962, Biology. Table of contents translated Abdultacy, Kin. A. Soils of the "Druzhba" State Farm

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- TASHKENT, UNIVERSITET, Trudy [UNIVERSITY, Transactions], No. 278, 1966, Kommunisticheskala partita organizator soluza rabochego klassa s krestitansivom [The Communist Party as organizer of the alliance of the working class and peasantry |.
  - Table of contents translated Orazimbetov, Sh.O. The alliance of the working class and peasantry is a decisive factor in the struggle of the building of socialism and communism
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- TOMSK, UNIVERSITET, Trudy [UNIVERSITY, Transactions], Vol. 159, 1965. Voprosy istoril Sibiri [Problems in the history of Siboria], no. 2.

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- BARVINOK [PERIWINKLE], Issued by TSentral'nvi May now (February 1880), I seemed it control when the kemitet Lonins'koho komunistychnoho soluvu molodi Ukrainy and Respublikans'ka rada Veesoluvnoi plones s'koi organivatsii unemi V.I. Lewina (Central Commutee of the Ukrainian Communist Youth League of Lenin and the Republic Council of the All-Union Lenin Pionevis), Kiev, no. 2, Feb. 1967.
- BELARUS' [WHITE RUSSIA]. Organ of Saluz pis'mennt-kau BSSR [Association of Writers of the White Russian S.S.R.]. Minsk, vol.24, no.3(200), Mar. 1907.
- BIAROZKA [THE I ITTLE BIRCH], Issued by Tsenti al'ny kamitel Leninskaha komunistychnaba satuza moladzi Betai ust and Rospublikanski Savet pitanerskai argani-Bern us and respublished save planers and right-zatest thata V. I. Lentra (Contral Committee of the White Russian Communist Youth League of Lenin and the Republic Council of Lenin Ploneers]. Minsk, vol. 43, no 2, Feb. 1067.
- HLIM ZHUNE FNBFK [SCIENCE AND WORK]. Issued by Central Committee of the Lenin Communist Youth Lengue of Kazakhstan and the Republic Council of Lenin Ploneers. Alum-Ata, nos. 2(74)-12(84), Feb. -Dec. 1000. [In Kazakh]
- )ADZIS [THISTLE], Riga, nos. 3(243)-4(244), 1967. [In
- RUZHNO VPERED [FORWARD TOGETHER]. Issued by Kul'turna spilka ukrains'kykh trudiashcbykh Chekhoslo-vachchyav (Cultun al. Association of the Ukrainian Workers of Czechoslovakia]. Protov, vol. 17, nos. 1(222), 3(224), Jan., Mar. 1967. [In Ukrainian]
- ADIM [INDIA] Issued by Posol'stvo Respubliki India v Moskve (Empassy of the Republic of India in Moscow) Moscow, no.6, [1960].
- APKAN, chavasaskii satiricheskii zhurnal (TRAP; Chuvash Satirical Magazine) Cheboksary, no 4(517), Fob 1967. [In Chavash]
- HORPUSHTAK [HEDCEHOG]. Dushanbe, nos.1(321)-3(323), Jan -Feb. 1967. [In Tajik]
- FTAI [CHINA] Problished by Irdatel'styo literatury na inostrannykh iaz kakh [Publishing House for Litera-ture in Porcign Languages] Pelping, nos 1-2, 1967.
- STER [CAMPFIRE]. Issued by TSentral nyi komitet Nest CAMPFILE]. Issued by Issued and Indian Mynometry Vsesdoizzungo leninskogo kommunisticheskogo somza moločezhi (Contrat Committee of the All-Union Communist Youth League of Lenin and others Leningrad, no. 2, Feb. 1957
- **OKODIL [CROCODILE] Issued by gazeta [Newspaper] "Pravda," Moscow, vol 45, nos.8(1838)-7(1837), Feb.
- RYLATI [THE WINGED ONES]. Issued by TSentral'-na upraya SUM [Central Committee of the Ukrainian Youth Association]. New York, vol.4, no.12, Dec.
- IL'TURA I ZHIZN' [CULTURE AND LIFE]. Issued by Soluz Sovetskikh obshchesty druzhby i kul'turnoi sylazi s zarubezhnymi stranami [Union of Soviet Societies for Friendsnip and Cultural Rehtions with Foreign Countries]. Moscow, vol. 11, no. 3, Mar. 1967.
- JLTUUR JA ELU [CULTURE AND LIFE], Issued by Fosti NSV Kultuurintinistoorium and Eosti NSV Ametiuhingute Noukogu [Ministry of Culture of the Estonian S.S.R. and the Council of Trade Unions of the Estonian S.S.R.], Tallinn, vol. 10, nos. 2-3, Feb.—Mar. 1967, [In Estonian]

- LIESMA [FLAME], Issued by Latvijas LKJS Centrala Fomiteja [Central Committee of the Lenin Communist Youth League of Latvia]. Riga, no. 2(107), Feb. 1967. (lu Latylan)
- MEDENIET Z.LENE TURMYS (CULTURE AND LIFE)
  ISSUED by Ministersive kullury Kazakhskoi SSR [Ministry of Culture of the Kazakh S. S. R.] Alma-Ata,
  no 2(1vi), Feb 1967. [n Kazakh]
- NOORUS [YOUTH]. Issued by Destimna Leninliku Kom-200101; YOUTH; Issued by Eestman Lemmiks Kom-munistiku Noorseouhingu Keskomitee [Central Com-mittee of the Lemin Communist Youth League of Estonia]. Tallinn, vol. 22, nos. 2(244)-3(245), Feb. -Mar. 1967. [in Estonian]
- NOVOSTI AMERIKANSKOI KUL'TURY [NEWS OF AMERICAN CULTURE] Issued by Amerikanskoe posol'stvo [U.S. Embassy] Moscow, no.57, [n d.]
- OGONEK [THE LETTLE LIGHT] Moscow, vol.45, nos 7(2068) -- 11(2072), 13(2074), Feb -Mai 1087
- OVYD. HORIZON. Published by Mykoki Denystak Publishing Co. Chicago, vol. 17, nos. 3(138)-4(139), July-Dec. 1907, Vol. 18, no. 1(140), Jan.-Mar. 1967
- PERETS' (PEPPER). Issued by Vydavnytstvo [Publishing House] 'Radians'ka Ukraina." Klev, nos 3(757)-4(758), Feb.-Mai 1987
- PIONER (PIONEER). Issued by TSentrat'nyt komitet Vsesoraznogo leninskogo kommunisticheskogo soluza molodezhi and TSentral'nyi sovel Vsesoruznoi pionerskoi organizatsii imeni V.I. Lenina (Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers) Moscow, nos 2-3, Feb.-Mar.1967.
- PIONEE [1 IONEER]. Er ivan, no.1, Jan 1967 [In Armentant
- PIONE: [PIONEER]. Issued by the Central Committee of the Turkmenistan Communist Youth League of Lenin Asikhabad, no.1, Jan 1967 [In Turkmen]
- PIOMERIA [PIONEERS] issued by Tsentral nyl komitet Lenins kolo komunistychnoko sofuzu molodi Ukrainy and Respublikans ka Rada Vsesoiuznoi pioners koi organizateil imeni V.I. Lenina [Central Commiltee of the Ukrainlan Communist Youth League of Lenin and the Republic Council of the All-Union Lenin Pioneers]. Kiev, vol 44, no 2(520), Feb. 1967
- POL'SHA [POLAND], Warsaw, no. 3(151), 1967.
- RT; obshehestvenno-politicheskii illiustrit ovannyi ezhetoward avenue-pointernoskii iliusiritovannyi exhe-nedel'nik [FT, Sociopolitical Iliusirated Weekly]. Is-sued by Komitet po radioveshchantlu i tetevidenitu pri Soveto Ministrov SSSR [Committee for Radiobi cat-casting and Television, Attached to the Council of Ministers of the U.S.S.R.] Moscow, nos. 9(39)-1141). 1657 11(41), 1967.
- RABOCHE-KREST'IANSKII KORRESPONDENT [WORK-ERS' AND PEASANTS' CORRESPONDENT WORK-ERS' AND PEASANTS' CORRESPONDENT Pub-lished by Izd-vo [Publishing House] "Prayda," Mos-cow, no.3, Mar. 1967.
- RANOK [MORNING]. Issued by Tak LESM Ukrainy [Central Committee of the Lenin Communist Youth League of the Ukraine]. Kiev, vol. 14, no. 2(166),
- RODNYE DALI [BELOVED VISTAS]. Hollywood, Calif., nos 156-157, Mar.-Apr 1967.
- ROVESNIK [CONTEMPORARY]. Issued by Tak VLKSM and Komitet molodezlmykh organizatsh SSSR [Central Committee of the All-Union Communist Youth League of Lenin and the Committee of Youth Organizations of the U.S.S.R.]. Moscow, vol.5, nos. 1(55)-2(56), Jan. Feb. 1987.
- SEL'SKAIA MOLODEZH' [RURAL YOUTH]. Issued by TSK YLKSM [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no.2, Feb.
- SHMEL' [BUMBLEBEE]. Alma-Ata, vol. 11, no.2(133), Feb.1967. [In Kazukh]
- SKYNTEIA LENINISTE (LENINIST SPARK). Issued by Moldavian Communist Youth League of Lenin. Kisht-nev, vol. 37, no. 1, Jan. 1907. [In Moldavian]
- SLUOTA [THE BROOM]. Issued by Lietuvos Komunistu partijos Centro Komiteias [Central Committee of the Communist Party of Lithuania]. Vilnius, nos. 3(288)-5(300), 1967. [In Lithuanias]

- SOGLASIE [CONCORD]. Los Angeles, Calif ,vol 16, nos. 184, 187, Jan , Apr. 1967
- SOTSIALISTYCHNA KUL'TURA [SOCIALIST CULTURE]. Organ of Ministersivo kul'tury URSR [Ministry of Culture of the Uklainian S.S.R.]. Kiev, no. 3, Mai
- SOVETSKII SOIUZ [SOVIET UNION] Moscow, nos 3(205)-4(200),1967
- SOVREMENNAIA MONGOLIIA [CONTEMPORARY MON-GOLIA] Ulan Bator, vol 11, no 1(108), Jan 1967.
- SVOBODNOE SLOVO, ezhemeviachnyi karpato-russkii zhurmi [FREE WORD, Carpatho-Russian Monthly] Newark vol. 8 no. 11 '12 (95-98), 1968
- SVYTURYS [THE LIGHTHOUSE], Vilnius, vol. 19, no. 2(431), Jan. 1967. [In Lithuanian]
- TURET [TOURET] Issued by VTSSPS [All-Union Cen-tral Council of Trade Unions) Moscow, vol 2, no.2,
- UKRAINA [THE UKRAINE] Published by Vydavnytstvo "Radians"ka Ukraina" [Publishing House "Soviet Ukraine"]. Kiev, vol 26, nos. 1(527)-10(530), Feb Mai. 1967
- URAL'SKII SLEDOPYT [URAL PATHFINDER] Issued by Sverdlovskoe oldelenie Sciuza pisatelel and Sverdlov-skie promysblennyi i sel'skii obkomy VlKSM [Sverd-lovsk Branch of the Association of Writers and the Syerdlovsk Province Industrial and Agricultural Com-mittees of the Ali-Union Communist Youth League of Lenin]. Sverdlovsk, vol 10, nos.1-2, Jan -Feb 1967
- UZBEKISTON [UZBEKISTAN]. Tashkent, vol 26, up. 1(301), Jan 1967
- VESELKA, THE RAINBOW Published by Ukrainian Na-tional Association Jersey City, vol. 14, no. 3(151), Mar 1987
- VOZHATYI [PIONEER GUIDE]. Published by TSentral'nyi komitet Vsesotuznogo leninskogo kommunistiche-skogo sotuza molodezhi and TSentral'nyi sovet Vsesoinz not pioner skot organizatell iment V. f. Lenha (Cen-tal Committee of the All-Union Communist Youth League of Lenha and the Cenhai Counch of the All-Union Lenin Pioners]. Moscow, vol. 43, no.2, Teb
- VSESVIT. THE WORLD. Issued by Spilka pys'mennykiv Ukrainy and Ukrains'ke tovatystvo druchby i kul'turtobe zv'iazku z zarubizhnymy krainamy (Association of Writers of the Ukraine and the Ukrainam Society for Triendship and Cistural Relations with Foscign Countries] Kiev, vol. 10, no. 3(105), Mar. 1967
- VYZVOL'NYISHLIAKH [LIBERATION PATH] London, vol.20, no 3(228), Mar 1957
- ZHIZN' SLEPYKH [LIFE OF THE BLIND] Organ of Vsc-10sslikue obshchestvo slepykh [All-Russian Society of the Blind] Moscow, vol.44, no.2, Feb 1967
- ZVAIGZNE [THE STAR], Riga, vol. 17, nos. 3(397)-4(398), Feb. 1987. [In Latvian]

## 2. BIBLIOGRAPHY

# e. BIBLIOGRAPHY

- BIBLOS; ZHURNAL UKRAINS'KOI BIBLIOGRAFII [JOUR-NAL OF UKRAINIAN BIBLIOGRAPHY]. New York, vol. 13, no. I(116), Jan. -Mar. 1967.
- EZHEGODNIK KNIGI SSSR, sistematicheżkii ukazatel' [AMNUAL OF SOVIET BOOKS; Classed Index]. Vot. 1865. Issued by Vscsoiuznata kniziwata palata [All-Union Book Chamber]. Moscow, 1866.
- Informatsionnyi ukazatel' bibliografiche-bkikh spekov i kartotek, sostavlennykh bibliotekami sovetskogo sotuza (informa-tion index of bibliographical liste and TION INDEX OF BIBLIOGRAPHICAL LISTS AND CARD FILES, COMPILED BY THE LIBRARIES OF THE SOVIET UNION), Issued by Gosudarstvennata biblioteka SSSR [State Library of the U.S.S.R.), Muscow, vol. 10, no.8, Apr. 1968; vol. 11, nos.3-4,6, Feb.-Mar. 1967.

- LETAPIS DRUKU BSSR, LETOPIS' PECHATI BSSR [CHRONICLE OF THE PUBLICATIONS OF THE WHITE RUSSIAN S S.R.] Issued by Dziaizbaundia biblitateka BSSR and Knizhnaa palata BSSR [State Library of the White Russian S.S.R. and the Book Chamber of the White Russian S.S.R.]. Minsk, nos 8,10, Aug., Oct. 1986.
- LETOPIS' PECHATI MOLDAVSKOI SSR [CHRONICLE OF THE PUBLICATIONS OF THE MOLDAVIAN S.S.R.] Issued by Knizhnata palata [Book Chamber], Kishinev, no 3, July-Sep 1965, publ 1966.
- MOSCOW, PUBLICHNAIA BIBLIOTEKA Informatsion-nyl blulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I Lenina, Serila 1 Fiziko-mate maticheskie i khimicheskie nauki, nauki o zemle, tekhnika i tekhnicheskie nauki (PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library, Scries 1 Physical, Mathematical, and Chemical Sciences, Earth Sciences, Technology and Technological Sciences | Vol. 12, nos. 4-9, Feb. -Mar.
- MOSCOW, PUBLICHNAIA BIBLIOTEKA, Informatsionnyi biuliteta novyki inostrannyk knig, postupushikh biblioteku imeni V.I. Lenina, Serlia 2 Biologicheskie nauk, sel'skoe i lesnoe khoziaistvo, sel'skokhoziai-stvanye i lesokhoziaistvennye nauki, zdravoch amenie, meditsinskie nauki [PUBLIC LIBRARY Information medistribute nauda [PUBLIC LIBHARY Information Bulletin of New Foreign Books, Reclived by the Lenin Library, Stries 2 Biological Sciences, Agricultura and Forestry, Agricultural and Forestry Sciences, the Health Service, Medical Sciences], Vol. 10, nos. 4-9, Feb. -Mar. 1967
- MOSCOW, PUBLICHNAIA BIBLIOTEKA, Informatsionnyl biulleten' novykh inostrannykh knig, postupivshikh v Bibliotelu imeni V. I. Lenina Scrita 3 Obshchestvennye nauki, khudozhesivennara literatura iskussivo [PUBLIC LIBRARY, Information Bulletin of New Foreign Books, Received by the Lenin Library Scries 3 Social Sciences, Belies-Lettres, Art Vol. 10, nos. 4-9, Feb. -Mai. 1967
- NAUJOS KNYGOS [NEW BOOKS]. Vilnius, no. 1(49), Jan. 1967. [In Lithuanian]
- MOVAIA LITERATURA PO BOLGARII [NEW LITERA-TURE ON BULGARIA]. Issued by Fundamental'nata biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Acad-emy of Sciences of the U.S.S.R.] and others Moscow, no.1, 1967
- NOVAIA LITERATURA PO IUGOSLAVII [NEW LITERATURE ON YUGOSLAVIA] Issued by Fundamental'nata biblitoteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others.

  Moscow, no. 1, 1967.
- NOVAIA LITERATURA PO OBSHCHIM PROBLEMAM DVALA LITERATURA PO OBSHCHIM PROBLEMAM SLAVIANOVEDENIA [NEW LITERATURE ON THE GENERAL PROBLEMS OF SLAVIC STUDIES]. Issued by Fund umental nata biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others, Moscow, no.4, 1966
- NOVAIA LITERATURA PO RUMYNII [NEW LITERATURE ON RUMANIA]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Funda-mental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscow, no. 2, 1967.
- NOVAIA LITERATURA PO VENGRII [NEW LITERATURE ON HUNGARY]. Issued by Fundamental nain bibliote-ba obstichestivennykh nauk Akademii nauk SSSR [Fundamental Librar: of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscow, no. 1, 1987.
- NOVI KNYHY URSR [NEW BOOKS OF THE UKRAINIAN S.S.R.]. Issued by Knyzhkova palata URSR [Book Chamber of the Ukrainian S.S.R.]. Kiev, nos. 29-36, Oct. -Dec. 1986, no. 1, Jan. 1987.
- NOVYF KNIGI SSSR [NEW BOOKS OF THE U.S.S.R.]. Issued by Vsesoluznoe ob''edinenie "Mezhdunarod-nala kniga" [All-Union Association "International Book"]. Moscow, nos.5-8,11, Jan.-Mar 1967,
- NOVYE KNIGI ZA RUBEZHOM. Seriia V. Biologiia, meditsina, sel'skoe knozialstvo [NEW FOREIGN BOOKS. Series V: Biology, Medicine, Agriculture], Published by Izdatel'stvo inostrannoi literatury [Pub-lishing House of Foreign Literature], Moscow, vol. 11, no. 2. Feb. 1967.

- NOVYE KNIGI ZA RUBEZHOM PO OBSHCHESTVENNYM NAUKAM, ekonomika, filosofita, istorita, mezhduna-rodnye otnoshcniia (NEW FOREIGN BOOKS ON THE SOCIAL SCIENCES, Economics, Philosophy, History, International Relations). Published by Izdatel'stvo mostrannol literatury [Publishing House of Foreign Literature]. Moscow, no. 2 Feb. 1987.
- SVODNYI BIULLETEN' NOVYKH INOSTRANNYKH KNIG, PCSTUPIVSHIKH V BIBLIOTEKI SSSR. Sei ita B. Obshchestvennye nauki [UNION LIST OF NEW FORLIGN BOOKS RECFIVED BY THE LIBRARIES OF THE U.S.S.R. Series B. Social Sciences]. Moscow, nos. 3(87)-5(89), 1966.
- V MIRE KNIG [IN THE WORLD OF BOOKS]. Organ of Gosudarstvennyi komitct Soveta Ministrov SSSR po pechati [State Committee of the Council of Ministers of the U.S.S.R. for Printing]. Moscow, vol. 6, no. 6, June 1966.

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# **b LIBRARIES & LIBRARY SCIENCE**

- AKADEMIIA NAUK SSSR. Biblioteka. Novye inostrannye knigi, katalog novysh posiuplenii. ... [ACADEMY OF SCIENCES OF THE U.S.S.R. Library. New Foreign Books, Catalog of New Accessions...] Leningrad, nos. 10(173), 12(175), 1968, no. 1(176), 1967.
- BIBLIOTE KAR' [THE LIBRARIAN]. Organ of Ministonstvo kul'tury RSFSR [Ministry of Culture of the R.S. F.S.R.]. Moscow, vol. 44, no. 2, Feb. 1967.

Table of contents translated: Nikolaeva, T., Striganov, V. - Joint action ensures

success. p. 1. Kuzretsov, E., Nikiforova, N. - Our work has begun.

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- Brief news. p. 60. Brief information notes. p. 62.
- BIBLIOTEKOVEDENIE I BIBLIOGRAFIIA: ukazateli Hieratury [LiBrarry SCIENCE AND BIBLIOGRAPHY, an Index to the Literature] Jan. -Mar., 1966. Issued by Nauchno-metodicheskii otdol bibliotekovode-niia i bibliografii Gosudar stvennoi bibliotek SSSR iment V.I. Lenina [Scientific Methodological Division of Library Science and Bibliography of the V.I. Lenin State Library]. Moscow, no. 1, 1966.
- INFORMATSHA O BIBLIOTECHNOM DELE I BIBLIOGRAFII ZA RUBEZHOM; sbonik materialov (RNFORMATION ABOUT LIBRARY WORK AND BIBLIOGRAPHY ABROAD; Malerials), Moscow, 1884, 4(16). 6(18), 1966.
- SARATOV, UNIVERSITET, Nauchnaia biblioteka, Trud [UNIVERSITY, Research Library, Transartions], No.3, 1964.

  Table of contents translated.
  Grozewskala, A.N. Theoretical and practical conforences of young librarians, p. 3,
  Gernashova, F.V. Incumabula in the Scientific Library of Saratov University, p. 11,
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## c. PRINTING & THE BOOK TRADE

KNIGA; issledovanila i materialy [THE BCOK; Studies and Papers]. Issued by Vsesoluznaia katzhania palata [All-Union Book Chamber]. Moscow, vol. 4,

Table of contents translated Table of contents translated.

Ikkovlev, B.V. - Lenin and the book; a review of materials published recently on the occasion of V.1. Lenin's 90th anniversary. p. 7.

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PECHAT' SSR, 1985, statisticheskie materialy [THE PRESS OF THE U S S.R., 1965, Slatistical Material] Issued by Vscsoluznata knizhnata paiata [All-Union Book Chambet] Moscow, 1966.

POLIGRAFICHESKOE PROIZVODSTVO [PRINTING INDUSTRY]. Or an of Ministerstvo kul'tury SSSR [Ministry of Culture of the U. S. S. R.]. Moscow, no.1, Jan.1963

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POLIGRAFIIA [PRRYTING] Organ of Gosudarstvennyl komitet Sovota Minish ov SSSR po pechati [State Committee of the Council of Ministers of the U.S.S.R. for Printing]. Moscow, no.2, Feb. 1967.

RASPROSTRANENIE PECHATI [DISTRIBUTION OF SPICESTRANEAUE PECHATI [DISTRIBUTION OF DUBLICATIONS]. Issued by Glavnoc upravionic Sotuz-pechati Ministerstva sviazi SSSR [Main Administration for the D.S.Fibot.on of Printed Matter of the Minishy of Communications of the U.S.S.R.] Moscow, no.10, 1986.

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NOVAIA SOVETSKAIA LITERATURA PO FILOSOFII [NEW SOVILT LITERATURE ON PHILOSOPHY].
Issued by Fundamental nain biblioteka obstchestvennyklı nauk Akademli nauk SSSR [Fundamental Libral y
of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 1, 1967.

RUSSIA (1923 - U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovania. Naucimye doklady vysshei shkoly, filosofskie mauki [Ministry of Higher vysshel shkoly, filosofskie nauki [Ministry of Higher and Secondar y Specialized Education, Research Papers of Higher Schools, Philosophical Sciences]
Moscow, vol. 4, no. 1, 1961.

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- TASHKENT, UNIVERSITET, Nauchn, a trudy [UNIVER-SITY, Sudies], No. 279, 1965, Filosofskie nauki [Philosophical Sciences], no. 8, Problems of materialis-tic dialecties and the criticism of bourgeois ideology.

  - tic dialectics and the criticism of bourgeois ideology.

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- the U.S.S.R. | Moscow, vol. 21, no. 1, 1987

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  - Table of contents translated:
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- HOLOS SPASYTELIA. REDEEMER'S VOICE Issued by Ottsi Redemptorysty [Redemptor ist Fathers] York-ton, Canada, voi J8, no 6, June 1966, voi 39, no.1, 7an 1967
- LIUDYNA I SVIT [MAN AND THE WORLD] Issued by Tovarystvo "Zhanma" Uku ains'koi RSR ["Knowledge" Society of the Uku aiman S.R.]. Kiev, voi 7, nos. nos 2(77)-3(78), Feb -Mar 1987
- NAUKA I RELIGIA [SCIENCE AND RELIGION] Issued by Vsesoluznoe obstichestvo "Zuanlo" ["L $n^-$  lea  $\epsilon^{\alpha}$  All-Union Society]. Moscow, vol. 9, no. 2, 1997
- ORTHODOX EASTERN CHURCH, RUSSIAN, Patriarch, Zhurnal Moskovskoi Patriarkhii [Journal of the Mos-cow Patriarchate], Moscow, no. 12, 1966.
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  OF ATHEISM AND RELIGION]. Insued by Fundamental nata biblioteka obsid bestvermykin nauk Akademin nauk SSSR [Fundamental Libi ary of Social Eclences of the Academy of Sciences of the U.S. S. H.].
  Moscow, no. 1, 1967.
- PYTANNIA ATEIZMU [PROBLEMS OF ATHIESM]. Kylv, no. 1, 1965,
- Kviv, no. 1, 1995.

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- RUSSKO-AMERIKANSKII PRAVOSLAVNYI VESTNIK THE RUSSIAN AMERICAN ORTHODOX MESSENGER. Organ of Mitt opolichit okrug Russkol Pravoslavnol Tšorkvi v Amerike [Motropoliteiste of the Russia Orthodox Church in America]. New York, vol. 62, nos. 8, 12, Aug., Dec. 1960; vol. 03, no. 2, Feb. 1967.
- RUSSKOE STUDENCHESKOE KHRISTIANSKOE DVIZIBE-NIE. Vestnik [RUSSIAN STUDENTS' CHRESTIAN MOVEMENT. Messenger]. Paris, nos. 80, 82, 1960
- SVITLO, THE LIGHT, Issued by OO. VasyHiany [The Basilian Fathers]. Toronto, vol 29, nos. 5(521), 10(526)-12(529), May, Oct. -Dec. 1986; vol. 30, nos. 2(530)-3(531), Feb. -Mar. 1967.
- TSERKOVNYI VESTNIK [CHURCH HERALD]. Organ of Pravoslavnaia tserkov' v Pol'sho [Orthodox Church in Poland]. Warsaw, vol. 14, no. 1, Jan. 1967.
- UKRAINS'KE PRAVOSLAVNE SLOVO, UKRAINIAN OR-THODOX WORD. Organ of the Ukrainian Orthodox Church of the United States of America. South Bound Brook, N.J., vol.18, nos.3-4, Mar. -Apr. 1067.

## 4. HISTORY

### a. GENERAL

- AKADEMIIA NAUK SSSR. Institut istorii, Vestnik drevnei istorii [ACADEMY OF SCIENCES OFTHE U. S. S. R. Institute of History. Review of Ancient History]. Magrow, no. 4(98), 1868.
  - Table of contents translated, IVsifov, IU. B. "Fraternity" contracts in Elam.
  - p. 3.

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- NOVAIA INOSTRANNAIA LITERATURA PO ISTORII, ARKHEOLOGII I FTNOGRAFII [NEW FOREIGN LITERATURE ON HISTORY, ARCHATOLOGY, AND LTHNOGRAPHY]. Issued by Fundamental maia bibliote-ka obshchestvennykh nauk Akademii nauk SSSR [Funda-mental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscow, no.1, 1967.
- PALESTINSKII SBORNIK (PALESTINE REVIEW), Issued by Rossiiskoe palestinskoe obshchestvo (Russian Pa-testine Society), Moscow, no.15(78), 1968, History and philology of the Near Fast.
  - Table of contents translated; Academician V. V. Siruve, an obituary. p. 3. Berley, O. D. The ancient Egyptian unit of value,
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- PREPODAVANIE STORII V SHKOLE [TEACHING HISTORY IN SCHOOLS] Issued by Ministerstvo prosveshelenia RSFSR [Ministry of Education of the R.S. F.S.R.] Moscow, no.2, Mar.-Apr. 1987.
- SOVETSKOE SLAVIANOVEDENIE (SOVIET SLAVIC STUDIES]. Issued by Institut slavianovedenita Akademii nauk SSSR [Institute of Slavic Studies of the demit nauk SSSR [Institute of Slavic Studies of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 1, 1987,

  Table of contents translated:
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  The most significant articles and materials on the
- The most significant articles and materials on the present-day situation, history, culture, and language of the Slavs in foreign countries published in Soviet periodicals in July-September 1960, p.100. Slavic studies published in foreign periodicals, p.107. I. K., A session devoted to the millenium of the Polish
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- DENNO-ISTORICHESKII ZHURNAL [MILITARY HISTORY JOURNAL]. Organ of Ministersive oberony SSSI [Ministry of Defense of the U. S. S. R.]. Moscow, vol. 9, no. 1, Jan. 1967.

  Table of contents translated: Grudinin, I. Dialectical correlation of objective and subjective factors during a war. p. 3.

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- VOPROSY ISTORII [PROBLEMS OF HISTORY], Issued by Oldelenie istorit Akademii nauk SSSR and Mini-ster sivo vysslego i sredngo spetsial'nogo obraco-vanila SSSR [Department of History of the Academy of Sciences of the U.S.S.R. and the Ministry of the Academy of Sciences of the U.S.S.R. and the Ministry of Higher and Secondary Specialized Education of the U.S.S.R. ], Moscow, vol 42, no.1, Jan. 1967
  - Table of contents it anslated; Minis, I.I. The first constitutional crisis in Russia

  - Minis, I.I. The first constitutional crisis in Russia in April 1917. p. 3. Sycheva, A. S. How unemployment was eliminated in the U.S.S.R. p. 27. Chercephin, L. V. Aleksandr Blok and history. p. 37. Zhigalov, I.I. Great Britain and the "Common Market," 1961-1963. p. 60. Neusykhin, A. I. Prefeudal period as the transitory phase in development from the fibal system to early feudalism. p. 75. Kozlov, V. I. Some problems in the theory of nationallities, p. 38.

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## **6 ARCHAEOLOGY & ANTIQUITIES**

- ARHEOLOGIJA UN TTNOGRAFIJA [ARCHAEOJ OGY AND ETHNOGRAPHY], Issued by Latvijas PSR Zinatnu akademijas Vestures instituis [instituis of History of the Academy of Sciences of the Latvian S.S.R.], Riga, vol. 7, 1006, [in Latvian]
- SOVETSKAIA ARGIEOLOGIIA [SOVIET ARCHAEOLOGY], Issued by Institut arkheologii Akadomit nauk SSSR Institute of Archaeology of the Academy of Sciences of the U.S.S.R.]. Moscow, no.5, 1966. Table of contents translated:
  - At V. I. Lenin's beheat, There were no problems of little importance during the revolution, p. 3. Proparing for the 50th anniversary of the Soviet
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# 5. SOCIAL SCIENCES

#### a. COMMERCE

- BUKHGALTERSKII UCHET [ACCOUNTING], Issued by Ministerstvo (inansov SSSR [Ministry of Finance of the U.S.S.R.] Moscow, no.12, Dec. 1966,

  - the U.S.S.R.] Moscow, no.12, Dec. 1966.

    Table of contents translated.

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- KOOPERATOR KAZAKHSTANA [THE COOPERATIVE WORKER OF KAZAKHSTAN]. Issued by Soluz potrobitel's the hobsichest Kazakhskoi SSR [Association of Consumer Societies of the Kazakh S, S. R.]. Alma-Ata, vol 9, no 1, Jan. 1987
- NOVYE TOVARY, informatistonnyi biulleten' [NEW CONSUMER GOODS, information Bulletin], Moscow, no. 11, 1965, no. 1, 1967.
- SOVETSKALA TORGOVLIA [SOVIET COMMERCE].
  Issued by Gosudarstvennyi komitet Soveta Ministrov
  SSER po torgovie [State Committee of the Council of Ministers of the U.S.S.R. for Commerce]. Moscow, vol. 40, no. 12, Dec. 1966.
  - Table of contents translated
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- VNESHNIAIA TORGOVIJA [FOREIGN TRADE]. Organ of Ministerstvo vneshnel torgovil SSSR [Ministry of For-eign Commerce of the U.S.S.R.]. Moscow, vol.40, no.11, 1968.

  - no. 11, 1966.

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  - Table of contents translated; Procure more pointors, vegelables, and fruit. p. Borodaychenko, L. - Land improvement and alate deliveries. p. 3.
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Transactions]. No.1 (8), 1966.
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LIAUDIES UKIS [THE NATIONAL FCONOMY]. Issued by Lietuvos TSR Valstybine plano komisija [State Planning Commission of the Lithuanian S. S. R.] and others, Vibrius, nos. 2(100) -3(101), Feb. -Mar. 1967. [In Lithuanian]

MATERIAL'NO-TEKHNICHESKOE SNABZHENIE [SUP-PLY OF MATERIALS AND EQUIPMENT]. Organ of Gosudarstvennyl komitet Seveta Ministi ev SSSR po-material'no-tekhnicheskomu snebyhenitu (State Com-mittee of the Council of Ministers of the U.S. S. R., for the Supply of Materials and Equipment]. Moscow, vol. 1, no. 4, Oct. 1966.

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NARODNOE KHOZIAISTVO KAZAKIISTANA [THE NATIONAL ECONOMY OF KAZAKIISTAN]. Issued by Gosplan Kazakhiskoi SSR [State Planning Commission of the Kazakhis, S.S.R.]. Alma-Ata, vol. 24, no. 11, Nov. 1966.

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Table of contents translated:
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NOVAIA INOSTRANNAIA FKONOMICHESKAIA LITEITA-TURA [NEW FOREIGN ECONOMIC LITERATURE] Issued by Fundamental nata biblicteka obsilelestven-nykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscow, no. 1, 1967.

NOVAIA SOVETSKAIA EKONOMICHFSKAIA LITERATURA [NEW SOVIET ECONOMIC LITERATURE], Issued by Fundamental Inata bibliotoka obshchestvonnykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.], Moscow, no. 12, 1968.

PLANOVOE KHOZIAISTVO [PLANNED ECONOMY].
Issued by Gosplan SSSR and SNKh SSSR [State Planning Committee of the U.S.S.R. and the Economic Coencil of the U.S.S.R.]. Moscow, no. 2, Feb. 1967,
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- RAILWAY COOPERATION ORGANIZATION. Biulleten' Organizatail sotrudnichesiva zheleznykh dorog OSZhD [Bulletin]. Warsaw, vol. 3, no 4, 1960
- REFERATIVNYI SBORNIK EKONOMIKA PROMYSIILLN-NOSTI [JOURNAL OF ABSTRACTS ECONOMICS OF INDUSTRY]. Issued by Vescoiu nyi institut nauchnoi i tekhnicheskoi informatsii [All-Union Institute of Sci-entific and Technical Information]. Moscow, no. 2, 220, 1887 Peb. 1967.
- RUSSIA (1923 U.S.S.R.) Ministerstvo vysshego i sredungo spetsial'nogo obrazovanija. Nauchnye doklady vysshej sikoly, chonomichoskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools, Economics] Moscow, vol. 4, no. 1, 1961.

  Table of contents translated.

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- VESTNIK STATISTIKI [STATISTICAL REVIEW]. Organ of TSentral noc statisticheskoe upraylente SSSR [Central Statistical Administration of the U.S.S.R.].
  - Moscow, no.1, 1967.
    Table of contents translated;
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- VOPROSY EKONOMIKI [PROBLEMS OF ECONOMICS]. prosy EKONOMIKI [PROBLEMS OF ECONOMICS].
  Issued by Institut ekonomiki Akademii nauk SSSR
  [institute of Economics of the Academy of Sciences of
  the U.S.S.R.]. Moscow, no. I. Jan. 1967.

  Table of contents translated:

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## c. FINANCE

FINANSY SSR [FINANCE OF THE U.S.S.R.]. Issued by Ministorstvo finansov SSSR [Ministry of Finance of the U.S.S.R.]. Moscow, vol. 40, no. 12, Dec. 1966.

Table of contents translated:
Editorial: Year of labor exploits. p. 3.
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- Tatsii, G. Improve the training of specialists in thance and credit. (b.21). Turctskii, Sh. Price and its role in the system of the economic methods of management (b.28). Mollakov, D. Payment for production funds and the turnover tax (b.11) products of construction (b.11) products of the products of construction (b.11) products of the construction of potential lities (b.11) products of the construction of the constru

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## d. LABOR

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- SOTSIALISTICHESKII TRUD [SOCIALIST LABOR]. Issued by Gosudarsivennyi komitet Soveta Ministrov SSSR po voprosam truda i zarabotnol platy [State Committee of the Council of Ministers of the U.S.S. R. on Labor and Wage Problems]. Moscow, vol.12, no.1, Jun.1967.

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#### e. SOCIOLOGY

- KAZACH'IA ZHIZN' [COSSACK LIFE] Issued by Vtorot otdol Kazach'e-amerikanskogo naroduogo sofuza [Second Division of the Cossack American National Allance, Inc.]. Providence, R. I., vol. 14, no. 164, Oct. 1966
- KAZAKSTAN EIELDERI [KAZAKISTAN WOMAN] Alma-Ata, no 2, Feb 1967 [In Kazaklı ]
- KOMSOMOL'SKAIA ZHIZN' |LIFE OF COMMUNET YOUTH]. Issued by TSentral'nyl konittel Vsesoluzno-go lennskogo kommunisticheskogo soluza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin] Moscow, nos 4-5, Feb -Mai . 1967.
- NASHE ZHYTTIA. OUR LIFE. Issued by Soinz uki dinok Ameryky [Uka initan National Women's League of Amenica, Inc.] Philadelphia, vol 23, no. 10, Nov 1966, vol 24, nos. 2-3, Feb. Mar. 1967
- NOUKOGUDE NAINE [SOVIET WOMAN]. Issued by FKP Keskkomitee [Cent.t.1 Committee of the Com-muntst Party of Estonia]. Tallinn, vol. 23, nos. 2-3, Feb. -Mar. 1967. [In Estonian]
- PADOMJU LATVIJAS SIEVIETE (WOMAN OF SOVIET LATVIA], Issued by Latvijas Komunistikas partijas Centrala Komiteja [Central Committee of the Com-munist Party of Latvia]. Riga, no. 2(174), Feb. 1967.
- RADIANS'KA ZHINKA [SOVIET WOMAN]. Kiev, vol.22, no.2(254), Feb 1987.
- SMENA [THE YOUNGER GENERATION] Organ of TSentral nyi komitet Vsesoiuznego leninskogo kommunisticheskogo soluza mołodezhi [Central Committee of the All-Union Communist Youth League of Lonin] Moseow, vol 44, nos 5(955)-6 (956), Mar 1967.
- SOVET TURKMENISTANYNYN AIALLARY [SOVIET TURKMENISTAN WOMAN] Organ of TSK KP Turk-menistan [Central Committee of the Communist Party of Turkmenistan]. Ashkhabad, no 1(103), Jan. 1907
- SOVETSKAIA ZHENSHCHINA (SOVIET WOMAN). Organ of Komitet sovetskith zbenshchin and Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Schuzov [Commit-tee of Soviet Women and the All-Union Central Council of Trade Unions]. Moscow, vol.23, no.4, 1967.

## 6. POLITICAL SCIENCE

- AGITATOR, Issued by TSentral'nyi Komitet Kommuni-sticheskoi parlii Sovetskogo Soiuza [Central Commit-tee of the Communist Party of the Soviet Union], Moscow, no. 17, Sep. 1982
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- BLOKNOT AGITATORA [THE AGITATOR'S NOTEBOOK]. Espace And Later [110 AGLIATOR'S NOTEROOK].

  Issued by Oldel propagandy I agliated Kurskogo obkoma

  KPSS [Propaganda and Dissemination Section of the

  Kursk Province Committee of the CPSU]. Kursk,

  no. 1, Jan. 1967.
- BLOKNOT AGITATORA [THE AGITATOR'S NOTEBOOK]. Issued by Otdel propagandy i agitatsii Tsentral'nogo Komiteta Kommunisticheskoi partii Belorussii [Propaganda and Dissemination Section of the Central Contmittee of the Communist Party of White Russia], Minsk, Spetsial'nyi vypusk [Special Issue], 1906.
- BLOKNOT AGITATORA [THE AGITATOR'S NOTEBOOK].
  Issued by Otdel propagandy i agitatsii Tscatral'nogo
  Komileta Kommunisticheskol partii Ukrainy [Propaganda and Dissemination Section of the Content
  mittee of the Communist Party of the Ukraine]. Kiev, no, 3, Feb. 1967.
- BLOKNOT AGITATORA [THE AGITATOR'S NOTEBOOK]. Issued by Viddil propagandy i agitatsii TSentral'noho Kontifetu Komunistychnoi partii Ukrainy [Propaganda and Dissemination Section of the Central Committee of the Communist Party of the Ukraine]. Kiev, nos. 2, 4-8, Jan. -Mar. 1987. [In Ukrainan]

- CHASOVOI [THE SFNTRY]. Organ of Rossifskoe mateio-nalinee dvizhente [Russian National Movement] Brussels, no. 499(3), Mar. 1967.
- FI STI KOMMUNIST [COMMUNIST OF ESTONIA], Issued by Eastimaa Kommunistliku Partei Keskkomitee [Central Committee of the Communist Party of Estonia], Taltina, vol. 23, no. 3, Mar. 1967. [In Estonian]
- KAZAKSTAN KOMMUNISI [COMMUNIST OF KAZAKII-STAN] Issued by the Communist Party of Kazakhstan Alma-Ata, no 2, Feb 1967 [In Kazakh]
- ROMMUNIST (COMMUNIST), Issued by TSential'nyl Konitet Rommunisticheskoi partii Litty [Contial Committee of the Communist Party of Lithuania], Vilnius, no.3(513), Mar. 1967.
- KOMMUNET [COMMUNET] Organ of the Central Committee of the Communist Party of Kirghizia Frunze, vol 41, no.2, Feb 1967
- KOMMUNIST BELORUSSH [COMMUNIST OF WHITE RUSSIA]. Issued by TSentral'nyi Komillet Kommunisit-cheskol partit Belorussii [Central Committee of the Communist Party of White Russial. Minsk, vol. 40, no. 2, Feb. 1987.

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- KOMMUNIST SOVETSKOI LATVII [COMMUNIST OF SOVIET LATVIA], issued by Tšentral'nyi Komitel Kommunistichoskoi partii Latvii [Central Committee of the Communist Party of Latvia], Riga, vol. 22, no. 2, Feb. 1967,
- KOMMUNIST UKRAINY [COMMUNIST OF THE UKRAINE]. Issued by TSenti all nyi Komitet Komunistychnol partii Ukrainy [Central Committee of the Communist Party of the Ukraine]. Klev, vol. 36, no. 9, Sep. 1980. Table of contents iranslated:
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- KOMUNIST UKRAINY [COMMUNIST OF THE UKRAINE] Issued by TSentral hyl Kontlet Kommisty hnol partil Ukrainy [Central Committee of the Communist Party of the Ukraine] Kiev, vol 41, no 2, Feb 1967. [In Ukrajnian)
- KOMUNISTAS [COMMUNIST], Issued by Lietuvos Komu-nistu partijos Centro Komitelas [Central Committee of the Communist Party of Lithuania], Vilnius, no. 2(512), Feb. 1987. [In Lithuanian]
- MEZHDUNAR ODNAIA ZHIZN' [INTERNATIONAL LIFE]. Published by Vsesoluznoe obshchestvo "Znanie" ["Knowledge" All-Union Society]. Moscow, vol. 14, no. 2, 1967.

  Table of contents translated:

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- MOLODOI KOMMUNIST [THE YOUNG COMMUNIST], fesued by TSentral nyi Komitet Veescieznego lentraskogo kommunisticheskogo soteza melodozki [Contral Committee of the All-Union Communist Youth Langue of Lentra], Moscow, no. 6, June, 1981,
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Tashkent, no.12, Dec.1966; no.2, Feb.

PARTHNAIA ZHIZN' [PARTY LIFE]. Issued by TSentral'nyi Komitet Kommunisticheskot partii Sovet-skogo Sotuza (Central Committee of the Communist

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Table of contents translated: The Pictum of the Central Committee of the CPSU

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PARTIINAIA ZHIZN' KAZAKHSTANA [PARTY LIFE OF KAZAKHSTAN]. Issued by TSentral'nyl Komitet KP Kazakhstana [Central Committee of the Communist Party of Kazakhstan]. Alma-Ata, vol.37, no.1, Jan. 1967.

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POLITICHESKOE SAMOOBRAZOVANIE [POLITICAL SELF-EDUCATION] Issued by TSentral'nyi Konatel Kommunisticheskoi partii Sovetskogo Soiwa [Central Committee of the Communist Party of the Soviet Union], Moscow, vol. 11, no. 3, 1087.

PROBLEMY MIRA I SOTSIALIZMA [PROBLEMS OF PEACE AND SOCIALISM]. Prague, vol. 10, no. 3(103), Mar, 1967.

RUSSKOE DELO, RUSSIAN CAUSE. Issued by Predstavitel'stvo rossitskikh emigrantov v Amerike (Russian Immigrants) Representativo Association in America]. New York, vol.8, no.11(95), Nov.1966, vol.9, nos.1(97)-3(99), Jan.-Mar.1907.

Turkmenstan kommunisti [communist of turk-MENISTAN]. Organ of the Central Committee of the Communist Party of Turkmenistan. Ashkhabad, no.1, Jan.1967. [In Turkmen]

UZBEKETON KOMMUNISTI [COMMUNIST OF UZBEKI-STAN]. Issued by the Central Committee of the Com-munist Party of Uzbekistan. Tashkent, vol. 38, no. 12, Dec. 1966. [In Uzbek]

VAHETAME MOTTFID [EXCHANGE OF EXPERIENCE]. Issued by Eestimaa Kommunistilku Partel Keskkomitee Ideoloogilise Too Osakond [Ideological Section of the Central Committee of the Estonian Communist Party], Tallian, no. 6, 1986. [In Estonian]

VISNYK. THE HERALD. Organ of Organizatila obolo-ny chotyr'okh svobid Ekrainy [Organization for Defense of the Four Freedoms for the Ukraino, Inc.]. New York, vol. 20, no. 7/6 (209-210), July-Aug. 1968; vol. 21, no 2(216), Feb. 1967

VOPROSY ISTORII KPSS [PROBLEMS IN THE HISTORY OF THE CPSU]. Organ of Institut markstzma-leniniz-ma pri TsK KPSS [Institute of Marxism-Leitinism, Attached to the Contral Committee of the CPSU]. Moscow, vol. 11, no. 2, Fcb. 1867.

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LATVIAN S. S. R. Augstaka Padome. Zinotajs [Supreme Soviet, Gazette]. Riga, nos. 1-5, 7-10, Jan. -Mar. 1967.

LITHUANIAN S.S.R. Vedomosti Verkhovnogo Soveta i Pravitel'stva Litovskoi Sovetskoi Sotsialisticheskoi Respubliki [Gazette of the Supreme Soviet and the Government of the Lithuanian S.S.R.]. Vilnius, no. 36, Dcc. 1966, nos. 1-3, Jan. 1967

LITHUANIAN S.S.R. Lietuvos Tarybu Socialistines Respublikos Auksclausiceios Tarybos ir Vyriausybes zinios (Gazette of the Supreme Soviet and the Govern-ment of the Lithuanian S.S.R.). Vilnius, nos.1-3, Jan. 1967. [In Lithuanian]

RUSSIA (1917 - R.S. F.S.R.) Verkhovnyl Sovet. Vedo-mosti Supreme Soviet. Gazette]. Moscow, nos. 8(438)-12(442), Feb. -Mar. 1987.

RUSSIA (1917 - R.S. F.S.R.) Verkhovnyi Sud.
Biulieten' [Supreme Court Bulletin]. Moscow, no. 2,

RUSSIA (1923 - U.S.S.R.) Verkhovnyi Sovet, Vedomosti (Supreme Soviet, Ga ettel, Moscow, vcl. 30, nos. 9(1355)-12(1354), Mar. 1967.

SOTSIALISTICHESKAIA ZAKONNOST' (SOCIALIST LE-JIGHALIS HULESKAIA ZAKONNOST' ISCOLALIST LEGALITY]. Organ of Prokuratura SSSR and Verkhovnyl Sud SSSR [Office of the Public Prosecutor of the U.S.S.R. and the Supreme Court of the U.S.S.R., and the Supreme Court of the U.S.S.R., ], Moscow, vol. 38, no. 7, July 1961.

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ISSIA (1923 - U.S.S.R.) Ministerstvo vysshego i sied-nego spetisial nego obrazovanila. Biulletn' [Ministry of Higher and Secondary Specialized Education. Eul-letin]. Moscow, no. 2, Feb 1967. RUSSIA (1923-

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SOVETSKAIA PEDAGOGIKA [SOVIET PEDAGOGY]. Jerush M. P. Mademin pedagogleheskilch nack RSI'sti [Academy of Pedagogleaf Sciences of the R. S. F. S. R. ]. Moscow, vol. 31, no. 1, Jan. 1967. Table of contents translated Soviet schools at a new stage, p. 3, Menchinskala, N. A., Saburova, G. G. - Questions of

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  - Moscow, vol. 9, no. 3, May-June 1966,
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## **b** PHYSICAL EDUCATION & GAMES

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- FIZKUL'TURA I SPORT [PHYSICAL EDUCATION AND SPORTS] Organ of Soinz Sportyvnykh tavatystv I organizatsii URSR [Union of Spotts Associations and Organizations of the Uktalman S.S.R.] Kiev, no 2(842), Feo 1987. [In Ukrainian]
- KEHAKULTUUR [PHYSICAL CULTURE], O. gan of Eesti NSV Spordiubingute ja -organisatsioonide Lilit [Union of Sports Associations and Organizations of the Estodian S.S.R. ]. Tallinn, vol. 28, nos. 2(563)-5(566), Jun.-Mar. 1987. [In Estonian]
- LEGRAM ACLETIKA PRACK AND PIELD ATHLETICS). Organ of TSentrallayi sovet Soinza sportivnykh ob-shebesty i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U.S.S.R.]. Moscow, vol 12, nos.2(141)-3(142), Feb.-Mar.1907
- SHAKHMATNYI BIULLETEN' [CHESS BULLETIN]. Organ of Shakhmatnata federatsin SSSR [Chess Federation of the U.S.S.R.] Moscow, vol 13, no.2, Feb. 1967.
- SHAKHMATY [CHESS]. Issued by Soluz sportivnykh obshebesty i organizatshi and Shakhmatnata federatsha Lalvhiskol SSR [Union of Sports Associations and Organizations and the Chess Federation of the Lalvian S.S.R.]. Riga, nos. 2(170)-3(171), Jan. -Feb. 1967.
- SHAKHMATY V SSSR [CHESS IN THE U.S.S.R.]. Organ of Shakhmatraia federatsiia SSSR [Chess Federation of the U.S.S.R.] Moscow, no.2, Feb. 1967.
- SPORT V SSSR [SPORTS IN THE U.S.S.R.]. Issued by the Periodical "Sovetskii Soluz" ["Soviet Union"] Moscow, no.3(49), 1967.
- SPORTIVNAIA ZHIZN' ROSSII [SPORTS LIFE IN RUSSIA]. Olgan of Vserosslickil sovet Soluza sportivnykh obshchestv i organizatsii [All-Russian Council of the Association of Sports Societies and Organizations]. Moscow, vol 11, no. 3, 1067
- SPORTIVNYE IGRY [ATHLETIC GAMES]. Organ of TSentral'nyl sovet Soluza sportivnykh obshchestv i organizatsii SSER [Central Council of the Association of Sports Societies and Organizations of the U.S.S.R.]. Moscow, vol.13, no.2(141), Feb. 1067.
- START. Organ of Rada Soluzu sportyvnykh tovarystv i organizatsii Ukratna koi RSR-Council of the Union of Sports Associations and Organizations of the Ukraintan S.S.R.]. Klev, no. 2, Feb. 1967.
- TEORIIA I PRAKTIKA FIZICHESKOI KUL'TURY [THE O-RY AND PRACTICE OF PHYSICAL CULTURE]. RY AND PRACTICE OF PAYSICAL COLITORS.

  Organ of Tsontral by Boyet Soluza sportlynykh
  obshchesty i organizateti SSSR [Central Council of the
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- NOVYNY KINOEKRANU [CINEMA NEWS]. Klov, no. 2(67),
- SOVETSKII EKRAN [THE SOVIET SCREEN] Organ of Komitet pekinemategrafii ptl Sovete Ministrev SSSR and Soluz kinemategrafistav SSSR [Committee for Mo-tion Pictures, Attached to the Council of Ministers of the U.S.S.R., and the Union of Motion-picture Workers of the U.S.S.R.]. Moscow, nos.3(243)-5(245), Feb.— Mar. 1887 Mar, 1087,
- SOVETSKII FILM [SOVIET FILMS] Issued by Vac-soluzines obledimente [All-Union Association] "Sovek-sportfilm" Moscow, no.1, 1987

## **b. MUSIC**

- MUZYKAL'NAM ZHIZN' [MUSICAL LIFE]. Organ of Soiuz kompozitorov SSSR and Ministersivo kul'tury SSSR [Association of Composers of the U.S.S.R. and the Ministry of Culture of the U.S.S.R.]. Moscow, vol.10, no.5(223), Mar.1967.
- 80VETSKIE DOLGOIGRAIUSHCHIE GRAMPLASTINKI [SOVIET LONGPLAYING PHONORECORDS]. Moseow, nos. 8, 8-12, 1865, nos. 1-2, 1986.

# c. THEATER

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- SOVETSKAIA ESTRADA I TSIRK (SOVIET STAGE AND CIRCUS) Organ of Ministersite Fullury SSSR (Ministry of Culture of the U.S.S.R.) Moscow, no.3(114), Mix 1967
- TEATRAL'NAIA ZHIZN' [LIFE OF THE THEATER] Or-gan of Munisterstvo Fultury RSFSR [Ministry of Cul-ture of the R S F S R ] and others Moscow, vol 10, nos 4(206)-6(208), Feb -Mar 1967

## 10. FINE ARTS

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- ISKUSSTVO [ART]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.] and others. Moscow, vol. 29, no. 12, 1986.

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- KUNST JA KODU [ART AND DAILY LIVING], Talling, no 2, 1967. [In Estonian]
- LENINGRAD, ERMITAZH, Soobshchendia [HERMITAGE, Reports], Vol. 27, 1986,
- Reports]. Vol. 27, 1966.

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- NOTATKY Z MYSTETSTVÁ. HKRAINIÁN ART DIGEST. Issued by Ob"iednamia mysitsiv ukrainisiv v Amerytsi [Ukrainian Artists Association in U.S.A.]. Philadelphia, no.5, Nov 1966
- SOVETAKAN ARVEST [SOVIET ART]. Issued by Ministerstvo kullury Armianskoi SSR and Gosudarstvonnyi komitet Soveta Ministrov Armianskoi SSR po kinematografti [Ministry of Culture of the Armenian S.S.R. and the State Committee of the Council of Ministers of the Armenian S.S.R. for Motion Pictures], Erivan, no. 1, 1967. [In Armenian]

- SOVETSKOE FOTO [SOVIET PHOTO]. Issued by Solar zing natistov SSSR [Association of Journalists of the U.S.S.R.]. Moscow, no.3, Mar. 1967
- TVORCHESTVO [CREATIVE WORK] Island by Soluz Fludozimikov SSSR [Association of Artists of the U S S.R. | Moscow, no 2(122), 1967

## **b. ARCHITECTURE**

- ARKHITE KTURA SSSR [ARCHITECTURE OF THE U.S.S. R. ]. Organ of Gosudarstvennyl komitet pagrazhdanskomu stroitel'stvu i arkhitekture pri Gosstioo SSSR and Soluz arkhitektor oy SSSR [State Committee for Public Construction and Architecture.] Attached to the State Planning Committee of the U.S.S.R., and the Association of Architects of the U.S.S.R.]. Moseow, no.1, 1967

  - U.S.S. R. ]. Moscow, no. l. 1967
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- CHITUS JA ARHITF NTUUR [CONSTRUCTION AND ARCHITFCTURF]. Insued by FNSV Ministrite Noukogu Rilklik Fhituse ja Arhitektuuri Komitee [State Committee of the Council of Ministors of the Estonian 5.8. R. for Construction and Architecture] Tallium, no. 3.5, 1964. [In Pstoxian]
- LIFTUVOS TSR AUKSTUJU MORYKLU MORSLO DAR-BAI- STATYBA IR ARCHITEKTURA, Nauchaje (clob vysshikh uchebnykh zavedenii Litovskoi SSR Strote P stvo i arkhitekhu a [STUDH S BY THE INSTRIBUTO N OF HIGHER LFARNING OF THE LITHUANIAN S. S. R. CONSTRUCTION AND ARCHITECTURE ]. VIbrium, vol. 5, no. 1, 1966.
- STROITE L'STVO I ARKHITEKTURA [CONSTRUCTION AND ARCHITECTURE]. Issued by Gosadar strengt komitet pe delam stroitel'stva Ulcrainskel SSR and Solay arkhitektorov Uk alny [State Committee for Construction in the Ukrainian S.S.R., and the Association of Architects of the Ukraine]. Klev, vol. 15, pp. 1–20, 140, 1969. no. 1, Jan. 1067.
- no. J. Jan. 1997.

  Table of contents translated 
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- STROITEL'STVO I ARKHITEKTURA LENINGRADA [CONSTRUCTION AND ARCHITECTURE IN LENIN-GRAD]. Organ of Ispointel'nyl komitet Leningrad-Executive Committee of the Leningrad City Soviet of Workers' Deputies and others. Leningrad, vol. 28, no. 5, May 1966.

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INOZEMNÁ FILOLOGIIÁ (POREIGN PHILOLOGY). Leaund y Ministerator (1 Octavor Incorpor).
Leaund by Ministerator vyshchol I serect of spetial Incl cavity URSR and Livive kyl derzhavayi universite [Ministry of Higher and Secondary Special-ized Education of the Ukrainian S.S.R. and the Lvoy State University]. Lvoy, no. 8, 1906.

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- KALBOS KULTURA [SPEECH CULTURE]. Issued by Lietuvos TSR Mokslu akademijos Lietuviu kalbos u literaturos institutas [Institute of the Lithuanian Lan-cuage and Literature of the Academy of Sciences of the Lithuanian S.S.R.] Vilnius, vol. 10, 1966 [In
- KEEL JA KIRJANDUS (LANGUAGE AND LIFERATURE). Issued by Festi NSV Traduste Akadeemia and Testi ASV Kirjanile Lint (Academy of Sciences of the Estonian S.S. R., and the Association of Writers of the Estonian S.S. R.) Tallinn, vol. 10, nos. 2-3, Feb. Man. 1967 [In Estonian]
- LEKSYKOLOGIIA TA LEKSYKOGRAFIIA [LEXICOLOGY AND LEXTCOGRAPHY]. Issued by Akademilia nauk Uka ains koi RSR [Academy of Sciences of the Ukrain-ian S.S.R.]. Kiev, no. 2, 1906.
- ian S. R. ]. Kiev, no. 2, 1906.

  Table of contents translated:
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- MOSCOW, UNIVERSITET, Oddelenie strukternoj i priklad-noj lingvisiti. Puolikatsii [UNIVERSITY, Depart-ment of Structural and Applied Linguistics, Publica-tions]. Moscow, no.1, 1965. Theoretical problems of applied linguistics.
  - applied linguistics.

    Table of contents translated

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- NAUKOVL ' OVARYSTVO IMENI SHEVCHENKA Zapysky SHEVCLENKO SCIENTIFIC SOCIETY Memoirs]
  New Yorl, vol 165, 1956 Zbirnyk Filologichnol bektsit
  [Papers of the Philological Section], vol 26, Vol 172,
  1950. Zburnyk Filologichnol sekisit [Papers of the
  Philological Section], vol 28, Vol 176, 1962
- NOVAIA INOSTRANNAIA LITERATURA PO IAZYKO-ZNAMIU [NEW FOREIGN LITERATURE ON LINGUIS-TICS], Issued by Fundamental inata biblioteka ob-shchesivennyih nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscow, no. 1, 1987.
- NOVAIA SOVETSKAIA LITERATURA PO IAZYKOZNA-NIIU [NFW SOVIET LITERATURE ON LINGUISTICS], Issued by Fundamentaltrinala bibliotkea obshir heatwen-nyth nauk Akademii nauk SSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 1, 1967.
- RUSSIA (1923 U.S.S.R.) Mintateratvo vysahego i oklady · I earch
  - Moscow, vol 5, no 1(17), 1962.

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- RUSSKII IAZYK V NATSIONAL'NOI SHKOLE [THE RUSSIAN LANGUAGE IN NON-RUSSIAN SCHOOLS]. Besued by Akademiia pedagogicheskikh muk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.]. Moscow, no.2, Mar.-Apr.1987.

- VOPROSY JAZYKOZNANIIA [PROBLEMS OF LINGUIS TICS]. Issued by Institut intrykoznantia Akadem it rack SSSR [metitute of Linguistics of the Academy of Sciences of the U.S.S.R.] Moscow, vol. 15, po. 8, Nov. Dec. 1960.
  - Nov. Dec. 1960.

    Table of contents translated:
    Vinogradov, V. V. The Academy's seventeen-volute
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- No. 1, Jan. -Feb 1967.

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## ь LITERATURE & FOLKLORE

- AKADEMIIA NAUK SSSR, Izvestiin, Seriia literatury t inzyka [ACADEMY OF SCHONCES OF THE U. 3, 5, R, Bulletin, Series in Literature and Language]. Moscow, vol. 25, no. 6, Nov. -Dec. 1906,
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- ALA-TOO: literaturno-kludozhestvennyl i obsh kestven no-politicheskit zhurnal [ALA-TAU; Literary and Sociopolitical Magazine]. Organ of Soluz pisatelet Kirgizii and Ministerstvo kul'tury Kirgizskol SSR [Association of Writers of Kirgilzia and the Ministry of Culture of the Kirghiz S.S.R.]. France, no. 12, Dec. 1986. [In Kirghiz]
- AZERBAICHAN [AVFRBAIJAN]. Organ of Soluz pluatelat Azerbaidzhana (Association of Writers of Azerbaijan), Baku, nos. 1-2, Jan. -Fob. 1987. [In Azerbaijan]
- BAIGAL [BAIKAL], Ulan-Udo, no. 1, 1967. [in Buryat]
- DAL'NII VOSTOK [FAR CAST]. Organ of Khabarovek e obdelente Sotuva pisatelet RSFSR [Khabarovek Bray h of the Association of Writers of the R.S. F.S. R.]. Khabarovek, vol. 34, no. 1, Jan. -Feb. 1967.

- DNIPRO [DNIEPER]. Organ of TSentral'nyi komitet I enins'koho komunistychnolo sotuzu moledi Ukrainy [Central Committee of the All-Union Communist Youth League of the Ukraine]. Klev, vol. 41, nos. 2-3, Feb. -Mar. 1967
- DON, Organ of Soiuz pisatelei RSFSR and Rostovskoe of delenie Schiza placified [Association of Writers of the R.S. F.S.R. and the Rostov Branch of the As-sociation of Writers]. Rostov-on-Don, vol. 11, no. 2, Feb. 1967.
- DRUZHBA NARODOV [FRICNDSHIP OF PEOPLES].
  Organ of Soluz pisatelet SSSR [Association of Writers of the U.S.S.R.]. Moscow, vol. 29, no 2, 1967.
- SKORKA [LITTLE SPARK] Organ of Leningradskii ob-kom i gorkom VLKSM and Leningradskii sovet proner stoi organizatsii imeni V. I. Leningrad Prov-nce Committee and the City Committee of the All-Union Communist Youth League of Lenin and the Lann-grad Council of Lenin Pioneers] Leningrad, vor 10, no 2, Feb 1966
- TUNOST' [YOUTH] Organ of Soluz pientelei SSSR [Assectation of Wilters of the U.S. S. R.] Moscow, vol. 13, no. 3(142), Mar. 1967
- KAROGS [THE BANNER], Issued by Latvijas padomju nakstnicku savieniba [Association of Writers of Soviet Latvia], Riga, nos. 2-3, 1967. [In Latvian]
- KUBAN'. Issued by Krasnodarskoe kraevoe otdelenic Sofuza pisatelei RSFSR [Krasnodar Territory Branch of the Association of Writers of the R.S. F.S. R.] Kiashodai, vol. 23, nos 1-2, Jan - Feb 1967
- LIETUVOS TSR AUKSTUJU MOKYKLU MOKSLO PAR-BAI LITERATURA, Nauchnye tudy vysshikh accel-nykh zavedenii Litovskoi SSR, Literatura (STUDIES BY THE INSTITUTIONS OF HIGHER LEARNING OF THE LITHUANIAN S.S.R., LITERATURE]. Vilnius,
- LETERATURA I ISKUSSTVO NARODOV SSSR I ZARU_-HERATURA I ISKUSSTYO NARODOV SSSR I ZARU – BEZHNYKH STRAN, bibliograficheskii budleten' [LITERATURE AND ART OF THE PEOPLES OF THE U.S.S.R. AND FOREIGN COUNTRIES, Bibliographical Bulletin]. Issued by Versonizhaia knizhnain palata and Versonizhaia gosudarstvennaia biblioteka inostrannoi literatury [All-Union Book Chamber and the All-Union State Library of Foreign Literature]. Moseow, no. 1,
- LITERATURA STRAN AFRIKI [LITERATURF OF THE COUNTRIES OF AFRICA], Issued by Institut Afriki Akademiti nauk SSSR [Institute of Afrika of the Academy of Sciences of the U.S.S.R.], Moscow, no. 2, 1966.
- LITERATURNAIA ARMENIIA [LITERARY ARMENIA] Organ of Pravionic Soluza pisatelet Armenii [Administration of the Association of Writers of Armenia]. Etiyan, vol 9, no.1, Jan 1987
- LITERATURNAIA GRUZIIA [LITERARY GEORGIA]

  Organ of Soiuz pisatelei Gruzii [Association of Writters
  of Georgia] Tiflis, vol.11, no.2, Feb. 1987
- EITERA PURNYI AZERBADZHAN [LITERARY AZER-BALJAN] Organ of Soluz pisatelel Azerbaldzinna [hagoclation of Writers of Azerbaljan] Baku, vol.25, no.2, Feb. 1967.
- I.TERATURNYI KRGIZSTAN [LITERARY KRGHIZI-STAN]. Organ of Soinz pisatelei Kingizii [Association of Writers of Kirghizia]. Franze, vol 12, no 5, Sep -
- LOOMING [CREATIVE WORK]. Issued by Easti NSV Kirjanika Liii [Association of Writers of the Estonian S.S.R.], Tallinn, no.2, 1967. [in Estonian]
- MOKSHA, literaturno-khudozhestvennal i obshehestvenno-politicheskial zhurnal [MOKSHA; Literary and Socio-political Almanac] Saransk, no.1, Jan.-Feb. 1987. [In Motdvin]
- MOSKVA [MOSCOW]. Organ of Soluz pisatelet RSFSR and Moskovskoe otdelenie Soluza pisatelet RSFSR [Association of Writers of the R.S. F.S. R. and the Moscow Brauch of the Association of Writers or the R.S. f.S. A.]. Moscov, vol 11, no.3, 1,37
- NASH SOVREMENNIK [OUR CONTEMPORARY]. Organ of Soluz pisateloi RSFSR [Association of Writers of the R.S.F.S.R.] Moscow, no. 3, Mar 1967.

- NEMAN (NEMAN RIVER). Organ of Soluz pisatelei BSSR [Association of Writers of the White Russian S.S.R.] Minsk, vol.16, no 3, May 1967
- VA Organ of Soluz pisatelei RSFSR and Lening ad-skoo otdelenie Soluza pisatelei [Association of Writis of the R S,F S R, and the Lening ad Branch of the Association of Writers] Lening ad, no.3, 1987
- NOVAIA INOSTRANNAIA LITERATURA PO LITERATUROVEDENIIU [NEW FOREIGN LITERATURE ON THE STUDY OF LITERATURE]. Issued by Fundamental'naia biblioteka obschechstvennykh nauk Akadomi nauk SSR [Tundamental Library of Social Sciences of the U.S.S.R.] and others, Moscow. no. 1 1967. Moscow, no. 1, 1967.
- NOVAIA SOVETSKAIA LITERATURA PO LITERATURO-VEDENHU [NEW SOVIET LITERATURE ON THE STUDY OF LITERATURE]. Issued by Fundamental'-nala biblioteka obshehostvennykh mauk Arademi nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 1, 1967 no. 1, 1967
- NOVYI MIR [THE NEW WORLD], Organ of Soluz plaatelet SSSR (Association of Writers of the U.S.S.R. } Moscow, vol.38, no.10, Oct.1082. Table of contents translated: Kulshov, A From a new book of verse Authorized translation from the White Russian by IAFov

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- NOVYI ZHURNAL THE NEW REVIEW New York, vol 25, no. 84, 1966, vol 26, no 86, 1967.
- OKTIABR' [OCTOBER] Organ of Solar pisatelel RSFSR [Association of Writers of the R. S. F. S. R.]. Moscow, vol. 43, no.12, Dec. 1966.

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- PERGALE [THE VICTORY], Organ of Lietuves TSR rasyloju sajunga [Association of Writers of the Lithuanian S.S.R.]. Vitnius, nos. 2-3, 1967. [In Lithuanian] Lithuanian]
- POD"..'M [UPSWING]. Issued by Volonezhskoe otdelenie So.uza pisatelel RSFSR [Volonezh Branch of the Asso-ciation of Witters of the R.S. F.S. R.] Volonezh, no. l. Jan -Feb. 1907
- POLIARNAIA ZVEZDA [THE NORTH STAR]. Organ of Soinz sovetskikh pisatelei Iakutti [Association of Writers of Yakuta]. Yakutsk, no 1, Jan.-Feb. 1967
- PRATER, literaturno-kindozhnis ta hromads'ko-politych-nyr zhurnat [BANNER; Literary and Sociopolitical Magazine] Issued by Spilka gys'mennykiv Ukrainy [Association of Writers of the Ukraine] Kharkov, no.2, 1987.
- PROSTOR (WIDE-OPEN SPACES). Issued by Soiuz plsatelet and TsK LKSM Kazakhslana [Association of Writeers and the Central Committee of the Lenin Communist Youth League of Kazakhstan], Alma-Ata, vol.34, nos.2-3, Feb.-Mar 1967.
- PUNALIPPU [THE RED BANNER] Issued by Soluz pisatelel ...itel'skot ASSR [Association of Writers of the Karelian A.S.S.R.]. Petrozavodsk, vol.24, no.1, 1907. [In 1'innis.]
- RADUGA [THE RAINBOW]. Organ of Pravionic Sofuza pisatelet Ukrainy [Administration of the Association of Writers of the Ukraine]. Kiev, vol.17, no.2, Feb

- SEVER (THE NORTH) Issued by Solaz pisatelei Karel'skoi ASSR and Arkhangel'skoe i Vologodskoe otdeleniis Solaza pisatelei RSFSR [Association of Writers of the Karelian A S.R. and the Archangel and Vologda Branches of the Association of Writers of the R.S.F.S.R ]. Petrozavodsk, vol 28, no.1, Jan Reb. 1967 Feb 1967
- SHARK IULDUZI [STAR OF THE EAST]. Organ of the Association of Sovict Writers of Uzbekistan. Tashkent, vol.35, nos 1-2, Jan -Feb 1967 [In Uzbek]
- SIBIRSKIE OGNI [SIBERIAN LIGHTS]. Organ of Soluz nisatelei RSFSR and Novosibirskoe otdelenie Soluza pisatelei [Association of Writers of the R.S.F.S.R and the Novosibinsk Branch of the Association of Writers]. Novosibinsk, vol. 46, no 2, 1967
- SOVET EDEBIATY [SOVIET LITERATURE] Organ of Soluz pisatelei Taiarii [Association of Writers of Taiaria] Kazan, no 3, Mar 1967 [In Tatar]
- SOVET EDEBIATY (SOVIET LITERATURE) Organ of Soinz sovets with plantelet TSSR [Association of Soviet Writters of the Turkmen S S.R.] Ashkibibad, no 2, Feb 1987 [In Turkmen]
- SOVETAKAN GRAKANUTUN (SOVIET LITERATURE ]. Organ of the Association of Soviet Writers of Armenia Erivan, no 12, 1966 [In Armenian]
- SOVE TSKAIA LITVA, al'manakh [SOVIET LITHUANIA, Almanac]. Issued by Soluz pisatelei Litovskoi SSR [Association of Writers of the Lithuanian S. S. R. ]. Vilnius, no.11, 1985.
- SOVREMENNIK [CONTEMPORARY]. Toronto, no 14/15, Nov. 1986-Feb 1987
- SUCHASNIST', literatura, mysietstvo, suspil'ne zhyttia [OUR TIME, Literature, Art, and Social Problems]. Munich, vol 7, nos 2(74)-3(75), Feb -Mar. 1967
- TARTU, FR.R.KRIUTZWALDI NIMELINE KIRJANDUS-MUUSEUM, Kogumistoo juhani [FR.R.KREUTZWALD LITERARY MUSEUM, Instructions for Collection Work, No. 4, 1966. [In Estonian]
- VITCHYZNA (OUR COUNTRY) Ongan of Spilka pys'men-nykly Ukrainy [Association of Writers of the Ukraine] Kiev, vol 35, nos 2-3, Feb.-Mar 1967.
- VOPROSY LITERATURY [PROBLEMS OF LITERATURE].
  Organ of Soluz pleatelet SSSR and Institut mirrovol
  Ilteratury Akadomit mark SSSR [Association of Writers
  of the U.S.S.R. and the Institute of World Literature
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- VOZROZMDENIE [RENAESANCE] Paris, no 183, Mar
- ZHOVTEN' [OCTOBER] Organ of Spika pys'mennykly UF1 amy [Association of Writers of the Ukraine] Lyov, no 1, 1987
- ZNAMIA [THE BANNER]. Organ of Soluz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, vol. 37, no. 2, Teb 1987.

vol. 37, no. 2, Teb 1967.

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ZVEZDA [THE STAR]. Organ of Soluz pisatelel SSSR (Association of Writers of the U. S. S. R. ]. Leningrad,

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ZVEZDA VOSTOKA [STAR OF THE EAST]. Organ of Soiuz pisatelei Uzbekislana [Association of Writers of Uzbekistan]. Tashkent, vol 35, no 1, 1967.

# 12, GEOGRAPHY & GEOLOGY

# a. ETHNOLOGY

SOVETSKAIA ETNOGRAFIIA [SOVIET ETHNOGRAPHY].
Issued by Institut etnografti Akademii nauk SSSR
[Institute of Ethnography of the Academy of Sciences
of the U.S. S.R.]. Moscow, no. 2, Mar-Apr., 1961.
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- GEOGRAFICHESKOE OBSHCHESTVO SSSR. Lavestila [GEOGRAPHIC SOCIETY OF THE U.S. S.R. Bulletin]. Moscow, vol. 98, no. 6, Nov. -Dec. 1966.
  - Table of contents translated: Kegan, M. A. The so-called first map of Vinland.

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- GEOGRAFICHESKOE OBSICHESTVO SSR. Krymskii otdel. Izvestiin [GEOGRAPHIC SOCIETY OF THE U.S.S.R. Crimean Branch, Bulletin]. Simferopol', по. 6, 1961.

  - Table of contents translated;
    Ena, V. G., Kozin, IA. D. Orographic scheme of the
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- GEOGRAFICHESKOE OBSHCHESTVO SSSR. Uzbekistan-skii iilial. Izvesilia (GEOGRAPHIC SOCIETY OF THE U.S.S.R. Uzbekistan Drauch, Bulletin). Tashkent, U, S, S, R, U vol. 3, 1960.
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- GEOGRAFIIA V SHKOLE [GEOGRAPHY IN SCHOOLS] Issued by Ministerstyn prosveshehenila RSFSR [Ministry of Education of the R S. F. S. R. ] Moscow, no 2, Mar. - Apr 1967.
- LENINGRAD, GOSUDARSTVENNYI GIDROLOGICHESKII INSTITUT, Shornik rabot po gidrologli [STATE HYDROLOGICAL INSTITUTE, Papers on Hydrology].
- Table of conlents translated:
  - Vishnevskii, P. F., Rubtsov, I. G. Study of causes of decreasing of annual streamflow in southern part of Ukraine, 1948-1982, p. 3. Liutik, P. M. - Calculation of precipitation in Eastern

  - Liutts, P. M. Calculation of precipitation in Esseri Carpathians applies by the evaluation of maximum discharge of flood waters. p. 12. Khloeva, E. V. Generalization of data of maximum discharge of rain floods in Crimean steppes according to marks of high level waters. p. 32, Azarkovich, E. Sh. Correlation between mean dality
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- MOSCOW, UNIVERSITET, Vestnik, Scriin 5; Geografiis [UNIVERSITY, Review, Scries 5; Geography], Vol. 18, no. l, Jan. -Feb. 1961.
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- *OKEANOLOGIIA [OCEANOLOGY]. Issued by Okeano-graficheshata kon issia Akademid nauk SSSR [Oceano-graphic Commission of the Academy of Sciences of the U.S.S.R.]. Leoscow, vol. 6, no. 6, 1906.

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  Chigirin, N.I. Works on sea chemistry at 2d International Oceanography Congress, p.966.

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- Beliacy, B.N., Pozdynin, V.D. Multidimensional statistical characteristics of sea currents and their

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- Zhiti ovskii, IU, IU, Acoustical method of measure-ment of distances between unevennesses hocated on ocean bottom. p. 1089.
- Monin, A.S., Bogoro., V.G. Twentieth anniversary of Institute of Oceanology of Academy of Sciences
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  Vinogradov, L.G. Trophodynamics of marine communities, symposium to be held in 1968 by FAO, ICES, and ICNAF. p. 1107.

  Borovivov, P.A., Brovko, V.P., Kaplin, P.A. Study of ocean using new submarine equipment.
- n. 1113.
- PESHCHERY (CAVES), Issued by Permskii otdel Geograficheskogo obshchestva SSSR (Perm Branch of the Geographical Society of the U.S.S.R.] and others. Perm, no. 2(3), 1962.
  - Table of contents translated; Maksimovich, G A. - Lakes of karst caves, wells,
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- Geomorphology of the Academy of Sciences of the Czechoslovak Republic in Brno, 1955-1950.
- Maksimovich, G. A. Nikolai Il'ich Sokolov, obituai v. p. 115
- TURKMENSKOE GEOGRAFICHESKOE OBSHCHESTVO. Trudy [TURKMEN GEOGRAPHICAL SOCIETY. Transactions]. Ashkhabad, no. 2, 1961.
  - Transactions]. Ashkhabad, no. 2, 1961.

    Table of contents translated:
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- VOKELG JVETA [AROUND THE WORLD] Issued by TSchial'nyi komitet Vsesoluznog leninskogo kommu-nisticheskogo soluza molode/hi [Central Committee of the All-Umon Communist Youth Lergue of Lenin], Mos-cow, nos 2-3, 1867
- VOPROSY GEOGRAFII KAMCHATKI [PROBLEMS OF THE GEOGRAPHY OF KAMCHATKA]. Issued by Kamchatskii otdel Geograficheskogo obshchestva St pii Akademii nauk SSSR [Kamchatka Bianch of the Geographical Society of the U.S.S.R., Attached to the Academy of Sciences of the U.S.S.R., Petropavlovsk-Kamchatskii, no. 4, 1966.
- pavlovsk-Kamchatskii, no. 4, 1966.

  Table of contents translated Makhorkin, I. F. Komandorskiye Islands, p. 3. Kui sanova, I. A., Savchenko, V. G. Climate of Vomandorskiye Islands, p. 11.
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- Katsyka, A. P. Sunshine in Kamchatka. p. 133. Ostroumov, A. G. Are there trout in Kamchatka?
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- * AKADEMIIA NAUK SSSR, Izvestila. Serila geologicijes skain [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Geological Scites]. Moscow, no.1, Jan.
  - Table of contents translated Keilis-Borok, V. L. Using electronic computers in studying structure and evolution of the carth, p.

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  - Kolesnik, IU. N. Petropiaphy of Csipinskly ultrabasic mass if (Eastern Sayan), p. 45., Lipatova, V. V. German type of Triassic of Casplan Lowland, p. 56. Sincl hikova, V. N. Age of Enemtern series of western Kamichatka, p. 68, Volloshnikov, V. D. Traces of Late Quaternary gizeriation of Eastern Sayan in southern part of Central Siberian Plateau p. 75. Gurov, E. P., Marchenko, B., IA, Study of palestern-penatures of formation of engitedits in Korenta at
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- AKADEMIIA NAUK SSSR. Geologicheskit Institut. It udy [ACADEMY OF SCIENCES OF THE U. B. S. R. Grotogeal Institute. Transactions]. Most ow, no. [55, 1957. Content is "Petrov, O. M. [Strattgraphy and favor of maxine mollusks in the Quaternary deposits of Chukchi Peningula Strattgraffia I fauna moreklish mollituskov chelvet telmykh otlozheni Chukolsko_do poluostrova. 287 p.
- No. 164, 1906
  - Contents. Illievich, A. L. [Composition and conditions governing the formation of Akchagy! actiments of the Balkhan Range region of nouthwestern Turkmental Veshchestvennyl sostay I usleviin ulrazovanija akchagyP skikh otlozhenij Prib ikhaneke_bo rajona IUgo-Zapadnoj Turkmenij, 199 p.
- No. 165, 1966
  - Contents Vol'vovskii, I S., and others. [Fectonics of Turan Plateau] Tektonika Turanskoi pitty. 286 p.
- AKADEMHA NAUK SSSR, Institut minoralogit, geoMittait 1 kristallokhimti redickh elementov, Trudy [ACADE MY OF SCIENCES OF THE U.S.S.R. Institute of the Mineralogy, Geochemistry, and Crystallaction three Rare Elements, Transactions]. Moscow, 10, 4, 1966.

  Table of contents translated:
  - Garmash, A.A. Characterists of the distribution of rare elements in complex metal deposits in the Zmetnogorsk area of the Rudnyy Alial, p.5.

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AKADEMIIA NAUK SSSR. Komissiia po izuchenila chetvortichnogo perioda. Trutly ACADEMY OF SCIENCES
OF THE U.S.S.R. Commission for the Study of the
Quaternary Period. Transactions. Moscow, vol. 18,
1861.
Table of contents translated.

Table of contents translated Gromov, V.I. - Principles for the construction of a periodization scheme of the Paleolithic, p. 7. Savitskii, L.L. - Principles of the stratigraphy and cultural periodization of the Paleolithic in Poland, p. 22.

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AKADEMILA NAUK SSSR. Mineratogicheskii muzei. Tiu dy [ACADEMY OF SCIENCES OF THE U.S.S.R. Mineralogical Museum. Transactions]. Moscow, no.12, 1961.
Table of contents translated.

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*GEOKHIMBA [GEOCHEMISTRY], Issued by Akademiia mank SSSR [Academy of Sciences of the U.S.S.R.], Moscow, no.10, 1961.

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Table of contents translated.

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No. 11, 1981.

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Table of contents translated: Semenonko, M.P., Tsarovs'kyl, I.D. - Comparison of structural data with the results of the determi-

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- LEMINGRAD, NAUCHNO-ISSLEDOVATEL 'SKII INSTI-TUT GEOLOGII ARKTIKI, informatsionnyl sboi nik (SCIENTIFIC RESEARCH INSTITUTE OF ARCTIC GEOLOGY, Information Bulletin], No.15, 1959,
- Table of contents translated
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- LENINGRAD, NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GEOLOGII ARKTIKI. Trudy [SCIENTIFIC RESEARCH INSTITUTE OF ARCTIC GEOLOGY. Transactions]. Vol. 148, 1985.
- Vol. 140, 1903.
  Contents. Egiazarov, B. Kh., and others. [Geology and minerals of the Koryak Highland] Geologita i poleznye iskopaemye Koriakskogo nagor'ia. 341 p. charts, maps (Insert)

- LENINGRAD, NAUCHNO-ISSLEDOVATELISKII INSTI-EMNORAD. NACHNO-ISSEEDOVATEL-ISKI INSTI-TUT GEOLOGII ARKTIKI, Uchenye zapiski, Satika "Paleontologiia I biostatigrafiia" [SCIENTITIC RE-SEARCH INSTITUTE OF THE GEOLOGY OF THE ARCTIC, Studies, Selles "Paleontology and Biostra tigraphy"], No. 10, 1965.

  - Table of contents translated
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- MOSCOW, UNIVERSITET, Vestall, Serila 4 Geologiia [UNIVERSITY, Review, Series 4: Geology], Vol. 21, no. 8, Nov -Dec. 1966.

- no. 8, Nov -Dec, 1966.

  Table of contents translated

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- *MOSKOVSKOE OBSHCHESTVO ISPYTATE LEI PRIRODY.
  Bulleten' [MOSCOW NATURALISTS' SOCIETY, Bulletin], Now series, vol. 71. Otdel geologicheskii [Geologicheskii Geologicheskii [Mosrow, vol. 38, no. 3, May-June 1961.
  Table of contents translated Makrychev, G.I. Tectonic development of the Kara-Tau (southern Kazakhstan) in the Lower Paleozoic [with summary in English]. p. 3.
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- TASHKENT, UNIVERSITET, Nauchnye trudy [UNIVER-SITY, Studies], No. 234, 1964, Geologicheskie nauki [Geological Sciences], no. 20,

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- KADEMIIA NAUK SSSR, Doklady [ACADEMY OF SCI-ENCES OF THE U.S.S.R. Reports]. Moscow, vol.167, no.2, Mar.1966. Table of contents translated:
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- p. 1352. Antipchuk, IU.P. Changes in ultimate strength of
- Antipchuk, 10. P. Changes in untimate strength of bone tissue along tubular bone diaphyses in extre-mitties of some ungulates. p. 1352. Saveltenko, E. N. Ecology and preimaginal phase of development of Tipula (Savtshenkta) gorizionsis
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- Luk'innets', V.S. Philosophical products connected with A. Einstein's theory, p. 1364.

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- No.12, 1986.
  Table of contents translated
  Halasov, B.O. Some gradient methods for solving
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    Panasiuk, V. V., Buina, E. V. Asymptotic equilibrium state of a plate having a cuspidated hole.

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    Shumilians Kvi. I. F. Second problem of the dynamics
  - Shumilians kyi, I.F. Second problem of the dynamics snumitane xyi, 1. r. - second problem of the dynamics of a cable of variable length when the electric motor has a linear mechanical characteristic, p. 1552. Billida, T. V. - Mechanical characteristics of twisted glass fiber and glass string under effect of tension,

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  - of speed of extension on tensile strength of soft reinforced plastics on crossed warps, p. 1501. Rushnirenko, A. N., Energy spectrum of atomic nuclei in nuclear quantum field theory, p. 1267. Grysikko, V. G. Studying systematic errors in mine frequency systems of remote control with fluctuating interferences, p. 1573.

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  - OF SCIENCIS OF THE WHITE RUSSIAN S. S. R. Reports], Minsk, vol.10, no.11, Nov. 1866.

    Table of contents translated:
    Chematin, V.A. Exceleting condition of arbitrary forms of even order p. 821.
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- Popkovich, G.A., Ermolenko, N.F. Sorption activity and porous structure of coprecipitated gels of silicite acid and from hydrovide. p. 864.

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- Zhukhovitskaia, A. L., Zamiatkina, A. A., Lukashev, K.I. Microelements in waters of upier Dnieper p. 801.

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- mais and man. p. 900. EESTI LOODUS [ESTONIAN NATURE], Issued by Eesti NSV Teaduste Akadeemia [Academy of Sciences of the Estonian S.S.R.]. Tallinn, vol.10, nos.2-3, Feb. – Mar. 1967. [In Estonian]

- FAN VA TURMUSH [SCIENCE AND LIFT]. Issued by Akademita nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S.S.R.]. Tashkent, no. 1(147), Jan. 1967. In Uzbek
  - KHIMHA I ZHIZN' [CHEMISTRY AND LIFE] Issued by Akademita mank SSSR [Academy of Sciences of the U.S.S.R.] Moscow, vol 3, no 2, Feb. 1967
- NAUKA I SUSPIL/STVO [SCIENCE AND SOCIETY] Is-sued by Toval vetvo "Zamania" UKI aims koi RSR ["Zamania" Society of the Ukrainian S S R.] Kiev, vol 18, no 3, Mar 1987
- NAUKA I ZHIZN' [SCIENCE AND LIFE] Issued by Vse-somenoe obshchestvo "Zhinie" ["Knowledge" All-Unior Society] Moscow, vol 33, no 2, Feb 1967
- NOVYE KNIGI ZA RUBEZHOM, Sorlia A. Matematika mekhanila, astronomila, geolizika, fizika, khimita, geologlia, fizicheskala geografia [NFW FORFIGN BOOKS Series A: Mathematics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology, Physical Geography]. Moscow, vol. 20, nos. 2-3, Feb May 1967. Mar, 1967.
- PRIRODA [NATURE]. Issued by Akademtia mark SSSR [Academy of Sciences of the U. S. S. R. ]. Muscow, no. 1, Jan. 1907.
  Table of contents translated.
  - Fiftieth anniversary of the October Revolution.
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- REFERATIVNYI ZHURNAL KIBERNETIKA [JOURNAL OF ABSTRACTS CYBERNETICS]. Issued by Vseso-luzyni institut nauchnoi i tokinteleskot informateli [All-Union Institute of Scientific and Technical Information] and others. Moscow, no. 2, Feb. 1967.
- ZNANNIA TA PRATSIA [KNOWLEDGE AND WORK]. Issued by Tšentral'nyi komitet Lenins'koho komunistychnoho soiuzu molodi Ukrainy [Central Committee of the Ukrainlan Communist Youth League of Lenin]. Kiev, no.2(324), Feb.1967.

## b. ASTRONOMY

AKADEMIIA NAUK SSSR, Institut teoreticheskoi astronomii, Biulieter' [ACADEMY OF SCHENCES OF THE
U.S.S.R. Institute of Theoretical Astronomy, Builetia].
Leningrad, vol. 10, no. 6(110), 1805.
Table of contents translated:
Nam Tum Po - Effect of braking forces on the motion
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- Num Tum Po Effect of aerodynamic braking on the motion of a spherical satellite relative to the mass
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- *ASTROFIZIKA [ASTROPHYSICS]. Issued by Akademila nauk Armianskoi SSR [Academy of Sciences of the Armenian S.S. R.]. Erivan, vol. 2, no. 4, Dec. 1966

  Table of contents translated:
  IAkovin, N.A., Kostik, R.I. Matrix equations describing diffusion of radiation. Part 1, p. 379.
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- ETALONNOE VREMIA V SREDNIE MOMENTY PERE DACH RADIOSIGNALOV [OFFICIAL TIME AT MEAN MOMENTS OF RADIO SIGNAL TRANSMISSIONS]. Issued by Vsesofuzny nauchno-Issledovatel'skil Institut fiziko-tekhnicheskikh i radiotekhnicheskikh iz-merenii [All-Dinio Scientific Research Institute of Physical and Radio Measurements]. Moscow, Jan. -May
- RUSSIA (1923 U.S.S.R.) Ministerstvo vysshego i srednego spetisial nogo obrazovanila. Izvešilia vys-snikh uchečnýkh zavedenil, geodežila i aerofotos omka [Ministry of Higher and Secondary Specialized Edu-cation. Bulletin of the Institutions of Higher Learning; Geodesy and Aerial Photography]. Moscow, no. 6,
  - Table of contents translated: Vidues, N.G. Calculating the accuracy of layout
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  - squares in the control of systematic p. 133.

    Syatkova, T. G. Manual by N. N. Volokov "Map compiling and map editing." p. 137.

    Modrinskii, N.I. Teaching goodesy in nongeodetic departments of institutions of higher learning in the Polish People's Republic, p. 141.

- SHEMAKHA, ASTROFIZICHESKAIA OBSERVATORIIA. Tiudy [ASTROPHYSICAL OBSERVATORY, Tiansactions]. Baru, vol. 3, 1964.

  - tionsj. Baru, vol. 3, 1964.
    Table of contents translated;
    Guseinov, R. E. Cause of increase in bighinous of flocculi during chromospheric flates. p. 5.
    Eminzade, T. A. Mass of degenerate overdense contiguation. p. 12.
    Seidov, Z. F. Rate of nuclear reactions in dense media. p. 25.
    Mel'nikov, O. A., Zhuravlev, S. S., Aslanov, I. A. Spectropholometry of the unusual solar prominence of July 2, 1958. p. 40.
  - of July 2, 1958, p. 40.

    Mel'nikov, O.A., and others. Catalog of shifts, central readdual intensities, and equivalent widths of selected Fraunhofer lines. p. 83.
- TARTU, ASTRONOOMIA OBSERVATOORIUM, Publikatioonid, Publikatisii Taituekoi astronomicheskoi observatorii [ASTRONOMICAL OBSERVATORY, Publications], Vol. 35, 1966,
- VILNA, ASTRONOMIJOS OBSERVATORIJA, Biuletenis, Biulleten' Vil'niusakoi astronomicheskoi observatorii [ASTRONOMICAL OBSERVATORY, Bulletin], No. 13, 1964, no. 15, 1965.
- ZVAIGZNOTA DEBESS [STARRY SKY], Issued by Lat-vijas PSR Zinalnu akademijas Astrofizikas laborator ija [Astrophysical Laboratory of the Academy of Sciences of the Latvian S.S.R.]. Riga, Autumo, 1966. [In

#### RIOLOGY

- AKADEMIIA NAUK KAZAKIISKOI SSR. Alma-Ata.
  Institut fiziologii, Trudy [ACADEMY OF SCIENCES
  OF THE KAZAKII S.S.R. Institute of Physiology.
  Transactions]. Alma-Ata, vol. 10, 1986.

  - Table of contents translated Bazanova, N.U., Moiseev, V.A. Relationship of collulose decomposition in rumen and cocum of

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- Ainpova, R.S. Effect of cobalt on absorptive ability of small intestines in sheep p. 114
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  FiA. Mechanism of reflex effect from mammary gland on secretion of bile and pancreatic juice in animals p. 126.

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  - Contents, Skrinbin, K. I., Scholev, A. A., Ivasikin, V. M. [Spiruridae of animals and man and diseases caused by them. Pt. 3. Acuarildae] Spirur aty zhivolnykin i choloveka i vyzyvaemyo ini zabolevaniii Pt. 3. Akuarloidei. 572 p.
- AKADEMIIA NAUK SSSR. Institut biologit vnutremikh vod. Trudy [ACADEMY OF SCIENCES OF THE U.S. S.R. institute of the Biology of Infland Waters. Truns.actions). Moscow, no. 10 (13), 1000.

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  - Table of contents translated: Anodin, P.S., Korshunov, M.A. Effect of deep subsurface tilings of gray forest soils on auti-

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  - 1905. Climate of Lake Baikal and its region.

    Table of contents translated:
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  - Table of contents translated
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  Table of contents translated
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- *BIOFIZIKA [BIOPHYSICS], Issued by Akademita mack SSSR [Academy of Sciences of the U.S.S.R.], Marcow,
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- BIOLOGICHESKII PHURNAL ARMENII [BIOLOGICAL JOURNAL OF ARMENIA]. Issued by Akademiia nauk Armianskol SSR [Academy of Sciences of the Armenian S. S. R. ]. Erivan, vol. 19, no. 10, Oct. 1066.
  - Table of contents translated Teterevnikova-Babaian, D. N., Simonian, S. A. Additional data on distribution of Septoria species in
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- *FIZIOLOGICHESKR ZHURNAL SSSR [PHYSIOLOGICAL JOURNAL OF THE U.S.S.R.]. Issued by Vacaotuznee fiziologicheskoe obshchestvo [All-Union Physiological Society]. Moscow, vol. 49, no. 3, Mar. 1963
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- Fuéd! Csypova, S I , Parkhotyk, I.I. Role of norzors system in sustaining constancy of electrolytic
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- *GENETIKA [GENETICS], Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Mos-cow, no.11, 1966

  - Table of contents translated: Lobashev, M. E. Thomas Hunt Morgan, founder of the theory of gene; on 100th anniversary of his
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  - Maisuranze, R. 1. intergrated communication significance for breeding. p. 69.
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  - Golubovskii, M. D. Distribution and allelism of

  - Golubovskii, M. D. Distribution and allotism of autosome lethals in two reproduction foel of Drosophila melanogaster population in Uman' (Ukrainian S. S. R.), p. 109.

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  - Vysotskaia, L. M. Study of karyotype of children at carly age. p. 145. Lakoza, I. I. Hybridization of domestic animals.

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No. 12, 1986.
Table of contents translated;
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- of spontaneous matters rice spontaneous metalline, p. 5.
  Khaltzev, A. E., Pettova, O. N., Shapiro, N. I. Texic
  effect of mammalian cell disintegration products
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- genetics in manmals in vitro. p. 18. Shakhova, L. K., Tolkacheva, E. N., Shaphe, N., -Inhibitors of DNA and protein syntheses as mutr-gente agents for mammalian cells in vitro. p. 25.
- Fadeeva, T.S. Problems of comparative plant genetics. Report No. 4: Potential of genetic species, variability as exemplified by Fragaria species,
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- Krylev, V. N. Mutant of bacteriophage Till strutter
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  Bibliography of foreign literature on genetics, Aspust
- 1966, p. 128.
- GIDROBIOLOGICHFSKII ZHURNAL [HYDROBIOLOXI-ICAL JOURNAL]. Organ of Oldelente obstruct blotn git Akademit nauk Ukrainskot SSR [Dapartment of gn Akademin nauk Ukraniskon SSR (Dispartment of Genoral Biology of the Academy of Scioners of the Ukrainian S.S.R.]. Kiev, vol. 2, no. 6, 1990 Table of contents translated: Starobogatov, IA.I. - Vladhmi Ivanovich Zhadhi; en his 70th birthiday and 50th cumiversary of life

  - scientific, pedagogic, and social activity, p. 3. Nikol'skil, G. V. Main objectives of hydrobiology ar t
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- IUNYI NATURALET [YOUNG NATURALET] Issued by TSential'nyi komitet Vsesoluznogo leninskogo kommunisticheskogo soruza molodezhi and Tsentral'nyi so.et Vsesoiuznoi pionei skoi organizatsii imeni V l Lenima [Cential Committee of the All-Union Commu-nist Youth League of Lenin and the Central Council of the All-Union Lenin Pionecis]. Moscov, no 3, 1967
- MIKROBIOLOGICHNYI ZHURNAL (JOURNAL OF MICRO-BIOLOGY). Issued by Instytut mikrobiologii Akademii nauk URSR [Institute of Microbiology of the Academy of Sciences of the Ukrainian S. S. R. ]. Kiev, vol. 24, no. 5, 1962.
- Table of contents translated
  Pidoplichko, M. M., Moskovets, V. S., Zhdanova,
  N. M. Distribution of fungi of the genus Aspergillus in the soil of the con rpitzosphere intensteppe and forest steppe provinces of the Ukrainian
- steppe and forest steppe provinces of the outrammu S.S.R. p. 3.

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- MIKROBIOLOGIIA [MICROBIOLOGY], Published by Akademila nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 35, no. 6, Nov.-Dec. 1966. Table of rontents translated Litova, S.A., Jerusalimskii, N.D. Some characteristics of growth and oxygen consumption by Candida cultures on different substrates, p. 937. Leonova, V.G., Mokhova, E.N., Pomoshchnikova, N.A. Variability of cytochrome systems in yoast, p. 944.
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  - IAkovlev, B.V. Metabolism of pyravic acid in Proteus valgaris OX; and its sensitivity to some antibiotics. p 987.

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- Agnistikova, V.N., and others Gibberellins and gibberellinlike substances from culture fluid of Fusal lum monliliorme p. 1037

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- MOSCOW, UNIVERSITET, Vestnik, Serlia 6 Biologiia, pochvovedenie [UNIVERSITY, Roview, Serles 0; Biology, Soil Science], Vol.21, no.5, Sep.-Oct.1986,
  - Table of contents translated:
    Kopylova, G. N., Udel'nov, M. G. Possibility of reflex relations within intracardiac nervous system. p. 3.
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- PARAZITY ZHIVOTNYKH I RASTENII IPARASITES OF ARAZITY ZHIVOTNYKHI I RASTENII [PARASITES OF ANIMALS AND PLANTS]. Issued by institut zoologii Akadenii nauk Moiddwskoi SSR [Institute of Zoology of the Academy of Sciences of the Moldavian S. S. R.]. Kishinev, no. 2, 1965.

  Table of contents translated:

  Spasskii, A. A., Andielko, O. F. - Development of parasitological research in Moldavia. p. 3.

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- Shumilo, R. P. Holminths of synanth opic bit ds of contral Moldavia. p. 120.

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- *RADIOBIOLOGIIA [RADIOBIOLOGY]. Issued by Akademilia nauk SSSR [Academy of Sciences of the U. S. S. R. ]. Moscow, vol. 2, no. 4, 1992.
- Table of contents translated
- Table of contents translated

  Arbuzov, S.IA., Lonconos, P.I. Acquired radioresistance. p. 513.

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- some radioactive isotopes in acute radiation
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- Solomko, E. A. Methods of detecting induced somatic
- Solomko, E. A. Methods of detecting induced solutions in potatoes. p. 034, Saksonov, P. P. Review of L. A. Thinov, G. A. Vasil'ev and V. P. Paribok's book 'Radintion -protective agents, a manual," p. 639.
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- Kondrat'eva, I N Mechanism of the effect of irradi-

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SUKHUM. BOTANICHESKH SAD. Trudy [BOTANICAL GARDEN, Transactions]. No.13, 1980.

Table of contents translated:
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*USPEKHI SOVREMENNOI BIOLOGII [PROGRESS IN CONTEMPORARY BIOLOGY], Issued by Akademita nauk SSSR [Academy of Sciences of the U.S. S.R.]. Moscow, vol. 52, no. 1(4), July-Aug. 1961.

Table of contents translated,
Nagradova, N.K. - Biological processes of the decarboylation of oxalacetic acid. p.3.
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Table of contents translated Kliushkina, N. S., Fofanov, V. I. - Separation of proteins from unicellular algae, p. 3.

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ZOOLOGICHESKII ZHURNAL [ZOOLOGICAL JOURNAL]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S. S. R.]. Moscow, vol. 45, no. 12, 1966.

Table of contents translated:
Chesnova, L. V. - Centennial of the publication of first
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Tixhonova, L. V. - Aphelencholdes bessey Christio,
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Dolgov, V. A., Luk'ianova, I. V. - Structure of genitalia in palaearctic shrew (Sorex, Insectivora) as (axonomic character, p. 1852.

Fokanov, V. A. - New subspecies of Marmotabolace Mull, and notes on its geographical variability. p. 1862.

Dellamine, S. L., Treslichev, V. V. - Helminths of Cystophora cristata Erxleben living in Greenland Sea. p. 1867.

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Eroshonko, A. S. – Thee new species of genus Paraphelenchus (Micoletzky, 1922) Micoletzky, 1925

(Nematoda, Aphelenchidae). p. 1873. Saf'ianov, S. P., Beliaeva, M. G. - Effect of Dilyk nchus destructor Thorne on carbohydrafe and allrogen

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Nikol'skii, G. V. — Population structure and morinity character of Mytthus edulis in constairegion of White Sea. p. 1878.

Skopisov, V. G. — First occurrence of Dreissena polymorpha in Tambov Province. p. 1880.

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Shuntov, V. P. — Distribution of sea snakes in Scatti China Sea and castern Indian Ocean. p. 1882.

Loskutov, R. I. - Ochotona alpina Pall, a pest of pine trees. p. 1887. Petrova, A. A. - Semiannual reproduction of Spermo-

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Borlsov, V. I. - Some data on secological analysis of Pagophilus groenlandicus Ervleben stock. p. 1530, Pervushin, A. S. - Observations on delivery of sparing whales, p. 1892.
Brief news and information, p. 1890.

#### d. CHEMISTRY

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baktr, Institut khimii, Trudy [ACADEMY OF SCHENCFI OF THE AZERBAIJAN S. S. R. Institute of Chemistry, Transactions]. Baku, vol. 20, 1994. Problems of institute of chemistry. al corrosion.

Table of contents translated V.F. Negreev's scientific, pedagogical, and civic

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* AKADEMHA NAUK SSSR, Levestiia, Soriia khimicheskala [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin, Chemical Series]. Moscow, no. 12, 1966.

Table of contents translated:
Kuznetsoy, A.K., Koler, E.K. - Rare carth zirconates and their physicochemical properties. Report No. 3.

Some regularities in the formation, physicochemical and technical properties of zirconates. p. 2073.

Arbuzov, B.A., Vereshchagin, A.N., Batyeva, E.S. - Dipole moments of some adducts of hexachlercy-clepentadiene and their derivatives. p. 2080.

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- Tautomerism and geometrical isomerism of nitrogen-Containing derit atives of carbonyl compounds. Report No. 14 Dipole moments and structure of p henylhydrazones and some aldehydes and ketones. D. 2086.
- Shagidallin, R.R., Pavlova, T.E. Vibrational spectra of organical senie compounds. Report No. 3 Infrared absorption spectra and Raman spectra of the series

- absorption spectra and Raman spectra of the series of cyclic esters of trivatent arsent acids. p. 2001.

  Englin, B.A., Freidlina, R.Kh. Mochanism of ethylene telomerization by cubon tetrachloride and chloriderim. p. 2007.

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  Chebrunkov, IU.A., Mukhamadallev, N., Kumiants, I.L., Perlinorodimethylketene and perfluoronichacrylic acid. Report No. 5: Hexafluoroisobutyric acid fluoride and sulfuric and sulfurous acid chlorides. p. 2115.
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- Znpevalova, N.P., Ovsiannikova, L.A., Sokolova, Τ.A. Interaction of asymmetrically disubstituted hydrazines with derivatives of α,β-unsaturated acids. T. A. - Interaction of asymmetrically disubstituted hydrazines with derivatives of α, β-unsaturated acids. Report No.4: Reaction of N, N-dimethylhydrazine with α, β-unsaturated acid esters. p. 2200.
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- Portnykh, N.V., Volod'kin, A.A., Ershov, V.V. -Acylation of 2, 6-di-tert-butylphenol, p. 2243.
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  Table of contents translated.
  Lipatova, I.P., Semenova, E.I. Evistence of multiple bonds Zi = O and Hf = O in solutions of complex
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- Akhren, A.A., and others Analogs of corticoste-rolds. Report No. 17. Reaction of 2-methyl-l-acc-tyl-l-cyclohevene oxide with hydrazinecarboxylic
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- *ELEKTROKHIMHA [CLECTROCHEMISTRY] Issued by Akademira nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 2, no 12, Dec. 1966

  - Table of contents translated
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  - Table of contents translated
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- *KOLLOIDNYI ZHURNAL [COLLOID JOURNAL]. Issued by Akademita nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 23, no. 3, May-June 1961.
  - Table of contents translated:
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- *MOSCOW, UNIVERSITET, Vestnik, Scrita 2: Khimita
  - MOSCOW, UNIVERSITIET, Vestalk, Seriin 2: Mainita [UNIVERSITY, Review, Series 2: Chemistry], Vol. 21, no. 5, Nov.-Dec. 1966.

    Table of contents translated; Koptov, G.S., Tatevskii, V.M. Now method of calmilating molecular vibrations, Determination of policinal energy matrix in the mechanical problem as vibrations of polynomic molecules. p. 3.

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- PROBLEMY SOVREMENNOI KHIMII KOORDINATSION-NYKH SOEDINENII [PROBLEMS OF THE COORDI-NATION COMPOUNDS IN MODERN CHEMISTRY]. Issued by Leningradskii gosudarstvennyi universitet [Leningrad Sate University]. Leningrad, no. I, 1808.
  - Table of contents translated:
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- *RADIOKHIMIA [RADIOCHLMISTRY] Issued by Akademila mark SSSR [Academy of Sciences of the U S. S. R. ]. Moscow, no. 6, 1966.
- U.S.S.R.], Moscow, no. 6, 1966.

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- *RUSSIA (1923 U.S.S.R.) Ministerstvo vysshego l srednego spetstal nogo obrazovanila. Izvestila vys-shikh uchebnykh zavedenil, khimila i khimicheskula tokhnologita (Ministry of Higher and Secondary Special-ized Education. Bulletin of the Institutions of Higher Lost ung. Chemistry and Chemical Technology). Mos-cow, vol. 9, no. 5, 1966.

  - Table of contents translated:
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  - Table of contents translated
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- *UKRAINSKII KHIMICHESKII ZHURNAL [UKRAINIAN CHEMICAL JOURNAL]. Issued by Akademita nauk URSR [Academy of Sciences of the Ukrainian S. S. R.].
  - URSE [Academy of Sciences of the Original 1, 10, 10, 11, 1866,
    Table of contents translated
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  Table of contents translated:
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Table of contents translated: mathematical, G.V. - Medification of the functional scheme of Chaplygin's method and its applications. p. 293.

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EMIIA NAUK GRUZINSKOI SER, Tiflis, Vychisli-tyl teentr. Trudy [ACADEMY OF SCIENCES OF GEORGIAN S.S.R. Computation Center. Trans-ons]. Tiflis, vol. 7.1, 1966, Some problems in ability theory and mathematical statistics.

shifty theory and mathematical statistics.

'able of contents translated
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india NAUK SSR. Izvestia. Serila matematichela [ACADEMY OF SCIENCES OF THE U.S.S.R.
letin. Mathematical Series]. Moscow, vol. 30,
8, 1986.
ble of contents translated:
b

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AKADFMIIA NAUK SSSR, Sibirskoe oldelenie, Seminar algebry I logiki, Algebra I logika [ACADEMY OF SCIENCES OF THE U. S.S.R, Siberian Department, Seminar of Algebra and Logic, Algebra and Logic], Novosibi sk, vol.5, no. 4, 1986.

Table of contents translated.
Vinogradov, A. A. - Some characteristics of quasimanifolds of nilpotent groups, p. 5.
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Table of contents translated
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*DIFFERENTSIAL'NYE URAVNENIIA [DIFFERENTIAL FQUATIONS]. Minsk, vol. 2, no. 11, Nov. 1986.

Table of contents translated: Optimum control in a statistical problem. p. 1415. Romanov, V. I., Kharasakhai, V. Kh. - Reducibility of

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Table of contents translated:
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 KIBERNETIKA [CYBERNETICS]. Organ of Oldelenie matematiki, mekhaniki i kibernetiki Akademii nauk Ukrainskol SSR [Department of Mathematics, Mech-Ukrainskoi Sasi Deparament of Maluminus, Men-aules and Cybon Helics of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, no.5, Sep.-Oct. 1966. Table of contents translated: Glushkov, V.M. - Minimization of microprograms and algorithm schemes, p. 1.

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LIETUVOS MATEMATIKOS RINKINYS, LITOVSKII MA-TEMATICHESKII SBORNIK [LITHUANIAN MATRE -MATICAL PAPERS]. Issued by Lietuvos TSR Mokslu akademija and Lietuvos TSR aukstosios mokyklos [Academy of Sciences of the Lithuanian 8,8,R, and the Institutions of Higher Learning of the Lithuanian 8,8,R, l. Vilnius, vol. 6, nos. 2-3, 1086.

- MATEMATICHESKII SBORNIK [MATHEMATICAL RE-VIEW Issued by Akademilia nauk SSSR and Moskov-VIEW] Issued by Akademiia nauk SSSR and Moskor-broe matematichniskoc obshchisto [Academy of Sci-ences of the U.S. S. R. and the Moscow Mathematical Society] Moscow vol. 71 (H3), no. 4, Dec. 1986. Table of contents translated Keldysh, Ludmila - Topological imbeddings in mani-folds, and pseudolsotopy, p. 433. Smirnov, IU.M. - Dimension of growths of bicompact cypansions of proximity topological spaces. Part 2, p. 454.
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- Vol. 72(114), no. 1, Jan. 1967.

  Table of contents translated
  Kolobeinik, IU F Some applications of the theory
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- MOSCOW, UNIVERSITET, Vestmk, Seriia 1 Matematika, mckhanika [UNIVERSITY, Review, Scries 1 Mathe-matics, Mechanics] Vol. 21, no. 6, Nov. Dec. 1986.
  - Table of contents translated '
    Kucherenko, V. V. Some classes of perturbing operators for strongly continuous semigroups.
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- Vol 22, no. t, Jan. -Feb. 1967.

  Table of contents translated.
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  - of a rotary line by an electronic computer. p. 35. Bondarev, V. G. Weak reflexivity of S-type spaces.
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- *PRIKLADNAIA MATEMATIKA I MEKHANIKA [APPLIED MATHEMATICS AND MECHANICS, Issued by Oddelenie tekhnichcskikh nauk Akademil nauk SSSR [Technological Sciences Department of the Academy of Sciences of the U.S.S.R.]. Moscow, vol.30, no.6, Nov. -Dec. 1966.
- Nov. Dec. 1966.

  Table of contents translated:
  Chernous ko, F. L. Motion of a body containing a cavity partially filled with a viscous fluid. p. 977.
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- р. 1015.
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- Ivantley, IU, P., IAkovley, G.N. Stendy-state conver-tion in the presence of an external magnetic field.
- p. 1140. Birikh, R. V. Note on R. V. Birikh's papera "On the led Coueffe flow," PMM 1965, v. 29, no. 4 and "On minor per installants of a plane-puralled flow."

  "On minor per installants of a plane-puralled flow." with a cubic velocity profile," PMM 1986, v. 50, no. 2. p. 1147.
- REFFRATIVNYI ZHURNAL: MATEMATIKA [JURRAN OF ABSTRACTS, MATHFMATICS], Issued by Votas tornyl institute nauchnol I tekhnicheskel Informated [All-Union Institute of Scientific and Tecture al Information] and others, Moscow, Autorakii okazateli za 1965 g. [Author Index for 1965]
- TEORIIA POLUGRUPP I EE PRILOZHENIIA [ PHICHY OF SEMIGROUPS AND ITS APPLICATIONS]. Surface.
- Table of contents translated.

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- TEORIIA VERGIATNOSTEI I EE PRIMENENHA [ I HECCH OF PROBABILITY AND ITS APPLICATIONS]. Its by Akademija mark SSSR [Academy of Schures of the U.S. S. R. ]. Moscow, vol. II, no. 4, 1966.
  - Table of contents translated.

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- UKRAINSKII MATEMATICHFSKII ZHURNAL JUKRAUHAN RAINSKII MATEMATICAL SOURMAL). Organ of instylational MATHEMATICAL JOURNAL). Organ of instylational of the Academy of Sciences of the Ukralulin S. S.R. ] Kiev, vol. 10, no. 3, 1967. Table of contents translated: IUrit Alekseevich Mitropol'skii; on his 50th birthay

  - Barkovskii, V.V. Expansion in eigentum times of self-adjoint operators corresponding to common elliptic problems containing eigenvalues in the
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- VYCHISLITI'L'NAIA TEKHNIKA [COMPUTER TECH-NOLOGY]. Issued by Moskovskoe vyssiee tekhnicheskoe uchilishche [Moscow Technical College]. Moscow, no. 5, 1966.
  - Table of contents translated

    Anishmov, D. V., Solomatin, N. M. Addition and
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- Pets ov, A. V. Principles of the construction of a long-term memory device, p. 66, 21obin, V. K. Construction of time-pulse converters of voltage to code, p. 75, Sharigm, V. F., Shatalov, H. A. "Digit-displacement" converter with raster grating, p. 88.

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- VYCHISLITEL'NYE METODY I PROGRAMMIROVANIE YCHISLITEL'NYE METODY I PROGRAMMIROVANIE [COMPUTATION METHODS AND PROGRAMMING]. Issued by Vychislitel'nyi tsentr Moskovskogo univer-siteta [Computation Center of Moscow University], Moscow, vol. 5, 1966. Table of contents translated; Bakhvalov, N. S. - Algorithms for the selection of an integration step. p. 3.

- Bakhvalov, N. S. Solution of boundary value problems for a system of ordinary differential equations.
- Tikhonov, A. N., Gorbanov, A. D., Galsarian, S. S. Description of an algorithm for construction of optimal lattices in the solution of Cauchy's problem for ordinary differential equations using the Runge-
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- VYCHISLITEL'NYE SISTEMY [COMPUTER SYSTEMS].
  Issued by Institut matematiki Sibirskogo otdolenija Akademit rank SSR [Institute of Mathematics of the Siberian Department of the Academy of Sciences of the U.S. S. R. ]. Novosibilsk, no. 22, 1966,

  - Table of contents 1 anslated;

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- *ZHURNAL VYCHIŞLII EL'NOI MA'TEMATIKI I MATEMA-TICHESKOI FIZIKI [JOURNAL OF COMPUTER MATH-EMATICS AND MATHEMATICAL PHYSICS], Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.] Mescow, vol. 7, no. 1, Jan. -Feb. 1987
  - Table of contents than shated Kliney, V. V., Kokovkin-Sucherbak, N. I. Minimization of computation algorithms in certain matrix transformations, p. 3.

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- Ponomarev, L. I. Asymptotic representations of spheroidal functions. p. 106.

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### **f** PHYSICS

- AKADEMIIA NAUK SSSR. Izvestita. Fizika zemli [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin, Physics of the Earth]. Moscow, no. II, 1966. Table of contents translated:
- Table of contents translated:
  Kogan, S.IA. Short review of seismic wave absorption theories. Part 1, p.3.
  Kogan, S.IA. Short review of seismic wave absorption theories, Part 2, p.17.
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  Table of contents translated
  - Shamina, O.G. Experimental study of necessary and sufficient characteristics of wave guides, p. 3. Gil'bershtein, P. G., Gurvich, I. I., Pochtovik, V. S. Model studies of two-dimensional seismic wave
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- * AKADEMIIA NAUK SSSR, Izvestiia, Serlia fizicheskala [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulle-tin, Physical Series]. Moscow, vol 31, no.1, Jan. 1967.

  - 1967.

    Table of contents translated.

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- AKADEMIIA NAUK SSSR. Fizicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.3. R. Institute of Physics. Transactions]. Moscow, vol. 35, 1956. Electron and vibrational molecular spectra.
  - Table of contents translated. Antropov, E.T. - Experimental determination of the dipole moment of the transition of γ - and β systems
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- AKADEMIIA NAUK URSR, Kiev, Geofizicheskii sbornik [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Geophysical Papers]. Kiev, no.17, 1966, Physical properties of rocks
  - Table of contents translated Lebedev, T.S., and others, Magnetic properties and
  - composition of sedimentary deposits in equatorial

  - composition of sedimentary deposits in equatorial Atlantic. p. 3, Korniets, D. V. Studying the rate of propagation of elastic waves in granites of Ukrainian shield (under isostatic pressure of up to 1500 bar.). p. 22. Tolstol, M. I., Ostaflichuk, I. M., Moliavko, V. G. Study of metasomatic alterations of rocks according to data of determination of their magnetic sus-
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- AKTINOMETRICHESKII EZHEMESIACHNIK [ACTINO-METRIC MONTHLY]. Issued by Glavnain geofizi-cheskain observatoriia and Leningradskain gidrome-teorologicheskain observatoriia [Main Geophysical Observatory and the Leningrad Hydrometeo ological Observatory]. Leningrad, Nov. (Pt. 1) 1965, publ. 1967.
- CHEKHOSLOVATSKII FIZICHESKII ZHURNAL, CZECHO-SLOVAK JOURNAL OF PHYSICS. Issued by Chekho-slovatskaia akademita nauk [Czechoslovak Academy of Sciences]. Prague, vol. 17, nos. 2-3, 1967.

- *FIZIKA TVERDOGO TELA [SOLID STATE PHYSICS].
  Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 8, no. 11, Nov. 1986.

  Table of contents translated
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- axial compression on radiative recombination in germanium. p. 3177. Tishin, E. A., TSarev, B. M., Existence of a minimum work function of film-type cathodes. p. 3181. Volkov, A. F. Waves in semiconductors with negative differential resistance. p. 3187. Korsunskata, N. E., Lebedeva, N. N., Sheinkman, M. K. Low-temperature photochemical reactions in In₈S₅ single crystals. p. 3196. Sidilarenko, V. I., Spikin, V. I. Microspecti ophotometric study of the effect of dislocations on F-center stability in NaCl-based crystal phosphors, p. 3261. Lebedeva, E. V., Pil'chikov, A. I., Sedietskata, N. S. Instability of spin waves in ferrites with domain structure, p. 3204.
- Instability of spin waves in ferrites with domain structure, p. 3204.

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- LEMINGRAD, GLAVNAIA GEOFIZICHESKAIA OBSERVA-TORIIA [MAIN GEOPHYSICAL OBSERVATORY] Solar Radiation and Radiation Balance Data, Solnechnata radiatella i radiatelonnyi balane, Nov. -Dec. 1985. րսել, 1966.
- LENINGRAD. GLAVNAIA GEOFIZICHESKAIA OBSER-VATORIIA. Trudy [MAIN GEOPHYSICAL OBSERVA-TORY. Transactions]. No. 184, 1866. Actinometry, almospheric optics, and econometry.
  - Table of contents translated: Bellaskii, V. A., Semenchenko, B. A. Uli aviolet radiation at various heights in cloudless acrosol
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- No. 199, 1966. Meteorological instruments and automation of meteorological measurements.
  - Table of contents translated: Protopopov, N. G. Some problems of theory and calculation of spiral wind-sensitive elements.
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- LENINGRAD, NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GIDROMETEOROLOGICHESKOGO PRIBOROSTROE-NIIA. Trudy [Scientific Research Institute OF HYDROMETEOROLOGICAL INSTRUMENT MANUFACTURE, Transactions], No. 15, 1966.
  - MANUFACTURE. Transactions. No.15, 1906.

    Table of contents translated:
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  - functions; survey. p. 40. Shenderovich, I. M. Effect of inertia of device on
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- LIETUVOS FIZIKOS RINKINYS, LITOVSKII FIZICHE-SKII SBORNIK [LITHUAMIAN PHYSICS PAPERS], Issued by Lietuvos TSR Mokslu akademija and Lietu-vos TSR aukstosios mokyklos [Academy of Sciences of the Lithuanian S.S. R. and the Institutions of Higher Learning of the Lithuanian S.S. R.], Vilnius, vol. 8, no. 3, 1906.
- MIROVOI METEROLOGICHESKII TSENTR, Trudy [WORLD METEROLOGICAL CENTER, Transactions], Lenings ad, no.14, 1966, Problems of hydrodynamic short-range weather forecasting and mesometerology.

  Table of contents translated

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- MIROVOI TSF NTR DAMNYKH BI Katalor dann, Ph po meteorologii radernor adhatsh [WORLD DATA CFNTER B1 Catalog of Meteorology and Nuclean Radiation Data] Jun - June 1966 Moscow, July 1966
- MOSCOW, NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ALROKLIMAI OLOGII, Trudy ISCIENTIFIC RE-SEARCH INSTITUTE OF AEROCLIMATOLOGY. Transictions J. Muscow, no. 46, 1966. Problems of marine climatology.
  - Table of contents translated
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  - revealed by study made in northwestern part of Pacific Ocean. p. 21. Shel-htman, A.N. Horizontal visibility over Sen of Japan. p. 49. Birman, B.A. thmospheric precipitation in various regions of Sea of Japan. p 64.
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- MOSCOW, TSENTRAL'NYI INSTITUT PROGNOZOV Meteorologicheskii biulleten' [CENTRAL WTATHER INSTITUTE Meteorological Bulletin], Sep. 1958, րդե1 1959
- MOSCOW, UNIVERSITET, Vestnik Seriis 3 Fizika, astronomina [UNIVERSITY, Review, Stries 3 Physics, Astronom.], Vol 21, no. 6, Nov. Dec. 1986
  - Table of contents translated

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  - Kaptsov, L. N., El' Khalatani, S. M. Output parameters of transistors with strong signals. p., 33.
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  - Approach to space complexification. p. 100, Melikov, 1U.V. Analysis of the (d, α) leaction on light nuclei within the diffraction model. p. 102. Revkevich, G.P. Anomalous increase of the diffuse background in α-CuAl. p. 105. "Lomonosov lectures" at Physics faculty of Moscow State University. p. 108.

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- *OPTIKA I SPEKTROSKOPIIA [OPTICS AND SPECTROS-COPY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 21, no.5, Nov. 1966. Table of contents translated.
  - Gotubovskil, IU.B., Kagan, IU.M., Liagushchenko, R.1. Spectroscopic and probe study of a con-tracted positive discharge column. Part 2. p.525

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- *REFERATIVNYI 7HURNAL MEKHANIKA [JOURNAL OF ABSTRACTS: MECHANICS]. Issued by Institut nauch-noi informatsii Akademii nauk SSSR [Institute of Sci-entific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 2, Feb. 1967.
- *RUSSIA (1923 U.S. S. R.) Ministerstvo vyssbego i

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  - Table of contents translated Morgulis, N. D., Polushker, L. N. Studying the dis-Morgulis, N. D., Polushker, I. N. - Studying the discebange plasma in helium and argon doped with cestum and potassium vapors, Part 1, p. 745.

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    Table of contents translated:
    Ovsitonko, D. IU. Growth and some properties of filliorm motal crystals (whiskers) with summary in English]. p. 547.

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- *BIULLETEN' EKSPERIMENTAL'NOI BIOLOGII I MEDI-TSINY [BULLETIN OF EXPERIMENTAL BIOLOGY
- AND MEDICINE]. Issued by Akademiia mediisinskikh nauk SSSR [Academy of Medical Sciences of the U.S.S.R.]. Moscow, vol. 63, no. 1, Jan. 1907. Table of contents translated:
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- KARDIOLOGIIA [CARDIOLOGY]. Innund by Mindra 224 zdravookh anenita SSSR [Ministry of Health of the U.S.S.R. ]. Moscow, vol. 3, no. 1, Jan. -1 ch. 1 41.
  - Table of contents translated. Mlasnikov, A. I., - Cholesterol and afform has al-
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- KAZANSKII MEDITSINSKII ZHURNAL [KAZAN MLDICAL JOURNAL) — Organ of Minister stvo zdravookhranenda Tatar skot ASSR and Sovet nauchnykh meditsinskikh ebstichesty | Ministry of Health of the Tatar A.S.S.R and the Council of Medical Societies | Kazan, no. 1, Jan - Feb 1967
- *KLINICHISKAIA MFDITSINA [CLINICAL MEDICINE] Published by Minister stvo zdr twockhranentia SSSR [Ministry of Health of the U.S.S.R.] Moscow, vol. 47, no. 12, Doi: 1966, vol. 18, no. 2, Feb. 1967.
- LENINGRAD, GOSUDARSTVENNY! INSTITUT USOVER-SRENSTVOVANIA VRACIEI, ("Trudy) (STATE IN-STITUTE OF POSTGRADUATE TRAINING FOR PHY-SICIANS, (Transactions!), No. 4 (25), 1962. PSIMilati teleskal a klinka I problemy patalogit vvsshei ner vnot delikel nosti (Psychiatric clinic and problems of the pathology of the higher nervous activity.
  - Table of contents translated
    Suchevskil, I. F. Methods of study of the higher
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  Table of contents translated Sengley, P.G., Shulman, E.S., Abramova, I.G.—Basic results and prospects of the control of helminibilasis in man in the U.S.S.R., p. 613
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  - Milgireva, M. F. Variability of the viculent prop-orthes of Endanocha histolytica p. 673. Backov, V. N., Gozodova, G. E., Fonareva, K. S. -Epidemiology of zonotic cutaneous leishmaniasis, Report No. 2: Distribution of zonotic leishmaniasis convoluescents and patients on the territory of
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  - IAmshchikov, A. V. Experience in obtaining molds of the digestive system of fasciola. p. 735. Dukhanina, N. N. Soviet literature on problems of medical parasitology and parasitic diseases published during 1966. p. 737.
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- MEDITSINSKAIA RADIOLOGIJA [MEDICAL RADIOLOGY].
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   Mostow, vol. 7,

  - nally of Heatin of the d.s.s.A. f. Stated, vol. f. no. 10, Oct. 1962.

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  - Frentel', V. Kh., Shchelokova, S. V. Limits of radio-u dication method in malignant neoplasms using p. J. p. 42. Korohuk, I. P. Radioisotopic renography in hyper-tonic states, p. 45. Safronov, E. I., Shamov, V. P., Malykhin, V. M. Case of radiation sickness caused by internal irradia-tion, p. 52.
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- *MEDITSINSKII RE FERATIVNYI ZHURNAL [MEDICAL ABSTRACTS]. Issued by Ministerstvo zdravookhranenia SSSR [Ministry of Health of the U.S. S.R.]. Moscow, Razdel [Section] 1, vol. 11, no. 2, Feb. 1967. Razdel [Section] 3, vol. 11, no. 2, Feb. 1967. Razdel [Section] 4, vol. 11, no. 2, Feb. 1967.
- MEDITSINSKII ZHURNAL UZBEKETANA [MEDICAL JOURNAL OF UZBEKETAN] Issued by Ministerstvo zdravookhranein and Akademia nauk UZSSR [Ministry of Health and the Academy of Sciences of the Uzbek S.S.R.] Tashkent, vol 12, Dec 1966.
- NOUKOGIDE EESTI TERVISHOID [HEALTH SERVICE OF SOVIET ESTONIA], Organ of Eesti NSV Ter-visholu Ministeerium [Ministry of Health of the Estonian S.S.R.], Tallinn, vol. 10, no. 1, Jan. -Feb, 1967. [In Estonian]

- ORDZHONIKIDZE, SEVERO-OSETINSKII GOSUDAR-STVENNYI MEDITSINSKII INSTITUT, Sbornik dauch-nykli trudov (NORTH OSSETIAN STATE MEDICAL INSTITUTE, Papers], no. 10, 1961 [cover 1962]

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- PROBLEMY ENDOKRINOLOGII I GORMONOTERAPII PROBLEMS OF ENDOCRINGLOGY AND HORMONE THERAPY]. Issued by Ministerstvo zdravookhranonia SSR [Ministry of Health of the U.S. S. R. ]. Moscow, vol. 8, no. 8, Nov. -Dec. 1962.
  - Table of contents translated:
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- SOVETSKAJA MEDITSIMA (SOVIET MEDICINE). Or gain of Manster sivo zdravookhranenija RSFSR [Ministry of Health of the R.S.F.S.R. ]. Moscow, vol. 29, no. 10,
- Table of contents translated

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- SUDEBNO-MEDITSINSKAIA EKSPERITZA [FORENSIC JDEBNO-MEDITSINSKAIA EKSPERTIZA [FORENSIC MEDICINE EXPERTISE]. Issued by Ministorstvo zdravookhranentia SSSR [Ministry of Health of the U.S. S. R.]. Moscow, vol. 9, no. 4, Oct. -Dec. 1986. Table of contents translated: Marchenko, N.P. -Changes in the content of potassium in the vitrous body fluid depending on the time of death p. 3.

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- VESTNIK RENTGENOLOGII I RADIOLOGII [REVIEW OF ROENTGENOLOGY AND RADIOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R. ]. Moscow, vol. 11, no. 6, Nov. -Dec. 1966
- Table of contents translated
  Rabkin, I. Kh. Results of the clinical use of X-ray television, p. 3.
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- ZDRAVOOKHRANENIE KAZAKHSTANA [HEALTH SERV-DIDA VOLAHIGABENIE KAZAKHSTANA JIEALTH SERV-ICE OF KAZAKHSTAN J Issued by Minlator stvo zdravookhvanenius Kazakhskoi SSR (Ministry of Health of the Kazakh S.S. R. ] Alma-Ata, vol 27, nos 1(250)-2(251), Jan - Feb 1987. (DNLM)
- ZDRAVOOKHRANENIE ROSSIISKOI FEDERATSII [HEALTH SERVICE OF THE RUSSIAN FEDERATION]. Issued by Ministersivo zdravookhraneniia RSFSR [Ministry of Health of the R.S. F. S. R.]. Moscow, vol.11, no.2, Feb.1967.
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- ZDRAVOOKHRANENIE TADZHIKISTANA [HEALTH SERV-ICE OF TAJIKETAN]. Issued by Ministerstvo zdravo-okhranentia Tadzhikskoi SSR [Ministry of Health of the Tajik S.S.R.]. Dushanbe, vol.14, no.1(75), 1967.
- *ZHURNAL MIKROBIOLOGII, EPIDEMIOLOGII I IMMU-NOBIOLOGII [JOURNAL OF MICROBIOLOGY, EPI-DEMIOLOGY, AND IMMUNOBIOLOGY]. Issued by Ministersivo zdravookhranenita SSSR [Ministry of Health of the U. S. S. R.], Moscow, vol. 44, no. 1, Jan, 1967.

  - Jan, 1907.

    Table of contents translated:
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- Klimovitskaia, V. E., and others. Study of reactogenic and allergic properties of vaccines with a pertusals component in experiments and optional offical
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- Province, p. 154. Lev Aleksandrovich Zil'ber (1804-1966); an obituary.

### b. GYNECOLOGY, OBSTETRICS & PEDIATRICS

- PEDIATRIA [PEDIATRICS]. Published by Ministerstvo zdravockhranentia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol.48, no 2, Feb 1987 (DNLM)
- VOPROSY OKHRANY MATERINSTVA I DETSTVA (PROB-LEMS OF MATERNAL AND CHILD CARE). Issued by Ministerstvo zdravooklu anenila RSFSR (Ministry of Health of the R.S.F.S.R.) Moslow, vol. 12, no. 3,

### c NEUROLOGY & PSYCHIATRY

- *AKADEMIJA NAUK SSSR, Institut vyashet nervnoi dela-tel'nosti, Trudy, Serila patofiziologicheskala [ACAD-EMY OF SCIENCES OF THE U.S.S.R, Institute of the Higher Norvous Function, Transactions, Palifophysio-logical Series]. Moscow, vol. 10, 1902. Voprosy neiro-radiologii [Problems of neuron addology].

  - radiologii [Problems of neuronadiology],
    Table of contents translated:
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  *ZHURNAL NEVROPATOLOGH I PSIKHIATRII [JOURNAL OF NEUROPATHOLOGY AND PSYCHIATRY], Issued by Vsesoluznoe obshchestvo nevropathologists and Psychiatrists]. Moscow, vol. 62, no. 11, 1962.

  Table of contents translated; Shmidt, E. V. Some unresolved problems in the pathogenesis, clinical aspects and treatment of disorders of the large vessels of the head, p. 1601.

  Litvak, L. B. Basic problems in the clinical aspects of lesions of the large vessels of the head in an early period, p. 1607.

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- Vereshchight, N. V. Role of lesions of the extracrantal segment of the vertebral arteries in disorders of cerebral circulation, p. 1654.

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- *ZHURNAL VYSSHEI NERVNO! DEIATEL'NOSTI [JOURNAL ON FIGHER NERVOUS ACTIVITY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U S S R ] Moscow, vol 12, no 6, Nov. Dec. 1962
  - Table of contents translated
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# d OPHTHALMOLOGY & OTORHINOLARYNGOLOGY

- OFTALMOLOGICHESKII ZHURNAL [OPHTHALMOLOG-ICAL JOURNAL]. Issued by Minfster styo zdravookhra-neniia USSR [Ministry of Health of the Ukrainian S.S.R.] Klev, vol.22, no.1, 1987
- ZHURNAL USHNYKH, NOSOVYKH I GORLOVYKH BO-LEZNEI [JOURNAL OF EAR, NOSE, AND THROAT DISEASES]. Issued by Ministerstvo zdravockhranenia USSR [Ministry of Bealth of the Ukrainian S, S, R.]. Kiev, vol. 19, no. 4, July-Aug. 1959, Table of contents translated
  - Professor A.G. Likhachev, on his 60th birthday
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- Vol. 19, no. 6, Nov-Dec. 1959, Table of content, translated. Preobrazhenskit, B.S. Present day principles of the prevention and treatment of angina and chronic
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ARKHIV PATOLOGII [ARCHIVES OF PATHOLOGY]
Issued by Ministerative zdravooldmanenti (588) [811, istry of health of the U.S.S.R.] Mescow, val. 29, no. 12, 1966

Table of contents translated Neprinkhin, G.G. - Atheroselectoris in the anatis a

Sokolova, R 1 - Mechanism of calcinoria of the

- Sokolova, R. 1. Alexandran of care no real pro-active media, p. 7.

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- Survillo, O.N., Naumets, L.G. Plastic report of a defect in the cardiac wall using hypbilize i
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  - Table of contents translated Allabordiev, D. M. - Problems of the effective and climatothorapy of chronic nephriton in Physical
  - All. p. 7.
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  SCIENTIFIC RESEARCH INSTITUTE OF HEALTH RESORT AND PHYSICAL THERAPY, Papers]. Baku, no. 6, 1967. Collection of studies devoted to the work of the joint expedition to the Chubharvard Health Resort.

  - Table of contents translated Guschov, A.G. Foreword, p. 3. Gusanov, Sh. M. Analysis of research on the climate/salmeological resources of Chukharyard. p. b. Salakhov, A. Kh. - Air ionization in the Chukhuryurd

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  - Agaeva, S. G. Effect of the climatic factors of Chikhuryan don the nitrogen metabolism of practically healthy people. Report No. 1: Observation data of 1955-57. p. 41.
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- climate on vegerative enanges in the organism according to data of electrothermometry and electric resistance of the skin. p. 210. Guseinov, A. G. Results of the scientific session at the Chukhuryurd Health Resort. p. 214.
- LENINGRAD. PEDIATRICHESKII MEDITSINSKII INSTITUTE.
  Transactions]. Vol. 37, 1865. Von osy patalogii krovi i krovoobrasicheniia [Problems of the pathology and ch culation of blood], no. 7.
  Table of contents translated Val'dman, V.A. Reactivity of the body. p. 3.
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  - Grigor'eva, O.D. Diphenylamine test and C-reac-
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  - *PROBLEMY GEMATOLOGII I PERELIVANIA KROVI PROBLEMY GEMATOLOGII I PERELIVANIA KROVI [PROBLEMS OF HEMATOLOGY AND BLOOD TRANS-FUSION]. Issued by Ministersivo zchavookhranenila SSSR [Ministry of Health of the U, S, S, R, ]. Moscow, vol. 10, no. 12, Dec. 1955,
    Table of contents translated;
    Chernov, V. A., Safonova, T. S. - Basic trands in the search for antileokemic the apeutic agents, p. 3.
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  Table of contents translated:
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- VOPROSY KURORTOLOGII, FIZIOT ERAPII I LECHEB-ROI FIZICHESKOI KULTURY [PROBLEMS OF REALTH RESORT THERAPY, PHYSICAL THERAPY, AND FXERCISE THERAPY], Moscow, vol. 27, no. 6, Nov. -Dec. 1962.
- Table of contents translated: Bishnevskii, A.S., Pislegin, A.K. Health resort therapy of patients with diseases of the liver and bite ducts. p. 481.

- therapy of patients with discusses of the liver and bitte ducts. p. 481.

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  - Table of contents translated.

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- *VOPROSY ONKOLOGII [PROBLEMS OF ONCOLOGY]. Issued by Ministerstvo zdravookhranenila SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 13, no I, 1967.
  - Table of contents translated
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- Shabad, L. M. Carcinogenic substances and prevention of cancer. p. 3
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- VRACHEBNOE DELO [MEDICAL PRACTICE]. Organ of Ministerstvo zdravookhranenia USSR [Ministry of Health of the Ukrainian S.S.R.]. Kiev, no. 2, Feb. 1987.

  - Table of contents translated:
    Kradinov, A. I. Motor-evacuatory function of the
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- *ANTIBIOTIKI [ANTIDIOFICS]. Issued by Ministerstvo Ar wooknamenta SSR (Ministry of Realth of the U.S.S.R. ]. Moscow, vol 12, no 1, Jan 1967. Table of contents translated
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- GIGIENA TRUDA I PROFFSSIONAL'NYE ZABOLEVA-NIIA [INDUSTRIAL HYGIENE AND OCCUPATIONAL DBEASI S.]. Issued by Miniski istvo zdravok krane-niia SSSR [Miniski y of Health of Im U.S. S.R.] Mos-cos, vol. 11, nos. 2-3, Feb. -Mat. 19a7
- MUDITSINSKAIA SESTRA [MEDICAL NURSE] Baued by Ministersto achayoobbranchila RSISR [Ministry of Health of the R.S.F.S.R.] Moscow, vol 26, nos 3-4, Mai. Apr. 1907

## **L SURGERY & DENTISIRY**

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  - Table of contents translated; Rahavaia, V. P. Microflora of tur (-Podzolic soils In White Russia developed on locas-type loamy soils, p.5.
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- GIDROTE KHNIKA I MELIORATSHA [HYDRAULIC ENGINETRING AND RECLAMATION]. Issued by Ministersivo sel'skogo khozlaistva SSSR and Ministry of Agriculture of the U.S.S.R. and the Ministry of Agriculture of the U.S.S.R. and the Ministry of Reclamation and Water Resources Management of the U.S.S.R.]. Moscow, vol.14, no.5, May 1962.

  Table of contents translated Belibudov, A.K. Improvement and development of saline solts in Azerbaijan, p.3.

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- IRKUTSK. SEL'SKOKHOZIAISTVENNYI INSTITUT Izvestiia [AGRICULTURAL INSTITUTE, Bulletin]. No. 24, 1862.
  - Table of contents translated.

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- bases and practice for the use of FSP-3, 45 desorp-tion gas preparation. p. 34. Sevriukova, I., F. Studying new methods for ridding millet of smut. p. 41. Novikova, T.N. Effect of some chemical substances on the resistance of wheat to leaf rust. p. 45.

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- KHIMIIA V SE L'SKOM KHOZIAISTVE [CHEMISTRY IN HIMILA V SE L'SKOM KHOZIAISTVE [CHEMISTRY IN AGRICULTURE]. Organ of Gosudarstvennyl komitet khimicheskoi promyshlennosti pri Gosplane SSSR and Ministerstvo sel'skogo khoziaistva SSSR [State Committee for the Chemical Industry, Attached to the State Planning Committee of the U. S. S. R. and the Ministry of Agriculture of the U. S. S. R. ]. Moscow, vol. 5, no. 1, Jan. 1987.

  Table of contents translated:
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- Shcherbakov, A. M. Change in the physical and mechanical characteristics of mineral fertilizers during their application. p. 14.

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- KREST'IANKA [THE PEASANT WOMAN] Published by Ird-vo [Publishing House] "Pravda." Moscow, vol 45, no 3. Mar 1967.
- LENINGRAD, AGROPIZICHESKII NAUCHNO-ISSLEDO-VATEL'SKII INSTITUT, Biulieten nauchno-teklini-cheskoi informatsii po agronomicheskoi fizike [AGRO-PHYSICAL SCIENTIFIC RESEARCH INSTITUTE, Bul-
- PHYSICAL SCIENTIFIC RESEARCH INSTITUTE. Bulletin of Sciontific and Technical Information on Agronomic Physics], no. 8/9, 1960.

  Table of contents translated Academician Abram Fedorovich Ioffe, obituary. p. 3. Chudnovskii, A. F. Principal experimental researches on the heat conductivity of semiconductors. p. 8. Kaganov, M. A., Lisker, I. S. Determination of certain physical characteristics of semiconductors under nonstationary conditions. p. 27.

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- LENINGRAD SEVERO-ZAPADNYI NAUCHNO ESILIDO VATELISKII INSTITUT SILISKOGO KHOZIAETVA. Nauchnyo tudy [NORTHWESTERN SCIENTII IC RESEARCH INSTITUTE OF AGRICULTURE Studies] No.11, 1986
- MEKHANIZATSHA I ELEKTRIFIKATSHA SOTSHALISH-CHESKOGO SEL'SKOGO KHOZIAISTVA [MECHAMI-ZATION AND ELECTRIFICATION OF SOCIALISH AGRICULTURE]. Issued by Minister atvo sel'sko_no khozinatva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 25, no. 2, 1967.
  - U.S.S.R.]. Moscow, vol. 25, no. 2, 1967.

    Table of contents translated:
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- MEKHANIZATSHA SIL'S'KOHO HOSPODARSTVA [MICHANIZATION OF AGRICULTURE]. Organ of Ukrab Treob"ledmannia Rady Ministriv URSR "Ukralifusph ki-alka" [Ukrahizah Association "Ukrahi "Bespitkhaha" of the Council of Ministors of the Ukrahizah S.S.R.] Klev, vol. 17, no. 3(195), Mai. 1906; vol. 18, no. 2(204), Feb. 1907.
- MOSCOW, INSTITUT INZHENEROV ZEMLEUSTROI-STVA. Trudy [INSTITUTE OF LAND UTILIZATION ENGINEERS. Transactions], No.31, 1065
- MOSCOW, MOSKOVSKAIA SEL'SKOKHOZIAETYFNNAIA AKADEMHA IM, TIMIRIAZFVA, Doklady [Timiria-ZEV AGRICULTURAL ACADEMY OF MOSCOW, Reports], No. 44, 1969. Mechanization and electrifica-tion of agriculture, goodesy, Table of contents translated:

  - Karpenko, A. N. Immediate tasks of the oversit mechanization of farming, p. 5. Listov, P. N. Recent developments in the mechani-zation and electrification of agriculture based on the materials of the World Exhibition of 1958 in Brussele p. 18
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  Raloshint, O V., Sololova, N I, Significance of
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- Golubeva, Z.S. Studying a new linear planimeter.
- No 45, 1959 Zontechny
  Table of contents translated:
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- Bolko, M.S. Effect of the microcilimate of a swine house on the growth and physiological state of awine kept in large groups and without pens p.151.

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- *POCIIVOVEDENIE [SOIL SCIENCE], Issued by Akademita nauk SSSR [Academy of Sciences of the U. S. S. R.], Moscow, no.3, Mar.1960,

  - Table of contents translated:
    Kononova, M. M., D'iakonova, K. V. Organic matter
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- No. 4, Apr. 1980, Table of contents translated:
- Table of contents translated:
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- No.1, Jan. 1967. Table of contents translated. Gayrilluk, F.IA. Criteriops of soil classification.
  - Andronikov, V.L., Development of nertal methods
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    Simakova, M.S. Interpretation of aerial soil photographs of soil cover of the subzone of turf-podzolic
  - graphs of soit cover of the subscript of test-reactions soils. p.19.
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  - Prendskov, V. F., lokhektson, S.V., Churkin, V. N. -Potassium, radium, and thorium in the top layer of soils in the Caucasus, p. 41.
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- Chekalova M.f. Effect of soil characteristics on ash composition in annual spruce needles and birch and rown leaves, p.98.

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  Rode, A.A. Water in the unsaturated zone (a symposium in Holland, 1966), p.126.
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  Bazhenov, N. K. Development of holl science in Klightzistan and its ferther tasks. p.135.

  Bibliography, p.146.
- Saratov, institut mekhanizatsh seljskogo KHOZIAISTVA. Trudy [INSTITUTE OF THE MECHA-NIZATION OF AGRICULTURE. Transactions.] No. 24,
  - NEZATION OF AGRICULTURE. Transactions.) No. 1 1901. Resistance welding. Table of contents translated' Sokolov, N.M. Necessity of scientific justification of technical specifications for the equipment of
- sociolo, N.M. Necessity of scientific justification of technical specifications for the equipment of resistance wolding, p. 3.

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  Komarov, E.I. Elliminating the vibration of contacts in valve-type relays, p. 73.

  Kanter, I.I., and others Using induction heating for hardening bearing rings, p. 77.

- SARATOV, SEL'SKOKHOZIAISI VENNYI INSTITUT, Tudy [AGRICULTURAL INSTITUTE, Transactions], Vol. 15, pc. 3, 1965, Forest management and forest improvement,
  - Table of contents translated:
    Akaemova, Z.I. Indices of the productivity of oak
    copples wood in various types of foresis in Saratov

  - copplee wood in various types of forests in Saratov Province, p. 3.

    Barabanshchikov, A. S. Genetic relations of oak forests of the wood-mendow-grass type with mixed oak and pine forests, p. 6.

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- SEL'SKAIA NOV' [RURAL NEWS] Issued by Ministerstvo sel'skogo khozalistva SSSR [Ministry of Agriculture of the U.S.S.R.] Kiev, o. , no 2, Feb 1987 (DNAL)
- SEL'SKII MEKHANIZATOR [ RURAL MECHANIC] Issued by Ministerstvo sel'skogo i hoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.] Moscow, no.2, Feb 1987
- SEL'SKOE KHOZIAISTVO, sistematicheskli ukazatel' L'SKOE KHOZIAISTVO, sistematicheskii ukazater statei v nostrannykh churnalakh [AGRICULTURE, Classed Index of Aitteles in Foreign Periodicals], Issued by TSentral'naia nauchnain sel'skokhoziaistven-naia biblioteka and Vsesoluznaia gosudai stvennaia biblioteka inostrannoi hieratury [Central Agricultural Librat, and the All-Union State Library of Foreign Luterature]. Moscow, no.1(129), 1967.
- SEL'SKOE KHOZIABT VO KAZAKHSTANA [AGRICUL-TURE OF KAZAKHSTAN] Issued by TScntral'nyl Komitet Kommunistæheskol partin Kazakhstana [Cen-tral Committee of the Communist Party of Kazakhstan] An a-Ata, no 2, Feb 1967
- SEL'SKOE KHOZIAISTVO KIRGIZII (AGRICULTURE OF KIRGHIZIA] Issued by Minister sity selfskogo Phoznistva Kirgizskol SSR [Ministry of Agriculture of the Kirghiz S.S.R.] Frunze, vol. 13, no. 2, Feb. 1967
- SEL'SKOE KHOZIABTVO MOLDAVII [AGRICULTURE OF MOLDAVIA] Issued by Munsterstvo sel'skogo khozustava Moldwskoi SSR [Minstry of Agriculture of the Moldavan S S R,]. Kishinev, vol. 12, no 2,
- SEL'SKOE KHOZIABTVO TADZHIKISTANA [AGRICULTURE OF TAJIKISTAN] Organ of Ministerstvo sel'skogo khoziaistva Tadzhikskoi SSR [Ministry of Agriculture of the Tajik S S.R.] Dushanbe, vol 21, pp. 9-3, 23, Ech. Mo. 1067 nos 2-3, Fcb -Mai 1967
- SEL'SKOE KHOZIABTVO TURKMENISTANA [AGRICUL-TURE OF TURKMENISTAN AGRICULTURE OF TURKMENISTAN AGRICULTURE OF TURKMENISTAN I Issued by Ministerstvo sol'slogo khozimstva Turkmenskot SSR [Ministry of Agriculture of the Turkmen S S.R.] Ashkhubad, vol 11, no.1, Jan 1967
- SEL'SKOE KHOZIAIST VO UZBEKISTANA [AGRICUL-TURE OF UZBEKISTAN] ISsued by Ministerstvo sel'skoge khoziaistva Uzbekskoi SSR [Ministr y of Agriculture of the Uzbek S.S.R.] Tashkent, nos 1-2, Jan. - Feb 1967
- SEL'SKOKHOZIAISTVENNAIA LITERATURA SSSR [AGRICULTURAL LITERATURE OF THE U.S.S.R.]. Issued by TSentral'India nauchnata sel'skokhoziaistvennata biblioteka [Central Agricultural Library]. Moscow, nos. 1-2, 1967.
- SEL'SKOKHOZIAISTVENNOE PROIZVODSTVO NECHER-DESCANDOZ RISTVENNOE PROIZVODSTVO NECHER MOZEMNOI ZONY [AGRICULTURAL PRODUCTION OF THE NON-CHERNOZEM ZONE]. Organ of Mini-sterstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F S.R ] Moscow, vol.5, no.3, 1967.
- SEL'SKOKHOZIAETVENNOE PROIZVODSTVO POVOL-ZH'IA [AGRICULTURAL PRODUCTION OF THE VOL-GA VALLEY] Issued by Ministerstvo sel'skogo khozlaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Saratov, vol 13, nos.2-3, Feb -Mar.
- SEL'SKOKHOZIAISTVENNOE PROIZVODSTVO SEVER-LISAGROZALBIVERROLE PROIZVODSTVO SIVER-MOGO KAYKAZA I TSCHO [AGRICULTURAL PRO-DUCTION OF THE NORTHERN CAUCASUS AND THE CENTRAL CHERNOZEM REGION] Organ of Mini-stersivo sel'skogo khozinistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Krasnodar, vol 10, no. 3. Mar. 1967. no.3. Mar. 1967.

- SEL'SKOKHOZIA STVENNOE PROIZVODSTVO SIBIRI I DAL'HEGO VOSTOKA [AGRICULTURAL PRODUCTION OF SIBERIA AND THE I'AR EAST] Issued by Ministerstvo sel'slogo Phoriativa RSTSR [Ministry of Agriculture of the R.S.F.S.R.] Omsk, vol. 11,
- SEL'SKOKHOZIA ISTVENNOE PROIZVODSTVO URALA L SACKHOLATH VENNOL PROJECTION OF THE URALS]
  Of gan of Ministers two sel'skoge khoziajstva RSFSR
  [Ministry of Agriculture of the R S F.S.R.] Sverdlovsk, vol 5, no 2, Feb. 1967
- SOTSIALISTLIK POLLUMAJANDUS (SOCIALIST AGRI-CULTURE), Issued by Eesti NSV Pollumajanduse Ministerium (Ministry of Agriculture of the Lstonian S.S.R.), Tallian, vol. 22, nos. 3-5, Feb. -Mat. 1907 In Estonian]
- TEKHNIKA V SEL'SKOM KHOZIAISTVE (MACHINERY RACHICULTURE]. Issued by Ministerstvo sel'skogo khozialstva SSSR [Ministry of Ag Iculture of the U.S.S.R.]. Moscow, vol.21, no.12, Dec. 1961.

  Table of contents translated.
- Increase the rate and quality in repairing agricultural machinery. p.1.
- Kavun, V., Chemus, V. Mechanization of pea cultiva-tion. p. 1
- tion, p.; Maimistov, I. Production of fertilizers, p. 7. Gleiberzen, D., Kuznetsova, M. Use of holes for re-taining the water from melting snow, p. 8. Azenshieth, T. Mechanized ridging of single-eyed
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- Barabanov, V. Change in the polarity of the network : of the electrical equipment of automobiles, tractor, and has vesters, p. 86.
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- Vol 26, no 12, Dec 1966, Table of contents translated:
  - Table of contents translated: Let us honor the 50th anniversary of the Great October with new achtevements p.1 Ksynkin, G., Bobrovskii, V., Galvoronskii, N., Dispatcher control of agricultural production

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- VISNYK SIL'S'KOHOSPODARS'KOI NAUKY [REVIEW OF AGRICULTURAL SCIENCE] Issued by Ministerative sil's koho hospodarstva Ukrains Voi RSR [Ministry of Agricultural Sciences of the Ukraintan S.S.R.] Kiev, vol 10, no 2, Feb 1967
- VSESOIUZNAIA AKADEMIIA SEL'S KOKHOZIAISTVEN-NYKH NAUK IMENI V. I. LENINA. Doklady [LENIN ALL-UNION ACADEMY OF AGRICULTURAL SCI-ENCES, Reports]. Moscow, no. 9, Sep. 1988.
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- ZERNOVOY, AZOVO-CHERNOMORSKII INSTITUT ME-KHANIZATSH SFL'SKOG KNOZIAISTVA. Soornik nauchnykh statel [AZOV-BLACK SEA INSTITUTE FOR THE MECHANIZATION OF AGRICULTURE, Papers]. Rostov-on-Don, no.14, 1958.
  - Rostov-on-Don, no. 14, 1958.

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- MOSCOW, VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'-SKII INSTITUT MORSKOGO RYBNOGO KHOZIAI-SKII INSTITUT MORSKOGO RYBNOGO KHOZIAI-STVA I OKEANOGRAFII, Stornik izobretenii v ryb-noi promyshlennosti za 1981 g. [ALL-UNION SCIENTIFIC RESEARCI: INSTITUTE OF MARINE FISHERIES AND OCEANOGRAPHY, Papers on Inventions in the Fishing Industry for 1981], Moscow, 1982. Table of contents translated Kuznetsov, A V - Method of mixing fish eggs in the process of their incubation in the Wels appara-

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### c FORESTRY

GIRIOS; "Musu gamios" zhurnalo miskininkysles griedas [FORESTS; Forestry Supplement to the Periodical "Our Nature"]. Vilnius, 200, 1-2, 1867. [In Lithuanian]

KIIMKI. TSENTRAL'NYI NAUCHNO-ESLEDOVATE L'-SKII NSTITUT MEKHANIZATSII I ENERGETIKI LE-SNOI PROMYSHLENNOSTI. Tridy (CENTRAL SCIEN-TIFIC RESEARCH INSTITUTE OF MECHANIZATION AND USE OF POWER IN LUMBERING Nos. 68-69, 1965

LENINGRAD, NAUCHNO-ISSLEDOVATEL'SKII INSTI-

EMINGRAD, NAUCHNO-ISSLEDOVATEL'SKII INSTI-TUT LESNOGO KHOZIAISTVA. Soenik nauchno-issle-dovatel'skikh rabot po lesnomu khoziaistva (SCIEN-TIFIC RESEARCH HISTITUTE OF FORESTRY, Pa-pors on Forestry]. Loscow, no. 6, 1933. Table of contents translated: Trishin, V.S., Tkachenko, O.A., Vorob'ova, T.M. -Possibilities of increasing labor productivity in forestry in relation with combining forest manage-ment and lumbering functions in one enterprise. p. 5.

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- TRVI.10V005TVO [LIORICHTELIBRE] Insuch by Mint ateratyo nel'akogo khozheistva bisht [Maniarry of April culture of the U.S. S. R. [ Mostow, vol. 10, 10, 1]. (LANO)
- VINODETAE I VINOGRADARS I VO RESE [WRI] MALUSO ROBLINE I VIRGORADARE) VO 3554 [1973] MALINA AND VIRGULATHE BETTHE I, 32, 37, 11]. On a first Ministeriatvo piahehevoi promyahlemoati 1554 and EScuttal Ince praviente Rauchao (Global la skop, ordi-alsehentya piah hevoi promyahlemoati [Ministry of the Food budustry of the U.S. 3, 12, and the Central Admin-litration of the Belentific Technological Society of the Tool Industry. Means and 32, 37, a control for Lood Industry |. Mostow, vol 27, no 3(940), 1987
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  - Industry and Mining!, Moscow, vol II, no.1, Jan. 1967
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- *IZOBRETENIA, PROMYSHI.FNNYF OBRATTSY, TO-VARNYF ZNAKI [INVENTIONS, INDUSTRIAL SAM-PLFS, TRADEMARKS]. Issued by Komilet go delam izobretenii i otkrytii gri Sovete Ministrov SSSR (Com-mittee on Inventions and Discoveries, Atlached to the Council of Ministers of the U.S.S.R.). Moscow, vol. 44, nos. 3-4, 1967.
- Transactions), No. 260.
- LEMINGRAD, POLITEKHINICHESKH INSTITUT, Trudy [POLYTECHNIC INSTITUTE, Transactions], No. 26 1965. Plustic working of metals.

  Table of contents translated.
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- NAUKA I TEKINIKA [SCIENCE AND TECHNOLOGY].
  Issued by Gosudarstvannyl komitet Boveta Ministrov
  Latvilskoi SSR po koordinatsii nauchno-lasledovatel'skiki rabot [State Committee of the Council of
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### CHEMICAL TECHNOLOGY

- AKADFMIIA NAUK URSR, Klev. Instytut vykorystamia gazu v kommunal'nomu hospodarstvi ta promyslovosti. Pratsi [ACADFMY OF SCIENCES OF THE UKRAINIAN S. S. R. Institute of Gas Utilization in the Communal Peonomy and in Industry. Transactions]. Kiev, vol. 7, 1959.
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  - Table of contents translated Masumian, V.IA., Nadzharova, A.A., Daniellan, M.K. Treatment of oils prior to refining (2nd
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*KOKS I KHIMHA [COKE AND CHEMISTRY]. Organ of Gosudarstvennyl komited po chernel i isvained melallurgil pri Gosplane SSR [State Committee for Ferrous and Nonferrous Metallurgy, Attached to the State Planning Committee of the U.S. S. R., ] and others. Moscow, no. 5, 1062.

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- LENINGRAD, GCSUDARSTVENNYI INSTITUT PRIKLAD-NOI KHIMII, Trudy [STATE INSTITUTE OF APPLIED CHEMISTRY, Transactions], No. 47, 1962. Collec-tion of papers on the overall utilization of natural brines and production of pot pyrolusite.
  - Table of contents translated
  - Shoikhet, B A .. Overall processing of Sivash brines.
  - Sholl het, B. A., Lange, B. IU. Overall processing of debrumin and Swash brines to magnesium oxides
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- LENINGRAD, GOSUDARSTVENNYI NAUCHNO-ISSLEDO-VATEL'SKII INSTITUT GIDROLIZNOI I SUL'FITNO SPIRTOVOI PROMYSHLENNOSTI, Spornik trudov [STATE SCIENTIFIC RESEARCH INSTITUTE OF THE HYDROLYTIC, SULFITE, AND ALCOHOL INDUS-TRY. Papers]. Moscow, vol.14, 1965.
  - Table of contents translated*
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- MASLOBOINO-ZHIROVAIA PROMYSHLENNOST' [OILS ASLOBOINO-ZHROVATA PROMYSHLENNOST* [OILS AND FATS INDUSTRY]. Organ of Gosudarstvennyl komitet po pishchovol promyshlennosti pri Gosplane-SSSR and Tžentral moe pi aviente Nauchno-tekhnicho-skogo obscheelstva pishchevol promyshlennosti [State Committee for the Food Industry, Attacked to the State Planning Committee of the U.S. S. R., and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 32, no. 10. Cet. 1956.
  - cal Society of the root managery, had no. 10, Oct. 1986.
    Table of contents translated;
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- NAUCHNO-ISSLEDOVATEL'SKII INSTITUT SINTETI-CHESKIKH ZHIROZAMENTELEI I MOIUSHCHIKH SREDSTY, Trudy (SCIENTIFIC RESEARCH INSTI-TUTE OF SYNTHETIC FAT SUBSTITUTES AND DETERGENTS, Transactions), Moscov, no. 2, 1961,
  - Table of contents translated,
    Veselov, V V., Siperva, Z. V., Brusenina, L. I. Borle acid functions in the process of exidation of
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  - Veselov, V. V., Pedalas, V. M. Role of dispursity and preliminary dehydration of boric acid during its use in the process of oxidation of paraffin hydro-
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- *PLASTICHESKIE MASSY [PLASTICS], Organ of Ministersive khimicheskei promyshlennosti SSSR [Ministry for the Chemical Industry of the U.S.S.R.]. Moscow, no.1, 1967
  - Table of contents translated Losev, I.P., Khruleva, I.M. Synthesis of highly brist monofunctional water-soluble polyelectrolytes

  - p 3.
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- SAKHARNAIA PROMYSHLENNOST' [SUGAR INDUSTRY].
  Organ of Gosudarsivennyl komitet po pishchevol
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  praviente Nauchno-tekhnicheskogo obshchestva prishlehvol promyshlennosti [State Committee for the
  Food Industry, 'diached to the Sinte Planning Committee of the U.S.S.W., and the Central Admindstration of the actent in Technological Society of the
  Food Industry]. Noscow, vol. 41, no.1, Jan. 1067.
  Table of contonis translated.
  - Let's work successfully in 1967, the anniversary year,
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  - Table of contents translated:
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- *ZHURNAL PRIKLADNOI KHIMH [JOURNAL OF APPLILD CHEMISTRY]. Issued by Akademila mark SSSR [Academy of Sciences of the U.S. S. R.], Moscow, yol, 34, no.6, June 1961.

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Concrete. Transactions J. Moscow, no. 18, 1901,
Table of contents translated:
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Table of contents translated Altynova, A. L., Tallev, V. N. - Full-scale examina-tion of the ventifulion of open-hearth plants and rolling mills of the Nizhuiy Tagil Metallurgical

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LENINGRAD, INSTITUT INZHENEROV ZHELEZNO-DOROZHNOGO TRANSPORTA, Sbornk trudov [INSTITUTE OF RAILROAD TRANSPORTATION ENGINEERS, Papers], Moscow, no. 232, 1964. Elements of power circuits of diesel locomotives.

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LENINGRAD, INZHENERNO-STROTTEL'NYI INSTITUT. Sbornik nauchnykh trudov [CIVIL ENGINEERING INSTITUTE, Papors], No.38, 1962, Studies in the field of descriptive geometry.

Table of contents translated:

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- Table of contents translated

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STROITEL! [THE DUILDER] Organ of Gosudarstvennyi komitet po delam stroitel'stva SSSR and TSentral'nyt komitet Profsoiuza rabochikh stroitel'stva i promyshlennosti stroitel'nykh materialov [Slate Committee for Construction of the U.S. S.R. and the Central Committee of the Trade Union of Construction and Buildleg Materials Workers] Moscow, vol.12, no.3(138), Mar. 1087.

STROTTEL MAIA MEKHANIKA I RASCHET SOORUZHE-NII [STRUCTURAL MCCHANICS AND CONSTRUC-TION CALCULATIONS]. Issued by Gosudarstvennyi komitet po delam stroitel'stva SSSR [State Committee komitot po defini stroiter style son [sine committee for Construction in the U.S.S.R.]. Moscow, vol.9, no.1 (49), 1987.

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- ELF KTRICHESKIF STAN ISH [ELF CTRIC POWER STATIONS]. Organ of Ministerstvo energetiki i elektrifikatsit SSSR and Nauchno-tekhnicheskoe obela hestvo energeticheskoi promyshlennosti [Ministry of Power and Flecti Hication of the U.S.S.R. and the Scientific Technological Society of the Power Industry]. Moscow, vol. 33, no. 3, Mar. 1962
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- *FLEKTRONNAIA OBRABOFKA MATERIALOV [ELEC-TRONIC PROCESSING OF MATERIALS]. Issued by Institut prikiadnoi fiziki Akadomii nauk Moldavskoi SSR [Institute of Applied Physics of the Academy of Sciences of the Moldavian S.S.R.]. Kishinev, no. 1(7),
- Sciences of the motion.

  Sciences of the motion.

  Table of contents translated.

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- *ELEKTROSVIAZ' [TELECOMMUNICATION]. Organ of Ministersive sviazi SSSR and Nauchno-tekhnicheskoe
- obshchestvo radiotekhniki i elekti osviazi im. A.S. Popova [Ministry of Communication of the U.S.S. R. repose jaunistry of Communication of the U.S.S. R. and the A.S. Popov Scientific Technological Society of R dio Engineering and Telecommunication]. Moscow, vol. 21, no.1, Jan. 1967.

  Table of contents translated
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- ENERGETICHES KOE STROITEL'STVO, sbornik materialov po obmenu opytom [POWER CONSTRUCTION, Collection of Materials for the Exchange of Experience],
  Issued by Tekhnicheskoe upravienie Ministe stva
  stroitel'stva elektrostantsii SSSR [Technical Administration of the Ministry for the Construction of
  Electric Power Stations of the U.S.S.R.] Moscow,
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  - Table of contents translated.

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  In the Councit on New Equipment of the Ministry of Power Engineering and Electrification of the U. S. S. R.
- ENERGETIKA I ELEKTRIFIKATSIIA [POWER ENGI-NEERING AND ELECTRIFICATION]. Issued by Go-sudarstvennyi planovyi komitet Soveta Ministrov USSR [State Planning Committee of the Council of

  - USSR [State Planning Committee of the Council of Ministers of the Ukrainfan S.S.R.] and others. Kiev, no. 6(30), Nov. -Dec. 1986.

    Table of contents translated. Power industry Day. p. 3.
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- ENERGORHOZIAISTVO ZA RUBFZHOM; prilogionio k zburnalu "Elektichenkie stantshi" [ELECTRIC POWER PRODUCTION AND UTILIZATION IN FOREIGN COUNTRIES, Supplement to the Periodical "Liettic Power Stations"]. Issued by Gosudarstvennoe energetichenkoe izdateľstvo [State Power Engineering Publishing House]. Moscow, no. 1, Jan. Feb. 1987.
- LATVIJAS PADOMJU SOCIALISTISKAS RE PUBLIKAS
  ZINATNU AKADEMIJA, Elektronikas un skaltlognias
  telnikas instituts. Avtomatika i vychisiliei nata
  tekninka [AČADEMY OF SCIENCES OF THE LATVIAN
  S.S.R. Institute of Electronics and Computer
  Technology, Automatic Control and Computer Technology], Riga, vol. 8, 1965.
- LENINGRAD, ELEKTROTEKHNICHESKH INSTITUT SVIAZI Tiudy nauchno-tekhnicheskol konferentni LES INSTITUTE OF ELECTRICAL COMMUNICA-TION ENGINEERRIG. Transactions of the Scientific Technological Conference LEB] Nos. 1-2, 1905.
- RADIO, Organ of Ministerstvo sylazi SSSR and Vscsaluznoe debt over nee obslichestve sodelstvila armit, aviatsil i flote Ministry of Communication of the U.S. S. R. and the All-Onto Voluncer Suciety for Assistance to the AFD, Air Force, and Navy]. Moscow, no. II, Nov. 1966.
  - Table of contents translated
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- REFERATIVNYI ZHURNAL: ELEKTRONIKA I CF PRI-HERALIVAYI ZHURNAL: ELEKTRONIKA I IF PRI-MENENIE [JOURNAL OF ADSTRACTS FLICTRONICS AND ITS APPLICATION]. Issued by Vsesoturnyi Institut nauchnoi I tekhulcheskoi Informatisi [All-Union Institute of Scientific and Technical Information] and others. Moscow, nos. 2-3, Feb. -Mai. 1967.
- RUSSIA (1923 U.S.S.R.) Ministerstvo vysshogo i srednego spetsial nogo obrazovanita, Izvestila vys-shikh uchelnykh zavedenit; elektromekhanika [Minsity of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Elec-trical Machinery and Apparatus]. Novocherkassk, vol. 0, no. 12, 1966.
  - vol. 9, no. 12, 1966.

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## f INDUSTRIES & TRADES

- BUMAZHNAIA PROMYSHLENNOST' [PAPER INDUS-UMAZHNAIA PROMYSHLENNOST' [PAPER INDUSTRY], Organ of Gosudarstvennyl komitet pe lesnot, tselliduczne-bumazhnoi, delevoobrabatyvatushchei promyshlennosti i lesnomu khoziaistve pri Gosplane SSSR and Tšentral'ince pi avdenie NTO bumazhnoi i delevoobrabatyvatushchei promyshlennosti [State Committee for the Folest, Woodpulp, Paper, and Woodwol king Industries and Forestry, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Paper and Woodwol king Industry]. Moscow, vol. 37, no.5, May 1062.

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- KHLEBOPEKARNAIA I KONDITERSKAIA PROMYSHLEN-NOST' [DAKING AND CONFECTIONERY INDUSTRY]. Organ of Gosudar stvennyl komitet po pishchevol pro-myshlennosti pri Gosphane SSSR and TSentral noc Organ of Gosudar stvennyl komitet po pishchevol promyshlemnosti pri Gosplane SSSR and TSentral 'noe pravlenie Nauchno-tekhnicheskogo obsichestva pishche voi promyshlemnosti [State Committee for the Food Industry, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Food Industry], Moscow, vol. 10, no. 12, Dec. 1966.

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  TSentral'noe pravlenie NTO legkoi promyshlennosti
  [Ministry for Light Industry of the U. S. S. R. and
  the Central Adminish ation of the Scientific Technological Society of Light Industry]. Leningrad,
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  - vol. 8, no. 11, Nov. 1990

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  AND WOODWORKING INDUSTRY], Issued by I 'vov54:1 lesotel-inicheskii institut [Lvov Institute of Wood
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- LISOVE HOSPODARSTVO, LISOVA, PAPEROVA I DE-REVOOBROBNA PROMYSLOVIST' [FORESTRY, FOR-EST, PAPER, AND WOODWORKING INDUSTRY]. Issued by Respublikans ki naukovo-technichni tova-rystva paperovoi i derevoobrobnoi promyslovosti, lirystra paperoval turrovarional promystovosti, n-sovoi promyslovosti i lisovoho hospodarstva [Republic Scientific Technological Societies of Paper, Wood-working and Forest industries and Forestry]. Kiev, no.1 (31), Jan. -Feb. 1967. Table of contents translated; Romanov, I. V. - Starting the 1967 anniversary year, p. 1.
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- MIASNAIA INDUSTRIIA SSSR [MLAT INDUSTRY OF THE U.S.S.R.]. Organ of Ministersive mins of t molech-not promyshlennosti SSSR and TSentratince praylents Nauchno-tothmicheskogo obshichestva pishchevol pro-myshlemosti [Ministry for the Meat and Datry In-dush y of the U. S. S. R. and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 38, no. 1, Jan. 1967.
  - Table of contents translated Competition in honor of the Great October Revolution
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  - MCSCOW, ISENTRAL'NYI NAUCHNO-ISSLEDOVATEL'-SKH INSTITUT PROMYSHLENNOSTI LUBIANYKH VOLOKON, Nauchno-Issicdovatel'side trudy [CEN-TRAL SCIF NTIFIC RESEARCH INSTITUTE OF THE BAST FIBER INDUSTRY, Scientific Research Papers]. Vol. 21, 1900.

    - Vol. 21, 1906.

      Table of contents translated:

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- Vol 22, 1966.

  Table of contents translated.
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  - Moscow, Tsentral'nyi nauchno-issledovatel'-srii institut sherstianoi promyshlennosti; Nauchno-issledovatel skie trudy [CENTRAL SCIEN-TIFIC RESLARCH INSTITUTE OF THE WOOL IN-DUSTRY, Scientific Research Papers], No. 20, 1985.

    - DUSTRY, Scientific Research Papers; No. 20, 1996.

      Table of contents translated;
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- Kulagina, M. I., Serdinova, A. G., Efimenko, V. I. Studying the properties of yain produced by the
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  Trudy (ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF THE CONTECTIONERY INDUSTRY. Transactions]. No.17, 1966.

  Table of contents translated;
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  - MUKOMOL'NO-ELEVATORNAIA PROMYSHLENNOST" UKOMOL NO-ELEVATURNAIA PROMYSHLENNOST"

    [FLOUR MILLING AND GRAIN STORAGE]. Organ of Gosudarstvennyl komitet zagotovok Soveta Ministrov SSSR [State Committee for Procurement of the Council of Ministers of the U.S. S.R.]. Moscow, vol. 26, no. 3, Mar. 1960.
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  Table of contents translated Economical reform at the enterprises of grain products and feed industry in the new year of 1967.
  - n. 1. Platonov, A. - First results and tasks of the further
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- OBSHCHESTVENNOE PITANIE [PUBLIC FOOD SERV-ICE]. Issued by Gosudarstvennyl komitet Soveta Ministrov SSSR potorgovie [State Committee of the Council of Ministers of the U S.S.R. for Commerce].

  Moscow, nos.2-3, Feb -Mai. 1937
- REFERATIVNYI ZHURNAL LEGKAIA PROMYSHLEN-NOST' [JOURNAL OF ABSTRACTS LIGHT INDUS-TRY]. Issued by Vsesoluznyi institut nauchnol i tekh-nicheskol informatsii [All- Union Institute of Scientific and Technical Information] and others. Moscow, no. 2, Feb. 1987. Avtorskit ukazatel' za 1966 g. | Jauthor Index for 1986. This lowers it as lase issued in [Author Index for 1966, This journal is also issued in
- RUSSIA (1923 U.S.S.R.) Ministersivo vysehego i srednego spetsial nogo obrazovanija, izvostija vysshikh uchebnykh zavedenii, tekinologija legkoi promyshlemosti [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Technology of Light Industry], Moscow, no. 6 (64), 1966.
  - cow, no. 5 (34), 1800.

    Table of contents translated:
    [spirian, G.P. Use of mathematical (linear) programming for the determination of the optimal plan for the consumption of hard leathers. p. 3.
  - Afanas'ev, V.A., Gryziova, T.A. Correlation study of the effectiveness of specialization in a particular type of goods in the footwear inclusity, p. 9. Pelsakhzon, L. B., Viaz'mina, L. A., Vodianik, R. I. Effect of the transportation factor on the choice of
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  - p. 25.
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- p. 73.
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- SLUZHBA BYTA [SERVICE INDUSTRIES]. Issued by Ministersivo bylovego obsharhivantia caselentia RSFSR and Tak Profsoiara rabochikh kommunal babylovyki predpriatti [Ministry of Service Industries of the R.S. F.S.R. and the Central Committee of the Trade Union of Workers of Service Enterprises]. Moscow, vol 5, nos. 1-2, Jan.-Mar. 1867.

### B. MECHANICAL ENGINEE'RING

- AKADEMBA NAUK SSR. Izvestita. Energetika i transport [ACADEMY OF SCIENCES OF THE U.S. S. R. Bulletin. Power Engineering and Transportation]. Moscow, no. 6, Nov. -Dec. 1966.
  - Table of contents translated: Academicain V.S. Kulebakin, on his 75th birthday.
- valuabtein, L. M. Method for analyzing operational nonsymmetrical modes of electrical systems with approximate calculation of incomplete phase ele-
- approximate calculation of incomplete pages comments. p. 5.
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  Contents of "Energetika 1 transport" for 1966. p. 163.
- AVTOMOBIL'NAIA PROMYSHLENNOST' [AUTOMOBIL'S INDUSTRY]. Organ of Gosudarstvennyi komitot aylotraktornogo i sol'skokhoziaistvennogo mashinostrocniia pri Gospinno SSSR [State Committee for the Tractor and Agricultural Machinery Industry, Attached to the Sinte Planning Committee of the U.S.S.R.]. Moscow, vol. 32, no. 12. Dec. 1956.
  - cow, vol. 32, no. 12, Dec. 1966.
    Table of contents translated:
    Andreev, A. N., Talovorov, V. N. Mechanized storeroom for storing parts and dies at the Ul'yanovsk
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- Audreev, A. N., Taloverov, V. N. Table with a lifting platform. p. 39.

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- Vol. 33, no. 1, Jan. 1967.
- Table of contents translated; Anders, A. A. Outlook for the development of the automobile industry of the U.S.S.R. in 1966-1970. p.1.
- Shakhovtsov, V.I., Smotnev, N.N. Basic trends in the development of electric equipment for automobiles. p. 3.
- Rovzin, A. Z., Katsura, P. M. Grouping enterprises of the automobile industry for calculating group
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- ring locks on starting properties of a diesel
- ring locks on starting properties of a diesel 'engine. p. 14.

  Blazhennov, E. I., Malyshev, V. M. Speed variation of the crankshaft of the IAMZ-236 engine at a steady motion of the motor vehicle. p. 16.

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- vehicles and its reproduction at stand tests, p. 21.

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- Kalachov, K. A., Fishkis, M. M., Sorokin, B. V. New body shop for the ZIL motortrucks. p. 29. Lysenko, V. F., Goriachaia, S. D. New technolog for the heat treatment of differential crosses of driving
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- AVTOMOBIL'NYI TRANSPORT [AUTOMOTIVE TRANSPORTATION]. Organ of Minister sive avtomobil'nego transporta i shosseinykh dorog RSFSR and TSentral'nyi komitet Profsoiuza rabolnikov sviazi, rabochikh avtomobil'nego transporta i shosseinykh dorog [Ministry of Automotive Transport and Highways of the R.S. F.S.R. and the Central Committee of the Trade Union of Communication, Automotive Transport, and Highway Workers]. Moscow, vol. 40, no 6, June 1882.
  - Table of contents translated;
  - Let us put all our strength into the building of commu-
  - nism. p. t. Romanov, B. Work peristently every day and every hour. p.2.
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    Gordin, M. The oldest driver. p. 9.
    Cherniavskii, L. Improve intermiban freight haulage. p. 10.
  - Stolov, R. Dispatched freight haulage, p. 14. Lakhno, R., Tikhomirov, E. - What hinders the development of intermiban freight haulage? p. 17.

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  - p. 38.

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  Table of contents translated:
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  - p. 2. Our best men. p. 4.
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- Semenov, A. Reconditioning of parts is an important potentiality in the motor vehicle industry. p. 40. El'ias, IU. Line for dismantling engines. p. 41. Poletaev, R. Reconditioning heads of reaction rods. p. 42.

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  - Table of contents it anslated:
    Losev, P.P. Establishing an economic criter ion of
    the teclinical level and reducing the obsolescence of
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- DETALI MASHIN I POD' I MNO-FRANSPORTNYE MA-SHINY [MACHINE PARTS AND HOISTING AND CON-VEYING MACHINERY]. I-saud by Minister storys-shego i sicdnego spetsril'ingo obi azovanna USSR [Ministry of Higner and Secondary Special and Edu-cation of the Ukrainian S.S.R.] Kiev, no 1, 1905.
  - Table of contents translated

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- ELEKTRICHESKAJA I TEPLOVOZNAJA TIAGA [FLECTRIC AND DIESEL LOCOMOTIVE TRACTION].
  Olgan of Ministerstvo putej soobshchenija SSSR [Ministry of Railroad Transportation of the U.S.S.R.]
  Moscow, vol.10, no.11(119), Nov 1966.
  - Table of contents translated Brusnitsin, G. I., Kramar, G. S., Smirnov, E. L. -Remarkable changes in the Perm railroad repair
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  - Table of contents translated;
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  - Table of contents translated: The 76th birthday of Academician N. G. Bruevich.

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  Table of contents translated:
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  Gosudarstvennyi opticheskii Institut [State Optical
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  Table of contents translated'
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- *PRIKLADNAIA MEKHANIKA [APPLIED MECHANICS]. Issued by Oddelenie matematiki, mekhaniki i kiber-netiki Akademii nauk Ukrainskoi SSR [Department of Mathematics, Mchanics, and Cybernetics of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 2, no. 12, 1868.
- vol. 2, no. 12, 1856.

  Table of contents translated:
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- REFERATIVNYI ZHURNAL. AVTOMOBIL'NYI I GOROD-SKOI TRANSPORT [JOURNAL OF ABSTRACTS: AUTOMOTIVE AND CITY TRANSPORTATION]. Issued by Vsesotuznyi institut nauchnoi I tehhulcheskoi infor-matsii [All-Union Institute of Scientific and Technical Information] and others. Moscow, no. 2, Feb. 1967. [This journal is also issued in parts]
- REFERATIVNYI ZHURNAL PROMYSHLENNYI TRANS-PORT [JOURNAL OF ABSTRACTS INDUSTRIAL TRANSPORTATION], ISSUED by Vessoluznyi Institut nauchnol i iskinicheskoi informatsii [All-Union Institute of Scientific and Technical Info matton] and others. Moscow, no. 2, Feb. 1967. [This journal is also issued in parts. l
- REFERATIVNYI ZHURNAL: TEKHNOLOGIIA MASHINO-STROENIIA [JOURNAL OF ABSTRACTS, TECHNOL-OGY OF MACHINERY MANUFACTURE]. Issued by Veseoluznyi Institut nauchnol i tekhnichoskoi informa-isii [All-Union Institute of Scientific and Technical Innation] and others, Moscow, nos, 1-2, Jan. -Feb.
- REFERATIVNYI ZHURNAL TEPLOENERGETIKA [JOURNAL OF ABSTRACTS, HEAT ENGINEERING]. Issued by Vsesotuznyi institut nauchnoi i tekhnicheskoi informatsii [All-Union Institute of Scientific and Technical Information] and others. Moscow, no. 2, Feb. 1987.
- REFERATIVNYI ZHURNAL: ZHELEZNODOROZHNYI FERRATIVENT ZHORAEL, ZHELEZROUDROZHENT TRANSPORT [JOURNAL OF ABSTRACTS: RAILROAD TRANSPORTATION], Issued by Vsesoluznyi institut nauchnot i tekhnicheskoi infor matsii [Ali-Union Insti-tute of Scientific and Technical Information] and others, Moscow, no. 2, Feb, 1967. [This journal is also issued in parts.]
- * STANKI I INSTRUMENT [MACHINE TOOLS AND CUTTING TOOLS]. Organ of Gosudarstvennyl komitet po mashinostroenitu pri Gosplane SSSR and TSentral'noo pravlente Nauchno-tekhnicheskogo obshehestva mashinostroitel'noi promyshlennosit [State Committee for Machinory Manufacture, Attached to the State Planning Committee of the U, S. S. R., and the Contral Administration of the Scientific Technological Society of the Machinory Industry. Moreow. vol. 37, pp. 13 of the Machinery Industry]. Moscow, vol. 37, no. 12, Dec. 1966.
  - Table of contents translated: Kaminskaia, V.V. Calculating vibrations of carry-ing systems of machine tools under the action of
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  - Table of contents translated; Towards the 50th anniversary of the Great October.

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  - Table of contents translated; Tkach, V.D. E-201 new hydraulic excavator. p.3.

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- RHNOLOGIA I ORGANIZATSHA PROIZVODSTVA [TECHNOLOGY AND ORGANIZATION OF PRODUCTION]. Issued by Gosudar stvennyl planovyk komitet Succia Ministrov Ukrainskoi SSR [State Planning Committee of the Council of Ministers of the Ukraintan S. S. R.] and others. Kiev, no. 6 (42), Nov.-Dec. 1366.

  Table of contents translated Contents ki, V. Conditions of the repairing of metal-morking equipment in the entor prises of the Ukrain-

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- TEKHNOLOGIIA MASHINOSTROENIIA [TECHNOLOGY OF MACHINERY MANUFACTURE]. Issued by Ministersivo vysshego i srednego spetsial'nogo obrazovaniia USSR [Ministry of Higher and Secondary Specialized Education of the Ukrainien S, S, R, ]. Kiev,
- Table of contents translated:
  Andreev, L. P., Bulgakov, K. B. Pneumatic conveying of stepped small vollers in an automatic line, p. 5.
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- TEPLOENERGETIKA [HEAT ENGINEERING]. Organ of Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R. ] and other 5. Moscow, vol. 7, no. 8, Aug. 1300.
  - 1960.
    Table of contents translated.
    Levental', G.B., Melent'ev, L.A. Basic trends and tasks in the development of district heating in the U.S.S.R. for the next 15 to 20 years, p. 3.
    Gromov, N. K., Nemov, A. P. Technical and economic indices of district heating in Moscow, p. 9.
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- TRAKTORY I SEL'KHOZMASHINY [TRACTORS AND AGRICULTURAL MACHINERY]. Organ of Gosudarstvennyl kontlet avtotraktornego i sel'skokhoztatsvennego mashtnostroenita pri Gosulane SSSR [State Committee for the Tractor and Agricultural Machinery Industry, Attached to the State Planning Committee of the U.S.S.R.]. Moscow, vol. 30, no. 3, Mar. 1980. Table of contents translated: Speed up the carrying-out of the decisions of the Docember Plenum of the CPSU. p. 1. Orlin, A.S., Kruglov, M.G., Egantan, IU.L. Study of gas exchange in a high-speed two-cycle diesel engine with thermal blowing-th ough. p. 3.
- gas exchange in a high-speed two-cycle diesel engine with thermal blowing-through, p. 3.

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  - Pospelov, D. R. Criteria and indices of estimating the design of joints and units for tractors. p. 9. Andros, V. A. Preventing the possibility of the overturning of tractors. p. 12. Stepaniuk, P. N., Sanchser, B. IA. Testing the R type thres on "Belarus" tractors. p. 13. Gel'man, IU. A. Practices of the Kirov Plant in the classification of parts. p. 15. Korciskov, V. I. Sudying the strength of the frame of the semimounted six-bottom plow attached to the T-4 tractor. p. 17. Puzankov, A. G., Shepovalov, V. D. Controlling operation systems of grain cleaning machines. p. 19.

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  - Table of contents translated; Vinogradov, K. K. Objectives of the machinery industry in the second year of the five-year plan,
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  - Table of contents translated:

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  - Table of contents translated:
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- *FIZIKA METALLOV I METALLOVEDENIE [THE PHYSICS OF METALS AND METALLOGRAPHY]. Issued by Akademita nauk SSSR [Academy of Sciences of the U.S.S.R.]. Sverdlovsk, vol. 22, no. 4, Oct. 1986.

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- p. 941.
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- GAZOVOE DELO [GAS INDUSTRY]. Issued by TSentrat'-nyl nauchno-lesledovatel'skil institut tekhniko-ekononyt nachiovesiedovaterski institut tekhniko-ekolo-micheskikh issledovanii yo ncfitanoi, nerkekhimiche-skoi i gazovol pron yshlemosti [Central Scientific Rosearch institute of Technological-Economic Studies on the Petroleum, Petrochemical, and Gas Industry]. Moscow, no.12, 1968,
- Table of contents translated: Koposov, I.A., Kherkvist, V.G. Geological factors affecting results of formation treatment in gas
- affecting results of formation treatment in gas 19covery stimulation. p. 3. Kainin, O. Zh., Karnaushenko, V.V., Klishchenko, V.IA Method of determining hydraulic parameters of operating sections in gas-gathering tanks. р. б. Krasnov, A. A. - Effect of lower alcohols on formation
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- *GEOLOGIIA NE FTI I GAZA [THE GFOLOGY OF PETROLEUM AND GAS]. Organ of Gosudarstvennyl geologicheskit komitel SSSR and Gosudarstvennyl profizvodstvennyl komitet po gazovoi peromyshlennosti SSSR [State Geological Committee of the U.S.S.R. and the State Production Committee for the Gas Industry of the U.S.S.R.]. Moscow, vol. 10, no. 12, Dec. 1966.
  - no. 12, Dec. 1966.

    Table of contents translated
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- GORNALA ELEKTROMEKHANIKA I AVTOMATIKA [ELECTRICAL ENGINEERING IN MINING AND AUTO-MATIC CONTROL] Kharkov, no 1, 1965
  - MATIC CONTROL: Knarkov, no. 1, 1900

    Table of contents translated

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    Volotrovskii, S.A., and others. Electric loads and
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  - method of thermoccopie electromotive force trans-mission from rotary furnaces for magnetizing roasting of ores to secondary instrument, p. 120. Rybalko, N. P., and others, Automation of skip hoisting with asynchronous drive at the No. 19 Coal Mine of 'Rutchenkovougol'' Trust, p. 126. Kiklevich, IU, N. Ways of increasing performance of
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- LENINGRAD, GORNYI INSTITUT, Zapiski [INSTITUTE OF MINING, Records], Vol. 43, no. 2, 1962.
  - Table of contents translated
  - Rudenko, S.A. Genesis and structural characteristics of martupolities, p. 3.
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  - Porotov, G.S. Taking into account systematic error made in the determination of actual compositions of ore components. p.88.

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- Vol. 43, no. 3, 1964. Mathematics
  - Table of contents translated. Professor A M. Zhuravskil, on his 70th birthday.
  - Zhuravskit, A. M. Algorithm of the arithmetical-
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- MASHINY I NEFTIANCE OBORUDOVANIE [MACHINERY AND PETROLEUM EQUIPMENT]. Issued by Vsesoiuznyl nauchno-issledovatel'skil institut organizatsil, upravienita i ekonomish neftegazovol promyshlomosti [All-Union Scientific Research Institute of the Organization, Management, and Economics of the Petroleum and Natural Gas Industry]. Moscow, no. 11, 1966.
  - Table of contents translated.
    Sukhanlshvili, I. N. Calculating and testing sheave with ferropowder ShM-600 clutch for synchronous
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- o. 12, 1966.

  Table of contents than slated:
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  V UGOL'NOI PROMYSHLENNOSTI [MACHINERY

  AND EQUIPMENT FOR THE MECHANIZATION AND
  AUTOMATION OF LABOR CONSUMING PROCESSES
  IN THE COAL INDUSTRY]. Issued by Denetskil gosudarstvennyi pi oo kho-konsi ukto iskil 1 eksperimental'nyi institut konopleksnoi mekhanizatsii alakhi mental nyt inetitut kompleksnot mekhantzatell ahakht Donetsk State Design and Experimental Institute for the Overall Mechanization of Minus J. Moscow, ne. 2, 1965. Experimental design and investigations. Table of contents translated: Zaverinev, V. I., Monogovskit, B. N. - Operating conditions of cutter-loaders for steep coal scame p. 5.

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  - Kiklevich, IU. N. Ways of increasing technically possible performance of UKR-type cuiter loaders with pneumatic driving, p. 30.

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- MOSCOW, TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'-SKII INSTITUT C' ERNOI METALLURGII, SIOTAIK ITUDOV [CENTRAL SCIPATIFIC RESEARCH INSTITUTE OF FERROUS & ETALLURGY, Papers], ''O. 44, 1968, Technological and theoretical problems of rolling.
  - Table of contents translated: Muzalovskii, O. G. and others. Trying out the com-bination of continuous casting and rolling of steel on the experimental mill of Bezhitan Steel Plant.
  - But din, V. M., Molgathey, D. A., Trubulkoy, R. A. -Studying the 2500 continuous hot rolling sheet mill of Magnitogorsk Metallurgical Combine with a
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- MOSCOW, VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII GEOLOGORAZVEDOCHNYI NEFTIANOI INSTItul. Trudy [ALL-UNION SCIENTIFIC RESEARCH
  INSTITUTE OF PETROLEUM GEOLOGY AND PROSPECTING. Transactions], No. 56, 1986.
  Contonts: Veber, V. V. [Facies of deposits favorable for formation of petroleum] Fatsii ollochenii,
  blagopytistava dischementation of petroleum.
- plagopriiainyo dlia obrazovanila neiti, 272 p.

NE

neitekhimicheskoil gazovoi promyshlennosti [Central Scientific Rescarch institute for Technological-Eco-nomic Studies on the Petroleum, Petrochemical, and Gas Indestry]. Moscow, no.8, 1906.

Table of contents translated: Idiatellia, G. Z., and others. - Compounding of petroleums as method for increasing economic efficiency of performance of petroleum refineries. p. 3.

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- No.10, 1966.
  Table of contents translated:
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  Table of contents translated.
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- o. 12, 1966,
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  - Sep.-Oct.1866.

    Table of contents translated:
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  - Table of contents translated;
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- th petroleum and gas industries, p. 1.

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- NEFTIANOE KHOZIAISTVO [PETROLEUM INDUSTRY], or names known is the control of the control of the committee of the U.S. R. Jand others.

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- Moscow, vol. 44, no. 10, Oct. 1966.
- Table of contents translated: Ivinskii, K.I., and others. Work practice under new
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- *OGNEUPORY [REFRACTORIES]. Organ of Gosudar-stvennyi komitet no chernol I tsvetnol metallurgit pri Gospiane SSR [State Committee for Fortous and Monferrous Mitallurgy, Attached to the Sate Pianulug Committee of the U.S. S. R. ] and others. Moscow, vol.31, no.12, Dec.1906. Table of contents translated:
  - Zhikhai eyich, S.A., and others, High-density re-fractories for blast furnace shalts on a Novoschisa
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- *POROSHKOVAIA METALLURGHA [POWDER METAL-LURGY]. Organ of Institut metallokerandki i spetsial'nyth splavov AN USSR [Institute of Ceramic Metals and Special Alloys of the Academy of Sciences of the Ukrainian S S.R.], Kiev, vol. 6, no. 12(48), Dec. 1966.
- Table of contents translated.
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  Table of contents translated: Biedikhin, I.S. - Prospects for developing the Southern Yakut Bash., p. 1.

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- REFERATIVNYI ZHURNAE GORNOE DELO [JOURNAL OF ABSTRACTS MINING]. Issued by Vsesoluznyi institut nauchnoi i tekhnicheskoi informatsii [All-Union Institute of Scientific and Technical Information] and others. Moscow, no. 2, Feb. 1967.
- RUSSIA (1923 U.S.S.R.) Ministerstvo vysahego i grednogo spetsial nogo obi azovanila, izvostila vys-slikh uchebnykh zavedenti; chernala metatlurgila (Minslitts inchemyth zavedenit; chernala metallurgila [Min-lstry of Higher and Secondary Specialized Education, Builetin of the institutions of Higher Learning, Ferrous Metallurgy]. Moscow, vol. 10, no. 1, 1007. Table of contents translated; Eliutin, V. P., Pavlov, IU. A., Manukhin, A. V. - Ellect of additions on semiconducting proporties and start of interaction between V2.05 and carbon, n. 5.

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  Bulletin of the institutions of Higher Learning; Geology

  - Table of contents translated

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  - Table of contents translated:
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- TULA, PODMOSKOVNYI NAUCHNO ISSLI DOVATELI SKII I PROEKTNO-KONSTRUKTORSKII UGOLPA I INSTITUT. Shornik nauchnykh trudov [MOSS OW REGION SCIENTIFIC RISSARCH AND DISKER (1981 INSTITUTE, Studies]. Moscow, no. 10, 1966 [20-41], on problems of mechanization and organization of coal

  - on problems of mechanization and organization of mining and coal utilization processes.

    Table of contents translated
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- UGOL' [COAL], Issued by Gosudarstvennyl komitet po koordinatsii nauchno-issiedovatel'skikh rabot SSSR [State Committee for the Coordination of Research in the U.S.S.R.] and others. Moscow, vol. 37, no. 12(441), Dec. 1962.

  - no. 12(341), 10c. 1002.

    Table of contents translated:

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- UGOL' UKRAINY [COAL OF THE UKRAINE], Issued DL URRAKNY (COAL OF THE URRAKNA), issued by Gosudarstvennyt komitct Soveta Ministrov USST po koordinatsti nauchno-issiedovateľakikh rabot (Sate Committee of the Council of Ministers of the Ukrainian S. S. R. forthe Coordination of Research], Kiev., vol. 6, no. 12, Dec. 1982.
- Riev, Vol. 9, No. 12, Dec. 1952.

  Table of contents translated:
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  Table of contents translated

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- Readers' response to the articles by D. Gehukh and M. A. Moisee "Mining separate seams from lateral drifts", "Ugol' Ukrainy, "1960, no. 12 and "Selecting development systems and order of mining extraction fields in mins of the "List hanskugol" Trust, "Ugol' Urrainy," 1961, no. 6. p. 45.
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- Table of contents translated
  Petrashen', G.I., Alekseev, A.S., Gel'chinskii,
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- VSESOUZNYI NEFTEGAZOVYI NAUCHNO-ISSLEDOVA-SESOIGENT INSTITUT, Nauchno-technicheskii sbotnik po dobyche nefti (ALL-UNION SCIENTIFIC RISEARCH INSTITUTE OF PETROLEUM AND NATURAL GAS, Scientific and Technical Papers on Petroleum Production] Moscow, no.3, 1959.

  - tion Moscow, no. 3, 1959.

    Table of contents translated.

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- VZRYVNOE DELO [BLASTING]. Issued by Nauchno-teklinicheskoe gornoe obshchestvo [Scientific Tech-nological Mining Society]. Mascow, no. 60/17, 1966, Improvement of industrial explosives.
  - Table of contents translated.
  - Table of contents translated.
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- No. 61/18. 1966 Buring and blasting operations in Lattiing mines and hydraulic engineering installations,
  - Table of contents translated: Kozhevnikov, V. I. Parameters of boring and sum "h blasting operations in underground workings,
  - Davidov, S. A., Pativoda, N. A. Smooth blasting in open-pit mining. p. 11.

    Feshchenko, A. A. Smooth blasting in building
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- Turula, N. U., and others. Results of studies on re-ducing selemic effect of large-scale blastics.
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- Korenistov, A. V., Kamenko, B. I. Planning boring and blusting operations in construction work,
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- Bronds, D. F. Searching for efficient methods of conducting boring and blasting operations in building Dneprodzerzhinsk Hydroelectric Power Station.
- Korentatov, A. V. Boring and blasting operations in the construction of a bay-port on Barkal Lake. D. 239.
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- ECORD UCIDO OF TOKLOGAL RIVED COLOR POWER
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  Silaev, A. A. Damming of Vakhsh River by blasting
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- Pashkin, E. M., Semin, A. P. Certain characteristics of boring and blasting operations during tunnel di Iving in building Nurck Hydroelectric Power
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  Bagdasat ov, A. G. Main trends in the development of boring and blasting operations in hydraulic ouglneering. p. 290.
- *ZASHCHITA METALLOV [PROTECTION OF METALS]. ASIDENTIA METALLS, ISSUED by Gosudarstvennyi komitet po koordinatsii nauchno issiedovatel'skikh rabot SSSR [State Committee for the Coordination of Research of the U.S.S.R.] and others. Moscow, vol.3, no.1, Jan-Feb 1967.
  - Table of contents translated Tomashov, N.D. Basic principles in developing correston resistant alloys, p. 3.

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### 17. MILITARY & NAVAL SCIENCES

#### a MILLEARY SCIENCE

- BLOKNOT AGITATORA [THE AGITATOR'S NOTEBOOK] Issued by Giavnoe politicheskoe upravlenie Sovetskoi Armil i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy], Moscow, vol. 25, nos. 3-5, Teb. -Mar. 1967.
- BRATSTVO KOLYSHNIKH VOLAKIV PERSHOI UKRAIN-S'KOI DYVIZH UKRAINS'KOI NARODNOI ARMII, VISH BROTHERHOOD OF FORMER SOLDIERS OF THE FIRST UKRAINIAN DIVISION OF THE UKRAINIAN NATIONAL ARMY. News]. Munich, vol. 16, no 119, Nov. 1985.
- KOMMUNIST VOORUZHENNYKH SIL [COMMUNIST OF THE ARMED FORCES]. Issued by Glavnoc politiche-skoe upravienie Sovetskoi Armii i Voenno-Moi skogo The Attrib Forces, issues by chaving pointenessee upraylente Sovetskoi Armii t Voenno-Moi skogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 47, no. 1, Jan. 1967. Table of contents translated; Editorial Ou well-chosen Leminist path, p. 3. Beisebaev, M. - Transformed land, p. 8. Per edel'skil, G. - Military propatedness is the most important objective. p. 15.
  Gladchenko, G. - Let us inculcate the spliit of noble morality and high militancy into our cadets, p. 22, Sukhov, M. - The power of friendly contacts among servicemen, p. 28, Kotvitskil, M. - A course toward efficiency and enterprise. p. 34.
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- NASHI VESTI [OUR NEWS] Published by Souz chinov Russkogo korpusa [The Association of Members of the Russian Corps] New York vol 23, no.250, Apr. 1987.
- RODIMYI KPAI [NATIVE LAND] Issued by Donskoe voiskovo ob'edinente [Don Cossack Association], Paris, nos.85-86, July-Oct 1988; no.68, Jan -Feb
- SOVETSKII VOIN [SOVIET SOLDIER]. Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armit i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 43, no. 24 (948), Dec. 1961.
  - Table of contents translated; Markov, G. - On the wings of time. p.2 of cover Titov, G. - Near horizons. p.2, Kulikov, I., Khalipov, V. - Your contemporaries.

  - Kulikov, I., Khalipov, V. Your contemporaries.
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- STARSHINA SERZHANT [NONCOMMESSIONED OFFI-CERS]. Baued by Ministerstvo oborony SSSR [Min-istry of Defense of the U.S.S.R.]. Moscow, no.2(77), Feb. 1997.
- VESTNIK PER VOPOK HODNIKA [HERALD OF THE FIRST CAMPAIGN VETERANS]. Issued by Pravienie Kaliforniiskogo obsitchestva uchastnikov 1-go Kubanskogo generala Kornilova pokhoda [Administration of the California Association of Veterans of General Kornilov's First Kuban Campaign]. Los Angeles, vol.6, no 65/06, Pob. 1067. Feb. - Mar. 1967.
- VISTI KOMBATANTA. VETERANS' NEWS. Issued by United Ukrainian War Veterans in America and others. New York, no.1(27), 1967.
- VOENNYE ZNANIIA [MILITARY KNOWLEDGE]. Issued DENNI'S ZNANIM [MILLIAN KNOW DEBOS], issued by Vassoluznoe dobrovol'noe obshchestvo saddistvita armii, aviatsii I fiotu [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, vol.43, no.1, Jan.1967. Table of contents translated: Chuikov, V.I. - In the anniversary year. p.2.

- New frontiers ahead, p.4. Rylov, V. Solving the general problem. p.6. Zarvorodinskii, V. Guardamen, sons of guardamen.
- p. 10
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- p. 25. Smcian, N. A celiar is also a shelter. p. 26. Krasnov, I. - Radiction is welkened a hundred times.
- р. 27 Kurrakov, P. - The training exercise and demonstra-

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- VOENNYI VESTNIK [MILITARY REVIEW]. Organ of Ministersivo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moseow, vol. 41, no. 6, June 1961.

  Table of contents translated Zakharov, M. Lessons of history. p. 3.
  The chief thing is field training. p. 9.
  Chuguey, I. Toward the heights of mastery. p. 12.
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- Garrikov, F. Overcoming a hastily occupied defensive position. p. 27.
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- Onisiuk, V. Evercise in the study of service regulations. p. 75.
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  Answers in urbilems multished in No. 2 of "Vocume."
- Answers to problems published in No. 2 of "Vocanivi
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#### **B NAVAL SCIENCE**

LENINGRAD, TSENTRAL'NYI NAUCHNO-ISSLEDOVA-TEL'SKII INSTITUT MORSKOGO FLOTA. Informatislonnyi shornik [CENTRAL SCIENTIFIC RESEARCH islonnyi sbornik [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF THE MERCHANT MARINE Information Bulletin]. No, 163, 1966. Tekhnichoskaia ekspluatalsita morskogo flota [Technical Operation of Merchunt Ships], no, 45. Diesel engines,
Table of contents translated
Vinogradov, V.1 - Some characteristics of the power plant of the motor ship "Belorets!," v.3.
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No. 166, 1966. Tekhnicheskaia ekspluatatsila morskogo flota [Technical Operation of Merchant Ships], no. 46. Marine steam power plants
Table of contents translated.

Karandashov, B.S. - Performance of soot blowing installations with automatic control. p. 3.

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MCRSKOI FLOT [THE MERCHANT MARINE]. Issued by Ministerstvo morskogo flota SSSR [Ministry of the Merchant Maline of the U.S.S.R.]. Moscow, vol.27,

no.1, Jan. 1997.
Table of contents translated.
Guzhenko, T. - For new successes in the anniversary year! p. 2.

Soviet merchant marine; the most important resolutions of the party and the government in 1928-1932,

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Kellin, A. - From the work practices of the Maritime Abitiation Commission. p. 27 Kholchev, G. - Automatic control of the steam generating of auxiliary bollers. p. 29.
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RECHNOI TRANSPORT [INLAND WATER TRANSPORTATION]. Issued by Ministerstvo rechnogo fiota [Ministry of the River Fleet]. Moscow, vol. 20, no. 7, July 1961.

July 1961.

Table of contents translated
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REFERATIVNYI ZHURNAL: VODNYI TRANSPORT JOURNAL OF ABSTRACTS. WATER TRANSPOR-TATION]. Issued by Vessoiuznyi institut nauchnot i tekhnicheskoi informatsii [All-Union Institute of Scientific and Technical Information] and others. Moscow no. 2, Feb. 1987. [This journal is also issued in parts]

SUDOSTROENIE [SHIPBUILDING]. Or gam of Ministerstvo sudosti ottel 'noi promyshlennosti SSR mil Nauchno-tekhnicheskoe obshchestvo sudovitroftel ir d namino-teaminetic substitutes of the Shipbuilding list per hy of the U.S.S.R. and the Scientiffe Technologiest Society of the Shipbuilding Industry]. Lening ed, vol. 27, no. 1 (210), Jan. 1961. Table of contents translated

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# List of Periodicals Indexed and Abbreviations Used

# † Titles listed for the first time

r imila a)	Agitator Agrokhimita (Agrochemistry)	Biul.tekhekon, inform.Gos, nauchissl. inst.nauch.l	Moscow Gosudarstvennyi nauchno-issledovatel'skii in- stitut nauchnoi i tekhnicheskoi informateli. Biulleten' tekhniko-ekonomicheskoi informatsii (State Scientific Rosearch institute for Scientific and Technical Informa-
netr. n. (13f)	Aktinometricheskii ezhemeslachnik [Actinometric Monthly]	tekh.inform. (lőa)	tion. Bulletin of Technical and Economic Information
e)	Akademila nauk SSSR, Sibirskoe otdelenie, Seminar algebry i logiki, Algebra i logika [Academy of Sciences of the U. S. S. R. Siberian Department, Seminar of Algebra and	Biul Verkh, Suda RSFSR (7)	Rusala (1917- R.S.F.S R.) Verkhovnyi Sud, Biulleten' [Supreme Court, Bulletin]
tiki	Logic, Algebra and Logic; Antibiotiki [Antibiotics]	Bot, zhur (13c)	Botanicheskii zhurnal [Botanical Journal]
141)	•	Brat.vest. (3b)	Bratskii vestnik [Herald of Brotherhood]
nat., gist. or, (13c)	Arkhiv anatomii, gistologii i embriologii [Archives of Anatomy, Histology, and Embryology]	Bukhg, uchet (5a)	Bukhgalterskli uchet [Accounting]
at e)	Arkhiv patologii (Archives of Pathology)	Bum. prom (161)	Bumazhnata promyshlennost' [Paper Industry]
885R 10b)	Arkhitektura SSSR [Architecture of the U.S.S.R.]	Bumagode1, mash (16g)	Burnagodelatet'nos mashinostroents [Paper-Making Machinery Manufacture]
zika b)	Astrofizika [Astrophysics]	Defekto skopila	Defektoskopiia [Defectoscopy]
>kh.za (16e)	Atomnala tekhnika za rubezhom [Nuclear Engineering Abroad]	(16a) Det, mash. i pod''omtransp.	l Detali mashin i pod'emno-transportnye mashiny [Machine Parts and Hoisting and Conveying Machinery]
auxi, b)	Aviatatia i kosmonavtika [Aviation and Astronautics]	mash. (10g)	
, (16d)	Avtomobil'nye dorogi [Highways]	Dif.urav (13c)	Differentsial nye uravneniia [Differential Equations]
m. ;)	Avtomobil'naia promyshlennost' [Automobile Industry]	Disk.annl. (13e)	Diski etnyl analiz [Discrete Analysis]
пвр. (16g)	Aviomobil'nyi transport [Automotive Transportation]	Dokl. AN Azerb SSR (13a)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Doklady [Academy of Sciences of the Azerbaijan S.S.R. Reports]
, telem. ız' (16e)	Avtomatika, telemekhanika i svinz* [Automatic Centrol, Remote Control, and Communications]	Dokl. AN BSSR (13a)	Akademiia navuk BSSR, Minsk, Doklady [Academy of Sciences of the White Russian S.S.R. Reports]
r, Beg. b)	Azita i Afrika segodala  Asia and Africa Today	Dokl. AN 888R (13a)	Akademila nauk SSR. Doklady [Academy of Sciences of the U.S.S. R. Reports]
ned, zhur. a)	Azerbajchan tibb zhurnaly. Azerbaidzhanskil meditsinskil zhurnal [Azerbaijan Medical Journal]	Doki. Akad, sel' - khoz. nauk (15a)	Vsesoiuznala akademita sel'skokhoziajstvennykh nauk im. I.V. Lenina. Doklady (Lenin All-Union Academy of Agricultural Sciences, Reports)
eft, (16h) el	Azerbaidzhanskoe neftianoo khoziaistvo (Azerbaijan Petroleum Industry) Beton i zhelezobeton (Concrete and Roinforced Con-	Dokl. f soob, VNIESKA	Moscow. Vsesoluznyi machno-issledovatel'skii institut okonomiki sel'skogo khozialstva. Doklady i sgobshchenila
16d)	crete} Bezopasnost' truda v promyshlennosti [Industrial Safety]	(6b)	[All-Union Scientific Research Institute of Agricultural Economics. Reports and Papers]
ruda m Ba}	Benchanius, trau v promyomemosa (amaeri an salety)	Dokl, TSKHA (15a)	Moscow. Moskovskala sel'skokhozialstvennala akademita im, Timiriazeva. Doklady (Timiriazev Agricultural Academy of Moscow. Reports)
ka r¹ 1)	Bibliotekar' [The Librarian]	Dop. AN URSR (13a)	Akademila nauk URSR, Kiev. Dopovidi [Academy of Sciences of the Ukrainian S. S. R. Reports]
koved. , (2b)	Bibliotekovedenie i bibliografiia, ukuzatel' Hieratury [Library Science and Bibliography; an Index to the Literature]	Ekon, i mat motod, (5b)	Ekonomika I matematicheskie metody (Economics and Mathematical Methods)
а (13с)	Biolizika [Biophysics]	Ekon. Hel'khoz. (Бb)	Ekonomika sel'skogo khozialstva (Economics of Agri- culture)
ur. (13c)	Biologicheskii zhurnai Armenii [Biological Journal of Armenia]	Ekon, stro1, (5b)	Ekonomika stroitel'siva [Economics of Construction]
ip.biol.i (14n)	Biulloten' eksperimental'noi biologii i meditsiny [Bulletin of Experimental Biology and Medicine]	Elek.i topl. tiaga (16g)	Elektricheskaia i teplovoznala tiaga [Electric and Diesel Locomotive Traction]
it, teor, 1. (13b)	Akademiia nauk SSR, Institut teorotteheskoj astronomii, Bulleton' [Academy of Sciences of the U. S. S. R. Insti- tute of Theoretical Astronomy, Bulletin]	Elek.obr. mat. (16e)	Elektromaia obrabotka materialov [Electronic Processing of Materials]
ol, kom, gor, soy,	Moscow, Ispolaliel'nyi komitet, Blufleten' [Executive Committee, Bulletin]	Elek sta. (160)	Elektricheskie stantsli [Electric Power Stations]
IP, Otd. (12c)	Moskovskoe obshchestvo ispytatelei prirody, Biulleten'. Oldel geologichoskii (Moscow Naturalista' Society.	Elektrichestvo (16e)	Elekti ichesivo [Electricity]
,	Bulletin, Geological Section]	Elektrokhimila (16e)	Elektrokhimita [Electrochemistry]
zhdu- auch, ,, konf,	Biulleten' mezhdunarodnykh nauchnykh s''czdov, konferentali i kongressov (Bulletin of International Scientific Meetings, Conferences, and Congresses	Elektrosvinz' (16e)	Elektrosviaz' [Telecommunication]
r. (la) n.vys.	Russia (1923- U S.S.R.) Ministerstvo vysshego i srednego	Energ. i elek. (16e)	Enorgetika i elektrifikatsiia [Power Engineering and Electrification]
l spets. SSR	spetsial'nogo obrazovanila, Biulleten' [Minisiry of Higher and Secondary Specialized Education. Bulletin]	Energ. stroi. (16e)	Energeticheskoe struiterstvo [Power Construction]
i)  ch, -tekh,  i, po  fiz, (16a)	Loningrad, Agrofizicheskii nauchno-issiedovatel'skii institut, Biulieten' nauchno-tekhnicheskoi informatsii po agrodomi- cheskoi fizike [Agrophysical Scientific Research Institute,	Energokhoz, za rub. (16e)	Energokhozinistvo za rubezhom; prilozhenie k zhurnalu "Elektricheskie stantsil" [Electric Powor Production and Utilization in Foreign Countries; Supplement to the Periodical "Electric Power Stations"]
, ,	Bulletin of Scientific and Technical Information on Agro- nomic Physics]	Energomashino- stroenie (16g)	Energomashinostrosnie [Power Machinery Construction]

Etal. vrem v ared mom radiosig (13b) Ezhegod, knigi SSSR (2a) Farmatsev. zhur (141) Ferm i spirt prom. (16c) Fin SSSR (6c) Fiz. met. i metalloved. (16h) Fiz tver.tela (131) Fiziol zhur Fiziol zhur [Ukr.] (13c) Gaz delo (16h) Gaz, prom (16c) Genetika (13c) Geofiz, sbor Geokhimiia (12c) Geol, nefti gaza (16h) Geol, zhur. (12c) Gidr.; mel. (15a) Gidr stroi (16d) Gidrahiai (13c) Gldroliz i lesokhim.prom (16e)

Mosk. (16d)
Grazhd.av.
(16b)
Grud.khir (14h)
Inform.blul.NIIGA
(12c)
Inform.btul.
nov.inostr.
knig, postup.
y Bibl.im.

Gor. alektro.

(16h)

Gor khoz

mekh. 1 aytom.

Etalonnoe vremia v srednie momenty peredach radiosignalov [Official Time at Mean Moments of Radio Signal Transmissions]

Ezhegodnik knigi SSSR, sistematicheskii ukazatel' [Annual of Soviet Books; Classed Index]

Farmatsevtychnyi zhurnal [Pharmaceutical Journal]

Fermentnaia i spirtovala promyehlennost' [Fermentation and Distilling Industry]

Finance of the U.S. S. R. ]

Fizika metallov i metallovedenie [The Physics of Metals and Metallography]

Fizika tverdogo tela [Solid State Physics]

Fiziologicheskii zhurnal SSSR [Physiological Journal of the U S S R ]

Fiziologichnyi zhurnal [Physiological Journal]

Gazovoe delo [Gas Industry]

Gazovala promyshlennost' [Gas Industry]

Genetika [Genetics]

Akademilia nauk URSR, Klev. Geofizicheskii sbonnik [Academy of Sciences of the Ukrainian S. S. R. Geophysical Papers]

Geokhimiia [Geochemistry]

Geologiia neiti i gaza [The Geology of Petroleum and Gas]

Geologichnyi zhurnal [Geological Journal]

Gidrotekhnika i melioratsiia [Hydraulic Engineering and Reclamation]

Gidrotekhnicheakoe stroitel'stvo [Hydrotechnical Construction]

Gidrobiologicheskii zhurnal [Hydrobiological Journal]

Gidroliznaia i lesokhimicheskaia promyshlennost' [Hydrolysis and Wood Chemistry Industry]

Gornala elektromekhanika i aytomatika [Electrical Engineering in Mining and Automatic Control]

Gorodskoe khozlaistvo Moskvy [Municipal Economy of Moscow]

Grazhdanskaja aviatsija [Civil Aviation]

Grudnaia khirurgiia [Thoracic Surgery]

Leningrad. Nauchno-issledovatel'skii institut geologii Arktiki. Informatsionnyi biulleten' [Scientific Research Instituts of Arctic Geology. Information Bulletin]

Moscow. Publichnaia biblioteka. Informatsionnyi biulieten'
novykh inostrannyk knig, postupivehikh v Biblioteku imeni
V. I. Lenina. Serila 1: Fiziko-matematicheskie i khimichuskie nauki; nauki o zemle; tekhnika i tekhnicheskie nauki
uvy. Information Bulletin of New Foreign
by the Lenin Library. Series 1. Physical,
id Chemical Sciences;
hoological Sciences;

Inform. sbor. TSNIIMF, Tekh. ckspl. mo¹. flota (17b)

Inform, ukaz. bibl. spis. i kart. (2a)

Inoz filol. (11a)

nzh - (iz zhur. (16a)

Iskusstvo (10a)

Izobi, prom.
obiaz , tov.
znak. (16a)

Izv.AN Arm. SSR.Mat. (13e)

Izy. AN Arm. SSR. Ser. tekh. nauk (16a)

Izv. AN Azorb. SSR. Ser, fiz. mat, i tekh. nauk (1a)

Izv. AN Azerb, SSR, Ser, fiz. tekh, i mat, nauk (1a)

Izv. AN Azerb. SSR. Ser. ist., filos. i prava (1a)

Izv. AN Kir SSR (la)

Izv.AN Mold.SSR (1a)

Izv. AN SSSR. Energ. i transp. (10g)

Izv. AN SSSR. Fiz. zem. (13f)

Izv. AN SSSR, Met (10h)

Izv. AN SSSR Ser fiz. (131)

Izv.AN SSSR.Ser. geol. (12c)

Izv. AN SSSR. Ser. khim. (13d)

Izv. AN SSSR. Ser. lit. i iaz. (11b)

Izv. AN SSSR Ser, mat, (13e)

Izv. AN Turk. SSR. Ser. biol. nauk (13c)

Izv. AN Turk. SSR. Sor. obshchestv. nauk (1a)

lzv. AN Uz, SSR. Ser, tekh. nauk (18a)

Izv. ASIA (16d)

Izv. Krym. otd. Geog. ob~va (12b)

Izv. ISKHI (15a)

Izv. Oid, biol, nauk AN Tadzh, SSR (13c) Izv. Uzb. fil, Geog. ob-va (12b) Leningrad, TSenti al'nyi nauchno-issledovatel'skii institut morskogo flota, Informatsionnyi sionnik, Tekhnichoskata ekspluatatsila morskogo flota [Cential Sefentific Research Institute of the Merchant Marine, Information Italietin, Technical Operation of Merchant Ships]

Informatsionnyi ukazatel' bibliograficheskikh spiakov i kariotek, sostaviennykh bibliotekami Sovetskogo Sotuza [Information Index of Bibliographical Lists and Card Files. Compiled by the Libraries of the Soviet Union]

Inozemna filologila [Foreign Philology]

Inchenerno-fizicheskii zhurnal [Journal of Engineering Physics]

Iskusstvo [Art]

Izobreteniia, promyshlennye obraztsy, tovarnye znaki [Inventions, Industrial Samples, Trademarks]

Akademiia nauk Armianskoi SSR, Erivan, Izvestlia, Matematika [Academy of Sciences of the Armenian S.S.R. Bulletin, Mathematics]

Akademilia nauk Armianskol SSR, Erivan, Izvestija, Serija tekhalcheskikh mauk [Academy of Sciences of the Armenian S. S. R. Bulletin, Series in the Technological Sciences)

Akademila nauk Azorbaidzhanskoi SSR, Baku, Izvestila, Serila fiziko-matematicheskikh i tekhnicheskikh nauk [Academy of Scioncos of the Azorbaijan S. S. R. Bulletin. Series in the Physical, Mathematical, and Technological Sciences]

Akademia nauk Azerbaidzhanekol SSR, Baku, Izvestija. Seriin fiziko-tekhnicheskikh i matematicheskikh nauk (Academy of Sciences of the Azerbaijan S. S. R. Bellelin, Series in the Physical, Technological, and Mathematical Sciences!

Akademiin nauk Azerbaidzhanskoi SSR, Buku. Izvestlis.
Serila istorii, filosofii i prava [Academy of Sciences
of the Azerbaijan S. S. R. Bulletin. Series in History,
Philosophy, and Law]

Akademila nauk Kirgizakoi SSR, Frunze. Izvestila [Academy of Sciences of the Kirghiz S. S. R. Bulletta]

Akademiin nauk Moldavskol SSR - Izvestiia [Academy of Sciences of the Moldavian S.S.R. Bulletin]

Akademiia nauk SSSR, Izvestiia, Energetika i transport [Academy of Sciences of the U. S. S. R. Bulletin, Hower Engineering and Transportation]

Akademiia nauk SSSR, Izvestiia Fizika vemii [Academy of Sciences of the U. S. S. R. Bulletin. Physics of the Earth]

Akademtia nauk SSSR, Izvestiia, Metally [Academy of Sciences of the U.S.S.R. Bulletin, Metals]

Akademiia nauk SSSR, Izvestiia. Seriia fizicheskaia [Academy of Sciences of the U.S.S R. Bulletin. Physical Series]

Akademiia nauk SSR. Izvestiia. Seriin geologicheskala [Academy of Sciences of the U.S.S.R. Bullotin. Geological Series]

Akademiia nauk SSSR, Izvestiia, Seriia khimicheskata [Academy of Sciences of the U. S. S. R. Bulletin, Chemical Series]

Akademiia nauk SSSR, Izvestiia. Serlia literatury l laryka [Academy of Sciences of the U.S.S.R. Dulletin, Serles in Literature and Language]

Akademlia nauk SSSR. Izvestila, Serila matematicheskata [Academy of Sciences of the U.S.S.R. Bulletin, Mathematical Series]

Akademiia nauk Turkmenskoi SSR, Ashkhabad, Izveettis. Seriia biologicheskikh nauk [Academy of Sciences of the Turkmen S. S. R. Bulletin. Series in the Biological Sciences]

Akademila nauk Turkmenskol SSR, Ashkhabad, Izvestila, Serlia obshchestvennykh nauk [Academy of Sciences of the Turkmen S. S. R. Bulletin, Series in the Sacial Sciences]

Akademiia nauk Uzbokskoi SSR, Tashkent. Lzvestita. Serlia tokhnicheskikh nauk [Academy of Sciences of the Uzbek S, S, R. Bulletin, Serles in the Technical Sciences]

Akademila stroitel'stva 1 arkhitektury SSR. Izvestiia [Academy of Construction and Architecture of the U.S.S.R. Bulletin]

Geograficheskoe obshchestvo SSSR, Krymskii oldel, Izvestlia [Geographic Society of the U.S.S.R. Crimean Branch, Butletin]

Irkutsk. Sel'skokhozialstvennyi institut. Izvestija [Agricultural Institute, Butistin]

Akademiia nauk Tadzikskol SSR, Dushanbe, Otdelenie biologicheskikh nauk, Izvostila [Academy of Sciences of the Tajik S. R. Department of Biological Sciences. Bulletin]

Bulletin]
Geograficheskoe obshchestvo SSSR. Uzbekistanskii likal.
Izvestiia [Geographic Society of the U. S. S. R. Uzbekistan Branch, Bulletin]

lzy. Vses. geog ob - va (12b)	Geograficheskoe obshchestvo SSR. Izvestila [Geographic Society of the U.S.S R. Bulletin]	Kons i ov, prom	Konservnata i ovoshchesushil'nata promyshleanost* [The
lzy.vys.ucheb. gav.; chern.	Russia (1923 U. S. S. R.) Ministersivo vyssicgo i srednego spelsial linggo obrazovantia. Izvestila	(16c) Kozh, -obuy	Canning and Dehydrated Vegetable Industry]  Kozhevenno-obuvnaja promyshlennosi' [Leather and Foot- wear Industry]
met, (16h)	vysshikh uchebnykh zavedenil; chernaia metal- lurgiia [Min'si cy of Highen and Secondary Spe clalized Education. Bulletin of the Institutions	prom. (16f) Lakokras mat.i ikh prim. (16c)	Well Industry  Lakokrasochnye materialy i ikh primenenie (Lacquer and Paint Materials and Their Use)
lzy, vys ucheb	of Higher Learning, Ferrous Metallungy] Russin (1923 - U.S.S.R.) Ministerstvo vysshego i srednego	Leksykol, ta leksykogr,	Leksykologlia ta leksykografiia [Lexicology and Lexicog- raphy]
zav "elektro- mekh. (16e)	spetsial'nogo obrazovanila Izvostila vysshikh uchebnykh za-ordenii, elektiomekhanika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Insti- tutions of Higher Learning, Electrical Machinery and Apparatus]	(11a) Les ,bum,! der prom.	Lesnata, bumazhnaia i derevoobrabatyvatushchala pio- myshlennost' [Forest, Paper, and Woodworking Industry]
Izv.vys ucheb. zav., fiz.	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spelsial'nogo obrazovanila. Izvestija vysshikh uchebnykh	(16f) Let.druku BSSR (2a)	Letapis druku BSSR. Letopis' pechati BSSR [Chronicle of the Publications of the White Russian S. S. R. ]
(191)	zavedenti, fizika [Ministry of Higher and Secondary Specialized Education Bulletin of the Institutions of Higher Learning, Physics	Let.peth Mold. SSR (2a)	Letopis' pechati Moldayskoi SSR [Chronicle of the Publications of the Moldaylan S S. R. ]
lzv. vys. ucheb. zav.; geod. t aero(, (13b)	Russia (1923 - U.S.S.R.) Ministerstvo vysshego i srednego Spetsial'nogo obrazovanila. Izvestila vysshikh uchebnykh zavedenil, geodozila i aerofotos'emka [Ministry of	Lis.hosp , lis., pap. i der. prom. (18f)	Lisove hospodarstyo, lisova, paperova i derevoobrobna promyslovist' [Forestry, Forest, Paper, and Wood- working Industry]
	Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Geodesy and Aerial Photography]	Lit i isk, nar SSSR i zarub stran (11b)	Literature 1 tekessive narodov SSSR i zarubezhnykh siran [Literature and Art of the Peoples of the U.S S R, and Foreign Countries]
lzv. vys. uchab. zav., geol. i	Russia (1923 - U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovanita. Izvestila vysshikh uchebnykh zavedenti; geologita i razvedka [Ministry of Higher and Seconda: y Specialized Education. Bulletin of the Institutions of Higher Learning, Geology and Prospecting]	Lit.stran Afr. (llb)	Literatura stran Afriki [Literature of the Countries of Africa]
razv, (18h)		Lop mash. i struin, app.	Lopatochnye mashiny i struinye apparaty [Bucket Machines and Jet Apparatus]
lzv. vys, ucheb, zav., gor. zhur. (16h)	Russia (1923 – U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovanita, izvostila vysshikh uchobnykh zavedenii; gornyi zhurnal [Ministry of Higher and	(16g) Mash i neit obor. (18h)	Mashiny I neftianoe oborudavanie [Mashinery and Petroleum Equipment]
(1011)	Secondary Specialized Education, Bulletin of the Institu- tions of Higher Learning; Mining Journal	Mash, i obor dlia mekh, i aytoma-	#Mashiny i oboruđovanie dlia mekhanizatsii i aytometiza-
lzy vys ucheb zav.; khim i khim tekh	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial nogo obrazovantia. Izvestia vysshikh uchebnykh	tiz.trud.prots. v ugol'.prom. (16h)	tsli trudoemklikh protsessov v ugol'noi promyshlen- nosti [Machinery and Equipment for the Mechanization and Automation of Labor Consuming Processes in the Coal Industry]
(13d)	zavedenti, khimita i khimleheskata tekhnologita [Ministry of Higher and Secondary Specialized Education Bulletin of the Institutions of Higher Learning; Chemistry and	Mashinostroitel' (16g)	Mashinostroitel' [Machine Builder]
Izv. vys. ucheb.	Chemical Technology    Russia (1923 - U. S. S. R. ) Ministerstvo vysshego i srednego spetsial nogo obrazovanila, Izvestila vysshikh uchebnykh zavedenii; lesnoi zhurnal [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Forestry Journal]	Mashinovedenie (16g)	Mashinovedenie [Mechanical Engineering]
zav.; los. zhur (16c)		Masi, -zhir, prom, (16c)	Masio-zbirovala promyshlennost [Oils and Fats Industry]
lzv.vys.uchob. zav.; neft' i	Russin (1923- U.S.S.R.) Ministerstvo vysshego i sradnego spetsial nogo obrazovanija. Izvostija vysshikh uchebnykh	Mat.sbor, (13e)	Matematicheskii sbornik [Mathematical Roview]
gaz (16h)	ravedenit, neft' i gaz [Ministry of Higher and Secondary Specialized Edwration. Dullotin of the Institutions of Higher Learning; Petroleum and Gas]	Mattekh. suabzh. (5b)	Material'no-tekhnicheskoe snabzhenie [Supply of Materials and Equipment]
irv. vys. ucheb, zav.; tekh. leg.	Russia (1923 - U. S. S. R. ) Ministersive vysshego i srednego spetsial'nogo obrazovanita, izvestila vysshikh uchebnykh	Med, paraz, i paraz, bol, (14a)	Meditsinskala parazilologila i parazitarnyo bolezni [Medical Parasitology and Parasitic Diseases]
prom, (16f)	zavodenii; tokinologiia logkoi promysiloimosti [Ministry of Highor and Secondary Specialized Education, Eulletin of the Institutions of Higher Loraning; Technology of	Med.rad. (14a)	Meditsinskaja radiologija [Medical Radiologyj
Kardiologjia	Light Industry.] Kardiologiia {Cardiology}	Med.ref.zhur, (14a)	Meditsinskii referativnyi zhurnal [Medical Abstracts]
(14a) Kai, dan, po	Mirovol teentr dannykh Bl. Katalog dannykh po me-	Mekh, stroi, (16d)	Mekhanizatsiia stroitel'siva [Mechanization of Construction]
metoor.i lad.rad, (13f)	teorologii i iadernoi radiateli [World Data Center B1, Catalog of Meteorology and Nuclear Radiation Data]	Meteor, biul, TSIP (131)	I-Moscow. TSentral'nyi institut prognozov. Meteorologichoskii biulloten' [Central Weather Institute. Meteorological Bul- letin]
Kauch, i rez, (16c)	Kauchuk i rezina [Crude and Vulcanized Rubber]	Mezhdunar, zhizn' (6)	Mozhdunarodneja zhiza' [International Life]
Khirurgiia (14h)	Khirurgiin (Surgery)	Mias. ind. 888R (16f)	Miasnala industrila SSSR [Meat Industry of the U. S. S. R. ]
Khlob, I kond, prom. (16f)	Khlebopskarnaia i konditerskaia promyshlennost' [Baking and Confectionery Industry]	Mikrobiol. zhur. (13c)	Mikrobiologichnyi zhurnal [Journal of Microbiology]
Khim.v sel'. khoz. (15a)	Khimiia v sel'skom khoziaistvo [Chemistry in Agricul- ture]	Mikrobiologiia	Mikrobiologiia [Microbiology]
Khal, tokh, (18c)	Kholodil'naia tekhnika [Refrigoration Engineering]	(13c) Min.sbor. (12c)	Mineralogicheskii sbornik [Mineralogical Review]
Kibornotika (13e)	Kibernetika [Cybernetics]	mir, ckon, i mezhdunar,	Mirovata ekonomika i mezhdunarodnye otnoshentia [World Economics and International Rolations]
Kin.i kat. (13d)	Kinetika i kataliz [Kinetics and Catalysis]	otn. (5b) Mol.komm. (6)	Molodoi kommunist [The Young Communist]
Kniga; issl. i mat. (2c)	Kniga; issledovantia i materialy [The Book; Studies and Papers]	Mor. (lot (17b)	Morskei flot [The Merchant Marine]
Knizh, let.	Knizhnaia letopis' [Book Chronivle]	Mukelev. prom. (16f)	Mukomol'no-elevatornala promyshlennost' (Flour Milling and Grain Storage)
(22) Kaizh torg. (2c)	Knizhnaia torgovlia [Book Trade]	Na etoi ned. VDNKH	Moscow. Vystavka dostizhenii narodnogo khoziaistva SSSR. Na etoi nedele [Exhibition of Achievements of
Koks I khim. (16c)	Koke i khimiin [Coke and Chemistry]	(16a) Na stroi. Ros.	the National Economy of the U. S. S. R. This Week   Na stroikakh Rossii [At Russian Construction Projects]
Koll, Zhur, (11d)	Kolloidnyi zhurnal [Colloid Journal]	(16d)	
Komm. Ukr. (6)	Kommunist Ukrainy [Communist of the Ukraine]	Nach, shkola (8a)	Nachal 'mala shkola [Primary School]
Komm. Vooruzh. Sil (17a)	Kommunist Vooruzhennykh Sil [Communist of the Armed Forces]	Nar, khoz, Kazakh, (5b)	Narodnoe khozialsivo Kazakhstana [The National Economy of Kazakhstan]

Nar,khoz Uzb	Narodnoe khozialstvo Uzbekistana The National Economy	Nov lit po Bolg (2a)	Novaia literatura po Bolgarii [New Liferature on Bulgar a ]
(5b) Nar obr, (8a)	of Uzbekistan] Narodne obrazovanie (Public Education)	Nov lit po IUg	Novain literatura po IUgoslavii [New Literature on Yugo- slavia]
Nauch dokl, vys. shkoly, ckon nauki (5b)	Russia (1923- U. S.S.R.) Ministerstvo vysshego i srednego spelsial'nogo obrazovanila. Nauchnye doklady vysshej shkoly, ekonomicheskie nauki [Ministry of Higher and Scondary Specialized Education Research	(2.4) Nov lit.po obshch probl.slav (2a)	Novaia literatura po obshchim problemam slavianovedcoita [New Literature on the General Problems of Slavic Studies]
Nauch dokt.vys,	Papers of Higher Schools, Economics] Russla (1923- U.S.S.R.) Ministerstvo vysshego i srednego	Nov lit.po Rum (2a)	Novala literatura po Rumynti (New Literature on Rumania)
shkoly; filol. nauki (lla)	speksial'nogo obrazovaniia. Nauchnye dokłady vysshei shkoly, filologicheskie nauki [Ministry of Higher and Secondary Specialized Education Research Papers of	Nov lit po Veng (2a)	Novaia literatura po Vengrii [New Literature on Hungary]
Nauch, dokl	Higher Schools; Philological Sciences   Russia (1923- U.S.S.R.) Ministeratvo vysahego i sred	Nov min (11b)	Novyi mii [The New World]
vys shkoly, files, neuki (Ja)	nego spetsial'nogo obrazovanila - Nauchrye doklady vys shei shkoly filosofskie naukt (Mint-try d Higher and Secondary Specialized Education - Research Papers of Higher Schools Philosophical Sciences;	Nov sov.ekon lit. (5b) Nov sov.l	Novaia sovetskaia ekonomicheskaia literatura [New Soviet Economic Literature] Novaia sovetskaia i inostrannaia literatura po voprosam
Nauch -issi trudy TSNIILV (161)	Moscov TSentral'nyi nauchno-issledovatel'skii institut promyshlennosti lublanykh volokon. Nauchno-issledovatel'- skie trudy [Central Scientific Research Institute of the	inostr, lit po vop, ateiz i rei, (3b)	ateizma i religii (New Soviet and Foreign Literature on the Problems of Atheism and Religion)
Nauch, -isel	Bast Fiber Industry. Scientific Research Papers]  Moscow TSentral'nyi nauchno-issicdovatel'skii institut	Nov. sov lit. po filos	Novala sovetskala literatura po filosofti (New Soviet Literature on Philosophy)
trudy TSNIISher- sti (16i)	sherstland promystlennosti. Nauchno-issledovatel skie trudy [Central Scientific Research Institute of the Wool Industry. Scientific Research Papers]	(3a) Nov sov lit po iaz (11a)	Novaia sovetskala literatura po jazykoznanilu (New Sovict Literature on Linguistics)
Nauch, -issl. trudy TSNIKHBI	Moscow, Tšentral'nyi nauchno-issledovatel'skii Instilut khlopchatobumazhnol promyshlennosti, Nauchno-	Nov. sov lit, po lit, (11b)	Novain sovetsknin literatura po literaturovedeniju [Kuw Soviet Literature on the Study of Idterature]
(161)	issledovateľskie trudy (Central Scientific Research Institute of the Cotton Industry, Scientific Research Papers)	Nov tov (5a)	Novye tovary; informatsionnyl biulleten* [New Con- sumer Goods, Information Bulletin]
Nauch soob IAFAN	Akademiia nauk SSSR. IAkutskii filiai, Yakutsk	Nov, yrom, (6)	Novos vremia [New Times]
SSSR (ta)	Nauchnye soobshcheniia [Academy of Sciences of the U.S.S.R. Yakut Branch Scientific Reports]	Og neupory (16h)	Ogneupor y [Refractorten]
Nauch, -tekh, shor po dob, nefti	Vsesofuznyl neftegazovyi nauchno-issledovateľskii institut. Nauchno-tekhnicheskii sbornik po dobycho nefti [All-	Oktiabri (11b)	Oktiabr' [October]
(16h)	Union Scientific Research Institute of Petroleum and Natural Gas. Scientific and Technical Papers on	Okeanologiia (12b)	Okeanologila [Genanology]
Nauch, trudy	Petroleum Production]  Taphkent Huivayeitet Nauchman trudu (Huivayeite Ptutica)	Opt I spektr, (13f)	Optika I spektroskoptia [Optics and Spectroscopy]
TashGU (1a) Nauch trudy TashGU, Fi-	Tashkent, Universitet, Nauchnye trudy [University, Studies]  Tashkent Universitet Nauchnye trudy Filosofskie naukl [University Studies Philosophical Sciences]	Opt, -mekh, prom, (16g)	Optiko-mekhanichoskala promyshlemosi* [Optical List 14-ments Industry]
los nauki (3a)	·	Ortop , travm t protez (14h)	Ortopedia, travmutologila i protezh ovanja (Ortho- pedica, Traumatology, and Prosthesia)
Nauch.trudy TashGU Geol nauki (12c)	Tashkent, Universitet Nauchnye trudy Geologicheskie nauki [University, Studies Geological Sciences]	Osn., fund.i mekh,grun. (16d)	Osnovantia, fundamenty i mekhanika grunlov [Foundathers and Soil Mechanics]
Nauk, zap, Kyiv, un, (la) Neft i gaz, prom	Ktev. Universytet. Naukovi zapysky [University, Studies] Nettianala i gazovala promysitiennost' [Petroleum and Gas	Osn, nematod, (13c)	Akademita nauk SSSR. Gel mintologicheskata labatat 1812. Osnovy nematodologii [Academy of Sciences of the U. S. S. R. Helminthological Laboratory, Principles of
(16h)	Industry]	Dologt abon (4a)	Nomatodology
Neft.khoz. (16h)	Neitianoe khoziaistvo [The Petroleum Industry]	Palost, sbor. (4a) Paraz, zhiv	Palestinskii sbornik (Palestine Reviow)  Parazity zhivotnykh i rasienii (Parasitos of Animals as 2
Nefteper ( neftekhim, (16h)	Neftepererabolka i neftekhimita [Petroleum Refining and Petroleum Chemistry]	i rast. (13c) Part, zhizn'	Plants ] Partinaia zhizu [Party Life]
Neltianik (16h)	Neitianik [The Petroleum Worker]	(6) Poshchery	
Nov. inostr. ekon. lit. (5b)	Novala inostrantaia ekonomicheskala litoratura [Now Foreign Economic Literature]	(12b) Pist, v red.	Peshchery [Caves]  Zhurmal eksper imental not i teoreticheskoi fiziki, 1954; 3
Nov inostr lit po filos. (3a)	Novaia inostrancaia literatura po tilosofii [New i oreign Literature on Philosophy]	Zhur, eksper, i teoret, fiz, (13f)	v redaktsitu [Journal of Experimental and Theoretical Physics. Letters to the Editors]
Nov.inostr lit po iaz. (lla)	Novaia inestrannaia literatura po iazykoznantiu (New Foreign Literature on Linguistice)	Plan. khoz. (5b)	Planovoe khozialstvo [Planned Economy]
Nov. mosti.lit.	Novaia most annam her nera po istorii, arkbeologii i etno-	Plast, massy (16c)	Plasticheskie massy [Plastics]
po ist.,arkheol. i etn. (4a)	grafii [N: w Foceign Literature on History, Archaeology, and Ethnography]	Pochyovedenie	Pochvovedente [Soil Science]
Nov.inostr.lit. po lit (11b)	Novaia inostrannaia itioratura po literaturovedentiu [New Foreign Literature on the Sludy of Literature]	(15a) Poligr.proizv. (2c)	Poligraficheskoe protzvodstvo (Printing Industry)
Nov knigi SSSR (2a)	Novye knigi SSR [New Books of the U.S.S.R.]	Porosh, met.	Poroshkovaja metallurgija (Powdor Metallurgy)
Nov.knigi za rub. Ser. A (13a)	Novye knigi za rubezhom. Seriia A: Matematika, mokhanika, astronomila, geofizika, fizika, khimila, geologiia, fizi- cheskala geografila [New Foreign Books: Series A: Mathe- matics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology, Physical Geography	(16h) Pratsi Inst.vyk.ga- zu v kom.hosp. ta prom.AN URSR (16c)	Akademila nauk URSR, Kiev. Instytut vykorystanniz gazz v komunat'nomu hospodarstvi ta promyslovosti. Pratet [Academy of Sciences of the Ukrainian S.S.R. fratit."s of Gas Utilization in the Communat Economy and is Industry. Transactions]
Nov. knigi za rub. Ser B (18a)	Novyo knigi za rubezhom. Serlia B: Tekhnika [New Foreign Books, Serles B: Technology]	Prikl. mat. i mekh. (13e)	Prikiadania matematika i mekhanika [Applied Mathewatics and Mechanics]
Nov. knigi za rub. Ser. V (2a)	Novye knigi za rubezhom. Serita V: Biologiia, medlisina, sell skoe khozlaistve [New Foreign Books, Series V: Biology, Medicine, Agriculture]	Prikl. mekh. (16g) Priroda (13a)	Prikladnala mokhanika [Applied Mechanica] Priroda [Nature]
Nov. knigi za	Novye knigi za rubezhom po obshchestvonnym naukam;	Probl, endok, i	Problemy ondokrinologil i gormonoterapii (Problems : 1
rub, po obshchesty,	ekonomika, filosofila, istorila, mezhdunarodnye oinoshe- nia [New Foreign Books on the Social Sciencesy Eco- nomics, Philosophy, History, International Relations]	gorm, (14a) Probl.gemat.	Endocrinology and Hormone Therapy Problemy gematologic i perclivanta krovi (Problems of
naukam (2a)	•	i perel	Hematology and Blood Transfusion

Probl. mat. (1z. Problemy matematicheskoi (iziki [Problems of Matho-Sakh.prom. (16c) Sakharnaja promyshlepnost! [Sugar Industry] (131) matical Physics] Moscow Vsesoluznyl nauchno-issledovateľskil instilut Shor izohr, v Problemy sovremented khimit koordinatsionnykh soedinenti [Problems of the Coordination Compounds in Modern Chemistry] Probl. sovr. worskogo rybnogo khozzialstva i okwanogi afiti. Siornik izobretenii v rybnoj bromyshlennosti [All-Union Sci-entific Research Institute of Marine Fisheries and Ocea v ryb prom, (15b) khim koord. soed. (13d) nography. Papers on Inventions in the Fishing Industry] Probl. tub. Problemy tuberkuleza [Problems of Tuberculosis] (14a) Moscow Nauchno-issledovatel'skii institut ospovanii i podzemnykh sooruzhenti. Sbornik [Scientific Research Sbor. NIIosn. (16d) Proch. i din. Prochnosti i dinamika avlatsionnykh dvigatelei [Strength and Institute of Foundations and Underground Construction. av.dvig. Dynamics of Aircraft Engines Papers] Sbor. nauch. tLeningrad, Nauchno-issledovatel'skii institut lesn**oge tho**-ziaistva Sbornik nauchno-issledovatel'skikh rabot pe lesnomu khoziaistvu [Scientific Research Institute of Prom. aerodin. Promyshlennaia aerodinamika (Industrial Aerodynamics) issl. rab. po les. khoz. (15c) (16d) Prom. Arm. Promyshlennost' Armenii [Industry of Armenia] Forestry. Papers on Forestry] Zornovoy. Azovo-Chernomorskii institut mekhanizatsii sal'skogo khoziaistva. Sborulk nauchnykh statel [Azov-Black Sea Institute for the Mechanization of Agriculture Sbor. nauch. st. Azovo-Cher. Prom Bel, Promyshlennost' Belorussii [Industry of White Russia] inst, mekh, sel'-(16a) khoz. (15a) Prom. strot Promyshlennoe stroitel'stvo [Industrial Construction] Leningrad, Inzhenorno-stroitel'nyi institut, Sbornik nauch-rykh trudov [Civil Engineering Institute, Papers] (10d) Sbor, nauch trud, LISI (16d Promyshlonnoe strottel'stvo 1 inzhenernye sooruzheniia [Industrial Construction and Engineering Structures] Prom. stroi. i Ingh. 80or. Tula, Podmoskovnyi nauchno-tsaledovatel'skii i proektno-konstruktorskii ugol'nyi institut, Sbornik nauchnykh trudov [Moscow Region Scientific Research and Design Coal Institute, Studios] (b81) Sbor, nauch trud. PNIIII Publ Otd, struk Moscow. Universitet. Otdelenie strukturnoj i prikladnoj (16h) l prikl. lingv. MGU (11a) lingvistiki, Publikatsii [University Department of Structural and Applied Linguistics, Publications] Ordzhonikidze. Severo-Osetinskii gosudarstvennyt meditain-skii institut. Sbornik nauchnykh trudov [North Ossetian State Medical Institute Papers] Shor nauch, trud. SOGMI Put! I put, khoz. (16d) Put! i putevoe khozicistvo (Raili oad Tracks and Roadway Maintenance] (14a) Pyt atoiz, (36) f Pytannia ateizmu [Problems of Atheism] Sbor. ab.po gidrol. (12b) Leningrad. Gosudarstvennyi gidrologicheskil institut. Sbornik rabot po gidrologii [State Hydrology Institute. Papers on Hydrology] Radio (16e) Radiobiologiia Radiobiologita [Radiobiology] Sbor, rab, po vop. (13c) Akademiia nauk SSSR. Institut elektromekhaniki. Shornik elektromekh (16e) rabot po voprosam elektromekhaniki, Sbornik rabot po voprosam elektromekhaniki [Academy of Sciences of the U.S. S. R. Institute of Electrical Machinery and Apparatus. Papers on the Problems of Electrical Machinery and Apparatus] Radiokhimiia Radiokhimila [Radiochemistry] (13d) Radiotekhnika Radiotekhnika [Radio Engineering] Baku. Azerbaidzhanskii nauchno-lesiedovatel akii institut neftepererabatyvaiushchei promyshlennosti. Sbornik trudov [Azerbaijan Scientific Research Institute of the (16e) Sbor.trud. Aznii np (18c) Razved.i okh. nedr (16h) Razvedka i okhrana nedr [Prospecting and Conserva-tion of Mineral Resources] Petroleum Refining Industry. Papers Rech. transp. (17b) Rechnoi transport [Inland Water Transportation] Azerbaidzhanskii nauchno-issledovateľskii institut Sbor, trud. Azerb. nauch, -issl. inst, kur, i fiz, metod, lech. (14c) kurortologii i fizicheskikh metodov lechenila. Sbornik Ret. abor. ; Referativnyi sbornik: Ekonomika promyshlennosti [Journal of Abstracts: Economics of Industry] taudov [Azerbaijan Scientific Research Institute of Health Resort and Physical Therapy, Papers] Ekon prom. Sbor, trud. LIIZHT (16d) Leningrad, Institut inzhene ov zheleznodo o o zhogo trans-porta, Sbornik trudov [Institute of Railroad Transporta-tion Engineers, Papers] Ref zhur, : Avt. dor. (16d) Referativnyl zhurnal: Avtemobil'nye derogi [Journal of Abstracts, Highways] Ref. zhur. : Avt. i gor. transp. (16g) Referativnyl zhurnal: Avtomobil'nyi i gorodskoi transport [Journal of Abstracts: Automoti/e and City Transpor-tation] Shor, trud, NIIGS Lenlagrad, Gosudarstvennyl nauchno-issledovatel skil (16c) Institut gidrolizaoi I sul'itino-spirtovoi pronyshlennosti. Slornik trudov [State Scientific Research Institute of the Hydrolytie, Sulfite, and Alcohol Industry. Papers] Ref. zhur.;
Avtom., telem.,
1 vych. tekh.
(16e) Referativnyi zhu.nni: Avtomalika, telemekhanika i vychislitel'nala tekhnika Journal of Abstracts: Auto-matic Control, Remote Control, and Computer Teels Sbor, trud, NIIST Akademila strollel'stva i tukhitektury SSSR, Institut sani tarnoi tekhniki, Shornik trudov Academy of Construction and Architecture of the U.S.S.R. Institute of Samilary (16d) Hef. zhur. · Elek Referativnyi zhui nal: Elektronika i ee primenenie [Journal of Abstracts: Electronics and its application] Engineering, Papers] ice prim. (16e) Moscow. TSentral'nyi nauchno-iseledovatel'skii institut chernoi metallurgii. Sbornik trudov [Central Scientific Rosearch instituto of Ferrous Metallurgy. Papers] Sbor.trud TSNIICHM Ref. zhur.; Fiz. Referativnyi zhurnal. Fizika [Journal of Abstracts: Physics] (16h) (13() Sei', khoz. Sel'skoe khoziaistvo; sistematicheskii ukazateli statei v Rof. zhur. ; Referativnyi zhurnal: Geologiia [Journal of Abstracts: tnostrannyth rhumalakh [Agriculture, Classed Index of Articles in Foreign Periodicals] (15a) Geol. (12c) Geology Ref. zhur. : Gor. Sel*.khoz.za rub. Sel'skoe khozialstvo za rubezhom; Rastenievodstvo (Agricul-Referativnyl zhurnal: Gornoe delo [Journal of Abstracts: Rast. (15d) delo (16h) ture Abroad; Plant Culture) Mining Sel'khoz. lit. SSSR (15a) Selⁱskokhoziaistvennaia literatura SSSR (Agricultural Rof. zhur. : Referativny i zburnal: Kibernetika [Journal of Abstracts: Literature of the U. S. S. R. ] Kib. (13a) Cybernotical Sem'ia i shkola Semila i shkola [Family and School] fief, zhur, : Leg. prom. (16f) Referativnyi zhurnal: Legkaia promyshlennost' [Journal of (8a) Abstracts: Light Industry] Shakht. stroi. Shakhtnoe strottel'stvo [Mine Construction] Referativnyi zhurnal: Matematika [Journal of Abstracts: Rof, zhur, : Mat. Shkola i proizv. Shkola i proizvodetvo [School and Industry] (13e) Mathematical (8a) Referativnyl zhurnal; Mekhanika [Journal of Abstracts; Ref. zhur. : Mekh. Solm.rad.i rad.bal. (13f) Leningrad, Glavnaia geofizicheskaia observatoriia [Main Geophysical Observatory] Solar Radiation and Radiation Balanco Data, Solucchnaia radia-(13f) Mechanics Referativnyl zkurnal: Promyshlennyl transport [Journal of Abstracts: Industrial Transportation] Ref. zhur.: Prom. tiansp. (18g) tsiia i radiatsionnyi balans, Akademiia nauk Gruzinskoi SSR, Tiflis Soobshcheniia |Academy of Sciences of the Georgian S S R |Roports: Russian language edition Ref, zhur, ; Tekh, Referativnyi zhurnal: Tekhnologiia mashinostroenila Soob. AN Gruz SSR (la) [Journal of Abstracts: Technology of Machinery Manufacture] mashinostr, (16g) Sotsialisticheskii trud [Socialist Labor] Sots, trud (5d) Ref. ghur. : Reforativnyi zhurnal: Teploenergetika [Journal of Abstracts: Teploenerg. (16g) Heat Engineering Sotsialisticheskala zakonnosť [Socialist Legality] Sots, zakon. Ref. zhur.: Vod. transp. (17b) Referativnyi zhunnal: Vodnyi transport (Journal of Abstracts: Water Transportation) Sovetskie arkhivy (Soviet Archives) Sov.arkh. (4a) Ref. zhur.: Vozd. transp. (16b) Referativnyi zhurnal: Vozdushnyi transport [Journal of Sovetskie dolgolgrajushobje gramptastinki (Soviet Long-playing Phonorecords) Sov.dolgolgr. gramplast. Abstracts: Air Transportation] Referativnyl zhurnal: Zheleznodorozhnyl transport [Journal (9b) Ref. zhur. ; Zhel. dor. (ransp. (16g) of Abstracts: Railroad Transportation] Sovetskaja etnografija [Sovjet Ethrography] Sov, etn. (12a) Rybnoe khoziaistvo (Pisheries) Ryb.khoz, (16b) Sovetskoe gosudarstvo i pravo [The Soviet State and Soy, gos, i Rybnaia promyshlennost' [Fishing Industry] pravo (7) Ryb, prom. (15b)

Sov iust. (7)	Sovetskala justisita [Soviet Justice]	Transp.i khian. nefti i nefte-	Transport i khranenie nelli i nelleproduktov [Transportation and Storage of Petroleum and Petroleum Products]
Sov med (14a)	Sovetskaia meditsina [Soviet Medicine]	prod (16h) Transp. stroi.	Transportnoe stroitel stvo [Construction for the Trans-
Sov pedag (8a) Sov.profsoluzy	Sovetskala pedagogika [Soviet Pedagogy] Sovetskie profsotuzy [Soviet Trade Unions]	(16d) Trudy Azerb.	portation industry]  Azerbaidzbanskoe geograficheskoe obshchestvo. Trady
(5d)		goog. ob-va (12b)	[Azorbaijan Geographic Society Transactions]
Sov. slav (4a) Sov. torg. (5a)	Sovetskoe slavianovedente (Soviet Slavic Studies)  Sovetskala torgovlia [Soviet Commerce]	Tiudy Azeib otd TSNIORKH (15b)	TSentral'nyl nauchno-issledovatel'skil institut enetromen khozlalstva Azerbaidzhanskoe otdelenie Trudy [t entral Scientific Research Institute of Sturgeon Reuring Azer-
Sov. voin (17a)	Sovetskii voin [Soviet Soldier]	Trudy Fiz. Inst.	baijan Department, Transnetions    Akademila nauk SSSR, Fizicheskli institut, Trudy [Academy]
Sovr. kit. lit. po obshchesty	Sovremennaia kitalakaia literatura po obshchestvennym naukam; referativnyi ebornik [Contemporary Chinese	(13f)	of Sciences of the U. S. S. R. Institute of Physics Tracti- actions
naukam (1a) Spirt, prom.	Literature on the Social Sciences; Journal of Abstracts] Spirtovala promyshlennost' [Distilling Industry]	Trudy GGO (131)	Leningrad Glavnain geofizicheskala observatorila fro ly [Main Geophysical Observatory Transactions]
(16c) Sred.spets.obr. (8a)	Srednee speisial'noe obrazovanie [Secondary Specialized Education]	Trudy GIDUV (14a)	Leningrad. Gosudarstvennyl institut usovershenstruvanila vrachel. (Trudy) (State Institute of Postgraduale Training for Physicians. (Transactions)
Stal' (16h) Stan, i Instr, (16g)	Stal' [Steel] Stank! I instrument [Machine Tools and Cutting Tools]	Trudy GIN (12c)	Akademiia nauk SSR. Geologicheskii institut, Trudy [Academy of Sciences of the U. S. S. R. Geological In- stitute, Transactions]
Stand i kach (16a)	Standarty i kachestvo [Standards and Quality]	Trudy GIPKH (18c)	Leningrad, Gosudarstvennyi institut prikiadnoi khimii, Trudy [State Institute of Applied Chemistry, Trans- actions]
Strol i arkhit (10b) Strol i arkhit	Strottel'stvo i arkhitektura [Construction and Archi- tecture]	Trudy Gidropro- ekta (16d)	Moscow, Vsesoioznyi proektno-izyakatel'skil i nauchno- isaledovniel'skii institul "Gidroproekt" imeni 8.1A. Zhuk, Trudy [S IA Zhuk All-Union Planning and Re-
Len (10b)	Stroitel'stvo i arkhitektura Leningrada [Construc- tion and Architecture in Leningrad]	Trudy Gos.nauch	search Institute "Gidtoprockt, " Transactions)
Stroi.i arkhit. Mosk. (10b)	Stroitel'sivo i arkhitektura Moskvy [Construction and Architecture in Moscow]	issi.inst.psikh. (I4c)	Moscow. Gosudarstvennyl nauchno-les ledovatel'akil institut psikhintrii – Trudy (Sinto Scienlific Rusenti h Institute of Psychiatry. Transactions)
Stroi i arkhii Uzb (10b)	Stroitel'sivo i arkhitektura Uzbekistana [Construction and Architecture of Uzbekistan]	Trudy IMGRE (12c)	Akademiia nauk SSSR. Institut mineralogii, geukhimit i kristallokhimii reddikh elementov. Trudy (Academy of Sciences of the U.S.S.R. Institute of the Mineralogy, Geochemistry, and Crystallochemistry of Haze Liencets
Stroi.i dor. mash. (16g)	Stroitel'nye i dorozhnye mashiny [Construction and Road Machinery]	Trudy Inst.	Transactions) Akademia nauk SSSR. Institut biologii vautrenaikh ved.
Stroi. mat. (16d)	Stroitel'nye materialy [Building Materials]	biol.vnutr. vod. (13c)	of the Biology of Inland Waters. Transactions
Stroi.mekh.i rasch soor. (16d)	Strottel'nzia mekhanika i raschet sooruzhenii [Structural Mechanics and Construction Calculations]	Trudy Inst. [i ziol, AN Ka- zakh . SSR (13c)	Akademita nauk Kazakhekoi SSR, Ałma-Ata. Institut fiziologii. Trudy [Academy of Sciences of the Kazath S.S.R. Institute of Physiology. Transactions]
Stroi trubo- prov (16d)	Stroitel'stvo truboprovodov (Pipeline Construction)	Trudy Inst. geog. AN Azerb. SSR	Akademiia nauk Azerbaldzhanskoi SSR, Baku. Institut gen grafti. Trudy [Academy of Sciences of the Azerbaijan
Sudmed.eks- pert. (14a)	Sudebno-meditsinsknia okspertiza [Forensic Medicine Expertise]	(12b) Trudy Inst. ist,	8.8.10. Institute of Geography. Transactions)
Sudostroenie (17b) Svod, biul, nov,	Sudostroenie (Shipbuilding) Svodnyl blulleten' novykh inostrannykh knig, postuplyshikh	est. i tokh. (13a)	Akademiia nauk SSSR. Institut islovil entestvoznania i tekhniki. Trudy (Academy of Sciences of the U.S.S. R. Institute of the History of Natural Sciences and Technology. Transactions)
inostr. knig. Ser. B (2a)	v biblioteki SSSR, Serifa B; Obshchestvennye nauki [Union List of New Foreign Books Received by the Libraries of the U. S. S. R. Series B; Social Sciences]	Trudy Inst. ist. par. [Azerb.]	Baku Institut istorit partii, Trudy [Institute of the illeder y of the Party, Transactions]
Tekh.1 org. proizv. (16g)	Tekhnologiia i organizatelia proizvodstva [Tech- nology and Organization of Production]	Trudy Inst. khim. AN Azerb. SSR (13d)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Institut khimii. Trudy [Academy of Sciences of the Arct- baijan S S.R. Institute of Chemistry. Transactions]
Tekh, mashino- str. (16g) Tekh poligr.	Frekhnologia mashinostroenila (Technology of Machinory Manufacture)  Moscow. Vsesoluznyi nauchno-issledovatel'skii institut	Trudy Inst. vys. nerv. deiat. Ser, patofiziol. (14c)	Akademiia nauk SSR. Institut vysshei norvnoi delalet- nosti. Trudy. Soriia patofiziologicheskain [Academy of Sciences of the U. S. S. R. Institute of the Righer Nervous Function. Transactions, Pathophysiological
(2c)	poligraficheskyl promyshlennosti. Tekhnologila poligra- fii; informatsionno-referativnyl shornik [All-Union Sci- entific Research Institute of the Printing Industry, Print- ting Technology; Information Abstracts	Trudy Irk, inst. nar. khoz,	Series   Transactions, Pathophysiological Series   Firkutsk, Institut natodnogo khoziatstva, Trady (Institute of the National Economy, Transactions)
Tekh y sel'khoz	Tekhnika v sel'skom khoziaistve [Machinery in Agriculture]	(5b) Trudy Irk, un. (ia)	Irkutsk. Universitet. Trudy [University. Transactions]
(15a) Teor. i prak. fiz.	Teorila i praktika fizicheskoi kul'tury [Theory and Prac-	Trudy KHSKHI (15a)	Kharkov, Sil's'kohospodars'kyi insiyiut, Trudy [Agricultural Institute, Transactions]
kul't. (8b) Teor.polugr. i se prilozh.	tice of Physical Education  Teoria polugrupp i ee prilozheniia [Theory of Semi- groups and its Applications]	Trudy Kazan, fil. AN SSSR, Ser, biol, nauk (13c)	Akademiia nauk SSSR. Kazanskii IIIal. Trudy. Serita biologicheskikh nauk [Academy of Sciences of the U.S.S.R. Kazan Branch. Transactions, Series in its
(13e) Teor.veroiat.i ee prim. (13e)	Teorila verolatnostel i ee primeneniia [Theory of Preh- ability and its Applications]	Trudy Khimmet. inst.Sib.otd, AN SSSR (16h)	Biological Sciences]  Akademiia mank SSSR. Sibirskoe otdolenio. Khimiko- metallurgicheekii institut. Tructy [Academy of
Teoret, l eksper, khim, (13d)	Teoreticheskaia i eksperimental'nala khimiia [Theoretical and Experimental Chemistry]	Trudy Kom, chety,	Sciences of the U.S.S.R. Siberian Department. Chemicometallurgical Institute. Transactions Akademilia nauk SSSR Komissila po Izucheniu chelver
Teploenergetika (16g)	Teploenergetika [Heat Engineering]	per (12c)	tichnogo perioda. Trudy [Academy of Sciences et the U.S.S.R. Commission for the Study of the Quaterrary Period. Transactions]
Teplofiz.vys. temp. (13f)	Teplofizika vysokikh temperatur [Thermophysics of High Temperatures]	Trudy LPI (16a)	Leningrad, Politekhnicheskii institut, Trudy į Polytechnic Institute, Transactions]
Torf, prom. (18h)	Toritana promyshlennost [Paper Industry]	Trudy LPMI (14b)	Loningrad, Pediatricheskii meditsinskii institut, Trudy [Pediatric Medical Instituto, Transactions]
Torg, za rub, (5a)	Torgovlia za rubezhom [Trade Abroad]	Trudy Lim. inst. (13c)	Akademiia nauk SSSR. Sibirskoe otdelenie, Limpologichcakii insiitut, Trudy [Academy of Sciences of the U.S. S. R. Siberian Department, Limpological Institute, Trans-
Trakt, i sel'- khozmash. (16g)	Traktory i sel'khozmashiny [Tractors and Agri- cultural Machinery]	Trudy MIIT (16g)	actions]  Moscow. Moskovskii institut inzhonerov zheleznodo- rozhnogo transporta. Trudy [Moscow Institute of

Trudy MMTS (131)	Mirovoi meteorologicheskii isenir. Trudy [World Meteoro- logical Center. Transactions]	Սgol' (16h) Սgol' Ukr. (16h)	Ugol' [Coal] Ugol' Ukrainy [Coal of the Ukraine]
Trudy MVKHPU (10n)	(Moscow, Vysshee khudozhestvenno-promyshlennos uchi- lishche Trudy [Higher School of Industrial Art Trans- actions ]	Ukı, fiz. zhur. (131)	Ukrainskyi fizychnyi zhurnal [Ukrainian Physics Journal] Ukrainskii khimicheskii zhurnal [Ukrainian Chemical
Trudy Min. muz. (12c)	Akademija nauk SSSR. Mineralogicheskii muzel. Trudy [ACademy of Sciences of the U.S. S. R. Mineralogical Museum, Transactions]	Ukr khim zhur (13d) Ukr, mat, zhui,	Journal] Ukrainskii matematicheskii zhurnal [Ukrainian Matnematical
Trudy NIIAK (131)	Moscow. Nauchno-issiedovateľskii institut aeroklima- tologii, Trudy [Scientific Research Institute of Aero-	(13e) Vap.khim, (13d)	Journal] Uspekhi khimii [Progress in Chemistry]
Trudy NIIGA (12c)	climatology. Transactions]  Leningrad. Nauchno-issledovatel'skii institut geologii Arktiki Trudy [Scientific Research Institute of Arctic	Usp. sovr. biol. (13c) V mire knig	Uspekhi sovremennol biologii [Progress in Contemporary Biology]  V mire knig [In the World of Books]
Trudy NIIGMP	Geology. Transactions] Leningrad Nauchno-issledovatel'skii institut gidrometeoro- logicheskogo priborostroeniia Trudy [Scientific Research	(2a) Vech. sred.	Vechernials srednists shkola [Evening Secondary School]
(13!)	Institute of Hydrometeorological Instrument Manutacure, Transactions	shkola (8a) Ved Verkh	Russia (1917 - R. S F. S R. ) Verkhovnyi Sovet. Vedomosti
Trudy NIISZHIMSa (16c)	Nauchno-issiedovatoľ skii institut sinteticheskikh zhiroza- menitelet i mojushchikh sredsiv. Trudy (Sotentilic Ro- search Institute of Synthetic Fat Substitutes and Deter- gents. Transactions)	Sov RSFSR (7) Ved. Verkh. Sov. SSSR	[Supreme Soviet, Gazette]  Russia (1923 - U.S.S.R.) Verkhovnyl Sovet, Vedomosti [Supreme Soviet, Gazette]
Trudy NHZHB (16d)	Moscow, Nauchno-issiedovatel'skii institut belona i zhelezo- betona Trudy (Scientific Research Institute of Concrete and Reinforced Concrete, Transactions)	(7) Vest. drev. ist. (4a)	Akademiia nauk SSSR. Institut istorii. Vestnik drevnei istorii [Academy of Sciences of the U. S. S. R. Institute
Trudy Nauch. blbl.SGU (2b)	Saratov. Universitet. Nauchnaia biblioteka. Trudy [University. Research Library. Transactions]	Vest, LGU (1a)	of History. Review of Ancient History Leningrad, Universitet, Vestaik [University, Review]
Trudy SIMSKH (15a)	Saratov. Inetitut mekhanizatsii set'ekogo khoziaistva. Trudy [Institute of the Mechanization of Agriculture. Transactions]	Vest. mashino- str. (18g)	Vestnik mashlqostreenlia [Machinery Manufacture Review]
Trudy Sal, sel'khoz, inst (15a)	+ Sanatov. Sel'skokhozinistvennyi tastitut. Trudy [Agri- cultural Institute. Transactions]	Vest. Mosk.un. Ser. 1 Mat., mekh. (13e)	Moscow. Universitet. Vestnik. Serita I. Matematika, me- khanika [University. Review Series I Mathematics, Mechanics]
Trudy Shem. astrofiz.ob- aor. (13b)	Shomakha. Astrofizichoskaia observatorita. Trudy [Astro- physical Observatory. Transactions]	Vest. Mosk. un, Ser. 2: Khim. (13d)	Moscow, Universitet, Vestrik, Serifa 2; Khimita [University, Review, Series 2; Chemistry]
Trudy Sukh. bot sada (13c)	Sukhum Botanicheskii sad, Trudy [Botanicai Gardon, Transactions]	Vest. Mosk, un. Ser. 3. Fiz., astron. (13f)	Moscow, Universitet. Vestnik, Serila 3: Fizika, astro- nomila [University, Review, Series 3: Physics, Astrono- my]
Trudy TGU (la)	Tomsk Universitet Trudy [University, Transactions]  Tashkent, Institut inchenerov irrigatsii i mokhanizatsii	Vest. Mosk. un. Ser. 4; Geol.	Moscow, Universitet, Vesinik, Serila 4r Geologiia [Uni- versity, Review, Series 4; Geology]
Trudy THIMSKH (188)	sol'skogo khozialstva. Trudy [Institute of Irrigation and Farm Mechanization Engineers. Transactions] Tashkent. Universitet, Trudy [University. Transactions]	(12c) Vest. Mosk. un. Ser 5: Geog.	Moscow. Universitet. Vestnik. Serita 5 Geografiia [University. Review. Series 5. Geography]
Trudy TashGU (Is) Trudy Thil. GU	Tiffis, Universitet, Trudy [University, Transactions]	(12b) Vest. Mosk. un Ser. 6: Biol.,	Moscow, Universitet, Vestnik, Seriia 6 Blologlia, pochvovedenie (University Review, Series 6
(14) Trudy Turk, geog. ob-va (12b)	Turk menskoo geograficheskoe obshchestvo. Trudy [Turkmen Geographical Society. Transactions]	pochv. (13c) Vest. Mosk.un. Ser. 8: Filos.	Biology, Soil Science   Moscow, Universitet, Vestnik, Seriis 8: Filosofiis [University, Review, Series 8: Philosophy]
Trudy Turk. nauch, -issl. ipst. klim., kur. i fiz. metod.	f Ashkhabad. Turkmenskii nauchno-lesiedovalel'skii institut klimatologii, kuro:tologii i fizicheskikh metodov loche- niia. Trudy [Turkmen Scientific Research Institute of Climatology, Health Resort and Physical Therapy. Trans-	(3a) est. Mosk. un. Ser. 11; Zhur. (11b)	Moscow Universitet. Vestnik. Seriia 11. Zhurnalistika [University. Review, Series 11; Journalism]
190h. (148) Tindy U7GU (18)	actions} Samaı kand, Uzbekskii gosudaı stvennyl universitet Trudy [Uzbek State University, Transuctions]	Vest.ob- shchestv. nauk AN Arm. SSR	Akademila nauk Armianskoi SSR, Erivan Vestnik ob- shchestvennykh nauk [Academy of Sciences of the Armenian S. S. R. Review of Social Sciences]
Trudy VKNII (16f)	Moscow. Vsesoluznyi nauchno-issledovntel'skii institut konditerskol promyshlennosti, Trudy [All-Union Sel- entific Research Institute of the Confectionery Industry,	(la) Vest.rent.l rad. (14a)	Vesinik rentgenologii i radiologii [Review of Roontgenology and Radiology]
Trudy VNIGNI	Transactions   Moscow. Vsesoiuznyi nauchno-issledovatel'skii geologorazvedochnyi naftianoi insiliut. Trudy [All-Union	Vest, sel'khoz, nauki (15a)	Vestnik sel'skokhoziaistvennoi nauki [Review of Agri- cultural Science]
(16h)	Scientific Research Institute of Petroleum Geology and Prospecting. Transactions	Vest. sel'khoz. nauki [Kazokh.] (15a)	Vestnik sel'skokhoziaistvennoi nauki [Roview of Agri- cultural Science]. Kazakhstan.
Trudy VNIRO (15b)	Moscow. Vsesoluznyi nauchno-issledovatel'skii institut morskogo rybnogo khozinistva i okeanografii. Trudy [All-Union Scientific Research Institute of Marine	Vest. stat. (5b)	Vestnik statistiki [Statistical Review]
Trudy Vych. isostra AN Gruz, SBR (13e)	Fisheries and Oceanography. Transactions]  Akademiia nauk Gruzinskoi SSR, Tiflis. Vychislitel'nyi tsentr. Trudy [Academy of Sciences of the Georgian S. S. R. Computation Contor. Transactions]	Vest, TSNII MPS (16g)	Moscow. Vsesoiuznyi nauchno-issiedovatel'skii institut zheleznodorozhnogo transporta, Vostnik [All-Union Scientific Research Institute of Raliroad Transportation, Journal]
T8yat. met. (16b)	TSvetnye metally [Nonferrous Metals]	. REES KA Leisev Ver. isiid. ver.	Akademiia navuk BSSR, Minsk. Vesisi. Soryia bilaingich- nykh navuk [Academy of Sciences of the White Russian S.S.R. Bulletin. Series in the Biological Sciences]
Մբհ. ջոր, GGU (1a)	Gorkiy. Universitet, Uchenye zapiski [University. Studice] Nalchik, Kabardino-Balkarskii gosudarstvennyi universitet.	(13c) Vestat AN BESR.	Akademia navuk BSSR, Minsk. Seryia hramadskikh navuk [Academy of Sciences of the White Russian S.S.R.
Uch. zap. Kab Balk. gos. un. (1a)	Uchenye zapiski (Kabardino-Balkar state University. Studios)	Ser.hram.nav. (1a) Vestsi AN BSSR.	Bulletin, Series in the Social Sciences;
Uch.zap.MGPI (la)	Moscow. Moskovskil gosudarstvennyl podagogicheskit insti- tut. Uchenye zapiski [Moscow State Pedagogical Institute. Studies]	Sor. sel'hasp. nav. (15a)	darchykh navuk (Academy of Sciences of the Willie Lussie 8, 8, R. Bulletin, Series in the Agricultural Sciences)
Uch. sap. NIIGA. Ser. "Palcont.	Lenlingrad, Nauchno-issledovatel skil institut geologli Arkti- ki, Uchienye zapiski, Serila "Palcontologlia i biostratigra- ki, Uchienye zapiski, Serila "Daliwing of the Geology of the	Vnoah, torg. (5a)	Vneshninia torgovlia [Foreign Trade] Vodosnabzhenie i sanitarnaja tekhnika [Water Supply and
1 blostr." (12c)	Arctic. Studies. Series "Paleoncology and Divisioning and Paleoncology and Division and	Vod, i san, tekh, (16d) Voen, -let, zhur,	Sanifary Engineering]  Voenno-istoricheskii zhurnal [Military History Journal]
Uch. zap. Porm. ped. inst. (in)	Porm. Pedagogicheskii institut. Uchenye zapiski [Pcda- gogical Institute. Studies]	Voen18t. zaur. (4a) Voen. vest. (17a)	Vosnnyi vesinik [Military Review]
Uch. znp. Sver. goe. ped. inst. (ia)	Sverchovek, Gostaffektenin, Pedagogleat Institute. Studies] Uchonye zapiski [State Pedagogleat Institute. Studies]	<b>\-</b>	

Voen znan. (17a)	Voennye znanila [Milliary Knowledge]	Zakup sel'khoz.	Zakupki sel'skokhoziaistvennykh produktov [Purchases of
Vop, din teor	Voprosy dinamicheskoi teorii rasprostranenila neismiche-	prod. (54)	Agricultural Products]
raspr seism, voln (12c)	skikh voin {Problems of the Dynamic Theory of the Propagation of Selsmic Waves}	Zap. LGI (16h)	Leningrad. Gornyi institut Zapiski (Instituto of Mining. Records)
V up. ekon. (5 b)	Vopcoay chonomiki [Problems of Economies]	Zap. Vses. min. ob-va (12c)	Vsesoiuznoe mineralogicheskoe obshchesivo. Zapiski [All-Union Mineralogical Society. Annals]
Vop filos (3a)	Voprosy filosofii [Problems of Philosophy]	Zashch met (16h)	Zaslichita metallov [Metals' Protection]
Vop geog Kameh (12b)	Voprosy geografii Kamchatki [Problems of the Geography of Kamchatka]	Zashch, rast,	Manhaliti to the firm of the
		(15d)	Zashchita rastenii [Protection of Plants]
Vop. iaz. (11a)	Voprosy lazykoznaniia [Problems of Linguistics]	Zemledelie (15d)	Zemledelle [Agriculture
Vop.ist. (4a)	Voprosy istorii [Problems of History]	Zhur, mikrobjal., epid i immun, (14a)	Zhurnal mikrobiologii, epidemiologii i immunebiologii [Journal of Microbiology, Epidemiology, and Immune- biology]
Vop 1st KPSS (b)	Voprosy istorii KPSS (Problems in the History of the CPSU)	` '	NOTO EA 1
		Zhui Mosk.Patr (3b)	Otthodox Eastern Church, Russian Patriarch Zhuria; Moskovskoi Patriarkhii [Journal of the Moscow Patri- archate]
Vop.kur., fizioter. i lech.fiz. kul't.	Voprosy kuroitologii, fizioterapii i lechebnoi fizichoskoi kultury [Problems of Health Resort Therapy, Physical Therapy, and Exercise Therapy]	(00)	
		Zhur neorg. khim (13d)	Zhurnai neorganicheskol khimil [Journal of Inorganic Chomistry]
(14c)		Zhur nevr i	Zhurnal novronatologii i nabilita i i ta
Vop lit (11b)	Voprosy literatury [Problems of Literature]	psikh. (14c)	Zhurnal nevropatologii i psikhiatrii [Journal of Neuropsit ! ogy and Psychiatry]
Vop.onk. (14e)	Vopiosy onkologii [Problems of Oncology]	Zhur, prikl khim	Zhurnal prikladnoi khimii (Journal of Applied Chem- istry)
Vop. pit. (13c)	Voprosy pitantia (Problems of Nutrition)	(10c)	
V .	Voprosy preduprezhdenila prestupnosti [Problems of the spekt (131)		Zhurnal prikladnoi spektroskopli [Journal of Applied Spectroscopy]
Vop pred prest, (7)		,	
-	Vychislitel'nye metody i programmirovanie (Computation Methods and Programming). Issued by Vychislitel'nyi tsenir Moskovskoge universiteta (Computation Center of Moscow University)	Zhur, ush., aos. i gorl. bol. (14d)	Zhurnal ushnykh, nosovykh gorlovykh boleznej (Journal of Ear, Nose, and Thro insenses)
		Zhur, vych mat 1 mat, flz. (13e)	Zhurnal vychisliter noi matematiki i matema 1, 1, fiziki [Journal of Computer Mathematics and 1, 1, matical Physics]
Vych, slst. (13e)	Vychislitel'nye sistemy [Computer Systems]	Zhui, vya, nerv deint, (14c)	Zhurnal vysshei nervnoi delatel nosti [Journal on Higher Nervous Activity]
Vych.tekh. [MVTU] (13e)	Vychieliteľnają tekhniką (Computer Technology)	Zool. zhur. (13c)	Zoologicheskii zhurnal [Zoological Journal]
Vzryv.delo (16h)	Vzryvnoe delo [Blasting]		

## ACS SERUM see Antireticular cytotoxic serum

#### ACTH

Fflect of ACIH and reduced triphosphopyridine-nicleotide on the biosynth cars of androgens and cortrosteroids in the adrenal glands. Sao Li [Hatas Li] Problemok i gorn - 8 no 6 17-23 N-D 462

I ffect of advenocortical opic harmone of hypophysis on secretory stomach activity A. N. Barmadze, A. V. Asatlani Soob AN Graz. SSR 11 no 2:477-181 N 266

Fffect of i themselvia and from bowine admontpophyses on admonary theory open admonary open administrative system from Fischi tellia (oft B. I. N. Fodorov, L. N. Blok, V. N. Vastilichenko, Dokl. AN SSSR 167, no. 2461-463 Mt -66.

Some experimental and clinical data on effect of glucocorticolds and ACTH on organism. S. A. lAromenka and others. Vestsi AN B55R Ser bilat nav. no 180-86 666

#### A C T II -- PHYSIOLOGICAL REFERCT

Merphological changes in the mucous membrane of the small intestine following introduction of ACTH and h di ocon tisono. L. K. Leonova Biel, eksp biol, i med. 63 no 1:36-99 Ja | 67

#### ABBREVIATIONS

The relation of compley abbreviations of words to combinations of words with the same subject topics G.P. Hillanov. Nauch, dokl, vys. shkoly, filol, nauki 5. no. 1.467-196-62

#### ABDOMEN-SURGERY

Experience in the reconstruction of defects of the anterior abdominat wall by alloplasty A. [A Fishchenko, Khiam gita 38 no 1187-92 N 462,

Live results following hermotomy in ingunal herms by andominal-approximate plastic surgery of the ingunal cantl S. V. Gugutsider Khirurgia 38 no 11 100-103 N 162.

Plastic surgery on the anterior abdominal wall using prodon 1,8, Vanilenko, S.N. Mukhoedova khirurgita 36 no 1192-97 N 452

## ABELIAN GROUPS

Cyclic extensions of complete Abelian groups, P. M. Rudivek, V. S. Dohi otenko, Dop, AN URSR no 10,1239-1242 '66.

## ABKIIAZIA—BIOGRAPHY

Dzidzariia, G.A., and others. [Fighters for Soviet power in Abblinzia] Bortsy za Sovetskutu vlast' v Abkhazii. Sukhumi, Alashara, 1985. 202 p. (Mil) (NIC)

### ARKHAZIA-CHRYSANTHEMUMS-VARIETIES

New varieties of small-flowered chrysanthemums, V.S. IAbrova-Kolakovskaia, Trudy Sukh, bot, sada no.13-03-101 450.

### ABKHAZIA—FLOWERS

Selection of ornamental plants blooming in winter and spring for the health resort zone of Abkhazia, I.D. Medzmar (nehvilt, Trudy Sukh bot sada no. 13,109-123

# ABKHAZIA—FUNGI, PHYTOPATHOGENIC

Some data on fungus infections of large-flowered chrysantheniums under the conditions prevailing in Abkha-zia, K. T. Dzhalagentia Trudy Sukh, bot, sada no 13; 125-130 460.

## ABKHAZIA—GLADIOLUS—VARIETIES

New forms of gladioli, T. A. Chochua. Trudy Sukh. bot. sada no 13:105-107 '60

### ABKHAZIA-LANDSCAPE GARDENING

Flowers in the urban landscape gardening of the coastal zone of Abkhazia, T.N. Turchinskaia Trudy Sukh, bot sada no. 13.87-92 100.

## ABKBAZIA—LAUREL

Study of the morphological characteristics of Laurus nobilis. K.P. Ankvab. Trudy Sukh, bot sada no.13 131-136 | 160.

## ABKHAZIA-STONE AGE

New data on the Palcolithic of Abkhazia; theses of a report. N. Z. Berdzenishvili(Kiladze), I. A. Gzelishvili, Trudy Kom. chetv. per. 18 120-121 181,

#### ABKHAZIA-WOODY PLANTS-DISEASES AND PESTS

Prats of deciduous trees and shrubs in the coastal cone of Abbhazia and the measures for their control V N. Vashadze Irudy Sulh bot, sada no. 13 81-86 '60.

#### ABKHAZIAN NAMES see Names, Abkhazian

#### ABNORMALITIES (ANIMALS)

Abnormalities in carp and their causes K I. Tatarko. Zool zhui 15 no 12:1826-1834 (66

#### ABOMASUM-SECRETIONS

Effect of acidophilic yeast silage from corn and soybean on ahomasum secretion in calves and lambs. V.D. Mironova, M.F. Arkhangel'staia, Trudy Inst fiziol AN Kazakh SSR 10 109-202 *66

#### ABOMINABLE SNOWMAN soc Yeti

#### ABRASION

Plastic deformation of a metal surface due to scratching by abrasive grits. J. D. Polosatkin, I. A. Solomem Izv.vys.uchcb.zav , fiz. 9 no.6;160-162 466.

#### ABSCESS

Opening of the capsule of a gravity abacess along a guiding needle, O. IA. Sandovskii, Ortop., travm. i protez. 27 no. 12:63-61 D '66.

Permeability of Selye's abscess to some radioactive 150topus in acute radiation sickness, N.P. Ushkov Radiobiologna 2 no 1,533-538 182,

#### ABSENCE AND PRESUMPTION OF DEATH

The proof of absence and the presumption of death, K Bykova, Sots Zakon, no. 2 78-80 F 167

Adsorption of metal ions from H₂O. H₂O₂, and KOH on the surface of p-n germanium and silicon junctions. B,S,Setnikov, A,S, Belanovskii, A,D, Trakhtenberg. Radiokhimita no 6:617-621 66.

## ABSORPTION (PHYSIOLOGY)

Comparative evaluation of the secretory and absorbing functions of small intestine loops isolated by means of different methods. RU, V. Kononov. Firiol. 2 hul. 54 no 12:1403-1470 D %6.

## ABSORPTION OF LIGHT

Passage of light pulse through nonlinear absorbing medium. V. S. Zuev. V. A. Shcheglov. Zhur, priki, spekt. 5 no. 5:604-608 N '66.

Properties of bleaching filters, B.I. Stepanov, R.K. Lashitskata, Zhun.prikl.spekt, 5 no.5:595-603 N

Thormal conductivity and the degree of blackness of hat-nium lodide. D. L. Tinnot, V. D. Peletskit, V. IU. Vosk-iesenskit. Teplofiz. vys. temp. 4 no. 6.874-875 N-D

## ABSORPTION OF SOUND

Dispersion and absorption of sound in water and accione. E. V. Tiganov. Pist. v red. Zhur, eksper, i teoret, fiz. 4 no. 10:385-388 N '66.

Effect of excitons on absorption of ultresound in piezo-electric semiconductors A. E. Glauberman, M. A. Ruvinskii Fiz.iver.tch & no.11;3335-3338 N '66

### ABSORPTION SPECTRA

Absorption spectra of thiocyanates, 2-thiothiazanones, and 2,4-thiazanethiones. N. M. Turkevich. Ukr, khim. zhur. 32 no. il: ti85-ti89 466.

Coloration of fluorite crystals during growth. V.M. Reiterov, Z.N. Korneva. Opt. i spektr. 21 no. 5: 583-587 N 166.

Determining absorption spectra of individual cells of plant leaves. S. G. Gumisetskii, V. P. Rvachev. Zhur, prikl, spekt, 5 no. 5:674-680 N '66.

Effect of directed deformation on fundamental absorption edge of trigonal selenium single crystals. V. Krisciu-nas. M. Mikalkevicius. Fiz. tver. tela 8 no. 11:3429-3430 N '86.

Experimental determination of the dipole mament of the transition of  $\gamma$ - and  $\beta$ -systems of nitric oxide. E.T. Antropov. Trudy Fir. inst. 35·3·73 [66,

Infi at ed absorption spectra of the omium and iron or thotantalates F A, Rozhdestvonskii, F. I Krylov, Fiz tver, tela 8 no.11:3382-3383 N '66

Long-wave infrared absorption spectra of dicarboxylic acids. A E.Stanevich, Opt., spektr 21 no 5 645 647 N '65

Low-temperature anomaly in absorption spectra of HbMn  $\Gamma_3$  and KMn  $\Gamma_3$  antiferromagnets. A. F. Antonov. A. I. Beliacva. V. V. Eremenko. Fiz. tver. tela 8 no. 11;3397 3100 N '66. Studying phototropic transformations of methyl red under

intermittent light. A.K.Chibisov. Zhun.prikl spekt 5 no.5:635-641 N '66.

### ABSTRACT ART sec Art, Abstract

ACADEMIC DISSERTATIONS See Dissertations. Academic

ACADEMY OF SCIENCES OF THE ESTONIAN S.S. R Eesti NSV Teadusic Akadeemia. [The Academy of Sciences of the Estonian S.S.R., 1956-1964] Eesti NSV Teaduste Akadeemia aastati 1956-1964. Tallinn, 1965 307 p. [In Estonian]

## ACADEMY OF SCIENCES OF THE U.S S. R.

Preparation for a glorious anniversary. Prirodo no 1

## ACADEMY OF SCIENCES OF THE UKRAINIAN S, S R

Activity of scientific seminars of the Institute of Mechanles of the Academy of Sciences of the Ukrainian S S in the first half of 1966. O A, Goroshko, A, F. Ulitko, I. IU. Khoma. Priklimekh 2 no 12:129-132 166.

Miscellaneous information, Dop. AN URSR no. 10:1363

Miscellaneous information. Dop AN URSR no. 12:1621

New departments and laboratories | Dop IN HESE no. 7 971-975 162,

Shortcomings in organizing and conducting conferences, seminals, schools and sympoliums in the Academy of Sciences of Ukraiman S. S. R. Dop AN URSR. no. 12 1619-1620 '66

## ACADEMY OF SCIENCES OF WHITE RUSSIAN S. S R.

Polish scientists in White Russian Academy of Sciences. V F Chienikava Vestsi AN BSSR Ser, bilat nav no. 4 133-134 466.

Session of the Academy of Sciences of White Russian S.S.R. Vestsi AN BSSR, Ser. bital. nav. 10. 3:137-138 [66.

## ACANTHOLYDA—EXTERMINATION

Aerial spraying against Acantholyda stellata. N. Ganus, L Malyi Zashch, rast. 12 no 1,49 *67.

### ACCELERATION (PHYSIOLOGY)

Electrophysiological study of the activity of skin and motor analysors and the effect of acceleration, E.V Marukhanian and others. Zhur vys norv.detet. 12 no.6 1021-1028 N-D 462

# ACCENTS AND ACCENTUATION

Stress and tone in respect to phonology and phonetics, P. S. Kuznetsov Publ., Otd, struk, 1 prikl, lingv, MGU no, 1:81-115 '65

## ACCLIMATIZATION

Some problems of the acclimatization of Dutch cattle in White Russia. V. B. Iofe. Vestsi AN BSSR, Scr. seit-hasp.nav. no 4:05-101 '66.

### ACCOUNTING

(see also subdivision under Chita Province; Moscow) The new instructional materials. Bukhg, uchet no 12; 55-59 D '66.

55-59 D '66.

Mikitin, V.M., and V.V.Milov. [Analysis of managerial operations in trade] Analiz khozialstvennot delatel nosti v torgovic. Moskva, Ekonomika, 1986, 185 p.

On combining accounting and statistical reports. A. Torasov. Bukhg.uchet no 12:22-24 D '66.

Some problems of accounting. I.Basmanov. Bukhg. uchet no.12:16-22 D 168.

Vedernikov, S.S. [Course in accounting] Kurs bukigal-terskogo ucheta. 2., perer.tzd. Moskva, Statistika, 1967. 403 p.

ACCOUNTING-PERIODICALS see subdivision under Europe, Eastern

#### ACENAPHTHENE

Colorination method for determining accomplished content in parelysis products. D.A. Aliev, A.V. Ferimbickot E.IA. Panara. Nefteper in oftekhim no. 8 46-48. [66]

#### ACETALS

Chemistry of meetals Report No 18 Reaction of acctals with compounds containing labile hydrogen atom. S IUfit and others Iz NV SSSR Ser khim no 1:132-138 Ja *67

#### ACETIC ACED

Complex compounds of thallium (III) with hexamethylene-di minetetraneetic acid V I Korney, K, V Astal-hov, V I, Rybina Zhur, neorg, Phim 12 no 1152-155 la '67,

Combles formation of thallium (III) with N, N, N, N, N febra-acett, acid of 2, 2-diaminodicity) other V I, Kornev, E V Astakhov, V I R, bina Zhur neorg khim, 12 no. 144-151 Ja '67.

Effect of solium fluoroacetic acid on different brain structures in white rats. V A. Artiushlova, M.V. Firzon Vest Mosk un Sei 6 Biol , pochv. 21 no. 5 18-22 S-O 166

16-22 5-40 or the spectra and structure of compounds formed in the extraction of actic acid and UVI by trioctylamine solutions A A Lipovskii, M G Kuzina, Zhur, ncorg, Phim, 12 no 1 236-243 Ja '67

Study of paint coatings resistant to an acetic acid medium G A.Orlovskaia, V G Asatrian, A M Balaian Lakokras, mat rikh prim no 6 23-25 166.

S, nthesis and complex-forming properties of racemic 2.3-dihydroxy-1.4-diaminobutanetetracetic acid. N M Distloya and others Dokl AN SSSR 172 no 1:94-97 Ja 167

Thorium acetates A K Molodkin, O, M, Ivanova, G A Skotnikova, Zhur, neorg khim, 12 no i 116-125 Ja '67

Trilonometric determination of aluminum in solutions and on fabrics E V Shtutser, Nauch -issl trudy TSNILV 21:169-180 '66.

#### ACETOACETIC ACID-SPECTRA

Study of acid immodiacetites of some metals, N. M. Prutkova and others. Zhur neorg, khim. 12 no 1126-132 Ia '67.

Calculation of ultraviolet and visible spectra of copper

Calculation of unraviolet and visible spectra of copper neetly lectomate. V.I. Avdeev. I. L. Zakhar io. Teoret. i eksper.khim 2 no 5,609-815 S-O '66, Composition of surface layer in the system n-hexane -acetone, A I Rusano., S.A. Levichev, V IA Tuushin. Vest LGU 21 no 22 121-127 '66,

Dispersion and absorption of sound in water and acetone E, V Tiganoz, Pis', v red Zhui, eksper, i teoret, fiz. 4 no 10 385-388 N '66

Electroreduction of acetone on cathodes of lead-tin alloys. A.P. Tomilov, B. L. Klinev, Elektrokhimifa 2 no. 12-1405-1413 D '66.

Ternary complexes of rare earth elements with thenyl triffuoroacetone and some organic bases, E V Meientleva, L L Kononenko, N. S. Polueltov Ukr, khim.

There 32 no. ii 147-153 '66.
Use of acetone in simultaneous extraction of vegetable oils, V V. Beloborodov, E. F. Bukhtareva Masl.-zhir prom 32 no 10 20-21 O '66

### ACETOPHENONE

Some features of the biomination of 4-hydroxy-3, 5-di-tert-butylacetophenone. A. A. Volodkin, V. V. Ershov, N. V. Portnykh. Izv. AN SSSR, Ser, khim. no. 1:215-216

Using industrial catalysts in hydrogenation of acetophenone. D. V. Mushenko and others. Nefteper, i neftekhim. no 8 35-38 '66.

Condensation of acetylene with phenol in the presence of the KU-2 cation exchange resin V.L. Vaiser, V.D. Riabov, B.M. Piriatinskii Zhur prikl, khim 34 no. 6 1380-1381 Je '61.

Effect of separate factors on the process of acetylene dimerization, S. Kantardzhian, A. Sukiasian, Prom. Arm. 9 no.11:52-54 '66.

Pharmacological study of triol preparation of acetylene series -1, 2, 5-trimethyl-4-(3, 4-damethyl-peptin-1-diol-3, 4)-4-paperide! K. Kh. Kheidarov, O. V. Mordvintseva, M. B. Ismatlova, Izv. Old biol nauk AN Tadzh SSR no. 3.81-85 166.

## ACETYLENE-ELECTRIC PROPERTIES

Nuclear magnetic resonance and electric properties of polyacetylene, V.I. Shepelev and others. Elektrokhi-mita 2 no.12;1458-1470 D '86,

### ACETYLENE COMPOUNDS

Catalytic hydrogenation of acetylenic v -glycois and their derivatives. Report No. it Hydrogenation of  $\beta$ -cyanocthyl ethers. P. S. Bataev and others. Izv. AN SSSR, Ser, khim. no. 12:2176-2179 '66.

Studying certain acetylene compounds as acid corrosion inhibitors. N.I. Podobaev. A. G. Voskresenskii. G. F. Semikolenov. Zashch met. 3 no. 1:112-115 Ja-F '67.

Vinyl ethers, derivatives of acetylenic glycols (vinyloxy-alkoxyalkynols), M.F. Shostakovskii and others. Dokl. AN SSSR 171 no. 6:1355-1357 D '66.

#### ACETYLIDES

Interaction between sodium acutylene and Grigmard rea-gent. M. F. Shostalovskii and others. Dorl AN SSSR 167 no. 2 365-368 Mt. **186

#### ACID-BASE EQUILIBRIUM

Disorders of external respiration and acid base equilibuium before and following intrathoracic operations.

E Grants. Grud.khir 9 no 1,49-55 Ja-F 487 E Grants, Grud. khir 9 no 1,19-55 Ja-F

Effect of acidity on the interaction of lone in aqueous solutions. V. A. Latysheva. Probl. sovr. khim, koord. socd. no. 1;157-182 '66.

#### ACIDS

Effect of concentration and nature of acid on the force of oxidizers in the systems H₂IO₆ / IO₅ and H₃AsO₃ / HAsO₂ N.S. Astakhina, V.C. Gurevich Izv.vys. uchcb.zav, him., 1 blim. tekh. 9 no 5 721 - 728 166.

Extraction of compley acids with oxygen-containing solvents Part 7; Extraction of polonium, bismuth, and lead with alcohols. A, S, IUshehenko, B, Z, Iofa. Radio-Phimiia no. 6:621-626 '66

Keto and aldehyde acids in Chlorella, V.R. Shatilov and others Dorl AN SSSR 172 no 3'731-732 Ja '67.

Rapid chronoconductometric method of determining acids, T.A. Khidiakova, A.P. Freshkov, Izv. vys. ucheb zav, khim. 1 khim tekh, 9 no. 5 713-716 '66.

#### ACIDS, FATTY

Alkyd resins modified by the unsaturated fraction of soap-stock fatty acids, M.D. Bodnis, M.A.Osovetskit, G.M. Baranovskaia. Lakokiss, mat, i ikh prim. no. 6 15-19 166

Determination of borse held in the presence of watersoluble fatty acids, E N. Martynovi Trudy NIISZHIMSa no 2 79-83 161

Effect of the addition of unappointable matter to paraffin on the output and composition of fatty acids. A I IPina, M A. Marchenko. Mast -zhii prom 12 no 11 20-22 N '66.

Evaporation of synthetic fatty acids in a rotor-type film evaporator A. N. Marchenko, V. M. Bespiatov, A. B. Tuttunnikov Masi, -zhir, prom. 32 no 11,38-41 N. 168.

Faity acid composition of the oil of various Indian mustard varieties. N.F. Dublianskaia, L. V. Suprunova, Masl-rhit prom. 33 no. 1 13-15 Ja 167.

Gas chromatography of the macromolecular fatty acids of fat deposits in ruminants and swine. A. Vest, sel'khoz, nauki 11 no. 11:101-103 '66. A. I. Kornilov.

C-Phenytperfluoroolefins and S-phenylperfluoroalkanote acids. I. L. Knuntants, V. V. Shokina 17v. AN 558R, Sei., khim no. 1•71-78 Ja 167

Photocolorimetric determination of copper and iron in synthetic fatty acids V K Chebotarev, F.M. Kozlova, I.A. Kozlov Masl. -7hit, prom 37 no 1 38-39 Ja 487.

Structure and properties of dispersions of sodium soaps of saturated carboxylic acids in hydrocurbon offs. V. Sinitsyn, E V Aleeva, IU. L. Ishchuk Dokt. AN SSSR 167 no. 2.395-398 Mt 166.

Study of ion exchange on crystals of fatty acids and their Mg and Ca saits O. N. Grigorov, N. G. Sharova, Vest, LGU 21 no. 22 136-140 '66'

Third All-Union Conference on Synthetic Fat Substitutes, Surface Active Agents, and Synthetic Detergents, Masl.-zhir, prom. 32 no.101-5 O 166,

Volatile fatty acids of butter fat. V. P. Ar istova, A. A. Karysheva, Dokl. TSKHA no 45:113-116 '59.

# ACIDS, ORGANIC

Chemical changes in di-and tricarboxylic acids in the process of preserving some succulent plants. P A Hniedkov, Farmatsev zhur, 18 no. 3.52-55 163,

Determination of volatile organic acids in hydrolyzates of grain hulls and capsules M.S. Dudkin, N.G. Shkantova. Zhur, prikl khim 34 no 6 1337-1342 Je 161

Effect of diluents on the extraction of rare earth elements by carbo ylic acids. I. N. Plakam, V. S. Strizhko, IU. S. Fedotov. Dokl. AN SSSR 171 no. 6,1348-1351 D ¹66.

Electric conductivity of the systems of nitrobenzene with carboxylic acids. R. M. Kulikova, T. F. Kniaz'kova, Trudy TGU 165,93-98 '65

Extraction of uranium, thorium, and accompanying ele-ments by monocarbovylic acids. E. N. Mot kin, M. D. Ivanovskii, V. F. Borbat. Radiokhimita no. 6:705-

707 '65. Long-wave infrared absorption spectra of dicarhovylic acids A. E. Stanevich. Opt. 1 spektr. 21 no. 5-645-647 N '66.

Some features of infrared absorption spectra of vanadyl Some features of infrared absorption spectra of vanadyl alkanoates with anomalous magnetic properties. V. T. Kalinnikov, V.V. Zelentsov, M.N. Volkov, Izv. vys. ucheb. zav; klim, i klim, tekh, no. 5:726-734 '08. Stability of scandium complexes with acetate, lactate, and maleate ions. V. A. Kaleova, V. N. Kumok, V. V. Serebronnikov. Trudy TQU 185:141-145 '85.

# ACONITINE—PHYSIOLOGICAL EFFECT

Pulmonary edema in white rats and rabbits following introduction of aconitine into the hypothalarmus. IA, A, Lazaris and others. Biul.eksp.biol.i med. 63 no.l:

ACOUSTICAL MATERIALS see subdivision under Armenta

#### ACQUISITIONS (LIBRARIES)

[New foleign books, catalog of new accessions] Nov. in str knigt, kat. nov. postup. nos. 10, 12 '66, no. 1 '67

Publishing houses and libraries, V. Nochney, Idhilletti 2' 41 no 2'l-11 1' '6'

Where are the limits of our growth? IU, Stelling, Bibliotekar! 14 no, 2-41-15 F 167

Relationship between not idines and DNA. (c. V. Garally Biofizika II no 5.737-746 466

#### ACRIDINE---TOXICOLOGY

Possible causes of a decrease in the toxicity of annial of derivatives (actiquize) amino actiquize by hearing 13, combination with roale fern own act. M. N. 1414445 at Med. pu actiquize books 35, no. 5772-717, N-15 and

#### ACROBATS

Correlations in inovement adjustment and its effect on technique of some accobatic jumps, K.P. Shobilet Peor i prak, tiz, kult 29 no. 12:32-45 1) 166.

Equilibrium liquid - vapor in the system water - serve | at 200 mm Hg prossure | R P. Kirsanova, S. Sir Hyk Zhar, prikl khim | 31 no 6 1373-1376 Je 91

#### ACROLEIN-SPECTRA

Experimental analyses of the effect of alkyl substituents on the position of K- and R-absorption bands of a colorio derivatives. A. F. Meskvin, O. P. Inblogskii, L. I. Bondar !. Tearet i chapar. bhim. 2 no. 5,035-610 S-O '60.

#### ACRYLAMIDE.

T. R. Khasanov, Sh. M. Rakhimbuw. Neft. khor. 11 no. 10:31-33 O '16

#### ACRYLIC ACID

Analyzing the copolymers of vinyl acctate with esters of herylic at id. P. M. Peri plutchikova and othera, I mak a

Election paramagnetic renonance method of studying the kinetica of acrylic oligorater at advanced stayer of polymerization. B. R. Smirney, G. V. Korolav, A. A. Berlin, Kin i kat. 7 no 8:980-991 N-D [68].

Sedimentation of polyacrytic acid in salt solution, V. S. TSvetkov and other a. Vent, LGU 21, no. 22:62 hill the

## ACRYLONITRILE POLYMERS

Electron inference emalysis of the kinetics of form of and growth of globules in heterophone polymerically of acylonitelle. 17, 5, Roddin, G. B. Karpenko, El. H. Maowalia, Ev. vys. ucheb. zav; khim. i khim. i vb. 0, no. 5,619-822, 466.

### ACTINIDE COMPOUNDS

N-raydiffi action examination of a-UMo₂O_B and a-ti M₂O₂O₃ N.K. Ti unovo. O A En omova, I., M.Kovha, Radio-Rhimita no. 6,717-718 '66.

## ACTINIDE ELEMENTS

Extraction of mantino, thorium, and accompanying ele-ments by monocon boxylic acids. C. N. Merida. M.D. Ivanoyakii, V. F. Borlint. Radiokhimita. no.6(70)-70/

## ACTINIUM ISOTOPUS-SPECTRA

Measuring the energies of fundamental α-groups in 225Ac. H. S. Dzhetepov and others. Lzv, AM Sesti, ber fiz. β1 no.1;151-153 Ja '67

### ACTINOMETER

Effect of circumsolar radiation on comparability of readings of actinometers with different angles of opening. L. M. Skuratovskais, IV. D. IAnishovskii, Ir. 2. GGO no. 104:123-125 100.

Improvement of method of checking actinometric in the ments under laboratory conditions. V. A. Klevantes, a Frudy GGO no. 199-195-198-106.

### ACTINOMETRY

Correlation relationships between values of long-wave balance of atmosphere and outgoing radiation, K 1A, Kondrattey, L. N. Diachenko Trudy GGO no. 184444

Dependence of integral function of atmospheric transfer on black radiation temperature, B.Sh.Beritashelit, A.M.Brounshtein, K.V.Kazakova, Trudy G(R) 101 1-1 22-30 166.

Improved method for the computation of total radiativa M. S. Averkiev, Vest, Mosk, un. Ser. 5: Guog. 15 t + 1 40-47 Ja-F 16t,

Measurement of photosynthetically active radiation, 1, A Shatunov, IU, D, IAnishovskii, Trudy GGO no, 184,124-194 166.

Ultraviolet radiation at various heights in cloudless aerosol atmosphere. V. A. Belinskii, B. A. Semenchetkii Trudy GGO no. 184 3-21 466.

## ACTINOMETRY—OBSERVATIONS

[Actinometric monthly] Aktinometr eghem. Nov. (Pt. 1) 1965, publ. '67,

## ACTINOMYCES

(see also subdivision under Karelia, Ukraine)

Study of the formation by Actinomyces of biologically active substances with a protective effect in lesions caused by radiomimetic compounds N.V. Klitsunova Antibiotiki 12 no 1 22-26 Ja 167

#### ACTINOMYCES-CULTURES AND CULTURE MEDIA

Biosynthesis of porphyrins in developmental dynamics of Actinomyces olivaceus, producer of vitamin B₁₂, V. N. Shaposhnikov, I. V. Konova, R. K. Rybakova, Dokl. AN SSSR 171 no. 6 1439-1442 D '66.

Fifect of phage on variability of Micromonospora volganis, N.S. Agro, A.S. Troitskii, R.A. Radzhapov, Yest, Mosh, un. Ser. 6: Biol., pochy, 21 no 5 39-44 S-O 66.

Nature of pigment antibiotics of some new species of wick Actinomyces G. Z. IAkubov and others. Mikrobiologija 35 no 6:1053-1050 N-D '66

#### ACTIVATED CARBON see Carbon, Activated

#### ACTIVATION ENERGY

Activation energy of temperature background of internal friction. B. J.A. Piner, A. A. Karamzin, Fig. met. i metalloved, 22 no 4:632-635 O 66.

Contribution of a ystalline field effect to oxygen energy bonding in oxides with spinel structure. N.N. Bulgakov IV. A. Borisov. Kin.i kat. 7 no.6:1007-1014 N-D '66.

Kinetics of hydrolytic decomposition of fer ricinium cation. A. A. Pendin. M. S. Zakharevskii. P. K. Leont'avskoia. Kin. i Fat. 7 no. 6;1074-1077 N-D '66.

Role of thermal peaks in radiation-induced decomposition of salts by heavy charged particles. A.N. Oblivantsev and others. Kin-i kat. 7 no.6:1015-1019 N-D 166.

Shift of the catalyst potential as a function of reaction ate in liquid phase hydrogenation. Part 2. Stationary electrochemical potential of a catalyst and optimum condi-tions for the process. V. A. Druz' Kin. 1 kat 7 no. 6; 1089-1091 N-D '66.

#### ACTIVITY COEFFICIENTS

Activity characteristics and their theoretical determina-tion in binary from alloys, E.S. Filippov, S.I. Filippov IV. vys. ucheb. 2av., chem. met 10 no 1 9-15 '67.

ACTIVITY PROGRAMS IN EDUCATION (see also subdivision under Belgorod; Esionia) In our study rooms. F. Komarnitskii, Nav. obr. no. i 74-76 Ja '67.

#### ACTOMYOSINS

Heintionship between entions and ATP and myesin and actomyosin monolayers M. M. Zaalishvili, A. R. Egiszurova, Biofizika II no.5;785-790 ¹⁶⁶.

### ACTORS

[My role] Moja rol'; sbornik statoi, Moskva, Iskussivo, No. 4, 1986, 50 p. (Repertuar khudozhestvennoi samodelatol'nosti, no. 8)

Shehepkin in Moscow, f. Zhur. V mire knig 6 no. 6:30 Je '60.

## ACYLATION

Acylotion of 2, 6-di-tert-butylphenol. N. V. Portnykh, A. A. Volod'kin. V. V. Ershov. 12v. AN SSSR, Ser, khim, no. 12-2243-2244 460.

## ADAPTATION (BIOLOGY)

Adaptive response of reach population to changing inditat conditions. A. G. Poddubnyt. Trudy last, hiel, what, vod. no. 10-131-138 '66,

Data for studying regulation in endocrine systems. V. M. Dil'man. III. V. Orfeov. Fiziol zhun. 52 m.12.1481-1465 D '66.

Ecological and physiological adaptations of blood in Cyclosiomata, P. A. Korzhaov, T. N. Glazova, Dokl. AN SSSR 172 no.1:236-238 Ja '67.

fiffect of hydrogen suifide boths on blood circulation and the processes of functional adoptation in dogs with ex-perimental atherosclerosis. N. R. Chepikova. Vop-kui. fizioter i loch fiz. kul⁴t. 31 no. 8:197-504 ¹86.

Lang volumes in temporary residents of high altitude areas. K.IU. Aktimedov. Biul. eksp. biol. i med. 63 no. 1:18-21 Ju. 107.

Resistance to the cold and heat in animals receiving dipazol or subjected to muscular training and acclima-tization. V. IA. Rusin. Fiziol, zhur. 49 no. 3:359-365

# ADDITION REACTIONS

Mechanism of 1, 3-dipolar cycloaddition of nitrone esters V. A. Tariakovskii, A. A. Onishchenko, S. S. Novikov. Izv. AN SSSR, Ser, khim. no. hi77-179 Jn 107.

Structural and steric directivity of reactions of nucleo-philic addition of thicle to vinylacetylene. V. N. Petrov, G. M. Andrianova, E. N. Prilezhaeva, Izv. AN SSSR. Ser. khim, no. 12:2180-2188 '66,

Studying the mechanism of the protective action of mulic acid additions on titanium in sulfuric soid solutions. V. V. Andreeva. E. A. IAkovleva Zashch. met. 3 no 1 55-61 Ja-F '67

#### ADENOSINE TRIPHOSPHATES

Activating effect of ATPh on O2 absorption process by chloroplasts in light, R, M Bekina and others, Doki. AN SSSR 167 no 2 414-447 Mr 166

Effect of temperature of respustion and adenosine triphosphate level during blistulation of loach eggs A Zotin, N. D Ozerniuk Doki, AN SSSR 171 no. 1 1002-1004 D 166

Relationship between cations and ATP and myosin and actomyosin monolayers M. M. Zaalishvill. A. R. I glazarova Biofizika 11 no 5/785-790 '66

#### **ADENOSINETRIPHOSPHATASE**

Effect of lonizing radiation on the adenosinetriphosphatase activity of crystalline myosin G.V Chitorclidge Soob, AN Gruz SSR 27 no. 2,157-164 Ag 461

#### ADENOSINETRIPHOSPHALASE IN THE BODY

Comparison of adenosine tripliosphatase activity of crythlocytes, their stroms and blood plasma with changes in osmotic resistance of erythrocytes in rate transd to hypoxia. Z. I. Barbashovi, G. I. Grigor'eva I friolekur 52 no 11/1346-1352 N '66.

#### ADENOVIRUS INFECTIONS

Some materials on the epidemiology of adenovirus diseases A. P. Il'nitskii, Zhur, mikrobiol., epid, i immun, 41 no 1:122-126 Ja '67,

#### ADENYLIC ACIDS

Dispersion of optical rotation of polyriboadenylic acid-A, I Gerin, O, I, Khlebalina, N, V, Bogolavlenskala Biofizika il no.5;903-905 '56

#### ADHESION

Investigating effect of interaction forces on sticking of diffling atting. N. M. Shei strev. A. A. Grigorian. Neft. khoz. 44 no.10;20-21 O '56.

Method to control activity of bitumens and their components, V. N. Finashin, Nefteper, i neftekhim, no. 10-16-17-166,

#### ADHESIVES

Choosing synthetic glues for fastening decorative and finishing plastics -V/M, Kinutev. Strot. mat -7/m0, H  $_2$ 8-30 N  $_2$ 161.

Precompressing glued seams of reinforced concrete spans IU L. Mcl'nikov, L. V. Zakharov. Transp. strot. 16 no. 3.14-16 Mt '66.

Study of the gluing capacities of compositions obtained by blending polyamide and phenol-formaldehyde icains, M.P. Kotov and others, [zv. vys. ucheb. zav., tekh. leg. prom. no. 6:45-52 '66.

ADMINISTRATION OF CRIMINAL JUSTICE see Criminal justice, Administration of

## ADMINISTRATIVE LAW

Akademila nauk SSSR, Institut gosudarstva i prava, Legal problems in the theory of administration Prayovye problen 1060, 223 p. roblomy nauki upravlenija. Moskva, IUrid, lit-1 a,

Loningradskii gosudarstvermyi universitet. [Soviet admin-istrative law (special part)] Sovetskoe administrativnoe pravoe (osobennaia chast!). [Loningrad] Izd-vo Leningr univ., 1966. 319 p.

ADMINISTRATIVE SANCTIONS see Sanctions, Administrative

Levin, V.M. [Materials for the control and evaluation of the physical state of adolescents] Materialy dlia kon-trolial otsenki fizicheskogo sostolanila podrostkov. [Loningrad] Meditsina, 1966. 136 p. (DNLM)

## ADRENAL CORTEX

Correlation of the effectiveness of electroconvulsive therapy and the reactivity of the adrenal cortex Timofeeva. (Trudy) GIDUV no. 4.272-277 162.

## ADRENAL CORTEX-DISEASES

Changes in the adrenal cortex in burn disease L L Muzykant, Arkh, pat, 28 no. 12:22-26 | 66.

Congenital virilizing hyperplasia of the adrenal cortex. L. L. Liberman, A. M. Raskin. Probl endox. i gorm 8 no. 6:88-97 N-D '62.

## ADRENAL GLANDS

Changes of the functional state of the adrenat glands under conditions of artificial hypothermia. Z. IA Dolgova, V. A Glumova, E. V. Astrozhnikova. Arkh. pat 28 no. 12:26-30 166.

Effect of testosterone propionate and methylandrostanediol on the secretory capacity of the adrenal glands in rats. T.S. Sakhatskaia. Frobl endok, i gorm 8 no 6 12-17 N-D 162.

Functional state of the adrenal glands in nephropathies in children during the dynamic progress of the disease. E. M. Okuloya. Sov. med. 29 no. 11 81-85 N '66.

Histochemical study of adjensing not adrenalin and ascorbic acid in adrenal glands of cats following insulfa community V 1Aglov, Aikh anit, gist i cmbr 51 no 10 122-125 O 166

Hypoplasia of the hypophyseal-adrenal system in newborn animals as the cause of low resistance to morphine
L.V. Markova Probl endok, 1 gorm 8 no 6 3-8 N-D

## ADRENAL GLANDS—SURGERY

Insufficiency of the endocrine function of the adrenal minimizency of the endocrine function of the alternal contex as the cause of low resistance in newborn and adienal ectomized adult rats to reserging. I, V, Markova, Probl endok (gorin 8 no. 68-12 N-D 162.

Recurrences of lisenko-('ushing's diseas, following subtotal adienal ectomy A, P, Kalinin Sov. med, 30 no 1131-138 Jz 167

#### ADRENALINE

Adrenalin and acctylcholine participation in regulation of milk secretion in goats B N Abbasov, Z M Allakbarova, Trudy Inst fiziol AN Kazakh SSR 10 162-166

Incompatibility of adrenaline and protargol in solutions. V IA, Horodyne'ka, K I Rubchyne'ka Farmatsev zhu'ls no 3,55-56 '63,

Noradrenalin and admenalin of stomach wall and gastric hite in dogs E K, Kazarova, N, A, Psaian Biol zhur Arm 16 no 12:58-64 D 66

Some data on catechol amines and their oxidations in ladiation sickness B. B. Moloz, S. P. Grozdov, E Petrovnina, Radiobiologija 2 no 4 513-547 162,

#### ADRENALINE-PHYSIOLOGICAL EFFECT

Effect of adrenaline and noradrenaline on the electric properties of smooth muscles M IU. Klevents' zhur, (Ukr.) 12 no. 6 763-768 N-D '66.

Effect of the sympathetic nervous system and adrenatine on the potentials of the dorsal surface of the spinal cord MA, Bigramova Fiziol, thur 52 no 11-1304-1310 N 166

#### ADRENOCORTICAL HORMONES

Effect of glycocorticoids and mineralocorticoids on the extent of experimental myocardial infarct. Roport No. 2. 1, IA. Usvatova, Kardiologiia 3 no. 1:16-20 Jan. - F ¹63.

Participation of hormones of adrenal medullary substance in response teaction of the central nervous system in experimental galvanization of the central center, Report No.1 A.A.Samokhima. Vop.kur. fizioter.i lach fiz.kult 31 m.65539-542 '66

#### ADSORPTION

Adsorption by solids from nonlideal solutions. A.V. Kiseley, I.V.Shikalova, Dokl. AN SSSR 171 no. 6:1361-1364 D '66

Adsorption of anions on platinum at anodic potentials, V.D. Kazarinov. Electrokhimiia 2 no. 12:1389-1394 D '66,

Adsorption of indium, cobair, and zinc ions from acetone on the surface of graphite, germantum, silicon, and quantz. V.S. Schnikov, M. I Kuznetsova Radiokhimia no 6-601-692 '66.

Adsorption of organic substances at the mercupy - that it-um nit ate solution interface. M. M. Andrusov, N. Kh. Alupeva, B. B. Damuskin, Elektrochimita 2 no. 12: 1480-1482 D '66.

Adsorption of some allphatic alcohols on liquid gallium. N. B. Grigor'ev, I. A. Bagotskaia, Elektrokhimtia 2 no. 12-1419-1452 D '66,

Appearance of luminescence during adsorption of vapors and gases on solids. IU N Rufov, A A, Kadushin, S Roginskii Doki, AN SSSR 171 no. 4:005-906 D 106.

Charging of the surface of some oxide catalysts in adsorption of propylene-oxygen mixtures. L.E. Derliukova. A.V. Krylova. Kin.1 ket. 7 no.6:1645-1051 N-D '66

Electrochemical study of hydrogen adsorption by ruther nium in aqueous-organic media. G. P. Khomchenko. R. B. Taran. Vest. Mosk. un. Ser. 2; Khim. 21 no. 6;33-37 N-D 68

Ejectron paramagnetic resonance spectrum appearing in oxygen adsorption on ruttle. V. M. Mastikhin. Kin.i hat. 7 no.61105 N-D '66.

Influence of vapors of conditioning agents on the porous structure and adsorptive properties of allica gel surfaces [with summary in English]. Z. Z. Vysotskii, L. F. Diwich, M. V. Poliakov, Koll. zhur. 23 no. 3;248-254 My-Je '81.

Magnetic resonance of protons of water and n-hydrocar-bons adsorbed by stitcate sorbents of different porous structure. B. I. Tul'bovich and others. 12v. vys. ucheb. zav. khim. i khim. tekh. 9 no. 5:735-737 '66.

Phase transition of the localization delocalization type in the adsorption layer. B. P Bering, S Z. Muminov, V. V. Sepinskii. Boki, AN SSSR 172 no. 3.625-628 3a 151.

Radiation-catalytic transformation of methanol in the adsorption layer on silica gol samples varying in specific surface area, V.I.Vladimirova and others, Dokl, AN SSSR 172 no. 3 620-632 Ja 167,

Regularities of chemisorption of carbon monoxide on promoted iron catalysts. Part. 1 F. V. Korenevskaia. A. IA. Rozovskii. Kin.i kat. 7 no.8;1100-1104 N-D '86.

#### ADSORPTION (Continued)

- Separation of ethane-oth-lene mixtures into ethane and ethologo by the continuous a boulding method. She is Grigorian E.C. Alies. Al M. Fulic. She fruid 19 MI MF n. 3 357 378 456
- Sorphon of cations on silica gals in acid region | 1 F Kirlehenko, III P Flimento a, Z 7 Vysotskii | UPr. Phin, phin | 32 no II 1177-1179 | 166
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- Testing an experimental countercurrent adsorber for the decolor reation of sugar solutions. IN O Kravets and others. Sakh prom. 11 no. 122-26 Ja 167

#### ADSORPTION-THERMODYNAMICS

Statistical thermodynamics of adsorption equilibrium for zeoffices. W A Bakacy, Dukl AN SSSR 167 no. 2 369-372 Mr *66

# ADULT EDUCATION sec subdivision under Astrakhan

#### ADVERTISING-BOOKS

- The first all-linen study group enadvertising and popular 1 atom of books. I branking First took 17 no 11 20-21 f. '66
- Teans of printed propaganda I Obunev Knizh, torg. 17 no H 18-15 N 66

#### ADVERTISING-EXHIBITIONS

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#### ADZHARISTAN-MINERALOGY

Lead, zinc, and copper in minerals of intrusive rocks of Adzharistan F. V. Ivanitskii, N. D. Gt an amadze, T. D. Mchedlushvili Soob AN Gruz. SSR 44 no 2:365-372

## AERIAL HOMBING see Bombing, Aerial

#### AERIAL PHOTOGRAMMETRY

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- Reducing the linear accelerations of an arrelati with a gyrovertical control unit, V IU Torochkov 12v vys uchen, zav "geud raerof no 6129-131 162 Izv vys.
- Using an undistorted model whose serial-photograph g an distinction mode, minute and not greater than it L Ivlev Izv vys ucheb zav, good t aerof. no. 6 95-101 '62

#### AERIAL PHOTOGRAMMETRY-EQUIPMENT AND SUPPLIES

Characteristic causes for spoilage of acrual photographic surveying material. F. Ivanov. Grazhd, av. 12 no. 10: 29-30 O '55.

# AERIAL PHOTOGRAPHY see Photography, Aerial

## AERIAL PHOTOGRAPHY IN AGRICULTURE

- Development of aerial methods in soil mapping in the U.S.S.R. V.L. Andronikov Pochvovedenie no 1:9-19 Ja '67.
- Significance of aerial photographic surveying in agriculture O V Kaloshina, N.I. Sokolova, Doki TSKHA no. 44 139-143 159
- Use of aerial photographic materials and stereoscopic equipment in designing drainage systems. A M. Martynov, G A Shupletsov Gidr amel. 19 no. 1 81-87

## AERIAL PHOTOGRAPHY IN GEOLOGY see subdivision under Ili Valley

## A ERODYNA MICS

On the theory of "fugoidal" motions, IU. M. Svirezhev. Prikl mat, 1 mekh 30 no 6 1107-1111 N-D '66,

## AERODYNAMICS, SUPERSONIC

- Device for studying the airflow around bodies in supersonic speeds of flight. B. Broude. Grazhd, av. 12 no. 10.27-28 O '55.
- Direct problem involving a plane symmetrical flow past a smoothly profiled convex atrfoil with a detached shock wave. E.G.Shifrin. Dokl. AN SSSR 172 no. 3:550-553 Ja '87.
- Impact of a supersonic jet against a surface. A.IA. Sagomonian. Vest. Mosk. un. Ser. 1; Mat., mekh 21 no. 6;88-103 N-D 165.

- Stability of a wedge-shaped plate in a supersonic flow. A 4 femaloy. Vest Mosk un Sei 1 Mat , nickli 23 no 1103-110 Janf 167.
- Supersome flow past bodies of revolution with annular grooves. M. G. Morozov, IU. V. Baryshev. Vest. M. un. Ser. 1. Mat., mekh. 21. no. 6;108-113. N-D. 166 Vest, Mosk
- Three-dimensional flow past blunt-nosed cones. A I Shycts. Vest Mosk under it Mat , mokh 21 no 6. 85-89 N-D 66

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[Air transportation] Ref. zhur. Vozd, transp. no. 2 F

#### ACRONAUTICS-FLIGHTS

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#### AERONAUTICS-LAW AND LEGISLATION

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## A ERONA UTICS-PSYCHOLOGY

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#### AERONAUTICS-STUDY AND TEACHING see subdivision under Riga

#### AERONAUTICS, COMMERCIAL

- Airways of the 20th century. B. Kuminov. S. Kosobicev. Grazhd.av 19 no 2,2-1 F '62, Brief news Grazhd av. 19 no.2,9 F '62
- Diary of civil aviation, G1 azhd, av. 12 no. 10-34 O 155.
- News of foreign aviation. Grazhd, av. 12 no. 10:39
- Workers of the aircraft industry discuss their tasks. Part, zhizn' no. 2:63-64 Ja '67.

#### AERONAUTICS, COMMERCIAL-FINANCE

Planning and calculating profits in airlines of Union significance, M. Suleimanov, Grazhd, av. 12 no. 10. 31 O '55.

# AERONAUTICS, COMMERCIAL-HANDBOOKS, MANUALS,

[Handbook of the pilot and navigator of civil aviation] Spravochnik pilota i shturmana grazhdanskol aviatsii, Moskva, Transport, 1967, 367 p.

# AERONAUTICS, COMMERCIAL-PASSENGER TRAFFIC Against indifference to the needs of passengers, V.Pere-verzev, V. Mosolov, Grazhd. av. 12 no. 10:1-3 O '55,

- At the platform turntable V.Shipov. Grazhd.av. 19 no 2:10-12 F '62.
- AERONAUTICS, COMMERCIAL—STUDY AND TEACIJING (see also subdivision under Chardzhou, Chernovisy)
- Organize training of allied professions. V. Ust'inntsev, Grazhd, av., 12 no. 10:17 O '55.

#### AERONAUTICS, COMMERCIAL-TECHNOLOGICAL INNOVATIONS

How to speed up technological moder nization. N. T. Mashovets. Grazhd.av 19 no.2;12 F '62.

# AERONAUTICS IN AGRICULTURE

(see also subdivision under Tajikisian)

Give us a new charger M. Kuznetsov, A. Leppik Grazhd. av. 19 no 2:7 F '62.

# AERONAUTICS IN METEOROLOGY

- (see also subdivision under Gazli region, Uzbekistan;
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  Determining vertical pulsations of wind velocity based on accelerographic recordings of gravity center transfers of Ka-18 helicopter. M. A German Trudy GGO no. 189:64-73 '66.
- Structure of thermals according to observations by glider pilots. K. I. Shashkov. Trudy GGO no. 109.51-63 166.
- Study of atmospheric turbulence using gliders, P.A. Vorontsov, M.A German, Frudy GGO no. 189-24-37 '66
- 37 '66
  Studying atmospheric layer on water surface using aerostat and helicopter. IU. S. Dovgalluk. Trudy GGO no. 180 87-93 '66
  Studying fermals using gliders. P. A. Vorontsov. Trudy GGO no. 189:38-53 '66.
  Thermosounding dovice for studying lower 500-meter layer of atmosphere. I. A. Fornichev. IU. A. Kurpakov. V. F. Psalomshchikov. Trudy GGO no. 189:94-100 '66.

## AEROSOL THERAPY

Effect of negatively charged serosols on bronchial per-meability in heart defects according to pneumotocho-metric data. V. M. Leonova. Vop kur., fizioter.i lech fiz.kul*. 31 no.6;542-545 '66.

## AEROSOLS

- Precipitation of industrial acrosols by sound waves and prospects for its use, Kh.A. Grigorian Sbor. trud. Az NII NP no. 3,379-398 158.
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#### A EROSOLS-MEASUREMENT

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The eyes and laws or heavity, I. Kotova, Ithurtto, 29 no. 12 8-11 366.

- Rucherenko, G. A. [Aesthette diversity of the art of socialist realism, form, style, and method]] stetle he skoe mnogoobrazie isknestva entalatisticheskogo realizma, manera, stil', metod. Moskva, Sovetskil khudozhnik, [1966] 228 p.
- Interary criticism and the appreciation of art and ferro at "moving as the fire" B.A. Kistov, Frudy like in r nar kho no 1,300 406 466.
- Nature of the ac shieffer, S.N., I imantheeva Nauch P. st. vys shkoly, files nauki 1 no. 1175-183 this
- A need for the beautiful, P (Akobson, Scintin 1 high 21 no. 7 17-18 Jl 466
- On the problem of the acalhetic value. I, Askara, Iz.,
  AN Kir, SSR no. 2:68-74 S-O '66.
- Study the wealth of a multinational culture. G.  $\Delta p_{11} \approx \tau_0 \tau_0$  . Vop. in . 5, no. 0.98-108, 9, 161
- Teaching what is beautiful. V. Skatershehil sv. Mol. komm. no. 4/1-82 *66

# AESTHETICS—STUDY AND TEACHING

- The beautiful for everyone, remarks on acothetic Education, P. Tron'llo, Komm, Ukr. 36 no. 6, 41 46
- Classes in aesthetics and nesthetical education in an evening technical school  $Z_s$ 5, Rabinovich  $5s \in \mathbb{N}$  obt 13 no. 7-28-31 J1  10 5.
- A concerted anotheric and physical development is an indispensable factor in the formation of person diffy V. V. Robinsmood A. P. Petadein Uch-zap '(ver), et ped-inst, no 35:00-105 %6.

#### AFFORESTATION

- (see also subdivision under Ducpropetrovsk Product, Duleper Valley)
- Feiling of trees on the Donatsk railt and, K. V. Kovales, Put' i put khoz, 10 no. 10 30-31 465
- A man of creative nearch. IU, N. Volthovich. Part I for khoz 10 no 9:11 32 66,
- Working over out-of-date teachings V, A Chirles Put! I put, khoz 10 no 7, P-45 '66

# AFGHANISTAN-FCONOMIC CONDITIONS

Afghanistan today, VI, Nakariakov, Nov. vrem. 25 no. 10:15-16 Mr '67

## AFGHANISTAN—HISTORY

- [Studies in the modern history of Afgianistan] Celerki to novel interil Afganistana Tashkent, Fan, 1986, 139 p
- AFGHANISTAN—TECHNICAL ASSISTANCE, RUSSIAN Mighaniatan today, VI. Nokariakov, Nov viora 25 no. 1845-16 Mt 167,

# AFRICA-ETHNOCENTRISM

Propinal Africa: on the nature of interethnic conflicts VI. Iordanskii. Mir ekop, i mezhdinar ota. no 2 41 50 '67

## AFRICA-HISTORY

Dawn from the North, L. Aleksandrov, Az, 1 Afr. neg 16 no. 1-26-27 Ja 167.

# AFRICA-INVESTMENTS, AMERICAN

"Now thos" of the policy of Washington in Africa, V. Sibirskii. Mezhdunar, zhizn' 14 no. J (1901-1916, 157,

# AFRICA-LITERATURES

[Literature of the countries of Africa] Lit. stran Afr. no. 2 '66.

## AFRICA-NATIONALITIES

Tropical Africa; on the nature of Interethale conflicts VI, Iordanskii. Mir, ekon, i mezhdunar, etn. no, 1 17 56 167.

# AFRICA-NEUTRALITY

- Melikian, C. N. [Neutralism of African states] Neitra-lizm gosudarstv Afrikl. Moskva, Nauka, 1986. 145 p.
- AFRICA—RAILROADS—DESIGN AND CONSTRUCTION Building new railroads in Africa and Australia, Trans; stroi, 16 no. 4:60-87 Ap 100,

# A FRICA—TRIBES AND TRIBAL SYSTEM

Tropical Africa: on the nature of interedinic conflicts, VI. lordanskii. Mir. ekon, i mezhdunar, etn. 10.1.47-56 167.

#### AFRICA, SUB-SAHARAN-MIDDLE CLASSES

National bourgeoiste of Tropical Milca M. Savel'ev 12 : Atr seg 10 no 118-19 Ja 160

#### AFRICAN ART see Art, African

A FRICAN POETRY-HISTORY AND CRITICISM Images of Africa. G. Potekhma. V mure inig 6 no 6

#### AFTERIMAGES

Some characteristics of the course of trace reactions in the aphere of the visual analyses in local lesions of the occipital lobe of the large hemispheres in man V L Fantalova Zhur vys nerv deiat 12 no 6 1034-1041

AGABABOV, SERGEI ARTEMOVICH, 1926-1959

<u>IAkubov, M.A.</u> [Sergel Agababov, 1926-1959; a sketch
of his life and work] Sergel Agababov, 1928-1959,
ochetk zhizul i tvorchestva Moskva, Muzyka, 1906

#### AGARICALES see subdivision under White Russia

#### AGED

immediate results of surgical it eatment in elderly and senile patients. V. T. Shkrobot. Sov and 29 no. il 103-106 N 466.

#### AGED-SURGERY

Some problems of surgical factics in the treatment of acute choler yettits in elderly and senile patients L. Skatin, N.A. Pšvetkova, Khirurgua 42 no 12 34-38 D *66,

#### AGGLOMERATION

Agglomeration of particles in butadiene-styrene lateres, T S. Kazakevich and others Kauch, i rev. 26 no. 1.9-

#### AGGLUTINATION

Dagree of hereditary fixation in transformed bacteria of agglutinable that acteristics acquired by the assimila-tion of heterogenous DNA, V IA, Romantsova Mikro-biol thur 21 no 5 20-75 62

#### AGGREGATES see Set theory

#### AGGREGATES (BUILDING MATERIALS) (see also subdivision under White Russia)

Borhenov, P.I., and V.I. Kavalerova, [Nepheline sludges] Nefetinovye shlamy. Leningrad, Stroitzdat, 1986. 242 p.

Fly ash from thermal electric plants as an addition to coment and concrete. V V StoPnikov, V, V, Kind, Stroi, mat - r no II 31-32 N +61.

# AGGREGATES (BUILDING MATERIALS)-STANDARDS

New standards for building materials. Stroi, mat, 7 no. 12, 37 D '6f.

Development of evoked potentials in the sensory-motor and associative zones of the cortex in kittens. O G Baklayadzhian, F.A.Adamian Fiziol zhui 40 no. 3 269-276 Mi 163.

Metabolism of muscular tissue in old rats. F.I. Grishko, N. A. Leykoya, Fiziol zhur, 52 no-12:1455-1469 D 56.

Simpozium "Obraz zhizni i starente cheloveka," Kiev, 1904. [Way of living and aging in man; materials] Obraz zhizni i starento cheloveka; materialy. Kiev, Zdorov'ia, 1006. 275 p.

## **AGRANULOCYTOSIS**

Cortisone therapy in the compound treatment of agranulo, ytosis E.G. Alferova. Shor, nauch, trud. SOGM1 no 10 166-168 161,

AGRICULTURAL ADMINISTRATION see subdivision under Azer batjan

## AGRICULTURAL CHEMICALS

NEMOTOY, A.M. [Chemical substances for the control of pests, plant discuses and weeds] Khimicheskie siedstva borby s vicidieliami, bolezniami rastenti i sorniakami, kraikii spiavochnik. Moskva, Kolos, 1966. 143 p. (DNAL)

The production and use of chemical fertilizers in the Federal Republic of Germany, France and the United States, V. G. Bezugley Shkola i proizv. 10 no.12:74-77 D '66.

Toward now achievements and developments of the chemi-cal industry and chemicalization of agriculture M.V. Katalymov. Khim.v sel! khoz. 5 no 1/2 Ja 167.

AGRICULTURAL CHEMICALS—SAFETY MEASURES [Safety manual in storing, transporting, and using pol-sonous chemicals] Pamialka no tekhuke bezopasnosti pri khranenii, transportinovko i primenenti indokhimi-katov. Moskva, Rossel'khozizdat, 1985. 58 p. (Pa-miatka po tekiniko bezopasnosti v sel'skom khozialstve) (DNAL)

#### AGRICULTURAL CHEMICALS-TOXICOLOGY

Krechkovskii, E.A. [Manual on poisonous chemicals, concise characteristics of poisonous chemicals, prophylaxis of the poisoning by them, and medical aid] Spravochnik po ladokhinukatam, kratkata kharakteristick stika iadokimikator, tekomendatsii po nofilaktike otravlenii imi i mery meditsinskoi pomoshchi. Kiev, Zdorovia, 1966. 115 p. (V pomoshchi rabotnikam sel'skogo zdravookhranenila) (DNLM)

## AGRICULTURAL CHEMISTRY

State and tasks of theoretical and methodical work in the field of agricultural chemistry A V Sokolov field of agricultural chemistry Agrochimita no. 1 3-23 Ja '67

AGRICULTURAL CHEMISTRY—STUDY AND TEACHING Organization of practical work in agricultural chemistry L.S. Sidel'nikov Sulola i proizv 10 no 12,37-39 D 166.

AGRICULTURAL CONTRACTS see Contracts. Agricultural

#### AGRICULTURAL CREDIT

Leshchenko, G.T. [Financing and issuing credit to agri-cultural enterprises] Finansuvannia i ki edytuvannia sil's'kohospodars'kykh pidpryjemstv. Kylv, Urozhai, 1966. 285 p.

AGRICULTURAL ENGINEERING see subdivision under Kuban

AGRICULTURAL EXHIBITIONS see subdivision under

#### AGRICULTURAL EXPERIMENT STATIONS

Cooperation between scientists and young experimenters, R. A. Peas, Shkola i proizy 10 no 10 65-68 O '66

AGRICULTURAL GEOGRAPHY-CONGRESSES see subdivision under Soviet Central Asia

#### AGRICULTURAL LAWS AND LEGISLATION

New rules governing the state procurement of agricultural 1 Kabilkin Sots zakon

AGRICULTURAL MACHINERY
(see also subdivision under Saratoy Province)

Agilcultural enterprises should be provided with good machinery P. I. Porokhovskii Trakt, i sel'khozmash. 30 no, 3:41-45 Mr. '60

Combined units from mounted machines, A Tekh, v sel'khoz, 26 no, 12:82-83 D '66,

A ditcher-dyker with a cutter-thrower. N. Israfilov Tokh v sell/hoz 21 no 12 30-32 D *61 Improve the technology of agricultural operations, G. Rybnikov. Tokh v sell/shoz. 27 no 1,10-13 *67

Justification of the speed of the working parts of machinery. T. I. Fgorova. Vest, selikhoz, nauki il no. 11:86-90 '65.

Ro. Hims-30 'co, Let us honor the Soft anniversary of the Great October with with new achevements Tekh. v sel'khoz. 26 no. 12: 1-3 D '66. Mechanization of operations in growing eilseed poppy. V. Ukrainets. Tekh v sel'khoz. 27 no. 144-16 '57.

Mechanization of gea cultivation V. Ravan, V. Chemus Tekh v sel'khoz 21 no 12 4-6 D (6) Points from soviet and foreign trade journals, V. K. Kidal. Trakt I sell'hozmash, 30 no 3:46-17 Mi (6). Speed up the carrying-out of the decisions of the December Plenum of the CPSU. Trakt, i sell'khozmash 30 no 3 1-3 Mi (6).

Standardization of the supporting wheels for agricultural machinery, T. C. Nonicva and others. Trakt iselikhor-mash. no. 1.28-30 Ja 167

Universal PRVN-1,5 vineyard machine. Sh. Perkis Tekh v selikhoz 21 no 12 33-36 D 161

AGRICULTURAL MACHINERY-BIBLIOGRAPHY see Bibliography-Agricultural machinery

## AGRICULTURAL MACHINERY-CLEANING

Care for the surface of machines, M. Sorgety, A. Shirla-ey, Tokh, v scilkhoz, 26 no. 12:53-57 D '66, New cleaning solutions, N. Masloy, V. Shakhtaev, Tokh, v scilkhoz, 26 no. 12:68-69 D '66.

# AGRICULTURAL MACHINERY-CONGRESSES

Factory conference on increasing the wear resistance of harvesting and grinding apparatus of agricultural ma-chinery, A. A. Galperin, Trakt i sellkhozmash, no. 1 chinery. A

### AGRICULTURAL MACHINERY—EXHIBITIONS

For the procurement of agricultural products, A. Chelyshev, V. Davydova, Zakup, sel'khoz, prod. no. 8 60-61 shev, V. Ag | G6.

Recent developments in the mechanization and electrification of agriculture based on the materials of the World Exhibition of 1958 in Brussels, P.N.Listov Doki. TSKHA no. 44,17-45 159

Tractors and agricultural machinery at the Exhibition of the Achievements of the National Economy of the U.S.S.R. in 1889. N I.Sviderskii. Trakt. i sel'khozmaeh. 30 no. 348-3 of cover Mr 180.

#### AGRICULTURAL MACHINGRY—HYDRAULIC COUP-MENT

Jansons, V., and N. Ivanovs. [Maintenance and check of hydraulic systems] Hidraulisko sistemu tehniska apkalpe un parbaude. Riga, Liesma, 1966—115 p. [In Latvian]

#### AGRICULTURAL MACHINERY-MAINTENANCE AND REPAIR

REPAIR
Abramov, G.A., and A.I Kosliov. [Maintenance system for tractors, motor vehicles and aga leultural machinicity] Sistema tekhnicheskogo obsluzhivanita traktorov, avtomobile i sel'skokhozialstvennykh mashin voronezh, Tsentral'no-Cher nezemnee knizhnoe izd-vo, 1965
22 p (Peredovot opyt v sel'skom khozialstve)
[MICROFILM]

Characteristics of the investigation of cases conceining the negligent use and upkeep of agricultural machinery, I Ivanov Sots, zakon no 2 52-54 F '67.

Determining requirements of repairing units. A. Zorin. Tekh, v selkho? 26 no 12 66-67 D 166

Economic effectiveness of using polymers in repair york V Rumanov Fish v sel'khoz. 27 no.1:60-61

Efficient grabbing machine, A. Eromin, A. Kirov, Tekh. v schleboz, 26 no. 12 70-71 D 166

For the proper maintenance of agricultural machinery, M. Maksumov, I. Antipov. Suts zakon., no. 2 50-52  $\Gamma^{-167}$ 

Increase the rate and quality in reprinting agricultural machiner. Tekh v scitkhoz 21 no 121-3 D '61

Lathe with built-in reducing gear for welding K. Dondo-kov, IU Tarasov, G. Torboev, Tell v schling, 26 no. 12 59-70 D 166

Manufacture of broached bushings N.Gusarov Tekh v sel'khoz 21 no 12,77 D '61

On the agenda technical servicing of machinery. A. Volkov, S Naumov Ekon sellkhoz. 12 no 1;119-121 167

Removal of broken pins. Z. Poz. Tekh. v selikhoz. 26 no 12 44 D 166.

Repairing the casing of a pusher. S. Fesenko, Tekh, v scllkhoz. 26 no. 12:72-73 D 166.

crentific organization of labor in repair service. I Pustovalov, Tekh, v scllkhoz. 27 no. 158-50 167.

The service line of the PD-10M engine regulator has been prolonged. N Sa axas. M Tkachev. I ckh v sellkhoz. 21 no 12 76. D. 'Gl.

Specialization as the main factor in technical maintenance of machines M Putintseva, A. Podgurskii, V Zezin, Tckh. v sciikhoz. 26 no. 12 15-50 D 166.

Work on a vibration build-up welding apparatus
IA, Dotosh Fekh v set khoz, 27 no. 1,70-71 '67,

#### AGRICULTURAL MACHINERY—PARTS

Practices of the Kirov Plant in the classification of parts. IU, A Gellman Trakt i sell knozmash, no. 1:15-17

Systems of the surface grinding of agricultural machine parts hard freed with the KhT5U wear resistant alloy A. S. Mel'nikov Trakt 1 sel'khozmash, no. 1,39-12

### AGRICULTURAL MACHINERY-RELIABILITY

Calculating the durability and reliability of machinery. N. Mikhailovskii. Lkon. sel*khoz. 42 no l*51-55 *67.

AGRICULTURAL MACHINERY-TECHNOLOGICAL INNOVATIONS see subdivision under Lugansk

#### AGRICULTURAL MACHINERY INDUSTRY (see also subdivision under Daepropetrovsk)

Make more extensive use of progressive materials in the agricultural machinery industry \ I Buianov,
I. P. Rabinovich, Trakt, i sel'khozmash, no. 1;3-5
Ja '67

Tractor and agricultural machinery industry in 1967 A E. Izotov, Trakt, 1 sel'khozmath, no 1,1-2 Ja 167

### AGRICULTURAL MACHINERY INDUSTRY-CONGRESSES

All-Union scientific and technical conference on "Practices of the machinery manufacturing enterprises in the modernization of equipment." MA Chashchin Trakt i sel'khozmash. 30 no.3 17-18 Mn '60.

AGRICULTURAL MACHINERY INDUSTRY-MANAGE-MENT see subdivision under Rostov-on-Don

## AGRICULTURAL PESTS

Moths and pyraiids as peaks of farm supplies. A. Zaguliaev Zashch, rast. 12 no. 1:35-36 167.

## AGRICULTURAL POLICY

(see also subdivision under Great Britain; Tomsk Government)

Correlation between industrial and agricultural development in the U.S.S.R. and improving the forms of collective farm property. V. Kit ichenko. Nauch. dokl. vys.shkoly, ekon.nauki 4 no 1;27-36 '51,

### AGRICULTURAL PRICES

Several problems of the operation of the law of value in collective farm production. C.Sagnidak. Nauch.dokl. vys.shkoly, ekon.nauki 4 no.1;37-42 *61.

#### AGRICULTURAL RESEARCH

(see also subdivision under Salu, Estonia, White

Coordinating economic research | I S | Polovenko, Dokl 1 wood VRIESEH no 28 120-121 has In the Presidium of the AH-Umon Academy of Agricultural Sciences, Vest wolthog, much 11 no.1030-136

Tasks of agricultural institutions, N. I. Volodarskil, Vest, scilkho rauki il no. 111-5 '66.

#### AGRICULTURAL WAGES

(see also subdivision under Czechoslovakia. Kazakhstan, Moldavia)

Monetary awards made to machinery operators for good

Monetary awards made to machinely operators for good maintenance and use of capinment A Korzun Techn v sel'khoz 21 no 12 30-52 D [6]
Ovchinnikov, F.M., K.G., Valley, and A.P. Fomin, [Organization and payment of labor on state farms, in questions and answers] Organizatella i opiata truda v sov-khozakh, v voprosakh i otyctakh, Moskva, Rossel'khozitat, 1985. 196 p. (InU)

Wages for workers of state farms and other state enter-prises for hight work. Nangazeev. Ekon sellkhoz. 42 no 1 13-44 67

AGRICULTURAL WORKERS see subdivision under United States

#### AGRICULTURE

(see also subdivision under Altai Territory, Azerbaijan; Estonia, Kabardino-Balkar A, S, R., Kazakhsian, Kostroma Province; Moldavia, Mongolia, Polkava Province; Siberia, Eastern, Stavropol Territory, Sumy Province, Uzbekistan, Yangize Valley)

Development of theoretical principles underlying agriculture V-Nartsissov Zemledelle 29 no 14-7 Ja '67

Dispatcher control of agricultural production. G. Ksynkin, V. Bobrovskii, N. Gauvoronskii, Tekh v scl'khoz 26 no 12 4-6 D 166.

Farming on slopes V P.Nekrasov Doki TSKH\ no.41-47-52 '59

Give the great date a worthy velcome, Telh, v sellkhoz, 37 no 11-3 67

Large crops in the anniversary year Zemledelie 20

Let us consider special conditions -V Bisenbae. Part. zhizh' no 3 68-69 F '67

Let us get ready for the spring of the anniversary year igitator 34 no 4 2-4 F 167

Nature and indices of agriculture intensification N. Buzulukov. Nauch dokt tys shkoly, ekon nauki 10 no 1 25-32 [67].

Reflections of an agronomist. A.Potrekhaev. Zemlede-lie 29 no 1,40-42 Ja '67

Three letters from the collective farm, K. Bukovskii, Oktiabi! 43 nu. 12 135-141 D '66

V. I Lemm on the increase of the productive power of land, I S. Kuvshinov, A P Mershin. Zemicdelie 8 no. 4 3-9 Ap 460,

We must love our work A Gromov, V mite bnig 6 no. 6 19 Je '66

white Russian Institute of Melioration and Water Resources Management. V. M. Zubets. Vest.sel'khoz.nauki ll no 12:129-133 D '56.

## GRICULTURE-ABSTRACTS

[Agriculture; classed index of articles in foreign periodicals] Sel', khoz, , sist, ukaz, st. v inostr, zhur. no. 1

## AGRICULTURE-ACCOUNTING

(see also subdivision under Novgorod Province)

Bleshenkov, A.M. [Analysis of the managerial opera-tions of collective and state farms] Analiz khoziaist-vennoi deiatel'nosti sovkhozov i kolkhozov. Moskva, Financy, 1986, 285 p.

[That is how we work on a business accounting basis]
Tak my rabotaem na khoziatstvennom raschete. Moskra, Sovetskaja Rossija, 1986. 166 p. (Truzhenikam
sela - ob intensifikatsij)

AGRICULTURE-BIBLIOGRAPHY see Bibliography-Agriculture

## AGRICULTURE—CONGRESSES

(see also subdivision under Komi A. S. S. R.)

Conference on the tasks of agricultural science and propaganda, V. Kondrat'eva, Vest, sel'khoz, nauki 11 no, 11-140-141 '68,

# AGRICULTURE-DICTIONARIES

[Agricultural encyclopedia] Lauksaimniecibas enciklo-pedija. Riga, Liesma, [In Latvian] Vol. 2. Ecesana—Latvijas Lauksaimniecibas akademija. 1986, 828 p.

AGRICULTURE—ECONOMIC ASPECTS (see also subdivision under Kabardino-Baikar A. S. S. R.; Latvia; Ukraine; United States)

Agriculture in the system of interbranch relations, A. Granberg, Nauch, dokt. vys. shkoly; ekon, nauki 10 no. 1 13-24 167.

Changes in the social structure of the modern capitalist village, 5 Nadel. Mit ekon i mechdunat otn. no P. 72-82 '67.

Ignatovskii, P.A. [Social and economic changes in the Soviet village] Sotsial no-ekonomicheskie izmenenita v sovetskot derevne. Moskva, Nauka, 1966. 390 p.

Markitability of agricultural production and state deliveres NS Buzuluko. Zakup selvinoz, prod. no 8 10-14 Ag '66

Martynov, V.A. [Agrarian problem in the developed capitalist countries] Agranyl vopros v ruzvitykh kupitalisticheskikh stranakh. Moskva, Mysl', 1966, 87 p.

The New Peonomic Policy and the contacts of socialist industry with small peasant farms. V I, kuz'ımın, Vop. 1st, kPSS 11. no. 2 46-57. I. '67.

Romanenko, I.N. (Economics of socialist agriculture)
Ekonomika sotekalisticheskogo sel'skogo khozialstva,
kiev, Urozhal, 1966, 562 p. (Uchemiki i uchelnyc
posobiia dila vysshirh bel'skokhozialstvenykh uchebnykh zavedenii) (CU)

AGRICULTURE—FINANCE
Leshchenko, G.T. [Financing and issuing credit to agricultural enterprises] Finansuvannta i kredytuvannta
sil's'kohospodars'kykh pidprytemstv. Kylv, Urozhai, 1966. 295 p.

Potentialities of the efficient use of moduction funds and capital investments V Khalturin, V Kadulin, Ckon, sel'khov 42 no.1;56-65 '67

#### AGRICULTURE—LABOR PRODUCTIVITY

Agitator in the battle for grain Agitator no. 17:7-8 S 162.

Those who are marching toward the future. N Golyshev. Mol. komm no 6:68-78 Je *61

#### AGRICULTURE—PERIODICALS

Scientific information in the service of agriculture, A. Khlystova, Inform bird VDNKH no. 130 Ja 167,

# AGRICULTURE-STATISTICS

(see also subdivision under Uzbekistan)

Correlation method in the analysis of the factors of labor expenditure and means of agricultural production. A. Bugutskii, N.T. Ivashchenko. Vest sel'khoz nauki. 11 no 12:112-118. D. '66

#### AGRICULTURE-STUDY AND TEACHING

An example of connection between agricultural experiment and mathematics Z.V.Zemtsov Shkola i proizv. 10 no 12 40 D 66.

#### AGRICULTURE-TERMINOLOGY

History of Russian agricultural terminology, Z.A. Orazova, Izv W Turk SSR Ser obshchesty nauk no 5 50-59 466

## AGRICULTURE, COOPERATIVE

(see also subdivision under Bulgaria; Uzbekisian)

Several problems of the correlation between socialist industrialization and the socialist cooperation of the peasantry G.Kharakhashian Nauch dokl vys.shkoly; ekon.nauki 4 no 1:16-28 [6].

AGRICULTURE, COOPERATIVE-LAW AND LEGISLA-TION see subdivision under Bulgaria; Europe, Eastern

### AGRICULTURE AND STATE

Intercollective farm and state-collective farm ties and problems of developing them S. Semin. Vop. ekon. no.1:121-125 Ja | 67.

## AGRICULTURISTS

Ambitious profession. A.Gerasimenko. Zemledelie 29 no.1:55-59 Ja  $^{\rm 1}{\rm G7}$ 

Labor achievements of an agronomist. P.Stepanov. Zemledelte 29 no 1:53-54 Ja 167.

Necessary precision. S.Shevchuk. Zemledelte 29 no.1;61 Ja '67.

A Siber ian. L. Khataevich. Zemledelie 20 no.1:69-63

What is the meaning of "to know how to live"? N. Limo-nov. Mol. komm no. 4-54-59 '66

## AHUND-ZADE, FETH ALI, 1812-1878

Alleva, Adel'. [M. F. Akhundov and the theater; stage history of dramaturgy] M. F. Akhundov i teatr; k sisenicheskoi istorii dramaturgii. Baku, izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1966. 106 p.

How the works of Ahund-zade influenced the development

of progressive social and philosophical ideas in Iran, R. M. Eminov, 12v. AN Azerb, SSR, Ser, ist., filos i prava no. 3:80-90 '66.

### AIDS TO AIR NAVIGATION

Chart board for selecting a pair of celestial bodies. V. Lipskii. Av. i kosm. no. 1:36 Ja 167.

## AIDS TO NAVIGATION

Zoleey, P.S., E. F. Ludchenko, and P. K. Timofeey.

[New marine electric navigation instruments] Novyo
morskie elektronavigatsionnye pribory. Moskya,
Transport, 1986, 163 p. (Kursy usovershenstvovanija playsostava MMF)

#### ATR-ANALYSIS

Determing vapor content of hydrocarbon gases in musing Shi-3 mining interferometri M. A. Noeliev, M. V. Otsing Gaz, prom. II no 12 38 460.

#### AIR-MICROBIOLOGY

Contamination of air in the biotron chambers and control premises with hemoly the coret and their histograph characteristics 1. V Hrybor teva, V.A. (Aroshirako Mikrobiol, Ann. 24 no 5-30-33 62.

#### AIR—POLLUTION

The air we breathe, V. S. Pmellianov. Nov. Grein 25 no. 172-25 F. 167

Operational reliability of insulators in regions of considerable pollution P. N. Dagaev, P. A. Timmern of Vest (SNII MIS 25 no. 7:18-51 '66.

#### AIR—PURIFICATION

Combustion method for climinating methanol in statist, air purification V P Cherepanov, N.P. Drozdov, V P Kisarov Zhur prikl khim 31 no 6 1378-1380 L

AIR, IONIZED see subdivision under Chukhuryurd (Azerbaijan)

Method for testing rubber-fabric sleeves for front res si-B. I. Hibitskii and others, Kauch, i rez no. 12: 17 '60.

#### AIR COMPRESSORS—SAFETY REGULATIONS

[Regulations for the installation and safe operation of alr regiminous for the minutation and made operation of at compressors and air ducts] Prayin ustroisty, (1620 pasnot ekspluatatsii vozduslmykh kompressoray (1600dukhoprovodov, Moskva, Nedra, 1966. 22 p.

#### AIR CONDITIONING

Air conditioning in computers, V.IA; Mekter, S.I Zw., Khol tekh 43 no.12:31-36 D 466.

Experience in using systems with room conditioners IA.D. Peker. Stroi i arkhit. Uzb. / no 12 45-47 1) 4 5

### AIR CONDITIONING-EQUIPMENT AND SUPPLIES

The DROV-3 relative humblity relay-pickup. M. 1, Zotkin. Khol, tekh. 43 no. 12:53-51 D 166.

Study of apparatus with a membetype openy headplete froath conditioning. P.V. Stefanov, Khol (ckh., 11 ro., 12 17-2) D 166.

Thermoplie for air conditioning. IU, N Tsvetkov, Plottekh, 43 no. 12 (E5-17 D 166.

#### AIR DUCTS

Making more accurate the method of determining of the carrying capacity of vontilation conduits. H. M. Tuto izv vys uchebozav , gorozbur. O no 10:127-131 4.4.

## AIR DUCTS-SAFETY REGULATIONS

[Regulations for the installation and safe operation of sir compressors and air ducts] Pravila ustroisiva i bezz-pasnoi ekspluatatsii vozdushnykh kompressorav i voz-dukhoprovodov. Moskva, Nedra, 1966. 22 p.

## AIR FLOW

Conditions of air movement in worked out areas. I. A. Puchkov, Izv. vys. ucheb. vav.; gor. zhur 6 no.14 70

# AIR PREHEATERS

Study of the scals of a regenerative air heater utlay a cold model - I. A. Rotkochik, A. U. I ipeta, G. V. Gran , Thergomashinostrochic 12 no. 1610-10 N 455,

AIR PREHEATERS—TESTING
Industrial tests of the scale of Z and O regenerative air
heater L. A. Kontrov and others. Flek, sta. 17 not 2
27-70 D 166.

# AIR PUMP

Selection of productive capacity of condensing system sir pumps. L.D. Herman. Elek, sta. 37 no. 12, 13-11 D '66.

# AIR-SUPPORTED STRUCTURES

Pasumatic structures in municipal construction. A. S. Krasheninkov, A. V. Galaktionov. Strot, i arkbill, i en 20 no. 1.30-31 Ja 167.

## AIR TURBINES

Vertical wind profile and He effect on windmoters. F.63 Muradaliev. Lv. AN Azerb. SSR. Ser. fiz. -tekh. l m.t. nauk no. 4:113-117 '60.

## AIR WARFARE

Pursuit plane attacks. B. Besschetnov, Av. i kosia, no. 2:10-11 F '67,

# AIR WARFARE—STUDY AND TEACHING

Hours of flight and the increase in fighting skill A. Ca-menov. Av. i kosm. no. 1,70-72 Ja 167.

Towards new boundaries of fighting skill. R. A. Vershir in. Av.i kosm, no.1:2 -5 Ja 167,

### AIRCRAFT-ENGINES

Operational and stand tosts of aircraft engines. E. E. a. nov. Grazhd, av. 12 no. 10:25-26 O 155.

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#### AIRPLANE INDUSTRY

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## AIRPLANES—AERODYNAMICS

Shp and rate of climb of the Li-2 and II-12 airplanes in flight with our fille engine. M. Rozenblat, Grazhil, av. 12 no. 10:18-20 O '55.

#### AIRPLANES-FLIGHT TESTING

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#### A IRPLANES-LA NOING

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#### AIRPLANES-LUBRICATION

Effect of the conditions of acid purification on the filterability of catalyzed oil in the production of the MK-22 aviation oil, A. M. Kuliev and others. Shor trud \z NII NP no. 3:181-193 '58.

#### AIRPLANES-MAINTENANCE AND REPAIR (see also subdivision under Irkutsk)

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A united family. I. Viadimisov. Grazhd. av. 12 no. 10:

AIRPLANES, MILITARY—ARMAMENT In a long-range supersonic plane, Part 5: Armament, I Leonidov. Av. 1 kosm. no 2 60-65 1' '67,

#### AIRPLANES, MILAPARY—FLIGHT TESTING

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In the fifth ocean (to be continued), P. Stefanovskii, Av. (kobin no 271-78 f 167.

AIRPLANES, MILITARY—PILOTING
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AIRPLANES, MILITARY—SPEED
What speed should be sustained? A. Saigm, V. Selezney,
Av. Hosin no 2 27-32 F '67,

AIRPORTS see subdivision under Kharkov: London

AIRPORTS-DESIGN AND CONSTRUCTION see subdivision under Kiev region, Leningrad

## AIRPORTS-MAINTENANCE AND REPAIR

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## AIRPORTS-PLANNING

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#### AKHALTSIKHE REGION (GEORGIA)-GEOLOGY, STRATIGRAPHIC

Age of Karatubani sandstones of the Akhaltsikhe Basin in Georgia. Zh R. Kazakhashvili, Soob. AN Gruz. SSR 27 no 2 185-168 Ag 161

#### AKIANGARAN REGION (UZBEKISTAN)-ATMOSPHERIC TEMPERATURE

Temperature conditions during the warm growing season in the Akhangazan Valley. Sh. Zakirov. Izv. Uzb. fil, Geog, ob-va 9:43-50 '66.

# AKHMATOVA, ANNA ANDREEVNA, 1888-1966

Pavlovskii, A.I. [Anna Akhmatova; an essay on her work] Anna Akhmatova, acherk tvorchestva [Leningrad] Lenizdat, 1966. 189 p.

AKHUNDOV, MIRZA FATALI see Ahund-zâde, Feth ali, 1812-1878

AKMOLINSK see Tselinograd

ARMOLINSK PROVINCE see Tselinograd Province

AKTASH REGION (TASHKENT PROVINCE)-DICKITE Dickite from Aktash deposit. K.Z. Zubrilina. Nauch-trudy TashGU no 234. Geol nauki no 20:88-82 '64.

AKTYUBINSK-IRON INDUSTRY-MANAGEMENT Achievements, difficulties, failures, M. Neimer, Nar, khoz, Kazakh. 24 no. 11-7-14 N 166,

AKTYUDINSK PROVINCE—PLANT COMMUNITIES Root system of the plants of natural phytocoenosis in peneplsin Solometz soils. T A Anarkulov, I.O.Battulin, N M.Mukhitdinov. Vest. sel/khoz, nauki [Kazakh.] 10 no 117-25 Ja '67.

#### AKUDIN, VENIAMIN

An artist of marronetics, M. Miunts Isbussivo 29 no 12 27-29 '66

Sichyna'kyi, Volodymyr, [The Roxalani, their name, sources, history, territory, study, archaeological finds, culture, and hieroglyphic writing Roxsoliana, dzherela, nazva, istoriia, territoriia, narys, arkheologichia znakhidky, kul'tura, znakove pis'mo. London, Ukrainian Pub. 1957. 66 p.

ALASKITE see subdivision under Tien Shan

ALATAU, DZUNGARIAN see Dzungarian Alatau

ALATAU, KUZNETSK see Kuznetsk Alatau

ALATAU, TALAS see Talas Alatau

ALATAU, ZAILIYSKIY see Trans-Hi Alatau

ALAVERDI (ARMENIA)—INDUSTRIAL MANAGEMENT And the flame was ignited Prom Arm, 9 no. 11:62-61

## ALAY RANGE—DATOLITE

Datolite veins in ultrabasites of the Alay Range. G G Kravchenko, Trudy Min, muz., no 12 223-225 [6],

#### ALAZAN' VALLEY-BOTANY

Studying the vegetation of saline soils in the Alazan' Valley. V G Ausenishvili. Soob AN Graz, 53R  $_{26}$  no  $_{6}$ ley. V G Auser 703-709 Je '61

## AL'BOV, NIKOLAI MIKHAILOVICH, 1866-1897

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#### ALBUMIN

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Effect of lower alcohols on formation of crystal hydrates in liquids and gases, A.A Krasnov, Gaz delo no. 12: 9-11 '66.

#### ALCOHOLISM

(see also subdivision under Bashkiria)

Antitoxic function of the liver in alcoholic delirium. M. S. Shafranova, Trudy Gos, nauch -isst inst. 191kh, 26 Shafranova Trudy Gos, nauch - isst inst. paikh 330-334 461,

Classification of the forms of alcoholism based on the present-day clinical practice, A. 10 Vyjasnovskii, Trudy Gos, nauch, -issi, inst. psikh. 26 117-324 | 61,

Vetra, R., and G. Vetra. [We are going your way] Mums nav pa celam, Riga, Licama, 1966. 85 p. [In Latvian]

The way to eliminate some surviving traces of the past. R. A. Beteve, V. I. Paperno Uch. zop Sver. gos. pad. intl. no. 35:116-128 466.

ALCOHOLISM-PREVENTION see subdivison under Tyumen' Province

#### ALCOHOLISM-TREATMENT (see also subdivision under Tomsk)

Alcoholism and the organization of the treatment of alcoholic diseases, based on data of psychonourological institutions of the R. S. F. S. R. V. M. Banshchikov, J. S. Iolovich, Trudy Gos. nauch, -issl inst. psikh, 26:308-316 161.

Complications in anishuse treatment of chi onic alcoholism. V I. Komeman, L. V. Kradinova, Trudy Gos, nauch, issl. inst. psikh, 28-359-362 161.

Results of compound treatment of chronic alcoholism, A. G. Makeeya. Trudy Gos, nauch, -issl, inst. psikh. 26 351 - 358 161.

Results of outpatient treatment of alcoholics. N.A. Liabakin. Trudy Cos. nauch. -issl. inst. psikh. 26:347-350 161

Some problems of the pathogenetic treatment of alcoholism. L. M. Lityak. Trudy Gos. nauch. -issi, inst. psikh. 26, 341-346 161.

Use of novocaine in the treatment of chronic alcoholism.

G. P. Sheremet'ev. Trudy Gos. nauch. -issl. inst. psikh. 26:383-369 | 61,

## ALCOHOLS

Adsorption of some aliphatic alcohols on liquid gallium. N.B.Grigor'ev, I.A.Bagotskaia, Elektroklitmila 2 no. 12:14 19-1452 D '66.

Binding of fluidized boric acid in final oxidate in oxidation of liquid paraffin hydrocarbons to alcohols, V.V. Vesc-lov, V. M. Pedaias, E. E. Tershchenko, Trudy NISZHIMSa no. 2:45-50 '61.

Boric acid preparation for its use in the process of oxidation of liquid paraffin hydrocalbons to alcohols, V.V. Veselov, V. M. Pedsias, I. I. Linbarskais. Trudy NISZHIMSa no 2,30-33 ¹⁶1.

Catalytic amination of alcohols. Report No. i. N. S. Koztoy, I. P. Kirichenko. Uch, zap. Perm, ped, inst. 32 27-32 465.

Catalytic amination of alcohols. Report No. 2, N. 5 Kozlov and others. Uch zap Perm, ped mst 32 33-

Catalytic reduction of nitroso-, aro-, aroy-, hydraro-benzenc, phenylhydroxylamine by alcohols. N. K. Koz-lov, M. N. Tovshtein. Geh. / ap. Perm. pcd. inst. 32 37-91 465.

Changes in the activity of alkaline (d 1 3 1 ) and acid (3 1.3.2.) phosphatases in mucous membranes or stonach and small intestines as effected by amino alcohols
A, A, Mnatsakanian, L O Buniatian Biol zhur Arm 19 no 12:46-52 D 66

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Effect of certain factors on saponification of crude alcohols and soap sept: attor from them, N. K. Mankov-skaia, V. V. Veselov, V. M. Pedaian, "Trudy NISZHIMSa по, 2 50-54 161

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Organophosphorus nitroalechols. O, O-dial-yl-1-methyl-1-hydroxy-2-nitrophosphonates and their derivatives. T. A. Mastriukova and others. Dokt AN SSSR 171 no. 6:1341-1344 D '66,

Oxidation of alcohols on platinized silica gels of various types N. M. Dmitrienko, V. S. Boronin, O. M. Poltorak Vest. Mock un. Sci. 2; Khim. 21, no. 6, 408-409, N.-D. '86

Ovidation of liquid paraffm hydrocarbons to alcohols in the presence of decreased amounts of borre acid Vesclov and others Trudy NIISZHIMSa no 2 39-45

Proparation of alkylated amines from nitroparatins and alcohols. N S Kozlov, N K, Matveeva Uch zap Perm pod, inst 32:10-13 165.

Reaction of methyl and ethyl alcohols with tetrachloro-ethylene. G. I. Nikishin, M. I. Diusenov, G. V. Somov. Izv. AN SSSR. Ser. khim no. 12 2188-2192 '66.

Separation of saponified product obtained in the minufacture of higher aliphatic alcohola N. K. Man'kovskaia, V. V. Vusetov, V. M. Pedaias, Trudy NHSZHIMS; no. 2:54-58 [6]

Spectrophotometric determination of relative content of primary and secondary hight a highest alcohole in their mixture obtained by oxidation of synthine, B. P. Kotellukov and others Trudy NIISZHIMSa no 2 89-92 161.

Synthesis of some substituted to lphenylcarbinols. L.L. Kotitarevskii, N.I. Popova, Izv. AN SSSR, Ser. khim no. 1:208-210 Ja '87,

A. N. Volkov, A V Bogdanova, L A Vladimirova IIv. AN SSSR Ser, khim. no. 1.186-188 Ja 167.

Thermal stability of borates of secondary high-molecular alcohols. V V Veselov, V. M Pedalas, E. V. Alekseen-ko. Trudy NIISZHIMSa no 2 33-38 181

Use of sodium alkyl sulfates, derivatives of synthetic alcohols for the manufacture of Hquid cleaning prepara-tions and cream-like shampoo. I. K. Getmanskii, Trudy NHSZHIMSa no. 2.92-95 *61.

### ALDAN PLATEAU-CARBONATITE

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ALDAN PLATEAU—COAL GEOLOGY Metamorphism of coals of the Southern Yakut Basin, A.I. Chelebaeva, Razyed, i okh, nedi 28 no, 3:6-9 Mr 160,

ALDAN PLATEAU-COAL MINES AND MINING

Prospects for developing the Southern Yakut Basin, I.S. Bredikhin. Razved.i okh.nedr. 26 no. 3:1-5 Mr. 190.

ALDAN PLATEAU-GEOLOGY, STRATIGRAPHIC New data on the Archean stratigraphy of the southern margin of the Aldan Shield, A. C. Kats, Biul, MOIP, Otd. gool. 36 no. 5:137-138 S-O '61.

### ALDAN PLATEAU-GRANITIZATION

Granitization in the southeastern part of the Alden Shield. V. A. Rudnik. Biul. MOIP. Otd, gool. 36 no. 5:137 S-O '61.

#### ALDAN PLATEAU--PETROLOGY

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#### ALDOSTERONE METABOLISM

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# ALEKSANDROVSKIY ZAVOD DISTRICT-BATRS.

Treatment of patients silvering from Unov (Kaschin-Berl) discase at the "Yambun" Itealth Resort, f. I. Kraichenko. Vop bur (fizioter i lech fiz bult. 27 no. 6 520-534, N-D. 162.

ALEKSEEV, ALEKSEI GEORGIEVICH, b 1885? D. N. C. Nelseer, on the 30th unniversally of his bitth
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#### ALEKSEEV, OLEG

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#### ALEKSH, Patriarch of Russia, 1977-

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Bivenergetics of the assimilating cells of Chlorella pyr cnoidona Chick T. A. Glagoleva, O. V Zalenskii Bot zhur. 51 no 12 1683-1693 D '66.

Characteristics of assimilation activity and cell composition in Scenedesmus quadricauda of ar lous ages, S.S Baslavskafa, L.S. Bamburova, Vest Mosk un, Ser 6 Biol , pochy, 21 no 5,27-34 S-O '66,

Construction of self-absorption curve by using radio-carbon method V. L. Kaler, R. Z. Kovaltvakara, Mikrobiologiia 35 no.6:1100-1103 N-D '68

# ALGAE-CULTURES AND CULTURE MEDIA

Effect of nitrogen nutration sources on growth of green alga Asteromonas graciis Artari and its biochemical composition E.V IUrina, M.V. Pakhomova, Vest. Mosk un Ser. 6, Biol., pochr. 21 no. 5:35-38 S-O '66

Gel filtration method for studying external metabolites in mai me unicellular alga cultures, Z. P. But lakova, K. M. Khailov, L. A Lanskaia, Gidrobioi zhur. 2 no, 6 26-

Keto and aldeh; Je acids in Chlorella. V. R. Shatilov and others. Dokl AN SSSR 172 no. 3'731-732 Ja '47.

## ALGAE-MICROBIOLOGY

Endopai asites of protococcal algae. B.V. Gromov. K. Λ. Mamkaeva Mikrobiologija 35 no.6 1073-1079 N-

ALGAE, FOSSIL see subdivision under Olckma Valley

## ALGAE AS FOOD

Separation of proteins from unicellular algae, N S. Kliushkina, V. I. Fofanov, Vop pit 25 no 6 3-9 N-D 166.

Use of 50 and 100 grams of dry uniccilular alga biomass in human food rations. IU. L Kondratley and others Vop. pit. 25 no. 6.8-14 N-D 166.

Use of 150 grams of dry unicellular alga biomass in human food rations. IU L Kondrattev and others Vop. pit. 25 no. 6.14-19 N-D 166

#### ALGEBRA

Action and the second of the s

theory of relations and algebra of partial mappings by Vagner Teor poluging equipolar no. 103-178

## ALGEBRA-PROBLEMS, EXERCISES, ETC.

Muravin, K.S. [Independent tasks and test papers in al-gebra for the eight-year school, textbook for teachers] Samostoratel mye'r kontrol mye raholy po algebre difa vos muletnei shkoly, posobie dlia uchitelia Prosveshchenie, 1965 – 201 p

# ALGEBRA—STUDY AND TEACHING

Elements of physics in an algebra course in the 7th - 8th grades of correspondence schools. 10. P. Avotin. Vech. sicil, shkala @ no. 5-51-55 S-O '66.

#### ALGEBRAIC CURVES see Curves, Algebraic

#### ALGERIA—PEASANTRY

Fickin, N.M. [The peasantly in the Algerian Revolution, 1954-1962] Krest'ianstvo v alzhirskoj revo-liutsti, 1954-1962. Kiev, Naukova dumka, 1967. 124 p.

## ALGERIA-POLITICS AND GOVERNMENT

Frolkin, N.M. [The peasantry in the Algerian Revolution, 1954-1962] Krest Lanstvo v alzhirskoi revo-liutsii, 1954-1962. Kiev, Naukova dumka, 1967. 124 p.

#### ALGORISM sec Algorithms

#### ALGORITHMS

Algorithm for modeling the operation of a rotary line by an electronic computer. A Alhimedov. Vest, Mosk, un Ser 1 Mat., mekh. 22 no 135-39 Jn-1 157.

Algorithm of gradient method in controlling catalytic reforming B A, Bel'tsov Neftepers i neftekhim. no 12,40-42 '66

Algorithm of the arithmetical-geometrical mean, A, M. Zhuravshii Zap 16f 43 no 3.9-25 451 Alphabet of recognition objects. V N Elkina, N. G. Zagorniko Vych sist no 22:59-77 466

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Vych sist no 22:77-80 '66

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Numerical solution of spatial nonlinear problem of air-flow passing around barriers E. M. Pekells. Trudy MMTS no. 14 16-17 166.

Obtaining enough P₁(v) that acter latter in image recognition B M. Kurtlov. Vych wist no 22:21-38 left One algorithm for setting up simple tests. D. Sh. Kospanov Disk anal, no 8 49-48 466

One algorithm of the computation of conjugate systems by SSP MO (LCAO) method taking into account configuration interaction. G. I. Kagen, I. N. Fundyler, G. M. Kagen. Teoret i eksper khim. 2 no.5:389-598 S-O '68.

Optimum algorithms of decoding redundant codes, L.P. Afmogenov, Trudy GGO no 199-174-180 '06,

Proof of the convergence of G V. Sheteikhovskii's method for a problem involving transport limitations. I. M. Brofman Zhur, vych mat, i mat, fiz. 7 no. 1,117-156 Ja-F 167

Representability of sampling in selecting an effective system of characteristics G S. Lbov. Vych. sist. no. 22:39-58 66

Zasiavenko, L.G. [Algorithm making it possible to find the eigenfunctions and eigenvalues of the energy open a-tor for some variants of quantum field theory.] Algoritm, pozvoliaiushchti naiti sobstvennye funkisii i sobstvennye znachenila operatora energii dha nekotorykh variantov teorii polia. Dubna, 1967. 9 p

## ALI, SABAHATTIN, 1907-1948

Kiamilov, Kh. [Anatolia through the eyes of Sababattin All, remarks on the prose of the Turkish writer] Anatolia glazami Sabakhattina Ali zametki o proze teretskogo pisatella. [Tashkent] Izd-vo Tashkent, 1965. 97 p. (NIC)

ALĪ SHIR, MIR, calted at-Nawā'i, 1441-1501 Complex sentences in "Mukhokamatul-lugatain" by Alishor Navoi, A.I. Abrazheev, Trudy UzGU 95-151-168 159

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#### ALIMENTARY CANAL-SURGERY

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Cation diffusion along tacco of alkali-halide blory its 1 I.V. I. (logar) is and otherwords, type delication in all 12345-3254 N. John

ages of two the first theorem is a state of the state of

I ffect of backer aftering on the absorption coefficient during the pressing of the ansatrahung through (Bell) halfde crystabs. V. A. Vorobley - Izv vyr nebels.  $\alpha$  , fiz. 9 no.6458-160  $^{4}\mathrm{ha}$ 

Treet of the processing method on the plantelts of the crystale of rock satt, syk ite, fithium fluoride sattlinotite, A, V, 4 cchai, A, V, 4 choracev | Optimized prom. 33 no. 1591-93 D-966

I sportmental study of the optical distinters dion of the banc F K-lanev, A Kh khalilov, Py AN Areth K Sn ffr-teekh i mat neuk no 4/12-75 b6

Variational calculation of becomes polarionidity in alkall-halide crystala (point lattice approximate d M. N. Adamov, 1). M. Ladovakala, T. K. Reham, 11 tyer (tela no 11:31/1-31/6 N. 466)

#### ALKALI LANDS see Saline and alkali soils

## ALKALI METAL CHLORIDES-THERMODYNAMICS

Chermodynamic study of the ayatem's Cat I - Nat I and Nat

#### ALKALI METAL NITRATES

Conditions of formation of solid solutions in blass (1, 1) tonu consisting of alkali metal attracts. R. G. Sana (1) V. P. Pittaha nev, Zhan, neorg kalim (12) no. (1, 2013). In [40]

ALKALI METAL PERCHLORATES -- THERMODY MATES Phermodynamic study of the system IsC 104 - 1414 kg -HiO at 25%, S.A. Simmova, M.M. Shall's - 26%, near g khim - 12 no. 1.235-230 for 26%.

## ALKALI METAL PHOSPHATES

Thermodynamic analysis for system KHSPO₁—5H pHs PO₄—H2O at 25%, Purt 2—Composition of cresses of phases in the system KHSPO₂—KH3H3PO₃—4130 cre the thermodynamic properties of solid colutions KH-PO₆—8H1H3PO₃ at 25%—5, A, Summor c, M 71— Shuller, Vent, I GD 21 no. 23, 055–050.

## ALKALI METALS

Calculating the phonon spectrum of alkali metals (5.7), Paylov, 1 (2) met 1 metalloyed (22, no. 93810 411 (10.5).

Reduction of 6-methoxyl 1-indanone by all the tile at 11 moth and minority. R. R. Prentakii, J. V. Markers - i AN 555R. See John and 1777-126. To 107

Theory of mechank of proportion of alkalf and alk di-om the metally, V. A. Zhalanov, V. P. Konusov - It. v. s uchebyzav., ff.t. 0 no. 6403-100 [66].

## ALKALIES

Determination of denalty and refractive index of center ozonide, V. I. Sokol, V. V. Matveev, I. I. Voltina Izv. AN SSSR, Ser. Jahrn. no. 12:2215-2217 166,

Relationship between the parageneses of alkaline meta somatites in atuminoullicates impover island by the prosome of a detum marocks and the potentials of all dis-A.5 Pavienko, V.1 Kovatenko, Geoklimita un 119

## ALKALING EARTH PHOSPHATES-SOLUBILITY

Determination of activity products of calcium, stre direcand bachim hydrophorphates. A. Kherrosmi, Vik 1 Spitsyn, N. B. Mikhoov. Vest. Mesk. un. Sci. 2: Kidm 21 no 6:85-88 N-D 466.

## ALKALODS

Chemical study of starthistic (Centaures in eviceps  $\Pi(\mu)$ ) alkaloids  $\Pi$ , V, Kurmaz, Farmatsev, zhar,  $\Pi^2$  no,  $\Pi^2$  40-11 [62]

Comparative evaluation of some methods for the forbide of alkaloids from biological material V. P. Kramarer + Farmatsov, thur. 11 no. 2:23-28 '62,

Methodology of the mass selection of the seeds of alkaloid-free white lupine N. A. Mainurian and others Dokl, Akud, sel'khoz, nauk no. 9 5-8 S '68,

## ALKANES see Parafflus

## ALKENES see Olefins

## ALKSNIS, IAKOV IVANOVICII

Soldier of the party. N Shimanov. Av. i kosm. no 1,62. 86 Ja 167.

#### ALKYL CHLORIDES

Machanism of ethylene telomer gration by carbon tetrachloride and chloroform B.A Englin, R.Kh Freidlina, Izv. N SSSR Scr. khim no. 12:2097-2101 '66

#### AUKYLATION

Fluidized bed technology used in alkylation, S.A Sultanov, III. G. Marnedaliev, A. B. Teiterian. Short tud Av NII. NP no. 3.296-305. 58
Thermodynamics of henzene alkylation by propylene. N. A. Smilinova, A. A. Bakhshi-Zade, I. I. Pis'man.

N. A Smirnova, A. A. Bakhahi-Zade, 1.1.1 Azerb, neit khoz. 45 no. II 37-39 N. 466

ALL-UNION COMMUNIST PARTY (BOLSHEVIK) see Communist Party of the Soviet Union

## ALLA VALLEY—NICKEL ORES

Forming a canal with the aid of large-scale phrobint birsting in building the Alla River Mine. I.A. Avdeev. Vzivy dele no 61/81/61-175 '66

#### ALLELOMORPHISM

Distribution and allclism of autosome lethals in two reproduction foci of Drosophila melanogaster population in Uman' (Ukratnian S.S.R.). M.D. Golubovsku Genetika no. 1189-99 '66.

#### ALLERGY

Anthacterial therapy in patients with offer gic reactions, F. A. Goverovich, A. M. Marshak. Sov med. 40 no.1 21 27 Ja. 167.

Characteristics of allergic reactivity of the skin in schizophrenia. Iti. A Illinskii Zhur nevi i psikh 62 no Il 1701-1706 *62

Histochemical and biochemical study of ascorbic acid in experiment it allergy V. P. Nefedov, Arkh pit, 28 no. 12-53-56 %66,

Research on immunity in cutaneous leishmaniasis. Re-port No 2-Local allergic reactions and the survival of Leishmania following administration of Leishmania trapica major to immune persons. O L. Kellina Med. para .i paraz bol 35 no 6.679-686 N-D 66.

Rheumatoids. V. A. Val'dman, Trudy LPMI 17:27-38

Study of early stages of experimental aller are polynomitis Pathomo: phological and immunological characteristics. O. A. Kernsik, V. F. Mcl'nikova — Bink cksp. biol. i med 63 no 1:37-40 Ja 67.

## ALLIUM-THERAPEUTIC USE

Results of treating chronic bacillary dysentery with White a single phytoneides, preliminary report I.B. Otaley, E.K. Anisimova, A.A. Matusova. Shor, nauch trud SOGMI no 10 151-154 161,

#### ALLOTROPY

Viscosity of an allotropic modification of water in quartz capifinities. B. V. Deriagin, N. N. Fediakon, M V Tainev. Dokl. AN 55SR 167 no. 2 376-379 Mr 166

### ALLOY PLATING

Character istics of dissolving certain alloys in hydrochlo-ric acid and effect of cation additions [I.F., Titova, T A Gorbunova, N. P. Podlesniak Zaahch met. 3 no.1-108-111 Ja-F ¹67.

### ALLOYS

Glazov, V. M., and V. S. Zemskov. [Physicochemical pt Inciples of the alloying of semiconductors] Flziko-khlmicheskie osnovy legirovanija polupi ovodnikov Moskva, Nauka, 1967. 370 p

Alloys used in power engineering; a handbook? Fizicheskie svoistva stalet i splavov, primenlaemykh v energetike, spravochnik. Moskva, Energiia, 1967.

New developments in the metallurgy of printing alloys, N.A Filin and others. Poligr. protzv no. 1:22-23 Ja 183

## ALLOYS-CORROSION

Basic prinicules indeveloping corresion resistant alloys. N.D. Tomushoy. Zashch met. 3 no.1,3-19 Ja-F 167.

## ALLOYS-METALLOGRAPHY

[Constitutional diagrams of metal systems, published in 1964] Diagrammy sostoiantia metallicheskikh sistem, quablikovannye v 1964 godu. [By] S. P. Alisova, P. B. Budherg. Moskya, Proizvodstvenno-Izdatef'skii kom-hical Viniett.

binat VINITI,
No.10. Pod 1ed, N.V.Ageeva, 1966, 239 p.

Dilatometric anomalies in textured alloys during '/ transformations, V.I. Zel'dovich, V.D. Sadovskii, I.P. Sorokin, Fiz met.i metalloved, 22 no.6;890-895 D

Fifect of microheterogeneity on critical currents in superconducting alloys. V. IA, Pakhomov and others. Fiz.met.i met.lloved. 22 no.4:640 O 660

## ALLOYS-TESTING

Magnetoacoustical method of studying alloys without destruction of solid specimens. L. L. Miasnikov, R. A. Zvorykina. Defektoskopila 2 no. 5:46-49 'b6.

### ALLYL ALCOHOL:

Allylation of phenois by bifunctional compounds. Report No. 15: Alkylation of m- and p-cresols with alkyl alcohol in a flow system and catalytic isomerization of allyl others of cresols. E.A. Viktorova and others, lzv.AN SSSR, Ser, khim. no. 12:2103-2107 166.

Allylation of naphthalene, q-methylnaphthalene, tetralin, accomplithence biphenyl, and fluorenc by allyl alcohol in the presence of acid catalysts D. A. Gusennov and others Dokl. AN Azerb SSR 22 no 9:39-12 66

Cyanoethylation of allyl alcohol over basic ion evchangers S. D. Mckhtiev. Z. F. Mamedov. O. A Narimanbekov. Dokl AN Azerb-SSR 22 no.9:25-28 66

Hydrogenation of allyl alcohol on platinum and palladium catalysis with polyacryloniti ile as a support D. V. Sokol'skii and others. Kin i kat 7 no 6-1032-1038 N-D 166

Hydr egenation of cyclohexene and allyl alcohol on platina ted silica gels N. M. Dmitrjenko, V. S. Boronin, O. M. Poltorok Vest. Mosk un Ser. 2 Khim 21 no 6:106-Poltorak Ve

#### ALLYL HALIDES

Rote of malecular complexes in hydrobiomination of allyl chloride at temperatures close to 77%. F I IAkovenko, G B Sergeev, M M Rakhimov. Dokt AN SSSR 171 no. 1 890-893 D 166

## ALMA-ATA-RETAIL TRADE-FINANCE

Specialization and its effect. T. Kostenko Nar, khoz Kazakh 21 no 12:80-82 p '66

#### ALMA-ATA-SHOE INDUSTRY-MANAGEMENT

Shoe industry workers work according to the new system. V Tatasov Nat, Phoz. Kazakh 24 no. 11 3-6 N 166.

#### ALMA-ATA PROVINCE-SOWS

Some blood and malk indices of broad sow of Ak-Say black and white group, A IU, Kozhakhmetova Inst fiziol AN Kazakh SSR 10:199-202 *66

#### ALMALYK MOUNTAIN—SELENIUM

Geochemistry of selenum and tellurium in the Almalylore deposits, S T Badalov, S, Ruzmatov, Trudy IMGRE no 4:24-27 '60

## ALMALYK MOUNTAIN—TELLURIUM

Geochemistry of selenum and tellurium in the Almalyk one deposits—S. T. Badatov, S. Ruzmatov, Trudy IMGRE no. 424-27 '60

ALMANACS, CHILDREN'S

[ I want to know eyerythingt] Khochu yse znat't Lenin-grad, Detskata lit-ra, 1966, 320 p.

ALMAZOV, ALEKSANDR MARKOVICH, 1912-1966 n memory of Aleksandr Markovich Almazov, 1912-1966 N. F. Salloikov, F. P. Nekhebina, Gidrobiol, zbur. 2 no 6 88-99 466.

#### AL'MET'YEVSK REGION (TATAR A. S. S. R. )—OIL WELL DRILLING

Zaripov, I. Kh. [Birth of a record; story of deeds and people of the progressive crew of Anatolii Zhurayskii, drilling foreman of Azakayevo drilling office] Roydenne rekorda, rasskaz o delakh i lludakh peredovoi brigady burovogo mastera Aznakaevskol kontory burenita Anatolila Zhurayskogo, Kazan', Tatarskoe knizhnoe izd-vo, 1881, 31 p. (Biblioteka neftianika)

## ALMOND see subdivision under Shiraki Steppe

Measuring the energies of fundamental a-groups in 225Ac BS, Dzhelepov and others, Izv. AN SSSR, Sei fiz 32 no 1151-15J Ja 167.

### ALPHA RAYS—DOSAGE

Dose rate of alpha radiation in the boundary regions of two heterogeneous media with a cylindrical interface G. A. Volkoy. Biul nauch, -tekh.inform, polagion fiz. no. 8/9 13-16 160.

ALPHA RAYS—SPECTRA
Fine structure of a-spectra in the region of rare-coult
elements, V. G. Chamma and others, Izv. AN SSSR, Ses.
ftz. 31 no.1446-150 Ja '67.

## ALPINE FLORA see subdivision under Gissar Range

## AL'SMIK, PETR IVANOVICH, 1907-

Contesponding Member of the All-Union Academy of Agricultural Sciences - Academician of the Academy of Sciences of White Russia, Petr Ivanovich Alfamik N.Dorozhkin - Vest. sel'khoz. nauki II no 12:110 D 186

Petr Ivanavich Al'amik; on the occasion of his 60th birth-day and the granting of the title of the Helo of Socialist Lahor. M. A. Darozhkin. Vestsi AN BSSR, Ser sel'haspnav. no.4:134-135 66.

## ALTAI GOVERNMENT-REVOLUTION, 1917-1921

Role of peasant congresses in the establishment of Soviet rule in the rural areas of the Altal and Tomsk governments. G. A. Kordonskii, Trudy TGU 158:113-124 165.

## ALTAI MOUNTAIN REGION—PEASANTRY

How the Russian peasants exploited the lands of the royal family in the Altai Mountain region in the second half of the 18th century. A.N. Zheravina. Trudy TGU 158:235-243 '65.

## ALTAI MOUNTAIN REGION-REVOLUTION, 1917-1921

Counterrevolutionary role of the regional government of the Karakorum-Altaysk Area during the Great October Socialist Revolution and the civil war. S.IA, Pakhaev, Trudy TGU 158:125-137 '65.

#### A LTAL MOUNTAINS---ANTIMONY

Native antimony in Rudnyy Altal and some new data on diagnostics and conditions governing formation of mineral I M IUdin Min shor, 20 no. 2 221-234 (6)

#### ALTAI MOUNTAINS-CAVES

Karst arches and windows in the northwestern Altai K P. Chermaeva, E L. Artunteva Peghchery no 2 71-75 '61

#### ALTAI MOUNTAINS-GEOLOGY, STRUCTURAL

Character of primary and superposed granite structures in the area of emergence of radioactive hot springs at "Belokurikha" health resort. I.I. Zabolotukova. Trudy TGU 164 105-117 '63,

#### ALTAI MOUNTAINS---KARST

Karst arches and windows in the northwestern Altai K P Chernyaeva, E. L. Artem'eva Peshcher, no 2 71-78 '61

#### ALTAI MOUNTAINS-LAKES

Lake basins of the glacial period in the southeastern Altai Mountains E, V Deviatkin Bial MOIP, Old, gool 30 no 1 159-160 M, Je '61

ALTAI MOUNTAINS—METALS, RARE AND MINOR Characteristic of the distribution of this elements in complex metal deposits in the Zmemogorsk area of the Rudnyy Altar, A A Gazmush Prudy IMGRE no 45-19 '60'

Structural position of the Rudnyy Altai rare metal region. K J Volochkovich Frady MGRD no. 1203-208 '60

#### ALTAI MOUNTAINS-ORC DEPOSITS

Muschketowite ores of Boloretskiy deposit. V.N. Sergeev, Trudy TGU 161:16-53 [63]

#### ALTAI TERRITORY---AGRICULTURE

The party should support the initiative of the members of the Kommonol A Georgiev. Mol kommono 6 13-21 Je 161.

#### ALTAI TERRITORY-CORN (MAIZE)

fields. G r Rudenko. Zemicdene 8 no. 4:77-80 Collective and state farms of the Altai espand their corn-

## ALTAI TERRITORY-EDUCATION, PRIMARY

Akademila pedagogicheckikh nauk BSFSR, Institut obshche-go i politekhnicheskogo obrazovanila. For success in promoting all pupile, from the work practice of teachers of primary grades of the Allai Territory Za rabotu bez vtorogodnikov, iz opyta rabotu uchtelei nachal'nykh kłaskov Altaiskogo krafa. Pod red. M.S. Vasil'evol i T.G. D'iakonovoi. Moskva, Prosveshchenie, 1964. 141 p. (NIC)

## ALTAI TERRITORY-GLACIERS

The so-called ice basins in the Altai E, V. Deviatkin, and others Biul, MOIP Old geol 36 no 3 131-135

#### ALITAI TERRITORY-MACHINERY INDUSTRY-STANDARDS

Every month about standardization. D I. Grechko, Stand, i kach. 30 no 11 81 N 186.

ALTERNATING CURRENT ELECTRIC MOTORS see Clectric motors, Alternating current

ALTERNATING ELECTRIC CURRENTS see Electric currents, Alternating

## ALTITUDE, INFLUENCE OF

Altitude resistance of the organism. N. Artamonov. At I kosm. no. 2 69-70 F 167.

Lang volumes in temporary residents of high altitude areas. K. M. Akhmedov. Biul. elsp. biol. i med. 63 no 1:18-21 Ja '67.

## ALUMINOSILICATES

Hydrogenation catalysts having an aluminosilicate base A V Lozovoi and others. Zhur. prikl, khim 34 no. 6 A V Lozovol and 1200-1208 Je 161

Rélationship between the catalytic properties of aluminosilicate microspherical catalysts and their porous structure. First article. G.A. Gamid-Zade, S.A. Efimova, N.G. Buzova. Shor trud, Az NII NP no. 3 339-348. 158

Relationship between the parageneses of alkaline metaseationship between the paragenesses of sikaline meta-somatities in aliminostificates impoverished by the pre-sence of calcium in rocks and the potentials of alkalies A.S. Pavlenko, V.I. Kovalenko Geokhimia nosii 980-967 [6]

### ALUMINOTHERMY

Lanthano- and certothermic reduction of ytterbium oxide, G G, Gvelesiani, A, A, Nadiradze, Izv AN SSSR Met, no. 1 243-248 Ja-F 167

Reduction of vanadium pentoxide by aluminum. V. I. Musikhin and others. [7v. AN SSSR, Met. no. 1:208-212

#### ALUMINUM

- Determine the Answer of our construction to carrie to the amount of an included sharm no V. I. Funders Zhon pinklihir 34 or 1967-136 34 i n 1367-136d Ti fp1
- he estimated to the rot barrers of aliminatin modic tituen and of vall streeting. E Libitenberger but for 1-lam. 44 and 1250-1291 (Je. 161.
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#### ALUMINUM-ANALYSIS

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#### ALUMINUM-CORROSION

Contestion and in thicks of secting the abun mum she dis-ing of communa atom cobles. A Filter a K.K. it ob-skyl. Zealah met. 3 no laj-91 Ja-F 167.

#### ALUMINUM---LLECTROMETALLURGY

Momining electrolytic collocities in remote ad concrete bottom. V. I. Mar. sh., V. Samodenko. Tsyet inc. 33 no. 3.76-80. Mr. 360.

Anothe consumption in industrial almoinum electrolytic cells A 4 Revazion. The et met. 33 no. 351-54

Russia (U.S.S.R.) Cosgoitchhnadzoi. Safety regula-tions for aluminum electrolysis plants Pravila bezo-pisnosti diri tsekhov elektroliza aliuminifa. Moskva, Nedra, 1966, 35 p.

#### ALUMINUM-METALLOGRAPHY

Y-ray examination of aluminum substructure during crosp V. V Parlow, V. I Shidaev, V T. Shmitov. Fiz nat.: metalloxed 22 no.4 588-600 O '66.

## ALUMINUM-METALLURGY

Interaction of dicalcium, silicate with caustic soch solutions. M. F. Malyshev, P.V. IA-bunan, G.V. Kazari odskata. TSect. met., 34 no. 3-43-51. Mt. 160.

#### ALUMINUM-SPECTRA

Absorption specify it in the vacuum region of vapors of metals in the alumanum group. Part I Thillium and alumanum M. G. Kozlov, F. I. Nicono, a. G. P. Startsev. Opt. I spektr. 21 no. 3-532-537. N. 166.

#### ALUMINUM, STRUCTURAL

Range of use of aluminum structural elements in construction S V Taranovskii, A f, Lubnin Prom-stroi 44 no 12 36-37 46b

#### ALUMINUM ALLOYS

Preparation for wide utilization of aluminum alloys in construction S V Taranovskii Izv ASiA no 3 96-103 161

Studying corrosion inhibitors of alaminum alloys in alkaline solutions and clay suspensions V.F Negreev. A.M Kiazimo/, Z.M.Salam-Zade Izv vys ucheb zav., neft'i gaz 9 no B 111-113 16b

### ALUMINUM ALLOYS-ANALYSIS

ALUMNUM ALLOYS—ANALYSIS

Russia (U.S.S.R.I Komitet standartov, mer i izmeritel'nykh priborov. [Aluminum casting deformable alloys,
methods of chemical analysis] Splavy alluminitevye
litelnye i deformiruemye, metody khimicheskogo analiza GOST 11739-86—11780-66. Izd ofitislal'noe
Moskva [Izd-vo Standartov] 1966. 136 p. (SSSR. Gosudarstvennye standarty)

## A LUMINUM A LLOYS-CORROSION

Inhibitors of the corrosion of aluminum alloys in alkaline water solutions V. F. Negreev and others. Trikly Inst. Phim. AN Azcib, SSR 20:10-22 '64,

Plationship between the corrosion rate of anodized uble alloys based on aluminum and the concentration opper in the alloy. T.V Matveeva, M.N. Tiukina, Pavlo.a Zhur prikl khim 34 no 6:1365-1367

of the corresion resistance of aluminum alloys in a ion of calcium chloride. L.V. Zhuravleva Khol. , 43 no lkill-15 N  $^{6}66$ .

### INUM ALLOYS-ELECTRIC PROPERTIES

rature dependence of the electrical resistance mum in the aging of aluminum alloys. IU I, Paskal' rys.ucheb.zav., fiz. 9 no 6:130-132 '66

### NUM ALLOYS-HEAT TREATMENT

of thermocyclic treatment on properties and strucof alloys containing phases with various coefficients ear expansion. M. L. Khenkin and others Fiz met-ellowed. 22 no.6 806-903 D '66

## NUM-ANTIMONY ALLOYS-CORROSION

of pH on corrosion behavior of aluminum antimony s L. E. TSygankova, V. I. Vigdorovich Zashch. 3 no 1·106-108 Jn-F '67.

lating compressed and bent rods made from aluminum is. B. G. Bazhanov. Stroi, mekh 1 rasch, soor 9 .9-13 167.

#### ALUMINUM BROMIDE

Di-arrangement of the p r -conjugation in aromatic others things omply forming with aluminum brombin 1 P. Romin, F. N. Gullingo a. Dokt ANESSR 171 no 4 277-270. D. bb.

Preconggation energy in atomatic others and heats of Roman and others. Dokl AN SSSR 172 no 19618-621 Ja 167.

#### ALUMINUM COMPOUNDS

Use of initiated spectroscopy in studying active centers of alumino-ilicate calriyst and aluminum 7-oxide
Part I, I A Ignat'eva, R Kh, Khalikova, Zhur, prikl
spickt, 5 no 5,612-647 N '66,

#### ALUMINUM COMPOUNDS-TOXICOLOGY

Toxic effect of aluminum compounds on aquatic of ganisms, M. I. Nekipelov Gidiobiol zhui 2 no. 6 65 68 466.

#### ALUMINUM INDUSTRY

Hole of aluminum in technical progress; from foreign practices TSvet met, 33 no 3:90-93 Mr '60

#### ALUMINUM-MAGNESIUM ALLOYS-HARDENING

Priect of plastic deformation and aging on mechanical properties of Al-Mg alloys. N.N. Belousov and others Fir met i metalloyed. 22 no 6 901-908 D '66.

ALUMINUM ORGANIC COMPGUNDS see Organoaluminum compounds

#### ALDMINUM OXIDES

Thermodesorption of alcohols and ethers from aluminum outde surface. V. I. IAkerson, I. I Lafer, A. M. Rubinshtein, 17v, AN SSSR, Ser, khim no. 1 200-201 Ja 167.

ALUMINUM-SILICON ALLOYS see Silicon-Aluminum alloys

#### ALUMINUM SULFATE

Crysfallization of basic aluminum sulfates. Report No. 2, A. K. Zapoliskii and others. Ukr. khim zhur. 32 no. II. 1322-1227 166.

#### ALUNITE

Basic gallium saits of alunite type, I. V. Ponanacv, V. G. Lurnetson, N. K. Bol'shakova Zhur, neorg khim, 12 no. 157-61 Ja '67

#### AMALGAMS

Gavze, M.N. [Interaction between mercury and other metals and alloys] Vzaimodeistvie rtuti s metallami i splavami. Moskva, Nauka, 1966—157 p.

kinetics and mechanism of decomposition of rare cartiamalgams in neutral solutions E.I. Perov. A D. Laza-renlo, V.V. Serebromokov Trudy IGU 185 151-156

https://doi.org/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.1009/10.100

AMATEUR ART ACTIVITIES see subdivision under

### AMATEUR RADIO STATIONS

CO-U Radio no 11 20-21 N 166

AMBER see subdivision under Ukraine

## AMEBIASIS

Palmonary amebiasis. R.P. Askerkhanov Grad.khit 0 no 1·117-118 Ja-F '67.

## AMERICA—DISCOVERY AND EXPLORATION

How was America discovered. D. TSukernik. Nov mir 38 no. 12 217-2 11 11 162.

The so-called first map of Vinland, M. A. Kogan Izv, Vess, geog. ob-va 98 no 6:460-476 N-D '66.

### AMERICAN DIPLOMATS see Diplomats, American

#### AMERICAN FEDERATION OF LABOR AND CONGRESS OF INDUSTRIAL ORGANIZATIONS

American Federation of Labor and Congress of Industrial Organizations on the international arena, G. Parasova Mir ekon, I mezhdunar, otn. no. 2 98-101 '67.

### AMIDES

Preparation of alkylamides and thioalkyl esters of tertinty (chtoro-substituted) alkoxyarylphosphinic acids. V. K. Khairuffin, M. A. Kuryleva, J. I. Sobeluk. 17v. AN SSSR, Ser khim, no 199-103 Ja '67

Synthesis and some reactions of amide sulfates. A.A Michurin, E. N. Zil'berman, Izv. vys. ucheb, zav; khim, i khim, tekh, 9 no, 5.775-778 [66].

# AMIDES, EFFECT OF RADIATION ON

Photostabilizing action of some sulfur-and nitrogen-containing compounds during ultraviolet in radiation of polyamides, N. N. Pavlov and others. Plast, massy no, 1; 56-58 167.

## AMINATION

Catalytic amination of alcohole. Report No. 1. N. S. Kozlov, I. P. Kirichenko. Uch. zap. Perm. ped. inst. 32:27-32 165. Catalytic amination of alcohol a. Report No. 2 2, 5 Roziov and others, Welt sap Perm ped limit 40 44 40 165

Effect of various fertilizers on amination will man it is tion of a-ketoghitaric acid in homopen are congress and keyes. Soob AN Graz SSR 41 no it wit-keep pri

## AMINE OXIDASE

Activity of cholmosterate and monoaming oxide a of ischemic and nomisch mic segments of the benefit acute stage of myocordial inforct. K. M. M. M. M. (h) or i Bul oken hind i med. 64 no. 1 ii +10. Ja. 407

Adsorption of alighbilic aminos from aqueous estable of deashed activited coal. A, M. Koganowskii, 1. M. L. Chenko, Uki khim zhu ... 32 no 18,127 1244 ton,

Catalytic methylation of amines with dimethyl effect, A Ko Joy, J.A. Shar, G.J. In Petinkov, Web, op Pering 1.1 inst 32,39-13 (65

Preparation of allydated amines from ultrop calling will alreads. N.5. Resloy, N.K. Matseeva, Wich zap Peromed inst. 3240-43-465

Role of hydrogen atom of an androom oup in the much is nism of inhibiting action of amines 1 V. Vasiliev. G. F. Bobikh - Vesti Modean, Sur-2: Kldrov - I mag. G. F. Hobikh V 50-53 N-D 66

Structure of complex compounds of beryllium (0), 1(4)110 with arumonia and aliphatic primary amines, Grigotlev, A. V. Novoselova, Dold, AN 555R 16. 1 312-415 Mi 166,

grants and study of polyamides from glutnish dichor den and arom the diamines. O. IA. I objects and othern. I v. you well b. zavi khim, I bitim, to be, 9, m. 5.764-707, 66

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### AMINO ACID METAHOLISM

Changes in free amino actis in blood serum of growth buffaloes. K. B. Khalimov, N. M. Ribifov – Dokt. Vg. Azerb. 55R – 22 n. o. 9:01-84 – 966

#### AMINO ACIDS

Amino acid composition of grain of whater wheat  $\mu \mapsto \mu$  in well-fertilized note =1, S. Ayandzhian, A. P. Ar  $\alpha \mapsto \alpha$  Biol where Arm. =19 - 0.042, 21-30 D.  1 66

Amino acid composition of the grain proteins of comwinter wheat varieties of Rhybit. Lam. N. N. M. M. L. Lova, N. O. Albumbaeva, Lev. AN Kit., 55H, mo. ' 47' S-O 'b6.

Changes in the activity of alkaline (1.1 ± 1 ) and activity (3.1.3 2.) phosphatosen in macount membraneously described and aroulf intestines as affected by during the 2 25 A. A. Mantsakanian, L. O. Barriotian | Blot et al. Allin 10 no 12 (46-52) D 466

Chemical reactions of primary recoil atoms of  $\Pi_{t=0}$  is secondary high energy displaced atoms of  $\Pi_{t=0}^{2}$  in solid amino acids. I. P. Fri nova. A. Videnkhaft. Rolling khimiia no.6,682~690 '66.

Distribution of amino acids between anythrocyten and plasma in the blood in patients with Lymphog: 0.11 er at sis during radiotherapy. 1, B, P (billiand, M, M, kel 100), P, M, Fiftkova. Med. 13d, 12, no. 1265-87, 1a 164,

Effect of Co, Cu and Mn on micro- and macroclement content in sheep dative M. A. Rozybakley, M. M. Mail kov. Trudy last fiziel, AN Kazakh, SSR 40 101 105 30

Effect of cobalt and manganese on antino acid content is hydrolysate of mixed jules of pancrias and list in sheep, A.V. Prokudin Trady Inst. Historical All Kazais. SSR 10-106-109 168,

Effect of salts on biosynthesis of some sulfur regulation a amino acids in fabra bean leaven W. I She Dokt. AN SSSR 167 no. 2-471-173 Mr *66. N. I. She vintage a

Free amino acids of concorous tumous in lamous atoms: M. N. Tagmizian. Hiol clan . Arm. 19 no. 12/51-57 D '66.

D '66.
Latvias Padomja Socialistiskas Ropublikas Zinaina akademija. Mikrobiologiskais Instituta. [Animo acida; their importance and production possibilities] Animo skabes, to norimo un leguves iospojas. [hy] M. Bekus un citt. Riga, Zinaine, 1966, 46 p. [In Latvian]

Monosaccharides and amino acids in tobacco atoma Par P4 ensiling. V. A. Arntiunian, E. Kli. Azarian Biol Mir. Arm. 19 no. 12/31-38 D '66.

Primary structure of nuclear potyhydrosis virus profein of silkworm. Part 3: C-terminal sequence of antisacids in polyhedral protein. F. A. Kovlov and others.

Ukr. khim. 2hut. 32 no. H:1206-1210 160.

Production of amino acids by micro-organisms in culture fluid and soil. M. (I. Tiagny-Madno. Mika chlabegia 35 no. 6:1026-1032 N-I) 160.

Rapid ultrasonsitive method of identification of N-torminal mino acids in proteins and poptities by recons of thin-layer chromatography. B.G. Belon'kit. 17.8. Gankina, V.V. Nesterov. Dokl. AN SSSR 172 no 1:91-23

#### AMINO ACIDS AS FLLD

Tree amino acid level in sheep rumen A, V, Prokudin, Trudy Inst fiziol AN Kazakh SSR 10 59-62 466

#### AMINO COMPOUNDS

Complex formation of amino derivatives of biphenyl. diphenyl sultide, and diphenyl oxide B, V. Tronov and others Truly TGU 185 3-5 [65.

hydroxylaminolysis of undine diphosphate glucose and some of its analogs NK, kochetkov and others, Dokl. AN SSSR 172 no 3,003-006 Ja 167,

Nitroacidotetrammine compounds of tetravalent platinum.
I A Nazarova and other a Zhur, neor g, khim 12
no 1 137-147 467

Nazarova, I. I. Chemiaev, A. N. Kolesnikova Zhin neoi p. Flam. 12. no. 1. 277-279. Ja. 167

#### AMMONIA

Heretico of scandium and yttrium fluorides with gaseous ammonia V, P Orlovskii, Zhur, neoi g, khim 12 no, 1 20-22 J i 167,

Solubility in the system variadium pentoxide - ammonia - water at 25°C, P. I. Fedorov, L. M. Abulkina, E. S. Razgon, Zhui neorg, khum, 12 no, 1,195-198 Ja 167.

#### AMMONIA-PHYSIOLOGICAL EFFECT

Changes in electrophoretic mobility of brain proteins related to ammonia formation. E. C. Klein, N. V. Graffia, E.G Kurtskhallia, Dokl. AN 989R 171 no 6-

Bonding and tolease of ammonia in brain of white rate subjected to X-1 m madiation A TS, Pikufeu, T, K Asipolyk Vestsi AN BSSR, Ser brid nav no. 1,75-79

#### AMMONIA CRYSTALS

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#### AMMONIUM CHLORIDE CRYSTALS-SPECTRA

Parlin'ski, K. [Dynamics of the ammonium chloride lat-tice] Dinamika reshetki khloristogo ammonila Duhna, 1967. 17 p

#### AMMONIUM FLUORIDES-SOLUBILITY

Solubility in the system NILF - NILFIF2 - II2O at 0°, 10°, 25°, 50°, and 75°C, IU, D. Nekrasov, 15, M. Rych-kova, M. M. Subbotina, Zhun neong, khim, 12 no 1 192-194 Ja 157.

## AMMONIUM FLUOSCANDATE

Ammonium fluoscandates, Il N. Ivanov-Umin, Il N. Susaniaa, A. I. Pzhov zhui meorg, khim, 12 no. 1:24-38 Ja 167.

## AMMONIUM PHOSPHATE CRYSTALS

Electic o-optical and clasto-optical properties of deuterated ammonium diffydrophosphate crystals. A, S, Vasiley - skaja. A, S, Sonin. Fiz. tver tela 8 no.11;3431-3436 N 166-

## AMMONIUM PHOSPHATE CRYSTALS-GROWTH

Some properties of aqueous solutions of NII₄ II₂ PO₄ and ND₄ D₂ PO₄, I., N. Rashkovich and others, Zhur, neary, khim. 12 no.1 62-67 Ja 167.

### AMMONIUM SALTS

Akylihionophosphine sulfides. Report No. 4: Method of preparation of ammonium salts of alkyl-N-dialkyl-amidodithiophosphinic acids. O. N. Grishina, I.A. Sokolova. Izv. AN SSSR, Ser. khim. no. 12:2139-2142 Using centrifugation for removing ammonium salts of benrenosulfonic acids from alkylphenol. M. G. Mitrofanov and others. Nefteper, i neftekhim. no. 8, 18-50-166.

## AMMONIUM SULFATE

Improving the quality of ammonium sulfate. G. P. Koptev. Kors i khim. no 5:38-41 162.

AMMONO IDEA see subdivision under Mangyshlak Peninsula

### AMNIOTIC FLUID

Some experimental data on the so-called amniotic fluid en bolisms. A P.Gol bev, E.IA. Lemberkhskaia, Sov.med. 29 no 10 30-43 O 166.

## AMPHIDIANS

Morphological characteristics of brain evolution in vertebrates. M. F. Nikitsenka. Vestsi AN BSSR. Ser. bijal.

AMPHIDIANS, FOSSIL see subdivision under Orenburg Province

#### AMPHIBOLE CRYSTALS

Relationship between the main isomorphic replacements and some parameters of the crystal structure of amphiboles. I.V. Ginzburg, G. A. Sidorenko, D. I. Rogachev, Trudy Min, muz., no. 12.3-35-61.

## AMPHIBOLES

Genetic classification of deposits and manifestations of anthophyllite-ashestos A. IA Khmara, V. V. Bairakov Dokl AN SSSR 172 no 1-178-180 Ja '67

#### AMPHIBOLES—THERMAL PROPERTIES

Thermoanalytic study of synthetic fiber fluoramphiboles O. G. Chigareva, A. D. Fedosaev, Min. sbor. 20 no. 2 209-223 166.

#### AMPLIFIERS (ELECTRONICS)

Analysis of selective amplifiers constructed as RC micro-structures with distributed parameters V M Volkov, V. P. Popov, Radiotekhnika 22 no. i 27-31 Ja 167.

Calculation of signal distortion in an amplifier with nonuniform frequency characteristic. A M Malliar, Licktrosvisz, 21 no.178-79 Ja '67

## AMPLITIERS, TRANSISTOR see Transistor amplifiers

## AMPUTATIONS OF LEG

Use of Callender's method in the amputation of the hip in vascular diseases. V. N. Milostanov. Ortop., travm. i protez. 27 no. 12-60-62 D '66.

#### AMU DARYA-STREAM MEASUREMENTS

Establishing the water discharge of the Arnu Darya near Kerki, V. I., Shul'ts and others. Izv. Uzb. fil. Geog. ob-va 9:51-65 '66

# AMU DARYA-WATER, UNDERGROUND

Khodziakuliev, LA,A, [Karakum and Amu Darya oll-and gas-bearing areas: hydrogeology] Karakumskata i Amudar'ınskata neftegazonosnye oblasti: gidrogeologifa. Pod red A.A. Kartseva Ashkhabad, lzd-vo Turkment-stan, 1966 218 p.

#### AMU DARYA VALLEY-KAZAKHS

Shalekenov, U.Kh. [The Kazakhs in the lower Annt Darya Valley; history of relations among the peoples of Kara-Kalpakla in the 18th-20th centuries] Kazakhi nizov'ev Amudar'i, k istorii vzaimootnoshenii narodov Karakalpakii v XVIII-XX vv. Tashkent, Fan, 1966. 334 p.

#### AMUR PROVINCE-CANCER

incidence of malignant tumors in Amur Province, IU.S. Grishchenko, Vop. onk, 13 no. 1:86-91 467,

### AMUR PROVINCE-ECONOMIC CONDITIONS

The red line is climbing upwards, A. Kaminskii. Agitator 34 no.4.43-45 f '67.

## AMUR PROVINCE—GEOGRAPHY

[Problems in the geography of the Amur Valley] Voprosy geografii Priamur'ia, Khabarovsk, 1985, 198 p.

## AMUR PROVINCE-GEOLOGY

[Geology of the U.S.S.R.] Geologiia SSSR. Glav. red.
A.V.Sidorenko. Moskva, Nedia.
Vol. 19. Krasnyl, L.I., A.A. Leontovich, and
V.V. Onikhimovskii, eds. [Khabinovski Terrilory and Amur Province] Khabarovskii krai

i Amurskala oblast', Pt.1. [Geological description] Geologicheskoo opisanio, 1986, 736 p, map (insert)

## AMUR PROVINCE-RURAL CONDITIONS

Look what happened to the backwoods! A. Stolbovskii. Agitator 34 no. 4 15 F *67.

### AMUR PROVINCE—SOYBEAN

Wages and the organization of labor in cultivating soybeans on the state farms of Amu. Province. A. F. Cheshkov, L. II Chuksin. Doki, i soob, VNIESKII no. 28:62-72 '65.

## AMYLASE

Blood and urine amylase as an indicator of the functional capacity of the kidneys. IU, N. Kolesnikov, N.G. Koles-nikova. Sov. med. 29 no. il 85-90 N 166.

### AMYLODOSIS

Antigenic composition of anayloid. B. V. Shekkonin. Atkh. pat. 28 no. [2,43-48 166,

Cytochemical diagnosis of amyloidosis, G.A. Dashtaiants Sbor, nauch trud. SOGMI no. 10:45-51 *61

Study of the development of amyloidosis in chronic suppurative pulmonary diseases, G.D. Poliakov. Sov. med 29 no. 11:10-13 N '66,

## AMYLOSES

Electrokinetic properties of iodine-amylose complexes, O P. Kabon, O. D. Kurylenko, Dop. AN URSR no 12-1594-1595 '66,

## AMVLOLVSIS

Quality of substrates used for determining the activity of amylolytic cuzymes. N. G. Cherevko and others. Ferm. 1 spirt, prom. 33 no 1:13-15 '67.

Detecting traces of anabasine in cottonseed oil by gas-liquid chromatography I R Lange, L.N Lishtvanova, M I Gornaev Masl -thir prom 32 no 11 31-35 N 166

#### ANALCIME

Catalytic conversion of 1-ethyl-1-cyclopentanol in the Presence of hydrogen zeolitos and analeime. Kh.I. Areshidze, F. M. Cherkviani, A. V. Dolidze. Soob. AN Gruz. SSR 44 no 2 297-304 N 166

#### ANALGESICS

Effect of large and small doses of analyssics on conditioned reflexes A.V.Valldman. Zhur vys nerv derat 12 no 6 1065-1072 N-D 162

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ANALYTICAL CHEMISTRY see Chemistry, Analytical

## ANAPHYLAXIS

Death from a bcc sting A 1, Shvarts. Sud -mcd ekspert 9 no 4 50 O-D 166

ANA TOMY
L'vovskii gosudarstvennyi meditsinskii institut. [Current problems of functional anatomy of the vascular system, abstracts of reports of the scientific conference held March 25-28, 1966] Aktual'nye problemy funktsional'noi anatomii sosudistoi sistemy, kratkoe soder/hanie dokladov nauchnoi konferentsti 25-26 marta 1966 g. L'vov, 1966, 107 p.

## ANATOMY—CONGRESSES

Resolution of the 7th All-Union Congress of Anatomists, Histologists and Embryologists passed on June 13, 1966, Arkh, anat, .gist i embr. 51 no, 12;81-87 D '66.

Second Conference of Anatomists and Histologists of Bulgaria. N. G. Kolosov, A. A. Milobhin. Arth. anat., gist, i embr. 51 no.88-90 D '66,

#### ANATOMY-TERMINOLOGY

Corrections to the second edition of "Nomina anatomica," Arkh, anat, gist, i embr. 51 no. 12:91-100 D '66,

# ANATOMY, HUMAN

Sauliak-Savyis'ka, M.M. [iluman anatomy] Anatomiia liudyny. Kylv, Rad. shkola, 1966, 322 p.

#### ANATOMY, PATHOLOGICAL

Clinical and anatomical comparisons in rhounatism. K. V. Sokolova. Trudy LPMI 37:171-174 '65.

ANATOMY, PATHOLOGICAL-STUDY AND TEACHING see subdivision under Kazan

## ANATOMY, SURGICAL AND TOPOGRAPHICAL

Surgical anatomy of the attieventricular conduction systern of the heart in defects of the interstrial septum M. N. Umovist. Grad. khir. 8 no 1:62-69 Ja-F '67.

(see also subdivision under Pacific Ocean) Anatopter ne pharao Zugm, I A Polutov. Priroda no, 1 72 Ja 167.

## ANCHORAGE

Device for meering ships. N.I. Al'toyskii. Shor.izebr. v 1 yb. pr om. za 1981 g :103-104,

ANCIENT GEOGRAPHY see Geography, Ancient

ANCIENT JEWELRY see Jewelry, Ancient

ANDALUSITE see subdivision under Savan Mountains.

## ANDIZHAN-WOOD-USING INDUSTRIES

Production of nitroligain at the Andizhan Hydrolysis Plant. B. M. Bobovnikov and others. Gidroliz, i lesokhim, prom. 15 no. 5 17-19 My 162

ANDREEVA, MARIIA FEDOROVNA, 1892-? A beautiful fate. N. Krutikava. Nov. mir 38 no. 10: 254-256 O '62

# ANDREYEVSKIY REGION (KAZAKHSTAN)-STRIP

Influence of fuel consumption on the efficiency of boring with single-nozzle burners. A. V. Brichkin, U. M. Sondiukov. Izv vys. ucheb. zav , gor. zhur. 8 no. 9-51-55 *85,

### ANDROGENS

Effect of ACTH and reduced triphosphopyridine-nucleotide on the blosynthesis of androgens and conticosteroids in the adrenal glands. Size Li [Hsize Li] Probl. endok, i gorm. 8 no. 8;17-23 N-D 462.

### ANDROSTANE

Effect of testosterone propionate and methylandrostane-dial on the secretory capacity of the adrenal glands in rats T.5.Sakhatskala. Probl. endok.i goven. 8 no. 6 12-17 N-D 162

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#### A NGCOGRAPHY

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### ARIMATS, HABITS AND IDJUATION OF

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# ANIMALS, INFANCY OF

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## STENSION BELLEVILLE

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#### ANTIBIOTIC METABOLISM (Continued)

- Distribution of tetracycline and oxytetracycline in the body of Frittens with experimental dysentery K.V Klimov Antibiotiki 12 no 169-7 Ja 167.
- Methodological fundamentals for the determination of kanamyern in organs and its its and study of its dis-tribution in animal body G. IA. Kivman, A. V. Kosolipo-va. Antiblotiki, 12 no. 1 85-50. Ja. 47,
- Methodology of determining concentration of the anti-biotic method P Baranova, N S Egorov Antibiotics 12 no 166-69 Ja 467

#### ANTIBIOTICS

- Antibacter tal therapy in patients with allergic reactions.

  I. A. Govorovich, A. M. Marshik, Sov. mcd., 30, no.1, 21-27, Ja. 161.
- Anthoxic characteristics of antibiotics V.M. Derkach.
  Mikrobiol Jun. 21 no 5 i6-51 '62
- Administration of the resistance of Pasteurella pestis to antibiotics. A. J. Optiakova, I. M. Votona, G. B. Minkov. Thui, mikrobiol., epid i mamun. 41 no. 198-102. Jul 167.
- Dichlorologic derivatives of salicylandide and monohalogen salicylandides, new synthetic antimicrobic substances
  M. M. Returistrov, H.V. Kulyk Dop AN URSR no. 7 955-957 162
- Fflect of antibiotic therapy on the dynamics of blood serum protein fractions in patients with dysentery A. I. Spectorova Antibiotiki 12 no. 1 83-87 Ja 467.
- Effect of some fats on the blosynthesis of antibiotic 255. G. Sheikova, P. Isov, I Georgieva Antibiotiki 12 no 1 10-12 Ja 167
- Mechanism of the action of subornycin, IU.V. Dudnik, G. G. Gauze. Antibiotist 12 no. 1 17-22 Ja 167.

  McFulkov, N. I., and Z. N. McFulkova. [Antibiotics in the Licatment of supporative infections] Antibiotick v terapti gaoinykh infektsii. Moskva, Meditsina, 1966. 254 p. (DNLM)
- Metabolism of pyruvic acid in Protons vulgaris OX₁₀ and its sensitivity to some antibiotics. B, V, IAkoylev Mikrobiologija 35 no 6:987-993 NrD ¹66.
- Methods of internal therapy in ridding vine crops of diseases M.N. Rodigm Trudy KHSKIII 56 3-10 166 Nature of pigment antibiotics of some new species of
- violet Actinomyces (... Z. IAkubov and others. Mikrobiologija 35 no 6:1053-1058 N-D 66.
- Rapid method for determining the constitutity of bacterial cultures to various antihinties in liquid media. M I Levi, I. A. Gorozhankina, L. A. Sagatovskala, Antihiotiki 12 no. 157-60 Ja 167
- Resistant to semisynthetic penicullins staphilococci, isolated from patients, A.N. Shneerson, S.P. Rezvan, Antibiotiki 12 no. 1:60-66 Ja 167.
- Ridding pine seedlings of lodging, N.S. Pogorelová, Trudy KHSKHI 56 86-90 456
- Selection of variants, the biological properties, prepara-tion of truculum of fusidin-producing organism, and the method of determining authiotic activity. V.D. Kuzne-tnov and others. Authiotical 12 no. 1117-17 Ja. 467
- Some practical aspects of the resistance of a pathogen to antibactics, T.B. Gorgiev. Antibiotiki 12 no. 1.87-89
- Structure of alivomyons and chromomyons. 10, A Berlin and others. Ook! AN 55SR 171 no. 4 863-866 D 166.
- Study of the formation by Actinomyces of biologically active substances with a protective effect in lesions caused by radiomine the compounds. N. V. Klitsunova. Antibiotiki 12 no 1,22-26 Ja '67.
- Treatment of offusion pericarditis. M.O. Makhachev. Sov. med 20 no. 10 76-01 O 166.
- Treatment of supparative pulmonary diseases with in-tratracheal introduction of antibiotics, M.A. Kalagova, T.IA. Maelennikova Shor nauch, trud. SOGMI no. 10 169-171 '61.
- ANTIBIOTICS-EFFECT ON PLANTS see Plants, Effect of antiblotics on

## ANTIBIOFICS -- PHYSIOLOGICAL EFFECT

Grawth of mulberry silkworm caterpillars as affected by some antiblotics. V.O Kolybin Dop. AN URSR no. 7:962-965 462.

### ANTIBIOTICS AS FEED

Use of antibiotic stimulators in bee keeping. P. P. Kopanevich. Vost. sel'khoz. nauki 11 no. 12:87-91 '88.

## ANTICOAGULANTS (MEDICINE)

- Effect of phenyline and neodicournarin on the growth of narcorna 180. V. IA, Shats. Vop. onk, 13 no. 1;85-98 '67.
- 167. Thromboembolic complications following operation for portal hypertension and their prevention by means of enticoagulants. S. G. Koniukhov, V. A. Zluraviev, Khirurgita 42 no. 12:16-20 D '66.

### ANTIGENS AND ANTIBODIES

- Antiferments as antibodies. I. V. Domaradskii. Usp. sovr. bio1. 52 no. 1:40-52 Ji-Ag 161.
- Antigente composition of amyloid. B. V. Shekhonin. Arkh. pat. 28 no. 12:43-40 166.

## Antineopiastic autoantibodies in animals with some experimental tumors R D Antoniuk, Vop. onk B no 1 50-64 '67

- Changes in the immunogenic reactivity and morphological teorganization of the lymphoid tissue in various stages of radiation sickness A i Polisk Med rad 7 no 10 51-55 O 162
- 51-55 O 152
  Determination of ABO system intigens in half Report
  No 2 Detection of ABO system intigens following effect
  of ultrasound on half N. N. Acherkan Sud-ined
  okspert 9 no 130-35 O-D 156
- Dynamics of Russel's body formation following antigenic stimulation G.V For alevskin, Dokl. AN SSSR 172 no. 3 709-712 Ja 467
- Moits to detect hungral automathodies in the serum of nats to early stages of calcinogenesis, L. I., Khundanova Vop onk 13 no 1109-110 '67
- Modern methods for isolation of pin c antibodies. R. S. Nezlin. Usp sovi biol. 52 no.119-30 J1-Ag 161
- New variation of antigen and the accolerated method of microscation of complement fixation for the study of paratuber culosis A K, Strogov. Nauch soob IAFAN SSSR no 8 117-123 162
- Relationship between the appearance of C-reactive protein and antibody formation. S. A. Usmanova, M. G. Vilaskova-Polinkova, Zhur, mikrobiol., epid rimmun 44 no 1136-140 Ja. 267
- Serological study of "madness" and the antigenous relationships of the pathogenic agent of this disease with other viruses R S kolesnikova, Nauch soob IAFAN SSSR no 8 125-132 162,
- Some regularities of the course of typhus fever infection of the epidemic and endemic types in guinea pigs. V.F. Ignatovich, Zhur mikrobiol., epid i immun. 44 no.t. 102-107 Ja '67,
- Study of the antigen structure of the globulin fraction from a tissue perfusate of translated dogs. G.M Livitsyne, IU.D Balika. Radiobiologita 2 no 4:590-591 '62'.
- Use of antigenic structure of some Diphyilobothriidae for improvement of their taxonomic position. E. G. Kravts-ov. Dokl. AN SSSR 171 no. 4 1005-1008 D 166.

#### ANTIMONY

#### (see also subdivision under Altai Mountains)

Zonal development of antimony-mercury mineralization. G. M. Ulekhin, I. R. Helous. Zap. Vses, min ob-va 95 no.6:665-673 '66.

#### ANTIMONY—ACOUSTIC PROPERTIES

Giant quantum oscillations of ultrasound absorption co-efficient in antimony. V. B. Kazanskii. A. P. Koroliuk. Fiz.tver.tela 8 no.11;3418-3420 N 66.

## ANTIMONY-ANALYSIS

C.traction determination of arsenic and antimony, K. Minasian, Prom. Atm., 9 no. 1140-42 166.

ANTIMONY-ALUMINUM ALLOYS see Aluminumantimony alloys

## ANTIMONY ISOTOPES—SPECTRA

Studying Y65 and Sp¹¹⁸ radiation. K. A. Baskova and others. Vest. Mosk. un. Ser. 3; Fiz. astron. 21 no. 6; 15-18 N-D '66.

## ANTINEOPLASTIC AGENTS

Study of antineoplastic effect of Newcastle virus. K. D. Eristavi and others. Soob. AN Gruz. SSR 44 no.3 765-768 D '66.

## ANTINEOPLASTIC AGENTS-SIDE EFFECTS

Study of the formation by Actinomyces of biologically active substances with a protective effect in lesions caused by radiomimetic compounds N.V. Klitsunova. Antiblottki 12 no.122-28 Ja '67.

### ANTIOXIDANTS

- Change of some physical and mechanical properties of thin-layer polymor coatings in the process of thermal oxidative aging, V.A.Belyi, L.S. Koretskala, D.A. Rodchonko Lakokras, mst. I lkh prim no. 6 21-22
- Determination of antiovidants in polyolefins by selective extraction. S Juskeviciute, IU. A. Shifapnikov. Plast. massy no 1:54-55 '67.
- Hygienic evaluation of mixture of antioxidants of edible fats of buty hydroxyanisale and propyl gallic acid M Dantiatov Vop pit 25 no. 6 47-51 N-D 166.
- Danisiov vop pit 25 no. 547-31 N-D 165.
  Stabilization of polypropylene with a mixture of carbon black and suffidized ataxic polypropylene. A. A. Dontsov and others. Plast, massy no. 1:8-10 167.
  Study of the effectiveness of inhibitors during the oxidation
- of butyl rubber. P. I. Levin, L. V. Ruban. Kauch, i rez. 26 no. 1,23-24 167,

## ANTIPHLOGISTICS

Synthesis of cis-9-pentadecenoic and cis-9-heptadecenoic vanish of their antithhlogistic effect, V. A. Vaver, V. V. Dorogov, V. D. Bergel'son. lzv. AN SSSR, Sor. khim. no. 12:2241-2242 '66.

## ANTIRETICULAR CYTOTOXIC SERUM

Use of small doses of antireticular cytotoxic serum for increasing the weight of fattened swine. A, V, Ozerov, B, A, Voskresenskii. Dokl. TSKHA no. 45:137-141 '59.

#### ANTISEPTICS

Chloride and calcium changes in blood in patients operated under intravenous thiopental-alcohol nancosis MI. Hain Vestsi AN BSSR, Ser brial nev. no. 3,87-90 '66

#### ANTRUM-TUMORS

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#### AORTA

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#### AORTA—CALCIFICATION

Mechanism of calcinosis of the acrite media R I Sokolova, Arkh pat 28 no 12 7-10 466.

#### AORTA-DISEASES

- Case of total atresia of the aortic arch with concomitant defect of the interventricular septum and patent ductus arteriosus L.S. Zugerman, I I Rasulova Grud khir. 9 no 1:110-111 Ja-F 167.
- Neurological syndromes in lesions of the acita, N.K. Bogolopov, L.G. Elokhina, Zhur nevi i psikh 62 no li 1668-1673 '62
- Significance of X-1ay examination methods in the diagnosis of acutic valve insufficiency IU, S. Petrosian, E. I. Kunina, G. T. Golikov, Vest. rent i rad, 11 no. 6:11-16 N-D '06.
- Sun gical treatment of coarctation of the acrta in early childhood V.I. Frantsevand others. Grud.khi. 9 no.1:7-9 Ja-F '67.

#### AORTA-INNERVATION

Development of afferent structures of human aorta in prenatal ontogeny M. S. Gan'shina. Dokl. AN SSSR 172 no.1;242-245 Ja 167

Morphology of postnumous changes in the neural apparatus of the actic arch. E. B. Khademan Biul.eksp.biol i med. 63 no.180-92 Ja '67

#### AORTA—RADIOGRAPHY

X-ray examination of the acita in tuberculous spondylitis, M. M. Zagorodskaia. Vest, i ent, i rad. Il no. 6, 20-23 N-D '66.

#### AORTA-SURGERY

Simultaneous approach to aortic and mitral valves; anatomical study. A. M. Bagirov, A. S. Antipovich Grud, khir. 9 no 1-21-25 Ja-F '57

## AORTIC ANEURYSMS

Case of plastic surgery using capron in ancurysm of the abdominal acrts. N. N. Volobucy. I. A. Ivanchenko. Grud. khir. 9 no 1:115 Ja-F '67.

### APARTMENT HOUSES

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- Architecture and industrialization of residential construc-tion; at 3d Plenum of Administration of Council of Architects of U.S.S.R. Arkhit, SSSR. no. 1:6-26 '67.
- Elements of large-panel apartment houses in the Czechoslovakian Socialist Republic, A. Lauko, A. Kratokhvila, Bet I zhel -bet no 12 563-568 D '61
- Improvement of the elements of large-panel apartment houses. A A.Shishkin. Bet, i whell -bet no. 12-531-536 D '61.
- A PARTMENT HOUSES-DESIGN AND CONSTRUCTION (see also subdivision under Cherepovets, Vologda Province, Chita; Leningrad; Moscow; Orel; Yugoslavia)
- Economic evaluation of design features of apartment houses. G. Fedorov, N. Lazareva, Arkhit, SSSR, no. 1: houses, G 27-30 '67.
- Experimental apartment, M.Z. Villner, Stroi, i arkhit, Len, 28 no. 5:17-19 My 166 On the basis of a mastery of technology; development of complex series of large-panel apartment houses of five, nine, twelve, and sixteen stories G Pavlov. Studi, arkhii, Mosk, 15 no. 7:1-8 Jl '65
- 1.335A; improved series of standard designs. P.F. Kozlov, Stroi, iarkhit. Len 28 no 7 24-27 Ji 165,

# A PARTMENT HOUSES-HEATING AND VENTILATION

- Basis of provisional directions for designing improved ventilating systems for apartment houses. V. E. stantinova. Sbor. trud. NIST no 13 88-100 '62.
- Study by the hydraulic analog method of air changers in apai tment houses with spartment systems of air heating S. P. Trebukov. Shor. trud. NIIST no 13-123-127 '62.
- Testing systems of ventilation with exhaust from starrwell, S. B. Trebukov. Vod, i san, tekh no ll 31-32 well. : N '60.

#### APARTMENT HOUSES-MAINTENANCE AND REPAIR

Precast roofs for major repair of apartment houses M. V. Gordanovskii, N. N. Gubonin Gor kho? Mosk 35 no 12 14-15 D 161

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#### APOPLEXY

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## APOSTLES

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Which petitions for the supervisory review of judicial decisions should be accepted by the Supreme Court of the R S F S R, ? N Lenskyia Sots zikon 48 no 7 66-67 J1 161

#### APPELLATE PROCEDURE

Forms and methods of the public prosecutors' supervision of the observance of laws in appellate procedure. A, A Kostakov. Vest EGU 21 no. 23,117-127 '66,

#### APPENDICITIS

Acute appendicitis, extrauterine pregnancy and ruptutes of the ovaries IU A Muromskii and others Abiturgita 42 no. 12 76-81 D '66.

Vasculovogetalive disorders based on thermometric data in patients with appendicitis [U, M Volobuev, Prudy Turk, nauch -issl inst, klim , kur, i iiz, nicted lech 8 lil-18 '65

#### APPENDIX (ANATOMY)—DISEASES

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#### APPLE

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## APPLE-DISEASES AND PESTS

(see also subdivision under Kharkov Province)

Effect of cystershell scale on the population of apple with apple clear wing moths G.B Sapaley Trudy KHSKIII 55:132-133 '66.

Monilia scald of apple eliminated. D. Rykov. Zasheh. iast. 12 no.1;43  $^{\rm f}67,$ 

Possibilities of the use of growth promoting substances in protecting apple from black 10t, V. P. Pilkhod*ko, Trudy KEISKHI 56,72-77 166

## APPLE-VARIETIES

Effect of clonal variability on the yield of common Antonovka apple. V. M. Kolontaev. Vest, sel'khoz, nauki ii no, ii 57-59 '66,

APPLE SCAB see subdivision under Kharkov Province

### A PPROXIMATE COMPUTATION

Conditionality in general computational problems. Lubuch. Dok! AN SSSR 171 no. 4 791-793 D 766

On the practical use of a new approximation method, M. A. Ateksidze, Dif. urav. 2 no 12 1625-1629 D '66,

APRICOT see subdivision under Soviet Central Asia

# APSHERON ARCHIPELAGO—CURRENTS (HYDROLOGY)

Currents in the Apshcron and Baku Archipelagoes, T.l. Furman. Trudy Azerb, geog, ob-va 3'154-161'66.

## APSHERON PENINSULA-DREWITES

Drewite in the sediments of the Apsheronian stage of the Apsheron Peninsula, A.G. Aliev, T.M. Gadicva, Dokl. AN Azerb.SSR 18 no. 3 35-38 '62.

### APSHERON PENINSULA-GAS FIELD BRINES

Causes of hydrochemical inversion in producing layer of Apsheron oil- and gas-bearing area. Sh. F. Mekhtiev. M. Z. Rachinskii. A. R. Akhandov. Dokl. AN Azerb. SSR 22 no.9;57-61 66.

## APSHERON PENINGULA-OIL FIELD BRINES

Causes of hydrochemical inversion in producing layer of Apsison oil- and gas-hearing area. Sh.F. Mekhtiev. M. Z. Rachinskii. A.R. Akhundov. Dokl AN Azerb. SSR 22 no. 9:57-61 '66

## APSHERON PENINSULA—PETROLEUM GEOLOGY

Geological development of structures of Grynzevny; Sopka in Middle Pliocene Age Dineft khoz 15 no 115-7 N 66. D G Dzh Jilov

# APSHERON PENINSULA REGION-GEOLOGY, STRUC-

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# APSHERON PENINSULA REGION-SCISMIC PROSPECTING

New seismic prospecting data on tectonics of western part of Apsheron-Balkhan anticlinal zone A.R. Kuiieva, B. D Trebukova, Azerb, neft khoz, 15 no 11:15-16 N

#### APTER, IAKOV NATANOVICH

LAkov Apter. A. Shister. Iskusstvo 29 no. 12-15-46 '66.

#### AQUARIUMS

Fish food IU Gerbov, Sem'ra i shkola 21 no. 7:52 Jl '66

#### AQUATIC SPORTS

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#### AQUATION

Kinetics of aquation of trans-dichlorodiethylenediaminechromi chloride IU. I. Bratushko, IU. P Nazarenko, Ukr. khim. 7hur 32 no. II:II54-II59 166.

AQUEDUCTS see subdivision under Virgin Territory

#### ARABIC LANGUAGE-TERMS AND PHRASES

Taxation terms in the work of al-Baladhuri T. M. Sipenkova. Palest. shor. no. 15:148-151 '66

ARABIC MANUSCRIPTS see Manuscripts, Arabic

#### ARABIC STUDIES

Bartol'd, V.V. [Works] Sochbuenila. Moskva, Nauka,
Vol. 6. [Studies in the history of Islam and the Arabian Caliphate] Raboty po istorii Islama i Arabskogo khalifata, 1866, 784 p.

## ARABLINSKII, GUSSCIN MAMED, 1881-1919

Some materials on biographics of U. Gadzhibekov, G. Arablinskii and A. Azimzade A. G. Sarabskii Dokl AN Averb SSR 18 no 3.73-76 '62

ARAGONITE see subdivision under Cherdyn' District

### ARAGVI VALLEY—BRECCIA

Age of block breedas and conglomerates of Aragvi basin. Sh. A. Adarptia. D. G. Akhylediani. Soob. AN Gruz SSR 44 no 2:337-340 N 66.

### ARACVI VALLEY-FUNGI

Review of mycoflora of Aragva Valley I. K. Mutvanishvili. Soob. AN Gruz SSR 41 no 2:425-432 N '66

### ARAGVI VALLEY-GEOLOGICAL TIME

Age of block breceiss and conglomorates of Aragvi basin Sh. A Adamita, D. G. Akhylediani. Soob. AN Gruz. SSR 44 no. 2;337-340 N 66.

### ARAL SEA

What will happen to our internal seas? Caspian and Arat Seas and irrigation problems V. N. Kunin. Privoda no. 1.36-46 Ja 167,

### ARAL SEA-COAST CHANGES

Lymarev, V.I. [Coasts of the Aral Sea, inland reservoir of an arid zone] Berega Aral'skego moria - vautrennego vedecma aridnei zony. Leningrad, Nauka, 1967. 251 p.

### ARARAT PLAIN-EGGPLANT

Fertilization of eggplant (Solamum melongona), S.G. Mikaelian, Biol. zhur, Arm, 19 no. 10 34-12 O 166.

## ARARAT PLAIN—SOIL BIOLOGY

Enzymatic soil activity in Ararat Plain. A Sh. Golstian, Z. S. Avundehlan. Biol. zhur. Arm. 19 no. 10.14-22 O *66.

## ARBITRATION AND AWARD

Aleksandrova, K. I. Practice of the Maritime Arbitration Commission in the examination of disputes arising from shipping goods by seal Praktika morskoi arbitrazinnoi komissii po sporam, vyteksiushchim iz perevozki gruzov morem. Moskva, Transport, 1986, 55 p.
Correction and amendment of the rules which regulate the

evamination of business conflicts in arbitration agencies, Sov. gos. i pravo no.1.133-134 Ja '07.

Correlation between the rules of substantive law and arbitration procedure, P. V. Loginov. Sov. gos. i pravo no. 1:07-101 Ja '67,

Decisions of arbitration agencies. Sots, rakon, no. 2: 89-00 F '67.

Decisions of arbitration agencies. Sov. inst. 30 no. 24: 29 D 166.

Decisions of the State Arbitration Agency attached to it council of Ministers of the U.S. S. R. Soth Caken, 11 no 7 81-93 JI 161.

no 7 91-94 31 '01.
New ways of the administration of the national economs require an increased tole of arbitration agencie;
P Abova, Sots, zakon, no 2 49-41 F 464.

r abova. Sots, zakon, no 2/49-41 ft 467.
Practice in the implementation of Article 3/45 and 96 of
the rules which regulate the examination of landing 1/
conflicts in arbitration agencies. Sov good for wo
no.1134-135. Ja 467.

ARBORS AND MANDRELS
Releasing mandrels Stifeonov Stand, ileach 16 no 9 31-72 S '66,

ARCHAEOCYATHIDAE see subdivision under Tusa A. S. S. R. ARCHAEOLOGICAL RESEARCH see subdivision under

White Russia

ARCHAEOLOGY see subdivision under Maritime ler-1lto1v

ARCHAEOLOGY-BIBLIOGRAPHY see Bibliography . Archaeology

#### ARCHANGEL-EDUCATION, COOPERATIVE

A friendship between a school and an industrial plant K. N. Var folomeev. S. P. Groshev. Shkol i I pade. 10 no 12:25-26 D '66.

#### ARCHANGEL PROVINCE-FORESTRY RESEARCH

From the history of experimental work in forcetty in the north. V. I. Kashin. P. I. Volchall. Leveys and hebreur, lesezhur. 9 no. 61/72-174 [66].

#### ARCHANGEL PROVINCE TREES ORAFING

Methods and dates for grafting scients on place, aprince, and larch in the notinent talga vone of forests in Arci in gel Province. L. A. Lishov, T. D. Boltaova. 127, v, a webob. 20v.; les. 20m. 9 no. 6:180-201 966.

#### ARCHANGEL OIL FIELD-PETROLDUM GLOLOGY

At changel oil field, and prospecting problems of new oil-bearing region. M. I. Ostrovskii, V. A. Sarthesin, G. D. Sevon'ko. Geol, nefti i gaza 10 no. 1246-11 D 66.

#### ARCHES

Use of the regularization method in the calculation of arch dams. V. A. Morozov, V. F. Ivanishalas, Vy. 1, met. i p. og. 5;171-186 466.

### ARCHITECTURAL ACOUSTICS

Man'kovskii, V.S. [Acoustics of studios and halls for audio reproduction] Akustika studii i zakov olit zvuto. vosproizvedenila. Moskva, Iskusstvo, 1968. 371 p.

ARCHITECTURAL AND DECORATIVE LIGHTING HER Lighting, Architectural and decorative

## ARCHITECTURE

(see also subdivision under Europe, Western; Hungary)

According to the laws of expediency, hygiene, and leasts Stroi, i orkhit Len. 28 no. 7 36 Jl 186.

Architecture and industrialization of realization contains the down at 3d Plenum of Administration of Connectifue Architects of U.S.S.R. Arkhite. SSR. and his transfer of architecture. A. Mikhaflov. Arkhitecture. (A. Mikhaflov. Arkhitecture.)

In the Presidium of the Academy, E. L. Compe. 174. ASIA no. 3:124-126 [6].

ARCHITECTURE—BIBLIOGRAPHY see Dibiliography Architecture

### ARCHITECTURE—CONGRESSES

Third Congress of Architects and the science of tan struction and architecture, G.A. Shemiakin Iz- Aux no. 3:3-8 'G1

# ARCHITECTURE-DETAILS

Decorative finishes for buildings. P. F. Shilishland Put'i put khoz. 10 no. 0:34 '06,

(see also subdivision under Daghesian; Khuburuvsk; Moscow; Tuia)

Collecting and studying the documentary materials of underground movements. I. P. Kondranov, Sor and no. 5:71-74 166.

Explicitness and clarity of purpose in the acquisition of archival materials. D. T. Subbotin. Sov. ackin. 100 5 29-33 106.

An international forum of archivista. Cl. A. Beine, F. arkh. no. 5:80-99 188.

## ARCTIC OCEAN-SUBMARINE GEOLOGY

Underground mid-Arctic range and its place in system '! ranges in Arctic Ocean, A.I. Rassochio and others, Dokl. AN SSSR 172 no. 3:659-662 Jn 167.

## ARCTIC REGIONS

Obruchev, V.A. [Plutonia, Sannikov Island] Plutantis, Zemlla Sannikova, Moskva, 1958. 638 p. (fillbliefeks prikliuchenii)

## ARCTIC REGIONS-SOIL MICRO-ORGANISMS

Features of the marroflorrat Arctic soils. N. N. Sushkm : Pochrovedenc no 157-67 Ap 160.

#### AREA MEASUREMENT

[Radiogeodelic works in grophysical sm veys, a practical manual] Radiogeodezicheskie raboty pri geofizicheskikh stemkakh, praktich skor posobie Moskya 1985 223 p.

#### ARGENTINA-COMMUNIST YOUTH

We have to struggle, Mama. " Isolina Mendes. Mol. komm no. 1 12-15 '66

#### ARGON—PURIFICATION

Removal of oxygen impurity nom argon on synthetic colites G A. Golovko and others Soob, AN Gruz 95R 11 no 2,289-296 N 66

#### ARGON-POTASSIUM DATING see Potassium-argon dating

#### ARGUN' VALLEY-STEPPES

Central Asian type of steppen in the south of Eastern Stheetie, N.S. I dyper, Lev Urb. fil. Geog. ob-va 9:79-77 '66:

#### ARID REGIONS

Lymacev, V.I. [Coasts of the Aral Sea, inland reservoir of an arld zone] Berega Aral skogo moria - vnutrennogo vodoema aridnoi zony. Leningrad, Nauka, 1987. 251 p.

## ARID REGIONS-RESEARCH

Vinogradov, B. V. [Act lal methods of studying vegeta-tion in artid zones]. Accommetody izuchentia rastitet nosti artidnykli zon. Moskva, Nauka, 1966—360 p

Aristotle and present-day economic theory. A. V. Anikin. Vest, they, let no. 1-40-53 thb.

Critical review of the bourgeois distortions of some Mews of Aristotle, D. D. Stoliarov Nauch trudy Tashfill no 279 13"-147 465

## ARITHMETIC-STUDY AND TEACHING

Raising the level of theoretical mathematics instruction, M. I. Moro Nach, shkota 35 no 127-30, 13 Ja 467.

#### ARLAN OIL FIELD-DIESEL FUELS

I sperimental production of diesel fuel and sulfides from Arian petrofeum by selective extraction of sulfides. R Prova and others Nefteper, i neftekhim no. 10

#### ARLAN OIL FIELD—OIL FIELD FLOODING

Causes of well drowning in Arian oil field A. A. Gaivoron-ablis Neft khoz. 44 no.10:40-51 O 466.

#### ARM-FRACTURE

(inematameter table for the upper exitenity, IU, P, Folcanitov, Ortop., travm, I protez. 27 no. 12:61-66 D '66.

## ARMAYIR-COURTS

the they read the materials of criminal cases in Armavir? S. Lamashakin, Sota zakon, 18 no 1 67 Jt. 181,

## ARMENIA-ACOUSTICAL MATERIALS

l'acing soundpront lites made of local raw materials, S Martiresian Prom Arm, 9 no.11:34-37 '66.

## ARMENIA--ALGAE

Blue-green algae of Armenton S.S.R. N.N. Tambian. Blot. claut. Atm 10 no. 10 66-50 O 186.

## ARMENIA-ATHEISM

lly the walls of Februardzin, G. Mkrtchian, Hibliotekar 44 no. 2:26 F 161.

## ARMENIA—BEE FLIES

Villa ventruesa Lw. (Diptern, Hembyliidae), parasite of In vac and pupae of hornoffice (Diptern, Tabunidae) in Armenian S. S. R. V. F. Zaitsey, A. E. Terterian, Biol-zhur, Arm. 19 no.12:84-89 D 166.

### ARMENIA-BEETLES

Review of Armenian representatives of the genus Phytonomus Schönh, with description of a new species (Colcoptera, Curculionidae), S. M. IAblokov-Khnzorian Biol, Zhui, Alin. 19 no. 10 65-91 O 166.

## ARMENIA-BONUS SYSTEM

Changes and supplements in the regulations on wages and bonuses for workers. Prom. Arm. 9 no. 1179-80

## ARMENIA—CHEMICAL INDUSTRIES

Development of the cyanamide industry in Armenia, G. Isalan, I, Buehney, Zh, Gasparian. Prom. Arm. 9 no 11-53 '66.

# ARMENIA—COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

Kommunisticheskala partila Armenti, S'ezd 24, 1006.
[Resolutions of the 24th Congress of the Communist Party of Armenia] Rezolutisti Erovan, Aiastan, 1966.
33 p.

# ARMENIA-CONSTRUCTION INDUSTRY-MANAGE-

Daveloping a production base for construction, 5, Aivazina, Prom. Arm, 9 no. 11:18-19 '66.

## ARMENIA-ECONOMIC ASSISTANCE, DOMESTIC

With the help of the rural intelligentsia Part zhizni no 162 F 167.

## ARMENIA-FOOD INDUSTRY

Live-very plan for the food industry. S. Tevosian. Proin Arm 9 no.11 6-7 466

ARMENIA—GEOLOGY, STRUCTURAL
Location of the Varidents-Dehermuk belt in the Mishban-Zangezin tectoms "one 5 Sulcinamian, Prom Aim" on 11,29-31 (56).

## ARMENIA-INDUSTRIAL CAPACITY

Introducing production capacities B. Egiaratian Prom., Aim 9 no. 11 25-27 '66

## ARMENIA-INDUSTRIAL MANAGEMENT

Accounting is an argent problem. Prom. Arm. 9 no. ii 77-78 '06.

## ARMENIA-LEPTOSPIRA

Pathogenicity of a Leplospii a strain isolated in Armenia for various animals - Zh R Arzumanian - Zhur mikrobiol., cpid, i immun, - 44 no 1-151 Ja '67

#### ARMENIA-LIBRARIES

Pride of Armenia. A. Pirabian. V mile knig 6 no. 6 12-13 Je 166

ARMENIA—MACHINERY INDUSTRY—MANAGEMENT Machinery industry; outlook and planning, M Kasian, Prom Arm. 9 no. 11 65-66 '66'

#### ARMENIA-PALEOBOTANY

Correction of the list of Sarmatian flora of Armenia according to I V Pulibin's work "Materials on Tertury flora of Armenia" N G Gokhtuni Biol, rhur, Arm 19 no, 10 101-104 O '66,

#### ARMENIA-PARASITES-HORSEFLIES

Villa ventruosa Lw (Dipter a. Hombylidae), parasite of larvae and puppe of horseflies (Dipter a. Tabanidae) in Ai menian S.S.R. V.F. Zaitsev. A.C. Terterian Biol. Ahur Aim 10 no.12 84-89 D 666.

#### ARMENIA-PARLASITES-REPTILES

Materials on blood parasities in reptiles of Armenia, Z A Mkitchian. Biol Thur, Arm. 19 no. 10 92-100 O 166.

#### ARMENIA-POLITICS AND GOVERNMENT

Armenian S.S.R. Verkhovnyl Sovet. [Meetings of the Sixth Supreme Soviet of the Armenian S.S.R., seventh session, December 22, 1965 Verbatim report] Zasedanika Verkhovnogo Soveta Armianskol SSR shestogo sozyva, sedimala sessiia 22 dekabria 1965 g. Steno-graficheskii otchet. Erovan, Izd. Verkhovnogo Soveta Armianskoi SSR, 1966. 204 p.

## ARMENIA-POLYMERS

On the road of technical progress. A. Bard'ian, Ptom. Aim 9 no. 11:67-68 '66.

## ARMENIA-RESERVOIRS-MICROBIOLOGY

Hydrochemical conditions and microflora in reservoirs of Aimenta, M. E. Gambarian, Biol zhan Acro, 19 no.12: 77-83 D | 66

## ARMENIA-RUSSIAN SOCIAL DEMOCRATIC PARTY

Forming of the Caucasian League of the Russian Social Orning it the Party and the men ging of the League of the Armentan Social Democrats, K K Mamikonian, Vest, obshehesty, nauk AN At m. SSR no. 4:3-9 Ap '66.

## ARMENIA-SALMONELLA INFECTIONS

Toxin infection by Salmonella zanzibar, A. O. Mirzabekian, S. T. Mnatsakanov Vop pit. 25 no. 6,71-75 N-D 166.

## ARMENIA—SEPTORIA

Additional data on distribution of Septoria species in Armenia, D. N. Tetercynikova-Babsian, S. A. Simonian, Biol zhur, Arm. 19 no. 10:3-13 O 168.

### ARMENIA-STONE

Using ultrasonic techniques in artistic treatment of ornamental stones, 1, Ter-Azar'ev, P, Suvalian, V, IUrkelevich. Prom. Arm. 9 no. 11:58-58 '66.

## ARMENIA—TECHNICAL SOCIETIES

Promoters of technical progress. D. Schol', Prom. Arm. 9 no. 11.7-8 '86,

# ARMENIA-TECHNOLOGICAL INNOVATIONS

News from plants, factories and construction sites, Prom. Arm. 6 no. 11:87 '06,

Facing soundproof tiles made of local raw materials, S. Mai tirosian. Prom. Arm. 9 no. 11:34-37 166.

## ARMENIA-TOBACCO

Chlorophyll metabolism intobacco leaves as related to their arrangement levels. N.E. Zakarian. Biol. zhur. Arm. 19 no. 12:70-76 D '66.

## ARMENIA-TOBACCO-A NALYSIS AND CHEMISTRY

Monosaccharides and amino acids in tobacco stems during ensiting. V. A. Arutimian, E. Kh. Azartan. Biol. zhur Arm. 19 no. 12:31-38 D 166.

#### ARMENIA---TOMATOES

Effect of culture filtrates of some initrosphere tungi on tomato growth Dzh G Abramian Biol zhui Arm 19 no 10 13-50 O 195

## ARMENIA-VINYL POLYMERS

Via.1 acetate is on the agenda, M. Romanenko, Piuni Arm. A no 11 76-77 666

#### ARMENIA--VOLCANIC ASH, TUFF, ETC --CLASSIFI-CATION

Chassification of Armenian tuffs by solid inclusions, A Danielian, Prom. Arm 0 no ll 13-15 '66

#### ARMENIA-WAGES

Changes and supplements in the regulations on anges and bonuses for workers. Prom Arm on oil 79-80

#### ARMENIA-WHEAT-FERTILIZERS AND MANURES

Amino acid composition of grain of vinter wheat grown in well-furtilized soil FS Ayundzhian, A. P. Asmaeya. Biol zbur Arm. 19 no.12:21-30 D

## ARMENIA IN LITERATURE

[Armonia in Briusov's poetry] Almeniia v poezii Bliusova. Elevan, Alastan, 1966. 38 p.

## ARMENIAN LANGUAGE-ADJECTIVE

A method to classify the adjective and adverb in the Armenian language E B, Mirakian Vest obshcheatv. niuk AN Aim SSR no. 4 83-90 Ap 166

## ARMENIAN LANGUAGE-ADVERB

A method to classify the adjective and adverb in the Armichian language, E B Min akian Vest, obshchestv nauk AN Arm, SSR no. 4 83-90 Ap 166.

#### ARMORED TRAINS

A battle between an armored train and fascist bombers, A Kosonogov, Voen, -ist, zhur 9 no 1:73-74 Ja '67,

## ARMORED VEHICLES, MILITARY

Along military highways (conclusion) N. Strakhov. Voen. -ist zhur. 9 no 1.63-72 Ja 167.

## ARMS AND ARMOR

Kirpichnikov, A.N. [Ancient Russian weapons] Drevne-lusskoe oluzhie Moskva, Nauka. Nos 1-2 1960 2 v (Arkheologita SSSR, E1-36) (CSt-H)

#### ARNAUTOV, VASILII VASIL'EVICH, 1892-1986

Vasilii Vasil'evich Arnautov, an obitumry. Vest. sel'-khoz. nauli 11 no.12 128 D '66

#### AROMATIC COMPOUNDS

Disarrangement of the  $p_{\pi}$  -conjugation in aromatic ethers during complex forming with aluminum bromide L.P. Romin, F. N. Gur'innova, Dokt, AN SSSR 171 no. 4:877-878 D '66.

Reactions of hydrogen atoms in the system H2O + H2SO4 + FeSO₄, Part 4 · Reactions with atomatic compounds N. M. Bazhin and others. Kin 1 ket 7 no. 6:999-1006

Role of ionic states in photosonsitized two-quantum reac-tions of aromatic compounds at 77° K. B.N Shelimov and others. Dorl. AN SSSR 172 no 3 655-658 Ju 167.

### AROMATIZATION

Catalytic dehydrocyclization of alkylenilines. A. P. Polia-kov and others. Vest. Mosk un. Ser. 2 Khim. 21 no. 6; 92-94 N-D 66.

ARSEN'EV, VLADIMIR KLAVDIEVICH, 1872-1930 With Arsen'ev through the talga, S. Kumkes, Knizh, torg, 17 no. 11:33 N '86,

### ARSENIC---ANALYSIS

Extraction determination of arsenic and antimony, K. Minasian, Prom Arm. 9 no 11:40-42 '66,

## ARSENIC ACIDS—SPECTRA

Vibrational specira of organoarsenic compounds, Report No. 3: Infrared absorption specira and Raman spectra of the sories of cyclic esters of trivalent arsenic acids, R.R. Shagidellin, T.E. Pavlova, Izv. AN SSSR, Ser, khim. no.12,2091-2096 '66,

### ARSINE

Synthesis and structure of some arsinimines, B.D. Chernokal'skii and others. Izv.vys.ucheb.zay; khim.i khim.tekh. 9 no.5'768-774 '66,

#### ART

Art life in the Soviet Union. Iskussivo 29 no. 12-76-79 78 '68.

Foreign review. Iskussivo 29 no. 12:73-75 '66.

Mikhallova, A. A. [Conventional nature of art] O khu - dozlesivennol uslovnosti. Moskva, Mysl', 1968. 317 p. [World history of art in six volumes] Vseobshchata

latorija iskussiv v shesti tomakh, Red. kollegila: B.V. Velmarn i dr. Moskva, Iskussivo. Vol. 6. Vetmarn, B.V., and U.D. Kolpinskii, eds. [Art of the 20th century] Iskussivo 20 veka. Book 2, 1966, 407, exty p. illus.

#### ART-EXHIBITIONS

Touring exhibitions V N Loginov Trudy NVkHPU no 2 204-208 62.

#### ART, ABSTRACT

Pimenov, IU.I. [Art of life or art of nothing] Iskusstvo zhizuf ili iskusstvo nichego. Moskva, Iskusstvo, 1960. 57 p. illus. (MH-FA)

#### ART, AFRICAN

[African ait] Iskussivo Afriki, Moskva, Nauka, 1967. 100 p

#### ART. BAROQUE

hart, Barcogue.

Institut istorii istusstv. [The Renaissance, Baroque, and Classicism, the problem of style in West European art of the 15th-17th centuries] Renessans, barokho, klassitsizm problema stifet v Zapadno-Evropeiskom iskusstve XV-XVII vekov. Mostva, Naura, 1966. 347 p.

#### ART, BULGARIAN

At an exhibition of present-day Bulgarian art. I. Volikova Iskussivo 29 no 12 52-96 66

#### ART, DECORATIVE

(see also subdivision under White Russia)

Photometric methods used in riving works of decorative art, V.N Gorbachev Trudy MVKHPU no 2,119-125

ART, MEXICAN-EXHIBITIONS see subdivision under Moscow

## ART, RENAISSANCE

Institut istorii iskusstv. [The Renaissance, Baroque, and Classicism, the problem of style in West European art of the 15th-17th centuries] Renessans, barokko, klassitsizm, problema stiler v Zapadno-Evropeiskom iskusstve XV-XVII vekov. Moskva, Nauka, 1966. 347p....

#### ART, RUMANIAN

Alexandru Ciucurencu, I. Melikaon, Ishuastvo 29 no 12 57-62 '66

#### ART. UKRAINIAN

The "Ten-day Festival of Ukramian Literature and Art" in Moscow B P Kurdan, Sov etn no 2 115-117 Me-4p 161

ART AND COMMUNISM see Communism and art

#### ART AND SOCIETY

[Art and the people] Iskusstvo i narod. Moskva, Nauka, 1966. 284 p.

ART GALLERIES AND MUSEUMS see subdivision under Lugansk

## ART OBJECTS-TRANSPORTATION

Protection of containers from molds in transporting museum objects, D.S. Kuritsyna, Vest, Most, un, Ser 6 Biol., poch., 21 no. 5,85-90 S-O 56.

## ART OBJECTS, BURMESE

Lacquered art objects of Burma, N Ozhegova, Iskusstvo 29 no 12 63-67 '66

ARTEK (UKARINE)-PIONEERS (COMMUNIST YOUTH) Kondrashenko, L.I. Attek. Simferopol', "Krym," 1966.

## ARTEM, 1883-1921

Astakhova, V. I. [Artem's revolutionary work in 1917 and 1918] Revoliutsionmala deiatel'nost' Artema v 1917-1918 godakh. Khar'kov, Izd-vo Khar'kovskogo univ., 1966, 176 p.

ARTEM ISLAND OIL FIELD-PETROLEUM PRODUCTION Petroleum production is growing in marine oil field, L' Grigorian, Neftianik II no. 0 13 S '66

## ARTERENOL see Noradrenaline

## ARTERIAL GRAFTS

Alloplasty of the arteries with Soviet-made knitted prosthesis A N Filstov and others Khirurgiia 33 no. il 20-24 N 162.

Alloplasty of the large vessels of the extremities. N.I. Krakovskii, V IA. Zolotarevskii Khirurgiia 38 no. il-24-30 N '62,

## ARTERIES-DISEASES

Arterial dystonia and chronic tonsillitis. R.S. Ivanov. A.K. Listopad. Trudy LPMI 37:39-47 465.

Basic problems in the clinical aspects of lesions of the large vessels of the head in an early period L.B.
Litvak. Zhun nevi 1 psikh. 62 no li 1607-1611 '62.

Clinical aspects and pathology of ischemic disorders of the spinal cord, Syndrome of swelling of a spinal artery, D. K. Bogorodinskii, R. A. Razoi enova, A. N. Krivosheina Zhur. 18vr. 1 psikh, 62 no. 11 1673-1675

Collateral blood circulation in occlusion of the large blood vessels of the head Z. L. Lur'e, L K Bragina Zhur nevi i psikh, 62 no li 1612-1616 '62

hitraesseeus phlebegiaphy of the lower e tremities in disorders of arterial blood flow. A. M. Demetskin, Vest. 1 ent. 1 ac., 11 no. 6:37-40 N-D '66

Some um esolved problems in the pathogenesis, clinical aspects and treatment of disorders of the large vessels of the head E.V Shmidt Zhur, nevr, 1 psikh, 62 no, ll 1601-1606 '62

Treatment of patients with obliterating endarteritis by means of artificial hydrogen sulfide baths from the waste of the by-product coke industry M, I. IAtsenko, V R, Fartel'berg-Blank. Vop kur , fizioter 1 lech, fiz. kult 27 no 6 526-528 N-D 162.

#### ARTERIES-INFLAMMATION

Evaluation of the apeutic effect of ti opaphen in endarter iits obliterans and atheroscle rosts by cutaneous furrenomity and vascular permeability determination

T. G. Gegetishvili Soob AN Gruz. SSR 44 no. 3,787 802 D 66

Significance of ophthalmodynamometry in differential suffide believing an obligation of the first of the suffide believing and the string ender to its. A A, Melodice Vop.ku., frioter i lech fiz kulit. 31 no 6:492-196 '66

#### ARTERIOSCLEROSIS

Atherosclerosis in cheumatism | G. G. Nepriakhin | Arkh pat 28 no 12:3-6 160

Changes in tissue nuclein metabolism in experimental other oscierosis under the effect of hydrogen sulfide baths. Z. A. Sokolova Vop kur. fizioter i lech fiz kult. 31 no 6-501-500 '66

Cholester of and atherosclerosis. A. L. Miasnikov, Kardiologita 3 no. 1.3-7 Jan. -F 63.

Course of experimental atherosclerosis combined with cholecystitis, K. I. TSintsadze, D D Tvildiani Soob AN Gruz SSR 27 no.2 225-231 Ag '61

Effect of hydrogen sulfide baths on blood circulation and the processes of functional aduptation in dogs with ex-perimental atheroscierosis. N. R. Chepikova. Vop kur . fizioter 1 lech fiz.kul⁴t. 31 no 6:497-504 '66.

Effect of nicotinic acid on blood congulation, blood heparin content and the clear ing factor in patients with ather oscienosis. I. L. Gerasimova, Kardiologiia 3 no 1.61-61 Jan. - P 63,

Effect of nicotinic acid on the fibrinolytic activity of the blood in atherosclerosis. M. G. Shershevskii, Kardiologiia 3 no. 1:61-68 Jan, -F '63.

Effect of thyroidin on cholester of metabolism in alimentary ather oscier osis in experimental lesions of the liver. L. A. Minsnikov, N. M. Lobova, V. A. Kassell. Biul eksp.biol i med 63 no.1,31-34 Ja 167.

Evaluation of the apentic effect of tropaphen in ender ter-tis obliterans and ather oscierosis by cutaneous ther-mometry and vescular permeability determination. T.G. Gogotishvili. Soch AN Graz-SSR 44 no 3,797-802 D 186

Use of atronid in the treatment of coronary atheroscle-iosis, V.S. Zadionchenko, Sov. med, 30 no. 1,77-81 Ja '67,

## ARTHRITIS

Changes in the duration of the phases of cardiac systole in infectious nonspecific polyarthritis V, M Chepoi infectious nonspecific polyarthritis Sov med 20 no.10 24-27 O 466

Diagnosis and treatment of scapulohumeral pertarthetits, N I Nikolseva. Trudy Turk, nauch, -1991 (net, kilm , kur, f fiz, metad lech. 8:42-53 '05.

Effect of Chakhuryurd hydrogen sulfide baths on the morphology of blood in polyarthritis of various etiology A.I. Dulatova. Shor trud Azerb much. -issl, inst kur.i fiz. metod lech. no 6 106-111 '62

Mechanism of the effect of the TSkhaltubo baths on basal metabolism and the indices of external respiration in patients with infectional nonspecific polyarthritis. L. M. Dzidziguri. Soob. AN Gruz. SSR 26 no. 6:739-745 je 161.

Osteoporosis in infectious nonspecific polyarthritis, IU.S. Khomiakov, Vest., ent. i , ad. 11 no. 6:20-34

# ARTHRETIS, RHEUMATOID

Correlation of theumatoid arthritis and rheumatism. N. I. Vinogi adov. Trudy LPMI 37:166-170 '65.

Diagnosis of rheumatoid arthritis. N.I. Vinogradov. Trudy LPMI 37:77-85 '66.

Effect of Chukhuryurd hydrogen sulfide baths on chloride metabolism and the hydrophily of tissues in infectious polyarthritis of obscure etiology, E. M. Kiamit'. Shortrud Azerb, nauch, -issl. inst, kur. i fiz, metod, lech no. 6 178-194 162,

Effect of Chukhuryurd hydrogen sulfide baths on the catalase and peroxidase activity of the blood in polyarthritis. A. Z. Babaev and others. Shor, trud. Azerb, nauch, -isst inst. kur, i fiz. metod. lech. no. 6:169-162 Effect of Chukhuryurd hydrogen sulfide boths on the course of chronic intections polyarthritis taking luto account the changes of the pota-salum and calcium livel in the blord R A, Katar - rade, L. L. Krawits, St. it trud Azerb, nauch sissl met kur i fiz, metod bab no 6 163-168 162

Effect of Chakharyard hydrogen sulfide water on carbo-hydrate metabolism in chronic polyardu itis of carboettology R A Bagitova Shor trud Azerb single saal mat kur i fiz metod, lech no 6 130-155 167

Effect of Chukhuryard hydrogen sulfide water on the course of citingen in clabolism in polyar by the of 5 at ous ethology Report No.1 Observation data of pair 57, S.G. Agaeva Shor, trud Azerb nauch, -logl mea-kur, ifiz metod loch no 6122-133 16.

Effect of Chaliburyard hydrogen saifide water on the tourse of antrogen metabolism in polyar thirths of varied citology. Report No. 2. Observation data of [201] S.G. Agaeva. Shor trud Azerb, match, "isal in a kor i fiz, metod, ich in a 5 131-148 [62].

Effect of the "Bedo" hydrogen sulfide baths of Chulchus yard on the vitamin C content of the blood in poly arthritis Sh M Gasanov, \.Z. Bahaev, I I. Kingets Shor, trud Azerb pauch, -1441, inst kur, 1 ff. inched lech no. 6 156-158 462

State of the vegetative nervous system in infectious polyarthritis under the influence of Chubburyurd milfurbatha, L.B. Kreinina. Shor trud Azerb mauch inchemst, km i fiz metod lech no 6 185-190 '5.

Treatment of chronic infectious polyarthuitis with Chukhuryurd bydrogen sulfide baths, 1° M, KikumP Sbor, trud Azerb nauch, -1381 met, bur 3 ff/ methol leab no 6 172-177 162

Treatment of patients suffering from Urov (Kanchin-Beek) discose at the "Yamkun" He alth He sort, 1,2 Kavehenko Vop kur Hiztoter i Rech fiz,kultino, 5528-534 N-D '62.

ARTIFICIAL DIAMONDS see Diamonds, Artificial

#### ARTIFICIAL FUR

Insulating properties of artificial Karakul and radiated for types [III, V. Ignatov | Korh -obuv. prop. | 3 no if he

ARTIFICIAL ISLANDS see subdivision under Azerbeijus, Caspian Sea

ARTIFICIAL LEATHER see Leather, Artificial

#### ARTIFICIAL LIGHT GARDENING

Programmed device for the control of light conditions in plant growing. P. A. Degitarev. Bird, march, -telepinform, polagron, fiz. no. 8/0 111-115 460.

## ARTIFICIAL SATELLITES

The "life of antellitas," V. Bazykin, Agitator 31 no. 2152-53 Ja 167

# ARTIFICIAL SATELLITES-CONTROLS

Controlling artificial carth satellites in flight, A Afrisandrov Av. (kosm. no. 1951-59 fa 187.

## ARTIFICIAL SATELLITES-ORBITS

Approximate analytic representation of apalial motion in fill's problem. A A Orloy. Blut, Inst. tour, a train no. 5 360-378 465.

Effect of accodynamic broking on the motion of a spl. 14

cal satellite relative to the mass center. Name in a P. Biul, Inst, teor astron. 10 no. 5 321-131 765

Effect of braking forces on the motion of a natellite relative to the mass center. Nam Tum Pollind, icor, astron. 10 no.5 317-321 (65)

Single-impulse problem of astrocorrection, when the instant of the rendervous is fixed. K. V. Khidahevania Bial, Inst, teor autum. 10. no. 5, 313-350, 963. Stability of the orbital motion of a gatellite in the prostational field of a nonapherical pinner. K. V. Khidahevanikov, Bial Inst, teor, astron. 10. no. 5, 312-412, 16.

## ARTIFICIAL SATELLITES --- SCIENTIFIC APPLICATIONS

Measurements of 1 - 5 Mev. protons of solar origin by the Venera-7. Venera-3, and Zond-3 stations by W Vernov and others. Dokt, AN 955R 171 no 1844 ato D 186,

## ARTILLERY

Save the fire commander's time. I. Golubev. Voca, vest, il no. 6,83-84 Je 161.

ARTILLERY...-PROBLEMS, EXERCISES, LTC.
Answers to problems published in No. 2 of "Vocanti Votantik," Voca, vost. 11 no. 6:84 Je '61.

## ARTILLERY, COAST

Perechney, IU.G., and IU.A. Vinogradov. [Guarding the sea horizons] Na strazhe morskikli gorizontov. Moskva, Voenizdat, 1987. 303 p.

## ARTILLERY, FIELD AND MOUNTAIN

Artiflery division in an attack from the match N. Suther Voen, vest, 41 no. 6-42-44 Je '61. Testing the sighting mechanism by a rapid method, A. Rozhik. Voen, vest. 41 no. 6:107-109 Je '61

#### ARYAN LANGUAGES-TENSE

Original function of the Indo-Puropean perfect, 1 A Perel muter, Vop. 112, no. 1 92-402 Ji-P 467

ASBESTOS see subdivision under Soviet Central Asia

ASBESTOS-CEMENT PIPE see Pipe, Asbestos-cement

#### ASCARIOS AND ASCARIASIS

- I fixet of sails (Naz. Mg. NII; and Ba) of B-hydroxyn ph-thoic acid on glurose consumption in Ascaris suum Goere, 1782. M. Lardin I. A. Pushkarev. Med paraz. i puraz.bol 35 no.6;732-733 N-D'86
- It oblem of the sharp decrease of incidence of ascariasis in the U.S.S.R. F.S.Shullman Med.panoz.i pm az.hol. 35 no.6,661-666 N-D 66.

- i valuating the resistance of thick-pea to ascochyta blight. R.G. Vedysheva. Vest selfidoz nauki 11 no.12-109-111
- tise of systemic substances as a means for ridding peas of associate blight, N.N.Khmell, Trudy KHSKHI 56 94-101 166

#### ASCORBIC ACID

- I ffect of niti ogen fertilizers on the accumulation of vitamin C in plants. A. A. Antsimov. Uch. zap. GGU no. 50:28-11 [59]
- Fifer of the 'Bods' hydrogen sulfide baths of Chukhur-yurd on the vitamin C content of the blood in poly-arthritis. Sh. M. Gasanov, A. Z. Rabaev, I. L. Kravets. Short trud Azer's nauch -isel inst. kur.) fiz. metod. lech. no. 6 156-156. 62
- Quantitative determination of halides in the presence of ascorble acid. P. P. Suprun, Farmatsev zhur. 17 no. 2, 31-35 '42'

## ASCORBIC ACID-THERAPEUTIC USE

Results of using thioctane and galascorbin for the treatment of epidemic hepatity. L. B. Royanova and others. Sov. mcd. 10 no. 148-89 Ja. 167.

### ASCORBIC ACID, EFFECT OF RADIATION ON

Stability of water solutions of nicotinic and ascorbic acids during it i adiation with posteur lying doses of gamma tays 10, M. Filippov, A.I. Chugonov, T.I. Filmova Kona, i ov. prom. 22 no. 18-19 Ja 467

#### ASCORBIC ACID METABOLISM

- Histochemical and biochemical study of ascorbic acid in experimental allergy V. P. Nefedov. Atkh pit 28 no 12,53-56 '66
- Histochemical study of ascorbic acid in turkey intestines as teleted to age, G. S. Krok, A. I. Gritsenko, Arkh, anat, gust fembr 81 no. 10-116-118 O 166

### ASH (TREE) see subdivision under Crimea

### ASHES (FERTILIZER)

Dynamics of ash content in some local and introduced woody plant seedlings in the course of a year. A. A. Novikaya. Vestsi AN B59R, Ser, brial, n.v., no. 1:29-

# ASHKHABAD-MEAT INDUSTRY-HYGIENIC ASPECTS

Materials of neurological evanimation of workers of Ashkhabad Meat Combine, L. M. Sultanova, R. P., Poslavskii, Trudy Turk, nauch, -lest, inst, blun., kur, f. r., metod, lech., 8:134-139, 95.

# ASIA-FOREIGN RELATIONS-RUSSIA

- From the history of the awakening of the East (to be continued), 1, Andronov. Nov. view., 25 no. 9:11-15 F 167.
- Proin the blatery of the awakening of the Hast (to be continued), I. Andronov, Nov. vrem. 25 no. 10:8-8 Miz 167.

## ASIA, CENTRAL-CHRISTIANITY

History of Christianity in Central Asia. I. P. Petrushev-skil. Palest shor. no.15:141-147 '88.

## ASIA, CENTRAL-HISTORY

The work of the "History of Central Asia" Section at the 23th International Congress of Orientalists, L. F. Mono-garova, Sov. etn., no. 2: 119-121 Mr-Ap 161.

ASIA, CENTRAL—XENOTIME

Xenotime from the hydrothermal ores of Central Asia,
V. N. Zuov, A. V. Kosterin. Trudy Min. muz. no. 12
208-211 '61

## ASIA. CENTRAL-YTTROFLUORITE

Vitrofluorite from deposits in Central Asia. V. N. Zuev, A. V. Kosteria. Trudy IMGRE no. 4 136-136 460.

## ASIA, SOUTHEASTERN-CATHOLIC CHURCH

Berzin, E.O. [Catholic Church in Southeast Asia] Katoli-cheskaia Isorkov' v IUgo-Vostochnoi Azii. Moskva, Nauka, 1966, 319 p.

## ASIA, SOUTHEASTERN-POLITICS

What is happening in Cambodia, Thatland, and Laos. IU. (Urtsov. Agitator 34 no. 4:59-61 F '67

ASIA, SOVIET CENTRAL see Soviet Central Asia

#### ASIA MINOR-CUNEIFORM INSCRIPTIONS

The "tab: summittim" of "Cappadocian" tablets. G G. Giorgad.c. Vest, drev.ist. no 4 81-44 '66.

ASPEN—GENETIC RESEARCH see subdivision under Novo-birsk Province

# ASPERGILLUS see subdivision under Ukraine

# ASPERGILLUS-CULTURES AND CULTURE MEDIA

- Culturing the iningus Aspergillus oryzae on ground ma-torial V.N Gulinev, V P Potorzhinskii Kons i ov, prom 21 no 12 10-12 D 466
- Effect of the pH value on the vital activity of the acidproducing fungus Aspergillus niger G I, Zhuravskii, Trudy VKNII no. 17:122-143 '66
- Nitrogen nutrition of the acid-producing fungus Aspergil-lus niget. O F Terent'eva Trudy VKNH no. 17 109-122 '66
- Toxicity of lend to Aspengillus niger. I.V. Zlochevskata. I.L. Rabotnova. Mikrobiologija 35 no 6,1011-1052
- N=0 us of the mycellium as more lum in submerged cultiva-tion of mold fungi for the accumulation of pectolytic enzymis, L. A. Khersonova, A. L. Malchenko 1 cim i split prom 33 no 110-12 '67.

## ASPERULOSIDE

Phytochemical study of the Russian bedstraw (Galium ruthonicum) Report No 1. M 1. Borysov, IU II Borysiak Farmetsev zhur 18 no 3 43-17 'b3

#### ASPHALT CONCRETE

Automated asphalt concrete plant with a D-225-type mixet. A G Gustkov. Avt. dor. 24 no [1:8-9] N 16]

Methods of determining time of asphyria in fish. A.V. Potiev. Trudy Inst. biol, vnutr. vod. no. 10 341-345

ASPHYXIATING AND POISONOUS GASES see Gases, Asphyriating and poisonous

## ASSEMBLY-LINE METHODS

Benefits of the industrial method. S. Shapovelov, Nar-khov Kazakh 21 no 12 64-65 D 166

- Compactness, economy, high quality; manufacture of precast structural elements on horizontal conveyor lines with piles of thermoform molds. N.A. Smirnov, L.N. Chumadov. Stroi i arkhit. Lon. 28 no 5 21-21 My '66
- Continuous construction methods in building housing complexes G I/raelis, No stroi, Ros, 7 no, 12:16-17 D 106.
- Continuous lines for the baking and confectionery industries of socialist countries. N. D. Morov. Khleb. 1 kond. pn om 10 no 12:40-42 D '66
- Conveyor manufacture of wall panels, M. IU. Alane, R. S. Levintov. Stroi, i at Phit, Len. 28 no. 6:19-22 166.
- Dyn'kin, A.I. [Equipment and conveying machinery for assembly-line production of glued footwear, textbook]
  Oborudovanic i transportnye ustroistva na potoke proizvodstva kleevol obuvi, uchebnoe posoble Moskva, Leg-kaia industriia, 1968 43 p

## [MICROFILM]

- Inclined conveyor sorting platforms of packing lines, N.D. Novikov, M.V Levtov Burn, prom no 12 15-16 D 66
- Kogon, M.G., K.N.Svidler, and M.E.Parylis. [Digital control computers for automatic addressing of freight] Upravilaushchie tstfrovye mashiny dia avionaticheskogo adresovanila gruzov. Moskva, Mashinostronic, 1966. 152 p
- Pichugin, A.I. [Mechanized assembly technology for manufacturing reinforcement elements and its efficiency] Potochno-mekhanizirovannala tekhnologiia izgotovlenila armatury i ee effektivnost' Moskva, Strolizdat, 1985. 47 p.

## [MICROFILM]

- Repairing E-1252 excavators by assembly unit method. V.G. Taits. Transp.stroi. 16 no.2;28-30 F '66.
- Something new in manufacturing prestressed structural elements, V.F.Sheriakov, Stroi, i arkhit, Lon, 28 no. 5 26-27 My ¹⁶⁶.
- Standard and guiding materials on general machinery manufacture. M. Bluvshtein. Inform, blul. VDNKH no. 12:8-10 D '68.
- Suctional columnar cleaner for cleaning grain in contin-uous operation, F. Mironenko, Muk. -elev prom. 26 uous operation, F. M no 4:25-26 Ap '60,
- Suspension device for the assembly of the refrigerating unit of a household peringerator F.V. It inshchenko, Khol tekh. 43 no 12 36 D '66.
- Universal line for the production of cookies. V.D. Gna-tiuk Khleb.i kond. prom. 10 no.12;38-39 D '66.

## ASSUAN DAM see Aswan Dam

Assyrians of Tunkey and Iran during the First World War. L. M Sargizov. Veat, obshchesty, nauk AN Arm, SSR no. 4:73-62 Ap ¹⁶⁸,

#### ASTHENIA

Review of B.S. Bamdas' book "Asthenic states "P M Zmov'ev Zhui nevr i psikh 62 no 11 1740-1741 '62

Physical therapy in the compound treatment of bronchial asthma patients E I Riabukha Vop kui ,fiziotei i lech fiz kult 27 no 6 531-538 N-D 162

#### ASTRAKHAN-ADULT EDUCATION

In search of new forms, M. Abrosimov, Mol. Forms, no 6 105-106 Je 161

## ASTRAKHAN-SHIPYARDS

We are prepring for work under new conditions, G Tak-tarov Ryb, khor 43 no 1 77-78 167

#### ASTRONA UTICS

(see also subdivision under United States)

Echo of the cosmic five-year plan. Mol. komm no. 4 22-27 166

The first group flight in space, B. Keltovai Agitatoi no 17 9-12 8 '82

"Soviet man, the first cosmonaut " Voen, vest, il no 6 124-125 Jr 161

#### ASTRONOMICAL PHOTOMETRY see Photometry, Astronomical

## ASTRONOMY

Bakulin, P. I., E. V. Kononovich, and V.I. Moroz Course in basic astronomy Kurs obshehel astronomii Moskva, Nauka, 1966 527 p

[The earth and the universe] Zemlia i Vselennaia Mo-skva, Zmanie, 1968 285 p.

## ASTRONOMY-ELECTRONIC EQUIPMENT

Servo systems with spherical coordinate converters for applications in astronomy, V. P. Egorov Shot. rab. po vop elektromekh no 4 174-188 *60

#### ASWAN DAM

Water transpolitation of the runners of hydraulic turbines for the high Aswan Dam in the United Arab Republic, M I Gall'perin, Energomashinostroenie 12 no. 11 48-19 N '66

ATATURK, KAMÅL, d. 1938

Ataturk, Kamål, [Selected speeches and public addresses.

Translated from Turkish] Izbrannye rechi i vystuplenija.

Red. i vstup. stat'ia A. F. Millera. Moskva, Progress, 1966, 430 р.

#### ATHEISM

(see also subdivision under Armenta, Lithuania, Mari A. S. S. R. )

- Atheists from School No. 500. S Boguslavskii. Semila i shkola 22 no 1 32-33 Ja 167
- Oloshchuk, F. N. [Lenin and scientific athelstic propagan-da] Lenin raukovo-ateistychna propaganda Kyiv, Vyd-vo polit lit-ry Ukrainy, 1985 66 p (CaOTU)
- Soviet law in the struggle for the liberation of man from the tenets of religion. A. A. Puzakov. Prudy Irk. un. 38 no. 4 135-153 '65,
- Using the various forms and methods of atheistic propagands. V.P. Atzamazov Trudy Itk.un., 38 no. 4 155-163 165
- Veinbergs, 1. [Old Testament in the light of contem-porary Science] Veca derika musdlenu zinatnes skati-juma Riga, Liesma, 1906 193 p [In Latvian] We should struggle for each person. D. Zaitseva Bibliotekar! 44 no. 2.23-24 F '67

## ATHEISM-BIBLIOGRAPHY see Bibliography-Atheism

## ATHEISM-STUDY AND TEACHING

- The place and role of Soviet school in the atheistic education of workers, I M. Furman Pyt. atetz, no 1,142-149 '65,
- <u>Sivokhina, T.A.</u> [From seven to seventeen] Ot semi do semnadisali. [Moskva] Mosk. rabochii, 1967. 86 p.
- The struggle against the influence of religious ideology and some problems relating to atheistic education in schools A. I. Abdusamedov Nauch, trudy TashGU no. 279 119-131 '65.

## ATLANTIC OCEAN-FISHERIES

Kuz'michey, A.B. [Fisheries in northwestern Atlantie; a review] Rybolovstvo v Severo-Zapadnoi Atlantike, obzor. Moskva, VNIRO, 1965. 41 p [MICROFILM]

#### ATLANTIC OCEAN-MARINE SEDIMENTS-MAGNETIC PROPERTIES

Magnetic properties and composition of sedimentary deposits in equatorial Atlantic, T.S. Lebedev and others, Geofiz, sbor, no. 17;3-31 166,

## ATLANTIC OCEAN-OCEANOGRAPHY

Relationship between distribution of tuna concentrations and oceanological water structure in some regions of the tropical part of Atlantic Ocean. V. L. Zharov. Trudy VNIRO 60:135-142 '66.

#### ATLANTIC OCEAN-PARASITES-FISHES

Proboliticma collorbynchi, a ne i fremaledi specie, parasitumg on deep sea nah (Callorbynchu, caponala) A M Parukhin Gidrobiol zhor 2 no 6/82-63 (6)

#### ATLANTIC OCEAN-TREMATODA

Probulition is allochynchi, a new trematode species, parasitizing on despessa (ish (Callochynchus eafensis), A. M. Parukhin, Gidiobiol zhur. 2 no 6 62-63 (6h

#### ATLANTIC OCEAN-TUNA

Relationship between distribution of two concentiations and occanological water structure in some regions of the tropical part of Atlantic Ocean V. L. Zharov the tropical part of Atlantic Ocean Trudy VNIRO 60 135-142 166

#### ATLANTE

Atlantis in the Mediter rinean Sea A I Hybin Prinoda no, l.118-120 Ja 167,

Zakler, Ludwik [Atlantis, Translated from Polish]
Atlantida, Pod red. N F Zhirova Posteslovie O.K.
Leont'eva Moskva, Min, 1986 342 p

#### ATMOSPHERE

(see also subdivision under Gazli region, Uzbekistan, Tren Shan)

Current state of a perimental studies of mountain lee waves and some recommendations for their diagnosis and prognosis. P. A. Vorontsov. Trudy GGO no. 189 3-23 166.

Studying atmospheric layer on water surface using acrostat and helicoptal IU S Dovgaliuk, Trudy GGO no.189 87-93 '66,

ATMOSPHERIC ELECTRICITY see subdivision under

#### ATMOSPHERIC PRESSURE

(see also subdivision under Baikal Lake region) Methodology for determining that acteristics of pressure tendency at automatic hydrometer elogical stations E N Shadrina, Trudy GGO no 199 181-188 466

Some results of operative short-range forecasting geopotential based on exact equations for two levels of stmosphere, S A Bortnikov Trudy MMTS no. 14 10-13 466,

#### ATMOSPHERIC TEMPERATURE

MODFIERRY TEMPERATURE (see also subdivision under Akhangaran region, Urbekistan, Azerbaijan; Gazli region, Uzbekistan, Kamchatka, Orel region; Pacific Ocean, Soviet Central Asia, Tajikistan)

Dependence of integral function of atmospheric transfer on black radiation temperature B.Sh Beritashvili, A.M.Brounshtein, K V Kazakova Trudy GGO no 184

Determining extreme significances of atmospheric temperature by means of automatic hydrometeol ological stations, E, N, Shadi ma 'Frudy GCO' no 109:199-194' 66

Estimated outdoor temperatures E.S Rubinshtein, M M

Shatskii Prom stroi 39 no 12 55-59 fel.
Structure of thermals according to observations by glider pilots K I Shashkov, Trudy GGO no 189 54-63 fel.

of thermosounding device for studying lower 500-meter layer of atmosphere I A, Fomichev, IU, A, Kurpakov, V F Psalomshchkov, Frudy GGO no. 189 94-100 '66,

## ATMOSPHERIC TRANSPARENCY

Variation of lower boundaries of stratus clouds and its effect on atmospheric transparency on the earth A.V. Dunaeva Trudy GGO no 184 48-64 188

Variety of atmospheric transparency in formation and dissipation of tog. E.N. Dovgiallo. Trudy GGO no. 184: 41-43 '66

## ATMOSPHERIC TURBULENCE

Study of atmospheric turbulence using gliders, P. A. Vorontsov, M. A. German, Trudy GGO no. 189 24-

## ATOMIC BOMB SHELTERS

A cellar is also a shelter. N. Smelan. Voen, znan. 43 no 1.26 Ja 167.

Little of one visual reconnaissance... V. Chumakov, Voca, 2nan. 43 no.1:20-21 Ja '87

Energies of isobaric and isotopic transitions and new muclear mass formula. N. N. Kolesnikov. Vest. Mosk. un. Ser. 3; Fiz., astron. 21 no. 6;76-87 N-D '86.

## ATOMIC NUCLEI see Nuclei, Atomic

ATOMIC WEAPONS see subdivision under Great Britain

ATOMIC WEAPONS-COSTS see subdivision under United States

ATOMIC WEAPONS-INTERNATIONAL CONTROL Feigned "fears" of Bonn. V. Berezhkov, Nov. vrem. 25 no. 10:18 Mr '67,

### ATOMS

A nuclear alphabet, V. Shcherbakov, V mire knig 6 no. 6:11 Jc '66.

ATTACK AND DEFENSE (MILITARY SCIENCE) Battation holds the base of operations. Voen, vest. 41 no. 6.51-52 Je '61 Over coming a hastily occupied difference position, T Garridov Voen, vest, II no 6 27-31 Je 461

ATYASHEVO DISTRICT-STOCK AND STOCKBREEDING Strides of the five-year plan I, Kargin, A, Naumkin, Zalup, 501/khoz prod. no.12 33 D '66,

#### AUDIO-VISUAL EDUCATION

1 surficels of the hits during Russian literature classes, A.V. Shrveleva, Vech. sied, shkola 9 no 5-11-13 S-O '66.

#### AUDIOMETRY

Types of audiometric curves in the light of indications for operation on the stapes in otoschorovia V A. Gukovich, Zhur ush , nos i gorl bol 19 no 4 20-36 II-lg 150

## AUDITING AND INSPECTION

(see also subdivision under Estonia)

Analysis of the disbursement nom the wage fund in construction. P Kuz'kin. Bukhg.uchet no 12:46-47 D '66. Auditing of reports and balances in the conditions of the committee of m I Belobzhetskii Fin. SSSR 41 no 1,60-64 Ja '67

Economic reform and current mobilems of the course on the "Leonomic analysis of the operations of industrial enterprises "I Proskurin Bukhg uchet no 12-48 outer prises 51 D 166.

On document inspections. V Valetov. Bukhg uchot no 12:11-16 D 666

AUDITORIUMS-DESIGN AND CONSTRUCTION see subdivision under Leningrad

Cytochemical and morphological characteristics of developing conticul neurons in normal white nat and after injection of aurantin, t. I. Korochkin and others. Aikh anat, gist i embi. 51 no. 10 62-68 O 166

Cytophotometric and interferometric study of extraorbital gland m rats following mhibition of tibesomal RNA synthesis by aurantin N. V. Nichaeva, V. N. IArygin Arkh anat, glet. i embi 51 no. 10 87-91 O 166

AURORAS see subdivision under Lazarev Station,

AUSTRALIA-RAILROADS-DESIGN AND CONSTRUCTION Building new railroads in Africa and Australia. Transp. stroi, 16 no. 4:56-57 Ap '66,

AUSTRIAN STATESMEN see Statesmen, Austrian

AUTHORS-CORRESPONDENCE, REMINISCENCES, ETC. Turgency, I.S. [Complete collected works and letters in twenty-cight volumes. Letters in thiteen volumes] Poince sobrante sochinenti 1 pisem v dvadtanti vos'mi tomakh. Pis'ma v trinadtsati tomakh, Moskva, Nauka. [Letters] Pis'ma, Vol.12. Book I. 1876-1876, 1966, 756 p.

AUTOBIOGRAPHIC FICTION see Fiction, Autobiographic

Ceramic tiles for the tining of digesters R.K.Kordon-skala Burn prom 37 no 5:15-18 My 162

Interlocking the bayonet catches of autoclaves with the steam supply device. I. IA Golub. Strof. mat 7 no. 12-28-30 D *61.

Agur, Ustus. [Men and automata] Inimesed ja automaadid. Tallinn, Valgus, 1986. 162 p. [In Estonian]

Determining the regularity of an automaton from its canonical equations. B. M. Kloss, V. A. Malyshev, Dokl. AN SSSR 172 no. 3:543-546 Ja 167.

## AUTOMATIC CONTROL

Algorithm for modeling the operation of a rotary line by an electronic computer. A. Akhmedov. Vest. Mosk. un. Ser. t. Mat., mekh. 22 no. 1:35-39 Ja-F '67.

Algorithms for controlling movements of track-laying coal cutter-loaders in vertical direction. V.A. Ul'shin. Izv.vys.ucheb.zav.; ger zhmr. 10 no.1:152-156 167.

Analysis of the stability of an automatcally controlled municipal gas network D.B.Barasanov. Pratsi Inst. vyk gazu v kom.hosp. taprom.AN URSH 7.3-12 '59.

Analytical determination of bifurcation values of automatic control system parameters of diesel locomotives, hydraulic transmissions. I. F. Pushkarev, V I. Lobanov. Sbor. trud, LHZHT no. 232 30 -43 164.

Anisimov, N.G., and A.N.Smirnov. [Experience in the construction of 1 emote control lines and installation of automatic control systems] Opyt stroitel'stva linit telemekhaniki i montazin sredstvavtomatiki. Ufa, Bashkirskoe knizhnoe izd-vo, 1965, 140 p.

Apparatus for automating simultaneous turns of blades in guiding devices on VTsD fans, V, S, Pak and others. Gor, elektiomekh, i aviom, no. 1:67-89 155.

Automatic control and regulation of pneumatic conveying machinery. B. Maksimchuk, A. Zhuravjev, N. Starikov. Muk., -clev. prom. 26 no. 4:19-21 Ap 100.

Automatic control of safety should open ate infallibly, A.D. Makarov. Ber op truda v prom – Il no 1;26–27 Ja –167

Automatic control of the fuel feed in an open-he with finenace, V. B Modylevskii, Stal? I no II helo felt N bl.

Automatic control of the mobility of concrete, A.P. Desov, N I Solodov. Trudy NHZHB no 10 4-33 th

Automatic control of the processes of coal preparation in heavy mediums — A. Z. Kulishenko, A. S. Kharitonia, I. A. Gridin, – Kokari khim — no. 5°3-9 °162

Automatic control system for the boiler unit on the whaler "bovotskaya Ukraina" M. Sh. Mift in In. Zhigirev. Sudostroenic 27 no.1.31-33 Ja '61.

Automatic temperature regulation in studying plurptup and clay muds. A. F. Voltovich. Nett. I gaz p. oan uo 5:23-25 S-O '66

Automating rotary bucket excavitors. V. I Stefinovich IU. G. Vesnin. Got elektromekb, favtom, no. 1994 Juli

Automation of skip holsting with asynchronous drive M the No 19 Corl Mine of "Rutchenkovaugott" triust, B. P. Rybalko and others. Gor, elektromekh, favlom (1) 1

Calculating automatic control systems for hamplenglin? I G Serganov Vest, 15NH MP5 25 na. 848 21 July

with electromechanical control A. A. Ivanov, A. N. Mariata, I. I. Poltava. Gor elektromekh i nytom. 34-38-165. Calculating capacitance stabilization in electric drives

Calculation and simulation of the nutomatic control of the mass level and air cushion pressure in the largesta, L.Ki. TSukerman, V.A. Lazateva, B.L.I jukh mas Bumagodel', mash., no. 13:75-95 *66.

Calculation of the work hours of compression under tenditions of automatic operation. V. A. Petrumbio. A.A. Chistiakov. Khol.tekh. 43 no.11;19 N 556.

Chekh, IAn. Semiconductor control scheme of a scanning device for spark chamber films. Polupicacidniko vala skhema upravlenila pribora dila prosmotra piraki s iskrovykh kamer Dubna, 1967. 4 p.

Considering nonlinearity in the proportional plus-integral controller of speed of diesel internal combantion on glass F F Saburov, Shortund, I HZHI no. 2.12 67 no. 16.

Control of the drawing mechanisms under non-tations; conditions of the drawing of textile fibers, A.5 Malchanov, N. I. Kunin i. Nauch, -iasl, trudy ISNID V 21:12-21 46.

Controlled lag unit. A. S. Molchanov, IA. M. Bebarlac, Nauch -1591 trudy PSNHLV 21:3-11 '66,

Designing of optimal ship control systems using the treat-computers. I.R. Preddom, IU, IA, Zubarev. The triat chestvo no. 1,33-37 Ja '67

Device for regulating the speed of inclining the Indie to a pouring machine Stall 21 no. 11:977-978 N 114

Digital analogs. B L Crimitov. Shor, rob, po vop, cick trometh. no. 1 202-213 180.

Dispatching service of a trust. S Vologhin. Lienculted 9 no.1;28-30 Ja 467.

Dual control of distributed objects in discrete conflicted systems. V. P. Zhivogiladov. Izv. AN Kh. 88R. no. 2: 25-33. S-O. 166.

Dynamics of the control of automated electric driver of

paper making machines. B. M. Shi albuman. Bum ip is l' mash, no. 13:158-176 '65.

Dynamics of the controlling channel of drawing meet in isoms during fiber deformation in the drawing process. A. S. Molchanov, Nauch, -1801, trudy TSNIR.V JL 25, 20, 160.

Frequency method for studying systems with variable parameters. IU.I. Borodin, A.B. Ioannisian, Elektrichestvo no. 1:30-41 Ja '67. A high-frequency method for contactless measurement of

coal band thickness. G.R. Nosov. Gor. elektronicks i avtom. no. 1:52-61 165.
Influence of selecting the point of measuring controlled values on stability of directed motion of an autom test mining machine. J. A. Shokhet, L. V. Kuplenko. Chr. elektromekh, i avtom, no. 1:115-119 '65.

Investigating automatic control system of stepped hydraulic transmission of diesel locomotive uning electronic modeling installation. I.F. Pushkarev. Shor.trud. LHZHT no. 232.44-59 *64.

Kariik, Y.A. [Automatic control of steelmaking in wayer-blown convertors] Automatizaistia prolavodsiva slati v kislopednykh konvertorakh. [Moskva, Metalturgita, 1987] 82 1967] 282 p.

Kryptol furnace as object of control. S. A. Zakharav. Ognoupory 31 no. 12:18-22 D *66,

Majority function for continuous quantities. M. A. Recebiat. Dok! AN SSSR 171 no. 4-814-818 D 169. Mathematical description of the unsteady motion of the paper sheet on the papermaking machine and the control of the speed of its sections. A. D. Shustov. Bunna, 18-12. mash. no. 13:146-167 165.

Mechanical proporties of paper on the machine and determination of the required static precision in controlling the speed of the electric drive of machine so tions.

A. D. Shustov. Bumagodel', mach. no. [3:12]-145 "65.

Machanization and automation of industrial processes on surface receiving platforms of auxiliary hoistings, M. A. Kozlov. Shor, nauch, trud, PMIUI no. 10:182-189

#### AUTOMATIC CONTROL (Continued)

Method for approximate calculation of the adjustment of

Method for approximate calculation of the adjustment of automatic evening. A.S. Molchanov. Mauch.-issl trudy TSNILIV 22-78-88 '66.

Method for the approximation of a random vector function, TS S Khathashvili, hibernetic no 5-73-71 5-0 '66.

Mozgalevskil, A.V., and others. [Automatic flaw detection] Aviomatichenkil polsk nelspravnostel. Pod 1 ed. A. V. Mozgalevskogo, Leningrad, Mashinostroenic, 1967 - 65 p.

1967, 262 p.
New electric equipment sets for automatic drive of coal nime honeting installations. V. M. Birlovskii, III. G. Horziok, Ugol. 42 no.1:36-37. Ja. 567.

One algorithm for actting up simple tests. 11, Sh. Koapanov. Disk anal, no 8 13-18 466.

Optimization of the process of controlling a group of similar objects. E. I. Galyuker, A. S. Molchanov Nauch. -1 isl, trudy TSNIHAV 21 187-191 [66].

Frametric transfer functions of the drawing mechanisms A. S., Molchanov, Nauch, 1981 Budy ISNILV 21-30-35 166.

Photoelectric system for the automatic control of tele-scopes, P. V. Nikolaev Shot, tab po vop, elektromekh no i 189-201 460.

Possibility of the use of optimalizing control methods for drawing mechanisms. A.S. Molchanov. Nauch. - isal.trady TSNHLV 22:58-69 166.

Principal problems concerning the automation of the electric derives of large telescopes 10, A. Sabinum Shor, 2 (b. po vop. (lektromekh. no. 4 197-17) 160

Programmed device for the control of light conditions in plant growing. P A Degitarev. Biul.nauch. -tekh inform. po agron fiz. no 8/9:111-115 (60)

Reconstruction of a continuous furnace for the automation of the heating of ingots of ball bearing steel. A V Babushkin StaP 24 no.41,1041-1042 N  $^{\circ}61$ 

Regulating the even flow density of 1 od mills. E.V. Prokof'ev. N V. Startsev. Izv. vys ucheh zav , gor , ziner. 10 no. 1,147-151 167.

Selecting an efficient system of automated main electric drive of heavy-duty rotary backet exeavators. A. F. Kotov Gor, elektrometh, i vytom, no. 1 00-98 165

Set of electropneumatic controllers for automating mine holsting machinety. M N Vasilevskii, E S Traube Ugol! Ukt. 6 no 12 31-33 D '62 Staripov, V.Sh. [Mechanization and automatic control in the mining lindustry] Mokhanizateiia i aviomatizateiia v gepnorudnoi promyshlemosti. Alma-Ala, "Kazakhstan," gornoruano. ₁ 1965. 125 p.

Soveshchanle po aviomatizatsii proisessov mashino-stroentia, 4th, 1964. Automatic control of processes of welding and pressure working of metals; transactions! Aviomatizatsiia protsessov syntki i obrabeki daylentem; (trudy). Moskva, Nauka, 1966. 250 p.

Stability of directed motion of a mining machine in various systems of automatic control. I. A. Shoikhet, I. V. Kaplenko. Gor elektromekh i ivtom, no. I 107-114 165

Structural synthesis of control devices in automatic control systems based on the shald element network V. I. Dvortsin, V. I. Ivanenko Kibernetika no. 5:49-56 S-O 466.

Study and development of automatic control systems of complex rectification towers. A. S. Brovko, V. A. Timoshenko. Neft.i gaz prom. no.5:10-13 S-O 106.

Study of the control of compressors with gas motors

A.Z. Gryshehenko Pratsi Inst vyk gazu v kom, hosp
ta prom. AN URSR 7-30-47 150.

System for automatic control of burners at the Bel'tsy
plant for the treatment of byb id and critified com
aced, D. Mazu Muk, -ch v, prom 26 no 4 21-22
An 160. lan. a ed. . 60.

Systems of automatic control of comminution processes satisfying various requirements of ore dressing. I. N. Plaksin. Z. V. Uteush. Izv. vys ucheb zav.; gov. zhut 8 no. 18:135-137 165

Prelimingual bases for automatic determination of per missible reduction during one pass in plate relining on two-high reversing stands. V. M. Galinkin, D. N. Kalinkit, Sbot, trud, TSNICTM no. 44 167-176

Teleautomatic control of Irrigation systems, Sh. A. Samed-7 ade – Izv. AN Azerb. SSR Ser. fiz -mat. i tekh, nauk no. 5,77-62 '69

Theory of the best approximation of optimal control. I.P. Lytkin. 12y.vys.ucheb.zav.; gor zhur. 10 no.1:142-116 67.

Use of switching transistors in the drive systems of automatic evening. A. S. Molchanov, IA, M. Rebarbar, U. M. Vinter. Nauch. -isel. trudy TSNILLV 22:89-100 '66.

Use of the root trajectory method in studying the periodic regime in nonlinear automatic systems. IU. I. Kuznetsov. Vest. Mosk. un. Ser. 3; Fiz., astron. 21 no. 6;98-99 N-

Using methods of mathematical modeling in developing automatic central systems for drying. N. V. Arsintkin, E. V. Prokoftev. Izv vys. ncheh, zav., gor. zhur. 8 E. V. Prokoffev. no. 9.155-160 165,

Varakin, IU. M., K.S. Kiykov, and V. B. Prolovskii. [Means for the automation of sawnilling and woodworking production] Sredstva automatizatsii lesopil'no-dorevo-obrabatyvniushchikh proizvodstv. Moskva, Lesania promyshl., 1067, 354 p.

Vysota, I.I. [Automated mailine steam engines; design, theoretical foundations, and operation] Avtomatizirovannye sudovye parovye mashiny; konstruktsila, osnovy teoril i ekspluatatsila. Moskva, Transport, 1966.

AUTOMATIC CONFROL-ABSTRACTS

[Automatic control, remole control, and computer tech-nology] Ref. zhur. Aviom., telem i vych. iekh. no. 3 Mi '87. Aviorskii ukazatel' za 1966 g

## AUTOMATIC CONTROL-CONGRESSES

Seminar "Tuziko-tekinologicheskie voprosy kibernetiki."
Reports of the Seminar "Physical and Technological
Problems of Cybernetics" | Seminar "Fiziko-tekinologicheskie voprosy kibernetiki"; [doklady] Kiev, Naukova

No.1 1965 116 p No.1 1966, 123 p

Third international congress on automatic control, N D Sukhoprudaku Elek, 1 tepl tiaga 10 no 12:42-13 D

#### AUTOMATIC CONTROL-RELIABILITY

An important trend in increasing technical and economic indices of coal mine automation, 1.1 Livehite and others, Ugol' 42 no.1,33-35 Ja '67

AUTOMATIC MACHINERY see Machinery, Automatic

#### AUTOMATIC PILOT (SHIPS)

Method of using the signal of ship deviation speed in the automatic pilot system. B. A. Grebenshchikov. Sbor. izobr v 1yb. prom za 1961 g. 103.

Ships without captains. M. Kurnosov. V mire knig 6 no. 6 '0 Je '66.

#### AUTOMATION

Algorithm for external sorting, V.A. Litvinov, Kibethetika no. 5:93-98 S-O '66

Annus, A. (Analysis of objects to undergo automation)

Automatiscerimisobjektide uurimine, Tallinn, Valgus, 1965. 145 p. [In Estonian]

At the exhibition "Interorgickhnika-65." A F. Sergeev. Mekh, stroi, 23 no. 12-25-28 D '06.

Automatic programming in Jacquard waving. E. I. Galynker, IA, M. Rebaibar, E. IA, Leizerzon, Nauch, -1841 trudy TSNILV 21:127-139 166
Automation of production and the formation of a new

type of worker in socialist industry A B Mnushkin Nauch, doki vys. shkoly, filos, nauki 4 no i 28-34 181.

Coal mine of the future. A. P. Sudoplatov and others.
Ugolt 12 no. 1 11-17 Ja *67.
Pvhibits "Mechanization and automation of the machinetool industry" at the Likibittion of the Achievements
of the National Economy Vest mashinosti 47 no. 1 of the National Economy 86-87 Ju '67,

Experimental testing of the photoelectric head for automatic programming in Jacquard weaving. IA M.
Rebarbar Nauch, -issi, trudy TSNIII.V 21 120-127 '66.

[Fundamentals of automating production operations in road construction] Osnovy avtomatizatsit protzvodstvennykh protsessov v dorozhnom strottel'stve. [By] V. I. Kelyshev i dr. Moskva, Transport, 1966, 222 p.

Machine tool units made of standard elements and automatic lines V P. Kriachko, Tekh, 1 org proizv, no. 6;26-10 N-D '66.

Methods for statistical studies of thermal processes in the suisage production for the purpose of their automation, A Pelegy, A. Brazbnikov. Mus ind SSSR 38 no. 1 30-33 Ja 167.

Prospects for automating ballast work. K.S. Isney V.N. Chepeley. Transp stroi. 16 no. 2;24-25 F Schools and industry should cooperate in the development of automated production processes. T. Oleinikov. Mak selev prom. 26 no 3:29-30 Mr '60.

Single-element mechanisms for feeding automatic lines with large resolution capacity. I. V. Bathr. Les. bum. i der. prom. no. 3;91-96 '66.

Some ways of increasing reliability of the equipment of coal mine automation. B. M. Senchuk. Shot, nauch trud, PNIUI no. 10:159-172 '66.

Something new in automation of concrete mixing shops. A.R. Minin, V.A. Pateev, Stroi. i arkhit. Len. 28 no. 12:22-23 D 166.

Suggestions for automating repair processes. V. E. Nemkova Put' i put khoz. 10 no 9 27-28 '66,

Using data units on cars for automating sorting station work, A. F. Polukarov. Vest TSNII MPS 25 no. 8:22-25 166.

#### AUTOMATION-ECONOMIC ASPECTS (see also subdivision under United States)

Determining the economic nature of automation. G. P. Basilaia, Trudy Thil. GU 412-213-251 165.

## AUTOMATION-SOCIAL ASPECTS

Sokolovskii, M.A. [Technological progress in the U.S.S.R. and its social consequences; a textbook] Nauchno-teklinicheskii progress v SSSR i ego sotsial'nye posledstvia, uchebnoe posobie. Sverdlovsk, Ural'skii gos univ., 1904. 39 p. (MH)

AUTOMOBILE DRIVERS see subdivision under Kharkov

#### AUTOMOBILE DRIVERS-EDUCATION AND TRAINING

Advanced expensence to students, N Goldin, Avt transp. 40 no 6 46 Je 162,

#### AUTOMOBILE INDUSTRY

(see also subdivision under Baranovichi, Gorkiy; Moscow)

Great prospects. Vnesh torg 46 no. II 53 166 Outlook for the development of the automobile industry of the U.S.S. R. in 1966-1970 A. V. Anders. Avt proin, 33 no, 1 1-2 Ja 167

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AUTOMOBILE INDUSTRY-MANAGEMENT (see also subdivision under Mogilev; Moscow, Ul'vanovsk)

Grouping enterprises of the automobile industry for calculating group norms for funds of economic stimulation. A.Z Revzlin, P. M. Katsura. Avt prom. 31 no. 15-8 Ja 467

AUTOMOBILE INDUSTRY—PRODUCTION STANDARDS see subdivision under Chimkent; Got kly

AUTOMOBILE INDUSTRY WORKERS see subdivision

#### AUTOMOBILE INDUSTRY WORKERS-EDUCATION AND TRAINING

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Dependeble hands. M Novomlinskii Sred spets.oh. 13 no. 7:33 Ji '66.

#### AUTOMOBILE TRAINS

Efficient use of automobile trains, M. Blinskii, A. Chuby kin, S. Sigalov. Avt. transp. 45 no. 1:24-25 Ja 167.

#### AUTOMOBILES

Determination of some parameters of the motion of an automobile using experimental data V. IA. Galkin and others Vych. met. i prog. 5 162-170 '65.

The 'Khadi-2" automobile with minim cylinder capacity A. Podraz Avt. transp 40 no 6 56 Je 162 New "Zaporozheta," IU, Sokolov, A. khorin, Tekh. v

sel'khoz. 27 no.1:40-41 '67

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A. Sabinin. Avi. transp. 40 no 6:42-43 fe '52

## AUTOMOBILES-SHOCK ABSORBERS

Dependence of the coefficient of dissipation of the energy of vibration from the amplitude of vibration for the sub-ber of shock absorbers. V. A. Kudrlavtsev, Kauch, i rez. 26 no.1.35-36 *67.

Tèlescopic shock absorbers of the 'Volga' automobile. G. Adestov, F. TSkhat. Avt transp. 40 no. 6'30-42 Je 162

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#### AY-SEREZ VALLEY-LANDSLIDES

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# AZERBALIAN—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

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# AZERBAIJAN—COMMUNIST YOUTH LEAGUE

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#### AZERBAIJAN-CTHONOLOGY

Some data on the ethnography of Azerbaijan in "Collected materials for the description of the regions and tribes of the Caucasus" E.A. Kerlmov. Izv. AN Azerb. SSR. Ser. ist., filted prava no. 3-65-ii '66.

AZERBAIJAN—FEED MILLS
Thour and feed mills in Azerbaijan for 10 years under the
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#### AZERBAIJAN-FISHERIES

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## AZERBAIJAN—FRUIT TRADE

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# AZERBAIJAN—GEOGRAPHICAL RESEARCH

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## AZERBAIJAN-GEOGRAPHICAL SOCIETIES

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## AZERBAIJAN—GEOGRAPHY

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### AZERBAIJAN—HANDICRAFT

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## AZERBAIJAN---INDUSTRIES

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### AZERBAIJAN-LOCUSTS

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## AZERBAIJAN-MEDICAL GEOGRAPHY

Materials on the geography of neural infections in the Azerbaijan S.S.R. F.M. Efendieva, Trud, Azerb. geog. ob-va 3,196-201 '66,

#### AZERBAIJAN---METEOROLOGY, AGRICULTURAL

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## AZERBAIJAN—OIL WELL DRILLING

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# AZERBAIJAN-PEASANTRY

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### AZERBAIJAN-PETROLEUM

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#### AZERBAIJAN-PETROLEUM PRODUCTION

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## AZERBAIJAN—POLITICS AND GOVERNMENT

AZERBAIJAN—POLITICS AND GOVERNMENT
Mil'man, A. Sh. [Political system of Averbulj in in the
19th and early 20th contary, administrative organs and
courts, ways and methods of colonial administration]
Politicheskii stroi Azerbaidzkana v XIX - machale
XX vekov, administrativnyl apparat i sud, formy
i metody kolonial'nogo upravienia. Baku, Azerbaidzkan
skoe gos. 1zd-vo, 1960, 317 p.

## AZERBALJAN—POPULATION

Population and cultural work in the Azerbaijan 9.5. H S. M. Rubinta. Trudy Azerb geog ob-va 3:146-177 (66

# AZERBAIJAN—RAILROADS

Development and distribution of railroads in the Arest noise S.S.R. B.A.Abdurakhmanov, Trudy Arest good ob-va 3/183-195/166.

# AZERBALIAN-REVOLUTION, 1017-1021

Soviet historiography of the socialist revolution in Azerbaijan. N. M. Kuliev. Izv. AN Azerb. 55R. Ser. ist., film 1 prava no. 3111-20 '66.

## AZERBAIJAN-ROAD CONSTRUCTION WORKERS

Road construction workers are your friends, S. Bartan Nottionik II no. 9:16 5 '46,

# AZERBAIJAN—SEDIMENTATION AND DEPOSITION

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## AZERBAIJAN—STORMS

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Alieva, Adel'. [M.F Akhundov and the theater, stage history of dramatingy] M. F. Akhundov i teatr, k stseni-cheskot istorii dramatingii Baku, izd-yo Akad nauk Azerkaid/hinskot SSR, 1966 106 p

#### AZERBAIJAN-TUBERCULOSIS

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#### AZERBALIAN-VEGETABLE TRADE

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#### AZERBAIJAN-WATER-COMPOSITION

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#### AZIMZADE, AZIM, 1880-1943

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# AZOV, SEA OF-GOBIES

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## AZOV, SEA OF-SALINITY

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### AZOV SEA REGION-BRONZE AGE

Shulls covered with resin in sepulchers of the Bronze Age, L. S. Klešn. Sov. etn. no. 2(105-109 Mr -Ag - 16).

# AZOV SEA REGION-FLUORSPAR

NAOV BLA RE-ORN-FIJORSPAR

Some characteristics of composition and structure of
fluoritie ores of Policova-Kiresvo deposit in region of
Sen of Arov. N. F. Konstantinov, A. I. Zaritskit, K. I.
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## AZOV SEA REGION-IRON ORES

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## AZOV SEA REGION—ROCKS, IGNEOUS

Comparison of structural data with the results of the determination of the absolute age of alkali rocks in the region of the Sea of Azov M.P. Semenenko, 1. D. TSarovs'kyi. Geol. zhur 19 no. 6 3-10 '59.

AZOV SEA REGION-SYENITE-ELASTIC PROPERTIES Elastic properties of alkali symbles of the "Oktyabriskty" Massif. A. IA, D'lachkova, V. S. Gorbenko, M. N. Kudilaviseva, Geoffe, shor, no 17:81-85 '88.

#### BCG VACCINATION

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Ribonucleic acid and glycogen content of the cells of he mopoletic tissues in healthy cattle and cattle with habesiasis I. M. Karputa¹. Vests: AN BSSR, Ser. sell-hasp nav no 1:117-121 '66

#### BABYLONIA—HISTORY

The temple and state in the Habylonia of the late period M. A Dandamack. Vest drey ist, no 4 17-39 '66

#### BACTERIA

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Purification of extracellular nucleodepolymerases of Serratia marcescens I B. Leshchinskaia and others Mila obiologiia 35 no 6:1094-1099 N-D 166

Schemes of dissociation of Bacillus brevis var. GB. G. G. Zhai ikova and others. Vest. Mosk. un. Sci 6; Biol., pochy. 21 no. 5:19-51 S-O '66.

BACTERIA, AUTOTROPHIC see subdivision under Sernoye, Lake (Kuybyshev Province)

#### BACTERIA, PATHOGENIC-PHYSIOLOGY

Production of hydrogen sulfide hy some microbes of the group of pathogens of natural focus diseases. I. A timeferva and others. Zhur, mikrobiot., epid, i unman 41 no 1/107-111. Ja. '67.

BACTERIA, PHOSPHORUS see subdivision under Sevan Lake region

#### BACTERIA, PHYTOPATHOGENIC

Gorlonko, M.V. [Bacterial diseases of plants, fundamentals of the theory of bacteriosis Bakterial nye bolezni rastenii, cenovy uchemia o bakteriozakh rastenii, 3. ispr., i dop. izd. [Moskva, Vysshala shkola, 1986.] 291 p. (DNAL)

Ridding cabbage seedlings of wire stem, A.M.Anisimov Trudy KHSKHI 56:20-25 466,

Succinic acid and wire stom of potators. IU Shneider, O. Khilkova. Zasheh. 12st. 12 no. 1.56 '67,

Susceptibility of phytopathogenic bacteria to kansatin 1 K H. Bel¹tiukova. Mikrobioj zhur 24 no 5 62-65

## BACTERIA, SULFUR

Microbiological study of some sulfide deposits of North-ern Caucasus. N. N. Lielikova. Z. P. Deriugina. Mikrobiologija 35 no.6(1012-1016 N-D 166.

Role of thionic bacteria in exidation of sulfide ores of Kafan deposits. G. I. Kai avaiko Mikrobiologiia 35 no.6:1004-1011 N-D 166

#### BACTERIA, SULFUR—CULTURES AND CULTURE MEDIA

Trends of isotope effect at early stages of sulfide oxidation by purpur breter is. E. N. Kondratteva, V. L. Mekhtieva, R. S. Sumarckova, Vest. Mosk. un. Ser. 6. Btol., pochv. 21 no.5.45-43 S-O '66.

Effect of surface active derivatives of sulfosuccenic acid of micro-organisms. 1.G Reznikov, E K Anufriev. Masl. -7hlr. prom. 32 no. 11 22-24 N 166

### BACTERIOPHAGE

Effect of phage on variability of Micromonospora valgaris, N.S. Agre, A.S. Troitskil, R.A. Radzhapov. Vest, Mosk, un. Ser. 6 Biol., pochv. 21 no. 5:39-44 S-O 166.

Lauzne, Emilija. [Phages, the companions of bacteria]
Faji - bakteriku pavadoni. Riga, Zinatne, 1986. 46 p.
[In Latvian]

Mutant of bacteriophage T4B sensitive to calcium ions V. N. Krylov. Genetika no. 12, 95-98 *66

Radiation injury and protection of bacteriophages containing one-strand RNA and DNA. IU. P. Vinetskii. Mikrobiologiia 35 no.6:1033-1036 N-D '66.

Structure of some bacteriophages of Bacillus coreus thm inglensis. S. B. Stefanov, IA. I. Rautenshtein, L. S. Khachatrian Mikrobiologiia 35 no.6:1064-1068 No.

## BACTERIOPHAGE—GENETIC RESEARCH

Main characteristics of molecular organization of isolated genetic determinants of small intestinal hacteriophage group R. N. Il'lashenko and others, Genetika no. il; 109-118 '66,

#### BACTERIOVIRIDIN

Compatizon of photocoldation of bacteriovitedin and bacteriochlorophyll in the reaction of photoproducts with reducing agents. A A Krasnovskii, E V. Pakshina, I M Sapozhnikova Dokl AN SSSR 172 no 3 727-730 Ja 167.

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Upper Karabili series and problems concerning its origin O I. Amurskii Trudy Turk goog ob-va no 2 58-85

Upper Quaternary facustrine-alluvial deposits of the Badkhyz and Karabil Uplands G Berdyev Turk, goog ob-va no. 2 106-115 [6]

#### BAGGING

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Portable machines for sewing-up sacks manufactured b, the "New-Long" Firm, Japan. I. Is emini. Zakup. sel'khoz, prod no 12:52 D '66.

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Vertical structure of northwest wind over Lake Baikal, G. A. Gubar'. Trudy Lim. mst. 10 109-117 166.

BAIKAL, LAKE-WORMS, INTESTINAL AND PARASITIC Fish heliminths in Lake Baikal, A.M. Parulhin, V.A. Mironov, Uch. zap. GGU no. 50:308-311 '59.

BAIKAL LAKE REGION-ATMOSPHERIC PRESSURE Distribution of atmospheric pressure at sea level in Lake Baikal region, V.A. Krotova, L.I. Lut, Trudy Lim, inst. 10-14-33 *65.

## BAIKAL LAKE REGION-CLIMATE

Climatic factors for development of construction of health resorts in Lake Baikal Legion. V. V. Bufal, N. P. Ladetshchikov. Trudy Lim. Inst. 10-139-150 '66.

Radiation regime of Lake Baikal depression and its role in formation of climate, V.V. Bufal, Trudy Lim. inst, 10:34-70 '66,

## BAIKAL LAKE REGION—EARTHQUAKES

Heat flow across the bottom of Lake Baikal, E. A. Liubimova, V. A. Sheliagin, Dokl, AN SSSR 171 no. 6:1321-1324 D '66.

DAIKAL LAKE REGION—HEALTH RESORTS, WATERING PLACES, ETC

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# BAIKAL LAKE REGION—HYDRAULIC ENGINEERING

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# BAIKAL LAKE REGION—LEAD ORES

DAMAN LIARA REGION—LIBAD ORES Some characteristics of distribution of lead-zine minerali-zation in western part of Lake Baikal region, V. K. Shatatov, Izv. vys. ucheb. zav ; geol. i razv 10 no. l. 60-66 Ja 67.

BAIKAL LAKE REGION—SOLAR RADIATION Radiation regime of Lake Baikal depression and its role in formation of climato, V.V. Bufal, Trudy Lim, inst. 10 34-70 166.

### BAIKAL LAKE REGION-ZINC ORES

Some characteristics of distribution of lead-zinc mineralization in western part of Lake Batkai region, V.K. Shatalov, Izv. vys ucheb, zav., goel, i razv. 10 no.1.60-66 Ja '67,

Prospects for the development of cooperative baking. G. V. Suverkin. Khieb. i kond. prom. 10 no. 12:6-9 D 166 Quality improvement and assortment increase of goods. M.S. Dinaburg. Khleb.i kond.prom. 10 no.12:30-32 D '66.

#### BAKERIES-EQUIPMENT AND SUPPLIES

- Calculation of flues for gas combustion in conveyor overal I I, Makliu) ov Khileb I fond prom 10 no 12 10-13
- ( o sting alarminim balting molds with the K-58 variable I, D, Tiethak Khlob i kond prom 10 no 12 35–36 D  $^{16}\mathrm{b}$
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#### BAKU-LEPTOSPIROSIS

Case of leptospirosis in Baru. T. A. Tagizade, S. I Meva. Azerb, med. zhur. 43 no 12 39-41 D 66.

## BAKU—POLITICS AND GOVERNMENT

May the workers of Baku struggled for the catablishment of the Transcau asian Federation G M Gasanov, Frudy Inst 1st partii [Azerb ] 27 278-290 '64,

#### BAKU-REVOLUTION, 1917-1921

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## BAKU-REVOLUTION, 1917-1921-PICTORIAL WORKS

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#### BAKU-SUBWAYS-DESIGN AND CONSTRUCTION

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# BAKU ARCHIPELAGO—CURRENTS (HYDROLOGY)

Currents in the Apshei on and Baku Archipelagoes. Furman, Trud, Azerb geog.ob-va 3 154-151 '86

## BAKU BAY-GEOLOGY, STRUCTURAL

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# BALAKOVO (SARATOV PROVINCE)-GRAIN ELEVATORS

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# BALASOGLO, ALEKSANDR PANTELEIMONOVICH, 1813-? Verse by Veronov. 1. Kaufman, V mire knig 6 no. 6; 45 Je '66,

## BALCONIES

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## BALKAN STUDIES

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# BALKAR SCULPTURE see Sculpture, Balkar

## BALKARS

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Socioeconomic and political system of the Balkars in the 18th century, N. Kh. Tkhamokov Uch zap. Kab. -Ball gos. un no. 27 22-34 '65.

#### BALKHAN RANGE REGION-PALEOGEOGRAPHY

IU: evich, A L [Composition and conditions governing the formation of Akchagy! sediments of the Balkhan region of southwestern Turkmenta] Veshchestvennvi sostav i uslovita obrazovanila akchagy! skikh cilozhenti Pribalkhanskogo ralona 10go-Zaprdnot Turkmenti, Moskva, Nauka, 1966. 199 p. (Akademita nauk SSSR Geologicheskii institut. Trudy, no. 164)

# BALKHAN RANGE REGION-ROCKS, SEDIMENTARY

IUrevich, A. L. | Composition and conditions governing | The formation of Akchagyl' acdiments of the Balkhan region of southwestern Turkmenia| Veshchestvennyi sostav i uslovila obrazovanila akchagyl'skikh otlozhenii Pribalkhanskogo raiona IUgo-Zapadnol Turkmenii Moskva, Nauka, 1966. 199 p (Akademiia nauk SSSR Goologiche-skil institut Trudy, no 184)

#### BALKHASH LAKE REGION-METASOMATISM

Vertical metasomatic zonality in Late Hercynian volcanoplutonic formations in nothern part of Lake Balkhash tegion V N Laun Dokl AN SSSR 171 no 6-1109-1412 D '66

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Prospects for automating ballast work. K.S. Isaev. V. N. Chepelev. Transpistroi. 16 no. 2;24-26 F '66

#### BALLAST (RAILROADS)-CLEANING

Machine 3 work uninterruptedly, I. I. Viagov, N. I Litvi-nov Put' i put kho: 10 no 7 19-21 466

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#### BALLAST (RAILROADS)—CRUSHING AND GRINDING

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## BALLENY ISLANDS—SEA ICE

Ice accumulation in the region of Balleny Islands Shill nikov Inform biul Sov antark eksp no 28 27-

#### BALLET

Gabovich, M.M. [Inspired flight; the art of ballet] Dushol Ispolnennyl polet, ob Iskussive baleta [Moskva] Molodala gvardila, 1996. 170 p

## BALLET DANCING

Chasical dancing in Russia, Il Nadizidina, V mire Pnig 6 no. 6:36 Je '66,

## BALTABOLA, PAULA, 1891-

Gudrike, Birula. [Heart given to the stage; Paula Baltabola in her life and art] Skatuvel atdota strda; Paula Baltabola dzive un maksla. Riga, Liesma, 1996. 218 p. [In Latvian]

#### BALTIC REGION-RAILROADS-TECHNOLOGICAL INNOV ATIONS

Plans are becoming a reality, IU.N. Vol'kovich. Put' i put. Phoz 10 no. 10 29 '66.

#### BALTIC REGION-ROAD CONSTRUCTION-CON-GRESSES

Conference of road builders of the Baltic states, M. V. Rabinavich Avt. doi: 24 no. il; 32-3 of cover N '61,

### BALTIC SEA.-HERRING

Vertical distribution of herring during winter and spring in the Baltic Sea, L.A.Rannak, Trudy VNIRO 60:229-246 466,

BALTIC STATES—ANIMAL INDUSTRY—STATISTICS Figures must be practical. I. Kondrakhov. Zakup. sel'khoz.prod. no.12;9-10 D '66.

## BALTIC STATES—LABOR SUPPLY

The labor resources of Soviet Baltic Republice] Trudo-vye resursy pribaltiiskikh sovetskikh respublik. Riga, Zinatne, 1987. 147 p.

# BALTIC STATES—POLITICS

Arumác, Heino. [Bohind the scenes of the "Baltic Alliance"; from the history of the foreign policy of bourgeols Estonia in 1920-1925] Za kultsami "Ballit-skogo soluza"; iz istorii vaesinei politiki burzhuaznoi Estonii v 1920-1925 gg. Tallinn, Eesti Raamat, 1988, 278 p.

## BANACH SPACES

Orthogonality in L. spaces. L. N. Poliavskii. Vest. Mosk, un. Ser. l: Mat., mekh 22 no. 1:47-50 Ja-F '67.

#### BANKS AND BANKING

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## BANZAROV, DORZHI, 1822 ?-1855

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#### BAPTISTS

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How the ideologists of the Baptists try to accommodate themselves to present-day conditions. V.O. Rydoliak, Pyt. atciz. no. 1.51-61 [155].

Mitrokhin, L.N. [Baptists] Baptizm. Moskva, Polit-Izdaf, 1966. 263 p. (Biblioteka "Soviememye religir) News from the parishes. But vest no 1:77-70 ten.

Religious doctrine of Evangelic II Christians and Biptists IV Kargell. Brat vest, no 115-18 166,

## BAPTISTS-CLERGY

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## BAPTISTS—CONTROVERSIAL LITERATURE

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#### BAPTISTS—RELATIONS

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## BARANOVICHI--CLOTHING INDUSTRY

Baranovichi Clothing Factory I I Gorelik, I. N. Mirranovich, Prom Bel. 10 no. 1 38-39 Jul 167.

## BARBERSHOPS-DESIGN AND CONSTRUCTION

Chesnokova, G.A. [Dosigning barbershops and haltdressing establishments]. Prockth ownie parlkmakherskich Moskva, Stroilzdat, 1986, 87 p.

## BARENTS SEA-CODE ISH

Change in the growth of codflob of Barento Sea in pelation to environment, T. F. Dement'eva, F. M. Mudervich, Trudy VNIRO 60:247-256 *to.

Duration of cod schools, their componition according to size and distribution in fishing grounds of Barenta Sea. K.G. Konstantinov Trudy VNIRO 66 171-159

## Barents sea—Fishes

Some results of underwater observations in Batemia Sea. I. I. Lagunov. Trudy VNIRO 60:161-107 *66,

## BARENTS SEA-HADDOCK

Change in the growth of haddock of Barenta Sta in : clation to food supply. N. A. Khaldinova. Trudy VNIRO 60:257-270 | 166.

BARGES see subdivision under United States

BARITE see subdivision under Krivey Reg Basin

## BARIUM FERRATES-MAGNETIC PROPERTIES

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#### BARIUM TITANATE CRYSTALS--DIELECTRIC PROP ERTIES

Dialectric constant of barium titanate single crystals with laminar domain structure. A. V. Turik. Fiz. teer. tels 8 no. 11;3269-3273 N '66.

#### BARIUM TITANATE CHYSTALS-ELECTRIC PROP-ERTIES

Temperature dependence of electroconductivity of hydrogen-rduced pure and iron-ond cobalt-doped HaTiO₃ crystals. B, N. Matsonashvili. Fig. tvor.tcis 8 no. ll: 3439-3442 N '66.

Temporature dependence of electro-conductivity of ture and it on- and cobalt-doped BaTlO, crystals. B. N. Matsonsshvill. Fiz. tver. tela 8 no. 11:3232-3236 N '56.

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#### BARLEY

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## BARLEY---MILLING

Quantitative and qualitative balance in the production of gent barley. M Ginzburg, Muf. - dev.prom. 33 no.1 20-25 Ja '61

#### BARMINA, MARIJA PAVLOVNA, 1896-

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#### BARNAUL-CLERKS (RETAIL TRADE)

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BARNAUL-COMMUNIST PARTY OF THE SOVIET UNION We must demonstrate more initiative. N Baranenko, Part zhizut no. 1937 F 167.

#### BAROMETRIC HYPSOMETRY

New method for barometric hypsometry or farmland using an anerold barometer P. M Orlov and others Dokl ISKHA no 44 125-137 *59.

#### BAROQUE ART see Art. Baroque

### DARRELS

Barrel with a removable bottom Shor izobi v ryb promi zn 1961 g. 162-63

Device for applying labels to a barrel. A. A. Shahanov. Shor.izobi.v:yb.p.om. a 1961 g 66-67.

Machine for cutting the bottoms of a burrel. A, A, Malkov. Shor iz obi v 1yb. pa om za 1961 g.:60-61.

Unit for mechanical enameling of barrels D F. Bacharin. Ryb. р. от. по.53;63-65 '60

## BARRELS-STERILIZATION

Device for the steam sterilly attorned barrels. M. A. Koytun. Shordzobry yigh prom. 2a 1951 g.;63-64

### HARRIER PILLARS---MODELS

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Effect of carep and aging on stability of compressed rods, L. F. Prokopovich. Strot mekh, trasch, soor 5-9 67.

Stability of a plane-type bending of a free bar. B.S. Kovailskii. E.G.Khomiakov Prikl mekh 2 no 12:125-Kovai skii, E. G. Khominkov 128 66.

Studying stability of occentrically comptensed elasto-plastic rods. S.D. Leites, A.G. Hazdoffskii Stroi, mekh, i rasch, soor. 9, no. P.1-5, 167.

### BARS (ENGINEERING)-DEFECTS

Sm face defects of die-rolled sections of transverse heli-cal rolling. F. M. Bortunov and others. Stall 21 no. II. 1005-1008 N. 161

# BARS (ENGINEERING)—THERMAL PROPERTIES

Residual deformations of a red with a nominifer m coefficient of thermal expansion under cyclic heat conditions. A. M. Kosavich, I. N. Kibets, L. D. Sheptovitskii, Fiz., met.i metalloved, 22 no.6:816-822 D '86.

# BARS (ENGINEERING)-VIBRATION

Vibration in rods of varying cross section. B. A. Rotgauz, Strol. mokh, i rasch, soor. 9 no. 1.38-40 *67.

### BARYONS

Correlation between coupling constants of summit 70*56 35, D V Volkov, F. A. Kuratev, V I. Tkach, Ukr, fiz. zhu: Il no (2:1296-1301 D '86.

Disciromagnetic decay and the electroproduction of the  $3l_2^+$ -resonance, V. B. Beliaev, Dao Wong Dyk, Nguyen Van Hieu. Doki AN SSSR 167 no. 2:312-315 Mr 166,

### BASALT see subdivision under Stanovoy Range

### BASHKIRIA---ALCOHOLISM

Alcoholism and alcoholic mental disorders according to data of Bashkh Republic Psychiatric Hospital for the period 1947-1957. S. M. Sunargulova. Trudy Gos. nauch, isst. inst. psikh. 26:305-300 '61.

#### BASHKIRIA-CAVES

has at caves in Oktyabriskiy District of the Bashkir A S.S.R. B.V Vasilier Peshchery no 2 47-46 %

BASHKIRIA—COMMUNIST EDUCATION

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## BASHKIRIA—COMMUNIST YOUTH

[Chemists, builders, creators] Khimiki, stroitell, tvortsy, Ufa, Bashkirskos knizhnos izd-vo, 1960. 74 p.

## BASHKIRIA -- CONSTRUCTION WORKERS

[Chemists, builders, creators] Khimiki, stroitell, tvortsy. Ufa, Bashkirskoe knizhnoe izd-vo, 1960.

#### BASHKIRIA-ECONOMIC POLICY

[The seven-year plan ahead of time] Semiletku dosrochno. Ufa, Bashkirskoe kufzhuod izd-vo, 1962, 93 p. (NNC)

#### BASHKIRIA-GAS FIELD DEVELOPMENT-COSTS

Accounting for overhead costs in construction A Bashi-10v. Bukhg uchot no 12,38-39 D 566.

# BASHKIRIA—LIBRARIES AND READERS

the past as well as the future. I Minigalcev. Bibliotekar' 44 no.2 ll-14 I '67.

#### BASHKIRIA---MENTAL ILLNESS

Alcoholism and alcoholic mental disorders according to data of Bashkir Republic Psychiatric Hospital for the period 1947-1957. S. M. Sunargulova, Trudy Gos, nauch period 1947-1957. S. M. Sunarguid issl. inst. psikh. 26:385-390 '61.

#### BASHKIRIA-OIL WELL CEMENTING

Developing methods of excluding bottom vaters in Deve-ntan oil fields of Bashkiria. I. I. Kravchenko, E. N. Umrikhina. Nauch -tekh shor po deb nefti ne. 3:98 -

## BASHKIRIA--OIL WELL DRILLING-COSTS

BASHKRA—OIL WELL DRILLING—COSIS

Sanikhov, M.M., [Potentialities for lowering expenditures
in construction of oit wells; as exemplified by drilling
enterprises in Bashkirla] Rezervy satzhenila zatrat v
stroitel'stve nefilanykh skvazhin; na primere burovykh
predprijatli Bashkirli. Moskva, Nedra, 1966, 167 p.

# BASHKIRIA--OIL WELL DRILLING-LABOR PRODUC-

Striving for speed. P. Pechishchev. Neftianik II no. 8 28-29 Ag '86.

#### BASHKIRIA—PARAFFIN WAX

Urgent problem is to be solved faster, Neftlanik II no. 8:24 Ag '66.

## BASHKIRIA-PETROLEUM PRODUCTION

Basikir petroleum workers are striving for oil. A. Chisin and others. Neftianik H no. 9 5-10  $\,\mathrm{S}^{-1}66_{+}$ 

Studying and establishing the production program for oil wells with bottom pressure reduced below the saturation pressure in the Devonian layers of the Tuymazy field and D. layer of the Konstantinovka field. S. A. Lebedev V. F. Usenko. E. A. Andreev. Nanch. tekh. shor, podob. nefti no 3:82-83 159. S. A. Lebedev

## BASHKIRIA-PETROLEUM PRODUCTION-COSTS

Accounting for overhead costs in construction A. Bashi-1 ov. Bukhg.uchet no.12;38-39 D '66.

## BASHKIRIA-PETROLEUM REFINING

Ten years of Bashkir Research Institute of Petrolcum Refining, K. Kosh in, Neftianik B no. 8 14-16 Ag '66.

## BASHKIRIA—PUTROLEUM RESEARCH

Ten years of Bashkir Research Institute of Petroleum Refining K Kostrin, Neftianik II no. 0:14-16 Ag '66,

BASHKIRIA—PETROLEUM WORKERS Long, good watch, S. Ishchenko, Neftianik 11 no. 10-7 O 166,

# BASHKIRIA—PROTECTIVE COATINGS

Urgent problem is to be solved faster. Neftianik 11 no. 8.24 Ag '66.

## Basilar artery—diseases

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Problems in the clinical aspects and pathogenesis of the ombowis of the vortchral and basitar arteries, D. G. Shefer, Z. S. Mancils, N. A. Chuptitanova. Zhur, nevr. i psikh. 62 no. 11:1647-1655 162.

Role of lesions of the extracranial segment of the vertebral arteries in disorders of carebral circulation, N. V. Vereshchagin. Zhur, novr, i psikh 62 no. ll 1654-1660 | 62,

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### DATHOMETER

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#### BATHROOMS see subdivision under Khabarovsk

BATHROOMS-DESIGN AND CONSTRUCTION (see also subdivision under Maritime Territory)

Securate calculation achieves proper results G.D. Kabanko, Stron i arkhit Len 28 no 7 20-21 J1 '66

## BATHS, MEDICATED

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Changes in tissue melein metabolism in experimental athereselerosts under the effect of hydrogen sulfide boths. Z. A. Solodova. Vop kur., fizioler i lich fizbult. 31 no 6 501-509 (gs. Diffect of hydrogen sulfide baths on blood on culation and

the processes of functional adaptation in dogs with  $\epsilon$ per imental ather oscierous N.R. Chepikova Vopkur i fizioter i fech fiz kul't 31 no 6 197-504 '66.

Morphological changes in the animal skin under the effect of artificial sodium chloride baths. V V. Soldato Vop kur., fizioter i lech fizikult. 31 no 6512-517 Significance of uphthalmodynamometry in differential

sulfide boineotherapy in oblitcrating endarteritis. A. A. Melodiev. Vop km., fizioter i iech-fiz.kult 31 no 6:192-196 '66. Treatment of patients with obliterating endarteritis by

means of artificial hydrogen sulfide baths from the waste of the by-product coke industry M. I. IAtsenko, V. R. Faitelberg-Blank. Vop kur., fizioter, riech, fiz., kult., 27, no. 6, 525-528, N.-D. 462,

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#### BATHS, SEA

Effect of weather during solar-vir and sea baths on arterial pressure M.I. Mekler. Vop. kur i fizioter thech.fiz kul? 31 no.6 551-558 %

## BATHYSCAPHE

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Study of ocean using new submarine equipment, P.A. Borovikov, V.P. Brovko, P.A. Kaplin Okeanologita 6 no. 6 1113-1120 166.

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Choice of an alternative in shutting in wells in the Bayly oil field O. I. Dorokhov. Nauch, -tekh, sbor, po dob. netti no 8 61-66 160

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Calculating tapered hydrostatic thrust bearings. O. Bogdanov, G. P. Kudi lavisev. Det. mash, I pod'em.-transp. mash. no. 1.2 1-30 '85.

Design of hydrostatic bearings. G.S.Emel'ianov. Vest, meshinostr. 47 no.1;25-27 Ja '67.

Designing of thrust bearings, I. IA, Tokari, B. I. Bialyi, A. S. Shain. Energomashinostroente 12 no. 11. 28-31 N '88.

Determining optimal proliminary tightening of doubled radial thrust bearings for the heads of diamond borlog machines. G. G. Linkova, K. V. Lomakin, M. M. Oliklikh. Stan. i instr. 38 no.15-8 Ja *67.

Experimental investigation of hydrostatic thrust bearings, G. P. Kudriavisev. Det. mash. i pod'em, -transp. mash. no. 1:64-68 '65.

Temperature check in thrust bearings of hydrogenerators. A.E. Aleksandrov, Elek. sta. 33 no 3 44-47 Mr '62

Using induction heating for hardening bearing rings. 1.1. Kantor and others. Trudy SIMSKH no.24'77-88 '61.

#### BEARINGS (MACHINERY)-LUBRICATION

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#### BEAUTY SHOPS-DESIGN AND CONSTRUCTION

Chesnekova, G.A. [Designing barbershops and hairdressing establishments]. Prock til ovanie pårikmakherskikh. Moskva, Stronzdit, 1966. 87 p.

BEAVERS see subdivision under Dnieper River

#### BEBEL, AUGUST, 1840-1913

Behel, August, From my life, Translated from the German iz moci zhizni, Moskva, Gos.izd-vo polit, ltt-1y, 1963, 799 p.

(OU)

#### BEDSTRAW

Phytochemical study of the Russian bedstray (Gallum ruthentoum) Report No. 1 M. I. Borysov, IU. H. Borysuk Farmatsey zhur. 16 no. 3.43-47.163

#### BEE CULTURE

History and conditions for further development of the Sourch bee culture. A N. Mel'nichento. Uch. 2ap. GGU no. 50 212-237 '59.

Use of antiblotic stimulators in beclieping P.P. Ropanovich Vest selfhoz mark il no.12;87-91 D '66.

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Meat productivity of young black and white bulls ; nised at various levels or feeding A. M. Akulava. Vestsi AN ESSR, Ser. sel'hasp nav no 4;84-88 '66

## (see also subdivision under Guria)

Communication movements of bees in the hive during the period of honey collecting, their nature and importance. A N Mel'nichento, O N, Selezneva, Uch, zap GGU no 50;228-246 '59

Correlation between the number of bees on flowers and the indices of nectar productivity in plants. A. Mitrofonova. Uch zap. GGU no. 50:208-211 159.

### REESWAX

Wax productivity in the high-mountain bees of Guria I.D. Mumladze Soob, AN Gruz SSR 27 no. 2 195-189 Ag

### BRETLES

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Feeding habits of Phytonomus meles F. and Phytonomus nigrirostris F (Coleopters, Curcultonidae), clover pasts. T. R. Icanistiani, N. K. Laurova, A. U. Birg, Vestsi AN BSSR, Scr. biial nav. no. 3-115-118 '66.

Mass multiplication of the sugar beet weevil Bothynoderes punctiventris Germ N. A Taran. Trudy KiSKHI 55: 71-78 '866

### BEETLES-EXTERMINATION

Contact to leity of organochlorine compounds for the sugar best weevils Both, noderes punctiventris and Tonymeeus pallitatis N M Permiakova, 1 G Molchanova Khim, v sel' khoz. 5 no 1,31-32 Ja '67.

Oxidative phosphorylation and glycolysis in the issues of the sugar beet weevil Both, noderes punctiventies pot-soned by inscriticales. K. A. Gar and others. Khim v self khoz, 5 no 1 27-30 ja 161.

### BEETS-DISEASES AND PESTS

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## BELEMNITES see subdivision under Caucasus

# BELGOROD-ACTIVITY PROGRAMS IN EDUCATION

Encounters with the beautiful. G. V. Shlakanev. Vcch. sred. shkola 9 no. 5:76-77 S-O '66.

#### BELGOROD-DNESTROVSKIY (UKRAINE)-FLOUR MILLS

Labor achievements in the anniversar, year by the collectric of the Belgorod-Directrovskiy Milling Com-bine - F. Kratov - Muk, -elev prom. 33 no 110 Ja 167

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#### BELGOROD PROVINCE-COLLECTIVE FARMS

Economic effectiveness and characteristics of the specialization of collective farms in Belgoral Province. S. Morsin Vest, sel'-hoz nauki 11 no. 11-76-85 '66

#### BELGOROD PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION-PARTY WORK

Businessiske methods are the most important features of style N Vasil'cv Part, thirn no 4 28-31 F '67,

#### BELGOROD PROVINCE-YEGETABLE TRADE-MAN-AGEMENT

Who needs impractical plans D. Gritsenko. Zakup, self-hoz, prod. no 8 46 Ag 166.

#### BELLADONNA

Preparation of diluted dry belladonna extract under pharmacy conditions N M kovalichuk I armatsev, zhur 17 no. 2 81-82 '62

## BELOV, NIKOLAI VASIL'EVICH, 1891-

Nikolai Vasil'evich Belov, on his 75th birthday N.N. Vest Mosk un, Set 4 Geol 21 no 6 1-7 N-

### BELOVEZHSKAYA PUSHCHA-GROUND BEETLES

Ground beetles of genus Carabus I. in Byalovezhska Pushcha 1 TS, Arzamisau Vestsi M BSSR, Sci bilal nav no 4 H4-H8 166

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## BELTS AND BELTING-TESTING

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#### BENDING MACHINES

Experimental investigation of force conditions for bending sheet materials by roll forming methods, K.N. Begolavlenskii, A. K. Grigoriev, Tiudy LPI ho 250 63-67 65. SHLG-61 Hydraulic mathine for bending sheet metal for tires. Prom strol. i inzh. soor. 8 no. 6:37 N-D '66.

Semiautomatic pneumatic hending maching P M. Pchel's nikov Mashinostroitel' no.1,21 Ja '67.

## BENGUELA CURRENT

Fluctuations in the intensity of Benguela Current. A, V. Formehev. Trudy VNIRO 60:59-68 '66.

## BENTHOS see subdivision under Kama Reservoir

## BENTONITE

Practice of using bentonite for grouting rocks in under-ground construction in Hungary (conclusion) I. K Stanchenko, M I Cheltsov, Shakht, stroi. 5 no. 11, 27-30 N 161

Alkylation of benzene with isosm lenes in the presence of sulfuric acid. M. M. Melik-Zade and others. Sbor tiud Az NH NP no. 3 312-319 158.

Alkylation of o-dihalohenzenes with propylene in the presence of sulfuric acid, IU.G. Mamedaliev, R.S. Alimardanov Dokl, AN Azerb SSR 18 no. 3 21-23 162

Comparative data on the kinetics of henzene hydrogena-tion on Ni-Cu- and Ni-Co alloys. E. I. Ev/er ikhin, G. D. Liubarskii. Kin. i kat. 7 no. 6;1085-1088 N-D '66.

Dielectric relavation in concentrated solutions of certain halogen delivatives of benzene, L. M. Imanov, K. E. Zulfugarzade Izv. AN Azerb. SSR. Ser. fir -mat. 1 tekh nauk no. 5 39-44 162

Effect of conditions of isopropylbenzene hydroper oxide composition by sulfuric acid on for mation of mosityl oxide V. A. Levshtein, Z. A. Pravdiviseva, V. A. Sidorov. Nefteper, i neftekhim no.12,33-35 '66.
Ottaining pyromellitic dishbydride by o dation of durenc fraction A. Kh. Sharipov, T. M. Khannanov, N. M. Beksheneva, Nefteper, i neftekhim no. 8,33-35 '66.

Sulfuric acid method of purifying benzol, A.P. Kolesov, V.Z. Sokolov, Koks i khim, no 5-41-44 162. Synthesis of tagged normal amylbenzene containing car-bon Cl⁴ in a side chain in the position 1 of the benzene ring. M M. Melik-Zade and others Sbor, trud Az NII

NP no. 3:306-311 '58.
Thermodynamics of benzene alkylation by propylone. N. A. Smitnova, A. A. Bakhshi-Zade, I. I. Pis'man, Azerb neft, khoz, 45 no. Ii;37-39 N 166.

#### BENZENE-ELECTRIC PROPERTIES

Temperature dependence of dielectric relaxation to a mile Ralogen der tyatives of benzene L. M. Imamov, K. I., Zul'fugar zade – Dokt. AN Azerb. 48R - 18. no. ; 10-11. 442

#### BENZENE DERIVATIVES

Photocolor imetric determination of meterplane by neurof 2, 4-dinite often oben one - S 1 Otemper merkate IU N. Tikhonov. Vest Mosk un. Ser 2; Khim 21 no by 95-98 N-D 466.

BENZENESULFONIC ACID
Using contringation for removing amountum rates of
benrenesulfonic acids from all plumol. At t. Aftis
fanov and others. Nefteper, i neftekbin. no B ill of
166

#### BENZIMIDAZOLE

Study of the solubility of dibasel and of the optimum conditions for extracting it from aqueous solutions using organic solvents. Latinately shull 17 nm / 28-31 162.

#### BENZIMIDAZOGE-PHYSIOLOGICAL DI FECT

Resistance to the cold and heat in animals receiving dibazol or subjected to muscular training and hee line tization V IA, Rusin. Fiziol, thur, 49 mg, 445 to 19

#### BENZOIC ACID

Catalytic ester ification of benzole acid with dibutyl cri-N S, Kozfov, A. G. Klein, Uch, zap Perm, ped, her 32 72-76 *65.

Rhodotorula flava B-322 yeast as an indicator of pater amino-benzole acid. S. V. Zhukova, R. N. Odlid in st. Dokl. AN SSSR 172 no. 3,706-708 Jan 167.

#### BENZOPYRENG

Detection of 3, i bon oppose in soil, N. P. Shehell st. Vop. onk. 13, no.1:77-80, 167

Methodology of determining small doses of % 1 bin september in the skin in mice. L. A. Andrianov Histories biol-1 med 63 no 1,100-102 Ja 167

#### BENZOQUINOLINE

Synthesis of 5, 6-benzoquinoline derivatives. Synthesis of 2-pheny1-5, 6-benzoquinoline-4-addelyde and at 5, of its condens ition with substances having mobile hydrogen atoms - N. S. Kozlov, V. V. Misenzimíkov, - Och - q Perm ped, inst - 32-50-56-165

Dehydrogenating activity of polytrylero quinones. A 3 Bertin and others – Lev. AN 595R, Ser. Rhim – no 150 56 Ja. 167.

## BENZOXAZOLE

Possibility of certain methods of catalytic synthesis of hencovazoles, N. S. Kozlov, B. I. Kinetev, Reb. 74 Perm. pcd. inst. 32 21-28 485.

# BENZYL ALCOHOL

Proprimental induction of necroses in the myocytelium with landrine (teopropylnor ad englis). IU, V. An Jack vich, A. Z. Amelin, M. IA, Melzoba, Kardiologii; 3 no ml-16 Jan - P 464.

## BERANGER, PIERRE JEAN DE, 1780-1857

Muravieva, N.I. [Beranger] Beranzhe. Moskva, Molo-dala gvardHa, 1905. 316 p. (Zhizni zamechatelingkii lludel. Serifa biografii, no.7) (CaAEU)

# DERING SEA-MARINE FAUNA

[Explorations of the Far Eastern seas of the U.S.S.H.] Issledovantia dal'nevostochnykh morei SSSR, Lentagrad, Izd-vo Akad, nauk SSSR, 1941-1962. 8 v. (OrCs)

# BERKOV, PAVEL NAUMOVICH, 1806-

# BERLIN, BATTLE OF, 1045

Rzhovskata, E.M. [Berlin, May 1945] Berlin, mai 1945. Izd, dop. Moskva, Sov. pisatol', 1967. 366 p.

BERRIES see subdivision under White Russia

BERRIES-GRADING see subdivision under Krasunder Territory

BERTHERITE see subdivision under Kuramavar

Milernation processes of beryl. M. D. IAkovleva, Tint. Min. mar. no. 12 145-155 [6].

Effective method for the quantitative determination of disseminated beryl in greinen ores. S. I. I chedeva, Trudy IMGRE no. 4,209-213 [60].

Morphology of beryl crystals. V. A. Vanillev. Zap. Varumin. ob-va 95 no. 6:726-720 '66.

## BERYL, EFFECT OF TEMPERATURE ON

Effect of calcination on structure of alkali beryle. V. A. Frank-Kamonetaldi. T. A. Sosadko. Zap. Vses. min. ob-vs 95 no. 6;728-736 '66.

#### BERYLLIUM-METALLOGRAPHY

Hier or elief of beryllium condensate surfaces. L.S. Paintnik, A. I. Fedorenko - Fiz met i metalloved - 22 no 6:936-938 D | 66.

#### BERYLLIUM COMPOUNDS

Samsonov, G. V. [Beryllides] Berillidy Kicv, Naukova dumka, 1960 107 p.

Structure of complex compounds of heryilium oxyacetate with ammonia and diphatic primary ammes A. I Grigorte, A. V. Novoselova, Doki, AN 888R 167 no 2 342-345 Mr 156,

#### BERYLLIUM CRYSTALS-GROWTH

Growth textures in beryllium condensates 1.85. Polatnik.
A.I. 1 edorenko Fiz met. 1 metalloyed 22 no. 1,637-639 O '66.

RERYLLIUM-GERMANIUM ALLOYS see Germaniumberyllium alloys

BERYLLIUM-IRON-NICKEL ALLOYS ace Iron-berylllum-nickel alloys

#### BERYLLIUM ISOTOPLS

Content of the natural radioisotope of heryffung 7 in the atmosphere at altitude of 9-10 kalometers. N. T. Politikov, I. F. Smarnov. Geokhama e no 11 967-970. [6] N T Politi-

#### BESSEL'S FUNCTIONS

Necessary and sufficient conditions for establishing the solution to the Cauchy problem. V. D. Repnikov, S. D. Fidel'man. Doki, AN SSSR 467 no. 2 208-301 Mr. 456

#### BESSEMER PROCESS

Effect of certain technological factors in oxygen-blown converter smelting on war of periodase-spinel bricks. S. I. I ifshits, V. I. Futin Ogneupory 31 no 12:27-32 D 166.

Karlik, V. A. [Automatic control of steelmaking in oxygen-blown convertors] Avtomatizatsila proizvodstva stali v kislorodnykh konverterakh. [Moskva, Metallurgita, 1967] 282 p.

Making steel in 95-ton conveilers with top oxygen blow, S. G. Afan is ev and others. Stall 22, no. 5, 408-412. My 162.

Technology of producing a low carbon semilialished prod-uct with an increased temperature. I. G. Shumakov and others, Stall 21 no. 11:986-991 N. tol.

#### DESSEMER PROCESS-THERMODYNAMICS

Thermodynamic ovidation reactions in a converter bath, A.R. Ivanov, V. V. Aikhipov, Izv, vys ucheb, av , chein, met 10 no 1,34-40 '67,

BEST BOOKS-BIBLIOGRAPHY see Bibliography-Best books

## BETA RAYS-PHYSIOLOGICAL EFFECT

Determination of the absorption by the skeleton of \$\beta_{\text{putitive}} = \text{cuttive} = \text{cutting} \text{ of some isotope in experimental cuttinggen side. N. K. Multuina, V. I. Ponikarov, D. K. Papav Vop. ont. 14 no., 156-59 167. Papay

Hydrolysis of betaine, N. l. Paylosiuk and others, Ukr. Rhim, rhur. 32 no. 11 1249-1251 166

## DEZHTISA (BRYANSK PROVINCE)-CONTINUOUS CASTING

Trying out the combination of continuous casting and rolling of street on the experimental mill of Bezhitas Stril Plant. O. G. Mazalevskii and others. Shor trud TSNIICHM. no. 14:5-11 [16].

## BIBLE-CRITICISM, INTERPRETATION, ETC.

General Fristles. A. N. Karpov, Brot. vest, no. 1:31-43

Gospel according to St. I ake. Brat. vest. no. 4:50-56 '66.

Kosklowski, Zenon. [Biblical legends. Translated from the Polish] Bibleiskie skazunia Moskva, Politizdat,

1906. 455 p.
Lentsman, IA.A. [Comparing the Gospels] Sravnivala
ovangellia. Moskva, Politizant, 1907, 189 p.

## BITH C-CRITICISM, TEXTUAL

The Sarnaritan Pentateuch and or al Palestinian tradition I. N. Vinntkov . Palest shot . no. 15:74-90 | 86.

## BIBLE-MISCELLANEA

The secret of David's aling. A. M. Gavov-Ginberg. Palest. sbor. no. 15:54-59 '66.

## BIBLIOGRAPHICAL SERVICES

Work of the Main Library of Social Sciences of the Academy of Sciences of the U.S.S.R. in the field of Slavic studies. I. A. Kaloeya. Sev. slav. no. 1/120-124 167.

## BIBLIOGRAPHY

[Annual of Soylet books, classed index] Ezhegod, knigf SSSR, sist, ukaz, vol. 2 '65, publ. '66. [Book chronicle] Knizh, let. nos. 6-7 '67. Dopolnitel'nyi vypusk no. 12 '66.

[Chronfele of the publications of the White Russian S.S.R.] Let. druku BSSR nos. 8, 10, Ag, O '06.

[Information about library work and bibliography abroad, materials] Inform, o bibliot, dele i bibl za rub nos, 4-6

[Information index of bibliographical lists and card files] Inform, ukaz, blbl, spis i kart 10 no 8 Ap '06; 11 nos. 3-4, 6 I-Mr '67.

New books Nov. mir 38 no 10 281-283 O 162 New books Nov mir 38 no 12:278-280 D 162

[New books of the U.S.S.R.] Nov. knigi SSSR nos. 5-8, 11 Ja-Mr '67.

Once again about "the golden key," T Shersturk, V mire king 6 no. 6 12 fc *66

BIBLIOGRAPHY-AGRICULTURAL MACHINERY New books Tel-h v sel'khoz | 21 no 12-68 D | 61

#### BIBLIOGRAPHY-AGRICULTURE

[Agricultural literature of the U.S.S.R.] Scl'khoz. lit. SSSR nos. 1-2 '67.

For you, agricultural readers. Knizh torg. 18 no 1:13 Ja 16:

Information bulietin of new foreign books, received by the Lenin Library, Series 2] Inform blul, nov. inostr knig, postup, Bibl, im, V. I. Len Ser, 2 10 nos, 4-9 F-Mr '67

Moscow. Tsontral'nala nauchnala sel'skokhozialstven-nala biblioteka. [Union Index of bibliographic lists and card calalogs compiled by libraries of the Soviet Union in 1954, agriculture] Svodnył ukazatel' bibliografiche-skikh spiskov I kartochek, sostaviennykh bibliotekami Sovetskogo Soluza v 1964 godu, sel'skoe khozlatstvo. Moskva, 1966. 78 p.

[New forlegn books, Series V Biology, medicine, agriculture] Nov. knigi za rub Ser. V Biol., med., sel'. khoz. 11 no. 2 F '67. Rus nan ga nanries for agriculturists N. Hochenkova. V mire knig 6 no. 6 2° Je '66.

#### BIBLIOGRAPHY-ANTARCTIC REGIONS

Bibliography Inform, but Sov antark eksp. no. 28 52-

Bibliography Inform biul, Sov antark eksp., no 29:65-67 '61

#### BIBLIOGRAPHY-ARCHAEOLOGY

[New foreign literature on history, archaeology, and ethnography] Nov. inestr. Itt. po ist., arkheel, i ctn. no. 1 '67,

#### BIBLIOGRAPHY-ARCHITECTURE

Brief notes on the most important publications of the Academy printed by the State Construction Publishing House. Izy ASIA no. 3 138-139 161,

#### BIBLIOGRAPHY-ART

Information bulletin of new foreign books, laceived by the Lenin Library, Scies 3 Social sciences, belies-lettles, aci Inform. bid. nov inestr. knig, postup. v Bibi. im. V.I. Len. Sor. 3 Obstehestv.nauki, khud. Ht., isk, 10 nos. 4-9 F-Mr *67

[Literature and nat of the peoples of the U.S.S.R. and foreign countries] Litti isk, nar. SSSR i zarub, stran no. 1 '67,

# BIBLIOGRAPHY—ATHEISM

[New Soviet and foreign literature on the problems of albeiam and religion] Nov. sov. i incert. Itt po vop. ateiz i rel. no. 1 '67.

## DIBLIOGRAPHY-BEST BOOKS

We recommend these books. V mire knig 6 no. 6:14 Je '66,

## BIBLIOGRAPHY—BIBLIOGRAPHY—HISTORY

Randel, B. L. [Filstory of foreign count ice; a bibliography of Russian bibliographies published in 1857-1965]
Istoriia varubezhnykh stran, bibliografita i usakikh bibliografit, publikovannykh s 1857 po 1965 god Moskva,
Kniga, 1966. 255 p.

## BIBLIOGRAPHY-BIOLOGY

[Information bulletin of new foreign books, received by the Lenin Library, Series 2] Inform, blut, nov, mostr, kulg, postup. V Bibl, im. V, I, Len, Ser, 2 10 nos. 4-9 F-Mr '87,

[New foreign books, Series V: Biology, medicine, agriculture] Nov. knigi za rub. Ser. V: Biol., med., sel'. khoz. 11 no. 2 F '67.

# BIBLIOGRAPHY-BUILDING MATERIALS

New books published by the State Construction Printing House, Strol mat, 7 no. 11:40 N *6t,

## BIBLIOGRAPHY-BULGARIA

[New literature on Bulgaria] Nov. lit. po Bolg. no. 1 '67.

## BIBLIOGRAPHY-COAL MINES AND MINING

New books, Ugol' Ukr. 6 no. 12:15-46 D | 62.

## BIBLIOGRAPHY--COMMUNISM

Documentary materials and articles on the history of the CPSU and the Communist and labor movement published in December 1966 in periodicals, bulletins, and scholarly serials, Vop. lst. KPSS 11 no. 2/144-147 F '67.

New Looks. Agitator 31 no 264 Ja 167.

New books. Agrinton 34 no. 3 64 F 167.

Nee books. Part, zhizn' no, 2:79 Ja 167.

New books Part zhizhi no. 180 F 167.

#### BIBLIOGRAPHY-COMMUNIST PARTIES

# Articles on the history of Communist parties published in foreign countries, Vop. 1st KPSS II no 2 142-143 F '67.

BIBLIOGRAPHY-COMMUNIST PARTY OF THE SOVIET

Documentary materials and articles on the history of the CPSU and the Communist and labor movement published in December 1966 in periodicals, bulleting, and scholarly settled Vop 1st, NPS II no 2114-117 17 167

New books, Part, zhizni no 3:79 F 167,

#### BIBLIOGRAPHY—CONCRETE CONSTRUCTION

[For the concrete worker, a list of recommended literature] Betonshehlku, rekomendatol'nyl ukazatel' literatury. Moskva, Kniga, 1966. 35 p. (V pomoshch' rabochim strollel'noi promyshlenosti, no.3)

## BIBLIOGRAPHY—CONSTRUCTION EQUIPMENT

Contents of this magazine for 1961. Stroi, i dor, mash 6 no 12 39-3 of cover D 161

From the pages of magazines, Stron. I don, mash 6 no. 12 37-38 D 461

#### BIBLIOGRAPHY-CONSTRUCTION INDUSTRY

Brief notes on the most important publications of the Academy printed by the State Construction Publishing House, 12v ASIA no. 3 138-139 [6]

index of the articles which appeared in "Promyshlennoe Stroitelistvo" Prom. stroi 39 no. 12 61-64 (6),

#### BIBLIOGRAPHY-DISLOCATIONS IN CRYSTALS

Akademila nauk SSSR. Institut kristallografii. [Disloca-lions in crystals, a bibliographical index] Dislokatsit v kristallakh, bibliograficheskii ukazatel, 1059-1964. Moskya, Nauka, No.2, 1986, 366 p.

#### BIBLIOGRAPHY—CARLY PRINTED BOOKS

First books published in Moscow in the collection of the Scientific Library of Saratov University. L.D. Iosi-penko, Trudy Nauch, hibl. SGU no. 3,21-31 164.

## BIBLIOGRAPHY-ECONOMICS

[New foreign books on the social sciences; economics, philosophy, history, international relations] Nov. knigi za 1ub. po obshetnostv. naukam, ekon., filos., ist., mezhdunar oto. no. 2 F '67.

[New foreign economic literature] Nov. inostr. ekon, lit. no. 1 167.

[New Soylet economic literature] Nov. sov. ckon. lit.

## BIBLIOGRAPHY-EDUCATION

Recomended articles in periodicals. Nar. obr. no. 2:126 F '67.

## BIBLIOGRAPHY—ELECTRIC ENGINEERING

Dissertations for the degree of candidate in technical sciences. Elektrichestvo no. 1:93-91 Ja 167.

BIBLIOGRAPHY-ENGELS, FRIEDRICH, 1820-1895 BIBLIGGRAPHY—ENGELS, FRIEDRICH, 1820-1895
Bahnud, I.A., and P.M., Shmorhun, [Publication of the
works of K. Marx and F. Engels in the Ukraino; bibliographic index] Vydannia tvoriv K. Marksa i F. Engel'sa
na Ukraini; bibliografichnyl pokazichyk. Vyd. 2., dop.
Kharkiv, Red.-vyd. viddil knyzhkovol palnty URSR,
1805. 76 p.
(CSI-II)

## BIBLIOGRAPHY—ETHNOLOGY

[New foreign literature on history, archaeology, and ethnography] Nov. inostr. lit. po ist., arkheel. i etn. no. 1 '67.

BIBLIOGRAPHY-FARM MECHANIZATION New books. Tekh, v selikhoz 21 no, 12-88 D '61

## BIBLIOGRAPHY-GENETICS

Bibliography of foreign literature on genetics (July 1966), Conetika no. 11 159-174 '66,

Bibliography of foreign literature on genetics, August 1966, Genetika no. 12,128-145 '06.

## BIBLIOGRAPHY—GEOGRAPHY

Plan of the Publishing House of the Academy of Sciences of the U.S.S.R. for publications in the field of geology and geography for 1960, O.P. Serdíuk. Geol vhur. 19 no. 6:108-109 158.

## BIBLIOGRAPHY-GEOLOGY

Literature on geology for 1958 ( to be continued). Geol. zhu: 19 no.6 109-117 159.

Plan of the Publishing House of the Academy of Sciences of the U.S.S.R. for publications in the field of geology and geography for 1960, O.P. Serdiuk Geol. zhur. 19 no. 6:108-109 '58.

#### BIBLIOGRAPHY-HISTORY

1 or right form 13 of Formal historical smaller. Vop. let -42 and 1.1 in  1  ( 1.5  1  )  1  in

History, if we take a mapping in also published in socialist cannot  $\zeta = -1$  of also -42 and 177-173  $J_{\rm e}/67$ 

Historical criticis in Social periodicals. Por 1st. 42 na.1150 [54 fa [67

No. belies. Vor 18t. 42 no 1449-159 Ja 167

[New foreign books on the social sciences, economics, philosophy, history, international relations] Now kniga za rub po obshchesky naukam, elon , filos , ist , mezhdunar o'n, no 2 F '67,

[New foreign literature on history, archaeology, and ethnography | Nov. mostr lit poist, aitheolictn no 1 '67.

#### BIBLIOGRAPHY-HUNGARY

[New literature on Hungary] Not lit. po Veng. no. 1 '67,

#### BIBLIOGRAPHY—HYDROGRAPHY

The critice of maritime high caracter in Russia during the series from the 19th centur, to the beginning of the 20th centur, A Littlebeek Trud. Institute in the high 12 to 102 102

### BIBLIOGRAPHY-INDUSTRIAL BUILDINGS

Index of the articles which appeared to "Promyshlennoe Strontellatio" Prom stron 39 to 12 61-64 fol

#### BIBLIOGRAPHY—INTERNATIONAL RELATIONS

[New foreign books on the social sciences, economics philosophy, history, international relations] Nov. knigi za rub po obshehesty naukam, ckon., filos, ist, mezhdunar. otn. no 2 F '67

#### BIBLIOGRAPHY-KIRGHIZISTAN-GEOGRAPHY

Fistern Shella in the Russian geographical literature of the first half or the 19th century G V Naumo. Trudy first list cast titch 42 40-62 462

#### BIBLIOGRAPHY-LANGUAGE AND LANGUAGES

[New foreign literature on linguistics] Nov.inostr lit. po iaz, no. 1 '67

[New Soviet literature on linguistics] Nov. sov. lit. po iaz.

## BIBLIOGRAPHY—LAW

New legal studies published in September and October 1966 in the U.S.S.R. Sov. gos i pravo no 1151-152 Ja '67

## BIBLIOGRAPHY—LIBRARY SCIENCE

[Library science and bibliography, Ja-Mr '86] Bibliote-koved, i bibl. no 1 '66,

### BIBLIOGRAPHY—LITERATURE

information bulletin of new foreign books, received by the Lenin Library. Series 3 Social sciences, belles-letties, artl Inform bluk. nov. inostr. knig, postup. v Bibl. im V. I. Len. Ser 3 Obshchestv. nauki, khud. lit, isk 10 nos, 4-8 F-Mr '67

[Literature and art of the peoples of the U.S.S.R. and foreign countries] Lit, i isk, nar, SSSR i zarub, stran no, 1 '67,

#### BIBLIOGRAPHY-LITERATURE-HISTORY AND CRITICISM

[New foreign literatute on the study of literature] Nov. innstr. lit.po lit. no. 1 '67.

[New Soviet literature on the study of literature] Nov. sov. lit. po lit. no. 1 '67.

# BIBLIOGRAPHY—MARINE ENGINEERING

Design and operation of ship machinery and boilers. Sudostroenie 27 no 1:40 Ja '61.

# BEBLIOGRAPHY-MARX, KARL, 1818-1883

Bibliothaphy—MARK, KARL, 1818-1883

Bahmot, I.A., and P. M. Shmorhun. [Publication of the works of K. Marv and F. Engels in the Ukraine, bibliographic index.] Vydamia tvoriv K. Marvsa i F. Engel'sa na Ukraint; bibliografichnyi pokazhchyk. Vyd. 2., dop. Kharkiv, Red. -vyd. viddii knyzhkovoi palaty URSR, 1865. 76 p. (CSt-H)

# BIBLIOGRAPHY—MEDICAL PARASITOLOGY

Soviet literature on problems of medical parasitology and persentic diseases published during 1865. N. N. Dukhonina. Med.paraz i paraz, bol. 35 no.6,737-743

## BIBLIOGRAPHY—MEDICINE

EMDLOGKAPHY—MEDICINE
[Information bulletin of new foreign books, received by
the Lenin Library, Series 2] Inform, blul, nov. inostr.
knig, postup, v Bibl, im. V, I, Len. Ser. 2 10 nos. 4-9
F-Mr '67.

[New foriegn books, Series V: Biology, medicine, agriculture] Nov. knigi za rub. Ser. V: Biol., med., sol'. Whoz. 11 no.2 F '87.

# BIBLIOGRAPHY—MINERALS IN SOILS

Soil mineralogy. Pochvovedenie no, 4 131-132 Ap 160,

# BIBLIOGRAPHY-MINING ENGINEERING

New publications. Ugol' 37 no.12 60-61 D '62.

#### BIBLIOGRAPHY-MOLDAVIA

[Chronicle of the publications of the Moldavian S. S. R.] Let, pech. Mold. SSR no. 3 J1-S '65, publ 1986.

#### BIBLIOGRAPHY-NONFERROUS METALS

Men technical publications, Asvet, met 33 no. 3:46-89 Mi 160

#### BEBLIOGRAPHY-OCEANOGRAPHY

Sources and principles of periodization of the history of one mography. A f. Plai bothik. Trindy Inst 1st est i telh 42 104-129 162

#### BIBLIOGRAPHY-PERIODICALS

Gazety i zhurnaly SSSR na 1967 god Newspapers and magazines of the USSR for 1967 Mogeow, V/O Mezhdu-narednana kniga [n d ] 138 p [In 5 languages]

#### BIBLIOGRAPHY--PHILOLOGY, COMPARATIVE

In memory of V. M. Illich-Svitych V. A. Dyba Sov. slav no.172-77 '67.

#### DIBLIOGRAPHY-PRILOSOPHY

[New foreign books on the social sciences, economics, philosophy, history, international relations] Nov. knigi za rub.po obshchestv.naukam, ekon., filos., ist., mezhdunat.oth. no. 2 F '67.

[New foreign literature on philosophy] Nov. mostr. lit. po filos, no. 1 '67

New philosophical studies Vop. filos, 21 no 1,177-181

[New Soviet literature on philosophy] Nov, sov. lit. po filos, no. 1 '67,

#### BIBLIOGRAPHY--PIPE

Recontly published.. . Strot, truboprov. 6 no. 12-27 D '61,

## BIBLIOGRAPHY-POLAR REGIONS-GEOLOGY

Bibliography on geology and minerals of the Arctic and Antarctic Inform binl NHGA no.15 62-114 159,

#### BIBLIOGRAPHY-POPULATION

Rehievements of science Geography of the U.S.S.R.]
Rogi nauki, Geografita SSSR. Moskva.
No. 3. Pokelishevekti, V.V. (Geography of the
population in the U.S.S.R.) Geografita mascientia
v SSSR. 1966. 167 p. (Serlia. Geografita)

#### BIBLIOGRAPHY-POWER PLANTS-EQUIPMENT AND SUPPLIES

Development work completed by the State Trust for the Organization and Efficiency of Electric Power Plants during 1959 V. L.Trembovlia, Teplochergotika 7 no, 891-95 Ag 160,

## BIBLIOGRAPHY—RELIGION

[New Soviet and foreign literature on the problems of atheism and religion] Nov, sov. i mostr. lit. po vop. ateiz. i rel. no 1 '67.

# BIBLIOGRAPHY—ROAD MACHINERY

Contents of this magazine for 1961, Stroi i dor, mash, 6 no. 12 39-3 of cover D 161, From the pages of magazines. Stroi i dor, mash, 6 no. 12 37-30 D '61,

#### BIBLIOGRAPHY-ROZANOV, IVAN NIKANOROVICH. 1874-1959

Novikova, A.M. Ivan Nikanorovich Rozanov (1874-1959), [Moškvā] Izd-vo Mosk, untv., 1966, 78 p. (Zamechatel-nye uchenye Moskovskogo universiteta, no.36)

## BIBLIOGRAPHY—RUMANIA

[New literature on Rumania] Nov. lit, po Rum. no. 2 '87.

# BIBLIOGRAPHY—RUSSIA—ARMED FORCES

Faithful and dependable guardians of our country. A. Sall-kova. Biblioteks: 44 no. 2:17-21 F 187.

# BIBLIOGRAPHY-RUSSIA-REVOLUTION, 1917-1921

Books for the 50th anniversary of the October Revolution, Knizh.torg. 18 no.1:52-53 fa 167.

In our fathers' footsteps, Bibliotekar' 44 no. 2:27-32 F '67,

Preparing for the 50th anniversary of the October Revolution, G. V. Petriakov. Vop. ist, KPSS 11 no. 2;151-165

# BIBLIOGRAPHY—RUSSIAN LITERATURE

Prose literature in 1967. M. Lapshin. Knizh torg. 18 no.1;57-58 Ja 167.

# BIBLIOGRAPHY—RUSSIM POETRY

An encyclopedia of Russian poetry; a review of the Issues of the "Poet's library" series. G. S. Usyskin. Kniga, issi, i mat 4:101-125 161.

## BIBLIOGRAPHY-SALTS

Survey of investigations in the field of fused salt electrochemistry for 1960, A.G. Morachevskii. Zhur. priki, khim 34 no. 6 1398-1411 Je 161.

#### BIBLIOGRAPHY-SARATOV-LIBRARIES, UNIVERSITY AND COLLEGE

A bibliography of articles and perophiets on the Scuttill'r connections of a ucces and pamphiels on the Settistic Library of Salutov University published in 1942-1933 M.T. Belfalova, V.A. Germinova, Trudy Narch 1949 GU no 3492-121-164.

#### BIBLIOGRAPHY-SCIENCE

[Information bulletin of new foreign books, received to the Lenin Library, Series 1 [Inform, bind, new, incet, ladge, postup, v Bibl, im, V, I, Len. Sec. 1–12  $\, m \approx 1.9 \,$  GeV.

Looking late the future. V mire Laip 6 no, 6-12 16

[New foreign books, Series A Mathematics, mechanics, astronomy, physics, geophysics, chemistry, rect applysical geography Nov. knigl za rub. Set A 20 nos, 2-3 F-Mi '67.

#### BIBLIOGRAPHY-SHIP HANDLING

Ship building and operation. Sudostrocate 27 no 1 to

## BIBLIOGRAPHY .... SHIPBUILDING

Ship building and operation. Sudout comic  $(2.7 \, \mathrm{\ m_{\odot}}) \neq 0$  Ja  $(6.1 \, \mathrm{\ m_{\odot}})$ 

#### BIBLIOGRAPHY-SLAVIC STUDIES

The most algoriticant articles and materials on the jacored by situation, blotony, culture, and language of the Stave in foreign countries published in Society exists of in July-September 1066—Society, no. 1406-161 by

[New literature on the general problems of Slavic stud ies] Nov. lit. po obsheh, probl. stav. no. 4 '68,

Slavic stadion published in foreign per tollicula, his -1 , no.1-107-109 '07.

Work of the Main Library of Social Sciences of the Yadomy of Sciences of the U.S. S.R. in the field of start studies 1 A. Raloeva Sov. alay. no. 1,120-174 26.7

## BIBLIOGRAPHY—SOCIAL SCHENCES

[Information bulletin of new foreign books, received by the Lonin Library. Series 3 Social sciences, helica-lettres, art] Inform. blul. nov. inour. knig, postup. v Int., inv. V. Len. Ser. 3 Obshchesty. naukt, khad iit., ink 10 nos. 4-9 F-Mr '67.

## BIBLIOGRAPHY—SOIL CHEMISTRY

Chemistry and biochemistry of solis and methods of research, Pochvovedenie no. 4434-446 Ap. (a)

#### DIBLIOGRAPHY-SOIL FORMATION

Soil formation factors, genesis, geography, and casts  $\rho$  -tophy of soils. Perhyovedenic no. 1,128-146  $(\Lambda_{\rm P}/4)$ 

## BIBLIOGRAPHY-SOIL PHYSICS

Physical properties of soil and jucthods of repeated Pochvovedenie no 4 t32-111 Ap 160,

## BIBLIOGRAPHY-SOILS

Bibliography. Pochvovodenio no 1316-156 Ju  $^{4}\mathrm{h}\,\mathrm{f}$ 

Soll formation factors, genesis, geography, and extra raphy of soils. Pochyoved nie no. 4 428 139. Ap. G  $_{\odot}$ 

# BIBLIOGRAPHY-SURGERY

New books. Ortop., travm. i proter. 27 no. 12:63 12

# Bibliography—technical education

Through the pages of Seviet periodicula. Shkola i periodicula. Shkola i periodicula no.12;82-86 D  $^{100}_{\odot}$ 

# BIBLIOGRAPHY-TECHNOLOGY

[Information bulletin of new foreign books, 10co1/c/1/j the Lonin Library, Sories 1] Inform, blut, nov, 10costr, kelg, postup, Bibl. im, V. I. Lon, Ser. 1 12 nov. 4 9 F-Mr '67.

[New foreign books, Series B: Technology] Nov. knint rarub, Ser. B: Tekh. 11 no. 2 F '67.

# DIBLIOGRAPHY-TRUSTS, INDUSTRIAL

Organization of industrial trusts in the U.S.S.R. V.I. Pikhalo. Vop. ist. 42 no. 1.131-137 Ja 161.

## BIBLIOGRAPHY—TURKMEN LANGUAGE

Bhillearanbiest 1024-1664 irkmenskun a "Putknund.

ымп, " 1966.—118 р.

## BIBLIOGRAPHY—UKRAINE

[New books of the Ukrainian S.S.R. ] Novi knyhy URSR nos. 29-36 O-D '66; no. 1 Ja '67.

# BIBLIOGRAPHY—UKRAINE—GEOLOGY

Author index of literature on the geology of the Ukraine, 1966. V. M. Dolhova. Geol. zhur. 21 no. 1, 10-84 [6]

BIBLIOGRAPHY—VAKHSH RIVER—HYDROELECTRIC

BIBLIOGRAPHY—VAKHSH RIVER—HYDROFLECTIORS

POWER STATIONS

Dushanbe, Gosudarstvonnaia respublikanskaia biblioteks.

Spravechno-bibliografichoskii oldel, ["Perchaduslin" and "Golovnaia" Hydroelectric Power Stations; an index to the literature] Perchadusla I Golovnaia gidroelektrostantsii; ukazatol' literatury, Dushanbe, Irton, 1963, 21 p. (Cst-H)

BIBLIOGRAPHY-YUGOSLAVIA

[New literature on Yugoslavia] Nov. lit po IUg. no. 1 '67,

## BIBLIOGRAPHY (THEORY, METHODS, LTC.)

[Library science and bibliography, Ja-Mi '66] Bibliote-koyed, i bibl. no 1 '66

#### BIBYEYBAT OIL FIELD-PETROLEUM

Bibi-Eybat petroleum of the upper series as an importent source for the production of special oils used in pawer engineering G. Ashumov, 1 S. Stepannen, Sh. V. Veliev, Shor. trud Az NII NP no. 156-60 158

#### BICYCLE RACING

System of competition in brevele racing. V. A. Bakhvalov Teor 1 prak, 112 kul⁴1 - ¹⁹ no 12 Set 15 ¹⁶⁶

#### BILE

Age-related characteristics of secretion and enzymatic activity of mixed processes and liver juice in sheep A.V. Prokudin, K.T. Tashenov, Trud, list ficial N Kazakh, SSR 10 63-70 '65

Filect of cobalt on bile and pancreatic juice secretion in sheep M.A. Rozybakte. Trudy lost tiziol. AN Kazakh SSR 10 90-95 466.

Effect of the mineral water of the Sokolovogorsky Spring (Saratov) on the secretion of pastric june and bile and the discharge of bile S. V. Grougieva, E. M. Ivanov-skain Von kui "fizietei i lech, fiz kulit 27 no. 6 500-503 N-D 162.

Mechanism of refler effect from mammary gland on sectetion of bile and pancicatic juice in animals K 1
Tashenov, Sh D. Simbinov, F IA, Kusebacya Trudy
Inst. Haiol AN Kazakh SSR 10 126-132 466

Unes contont in mixed pancreatic and liver juice in lambs as related to then age A, V Prokudin Trudy Inst fiziol, AN Kazakh SSR 10 71-74 466.

#### BILE DUCTS-DISEASES

Characteristics of the clinical course of gastric and daodenal peptic along with historis of the bite duct;
O.S. Aver Tanova, Sov med, 30 no. 193-95 Ja. 197

O. S. Aver Tanova. Sov med. 30 no. 1 93-95 Ja 'n7
Realth resort therapy of patients with diseases or the liver and bile ducts. A.S. Bishnevskin, A.K. Pisiegin. Vop. kur., fizioter i lech fiz kullt. 21 no. 6 481-488. N-D 162

Treatment of chronic diseases of the liver and bile ducts by the use of Uglich mineral vater and paraffin V.A. Lilcev. Vop. kur, fizioter i lech fiz kullt 27 no 6 401-500 N-D 162

#### BILE DUCTS-RADIOGRAPHY

Characteristics of the preparation and management of lata avenous cholecystocholongiography, L. I. Galiperin, 1 M.Ostrovskara khirurgila 18 no li 75-81 N '62

## BILE DUCTS-SURGERY

Effect of partial bile removal and pancreatic juice on malk production K. T. Tashtnov, B. N. Nikitin Trudy Inst fiziol, AN Kazakh SSR 10,75-80 *66

Postoperative bilary peritonitis. P. A. Mallugina. Khiru gila 42 no 12-46-52 D '66.

Surgical treatment of high obstruction of hilo ducts.
A. I. Krakovskii, Khiru gita 42 no, 12-28-33 D '66.

Suturing of the common bile duct following choledochotomy. G M. Antonenkov Khiru gita 12 no, 12-25-28

BILIARY CALCULI see Calculi, Billary

BILINGUALISM see subdivision under Kirghizistan

## BINDING ENERGY

Babikay, V.V., and V.S.Kiselev. [Description of clastic nucleon-nucleon scattering in a mesonic model of nuclear forces] Optsaule uprugogo nuklon-nuklonnogo rasseiantia v mezonnot modeli fadernykh sil. Dubna, 1967 16 p.

## BINDING MATERIALS

Alent'tev, O.O., and V.M. Hrosheva, [Structural coramics] Konstrukislina koramika, Kyiv, Tekhnika, 1966.

Hardening of binding substances in the presence of crystalline additions of varying structure. A. S. Panteleev, V. V. Timashev. Strot. mat. 7 no. 12:32-34 D 161.

Nonreline coment is a fireproof, highly active binding material P. I. Borhenov, V. I Kavalerova. Stroi mat 7 no. 11:9-12 N *6f.

Organization of the production of a gypsum cement pozzois a binding material in existing shops producing gyp-sum for the construction industry—IA—I. Vikiter and others. Stroi, mat.—7 no. II.13-1: N 161.

## BINOWEED

Eradication of field bindweed in a fallowed field. L.S. Roktanen, R.G. Otsulina, Khim. v self. khoz. 5 no. 1:41-42 Ja 167.

### BIOCHEMISTRY

Biochemical control in sports. I. K. Sivkov. Teor. 1 prak. fir. kul't. 29 no. 12,60-62 D '66. Ferdman, D. L. [Biochemistry] Biokhimita, Izd. 3., porer, I dop. Moskva, Vysshafa shkola, 1906, 642 p.

Physiological mechanisms of chemical heat regulation in the development of fever E. A. Shevel'ko Fazioi zhur 52 no li 1359-1367 N 166

Role of the reticular formation and anterior areas of the limbic corts in the electrocorticographic picture of chemical changes in the internal count onment, N E. Vasilevskaia Fiziol zhur 49 no, 3 293-298 Mi '63

#### BIOLOGICAL PRODUCTS

Fractional method of determining mercury in biological material V D IAblochkin Farmatscy, zhur 18 no. 3 68-71 163,

BIOLOGICAL RESEARCH see subdivision under White

BIOLOGICAL WARFARE—SAFETY MEASURES

Infections and protective forces, I. Bezdenezhnykh Voen znan, 11 no.) 25 Ja '67

Biological photometer, D.N. Lazarev, B P. Bessalov, E S, Petrova Tiudy GGO no. 184 85-96 '66

BIOLOGY-BIBLIOGRAPHY see Bibliography-Biology

#### BIOLOGY-PHILOSOPHY

Basic forms of vitalism in present-day biology. A L Blin Vest Most un, Ser. 8, Filos 21 no 6 30-38 N-D 166

Once again on party principles. Oktiabr! 43 no 12-163-168 D 466

#### BIOLOGY-STUDY AND TEACHING

Vocational training and physicobiological experiments, F Baikov, Nat. obr no. 2 53-57 F '67,

#### BIOLUMINESCENCE

Participation of tryptophan and thyrozine residues in pro-toins luminescence V P Babrovich, S. V. Koneu Vestsi AN BSSR Ser bital nav no 140-413 166

#### BIOMATHEMATICS

Mathematical model for studying relationship between animals of prey and their victum. F S IUrochko, Dokl, AN BSSR 10 no. 11-901-901 N '66.

Supplement to the miticle "Conditions necessary for the existance of positive periodical solutions of some un-linear second order systems." G. I. IUzefovich, V. A. IAngarber Biofizika II no.5:935-938 "66.

Results of statistical studies of motor conditioned reflexes in rats V N Semagin. Triudy Inst vys. nerv. delat, Ser-patofiziol. 10 158-176 162.

Binary matrices of formal neurons, A.S. Kuzichev, Vest, Mosk un  $S \in \{1,1\}$  Mat., mekh 22 no  $\{1,5\}$ -55 Ja- $\{1,6\}$ .

Necessity of wide application of botanical objects in bionics T. G. TSaturian. Biol. zhur. Arm. 19 no 12:90-95 D

Prokhorov, A.I. [Engineer learns from nature] Inzhoner uchlisia u prirody. Moskva, Znanic, 1967. 124 p. (Narodnyl universitet Estestvennonauchnyl fakul'iet, 1/2)

Samvellan, K.V [Insect "patents"] "Patenty" naseko-mykh Moskva, Ob-vo "Znante" RSFSR, 1985. 20 p. (Lektoru o bionike)

Consultations in the examination of biopsy. A. V. Smo-Planmkov, O. K. Khmel'nitskai, Arkh p.t. 28 no. 12: 60-62 '66,

## BIOSYNTHESIS

Effect of some fats on the biosynthesis of antibiotic 255 G.Shelkova, P. Isov, I.Georgieva. Antibiotiki 12 no.1 10-12 Ja *67

### BIOTIC COMMUNITIES-CONGRESSES

Tropholynamics of marine communities; symposium to be held in 1966 by FAO, ICES, and ICNAF. L.G. Vinogradov Okeanologiia 6 no.6 1107-1112 160

Complex formation of amino derivatives of biphenyl, diphenyl sulfide, and diphenyl oxide, B, V, Tronov and others Trudy TGU 185-3-5 165

Effect of birch on the growth and productivity of spruce in plantations A.I.Skavysh. Izv.vys.ucheb.zav.; les. zhur. 9 no.6:28-31 '66.

Fffect of birch stands on soil properties P. P. Ragavy, IA, S. Raptunovich, Vestsi AN BSSR, Ser bital nav no. 4·52 - 58 · 66

Effect of the curvature of birch logs on the output of sawn timber. S. N. Rykunun. Les. bum. 1 der. prom. no.3:65-71 66

BIRD LICE see subdivision under Kara Kum Canal region, Moldavia

(see also subdivision under Georgia) Artists of the woods. Aleksandr Barkov. Semila i shkola 21 no, 7:54-55 Jl 166. Electrophoretic analysis of hemoglobins in various bird species B F Sukhomlyno, V A Kushmiruk, M D Chuhuno. Dop AN URSR no 121605-1608 '66

#### BIRDS-BEHAVIOR

Builds of cultivated landiorms | L N Bulbysher | Prinoda no 1424-125 do 167.

Uncounters with thrushes, N. Bender, Nach shkola 35 no. 2 38-39 T '07

#### BIRDS-CLASSIFICATION

Study of protein fractions of blood serup in some bird tiny of protein it actions of noncestima in some bits a species by paper electrophoresis method; utilization of this method for taxonomic purposes N.N. Kartashev. I. A. Gellson, S. P. Gromako a Zool zhu. 45 no 12; 18 13 -1851 166

BIRDS-MIGRATION see subdivision under Kalmyk A.S.S.R., White Russia

BIRDS-PARASITES see Parasites-Birds

BIRDS. FOSSIL see subdivision under Caucasus

#### BIRDS. INJURIOUS AND BENEFICIAL

Attract birds to orchards, E. Golovanova, Zashch, rast, 12 no. 1:40-11 '57.

### BISMUTH-ANALYSIS

Extraction-photometric determination of bismuth in niobates by means of plazodinedthicombonates A I Busev. V. M. Dyr'ko. R. G Zhakova Vest Mosi un Ser 2 Khim. 21 no.6 72-76 N-D 166.

#### BISMUTH-ELASTIC PROPERTIES

Isotropic and anisotropic changes in electric resistance, the mo-v, m, f., and Hall coefficient following plastic deformation in bismuth VI Prokoshin Dokl. AN BSSR 10 no 11 850-863 N 165.

#### BITKOV OIL FIELD-PARAFFIN WAX

Par affin deposition in vell bottom zone. V. S. Ivanishin. G. F. Zima, D. A. Bekh Neft i gaz prom. no. 6, 24-27 N·D '86

BITTERN see subdivision under Dnleper Valley

#### BITS (DRILLING AND BORING)

(see also subdivision under Azerbaijan, Duleper-Donets Lowland; Donets Basin)

Effect of stepped bit on deviation of hole. IU 1, Zuislov and others. Azerb, neft, khoz 45 no IL17-19 N 166,

Kinematics of one-roller bit with spherical roller; as a topic for discussion, V.V. Simonov and others, Neft khoz 11 no 12 15-20 D '66

Preliminary results of and prospects for using diamond bits in oil and gas drilling A.A. Asak-Nuil, P.A. Palii, G.S Gevolkov Neft Phoz it no. 11 11-15 N 166

Small cutting bits, M L Rubinshtein, V.S Travkin, F V, Poliskov Biul tekh, -ekon inform Gos, nauch -issi inst, nauch i tekh, inform 18 no. 11 48-40 N '66. Some causes of diamond bit freezing. V.S. Ovcharento and others | Neft, khoz | 44 no. 12 62-65 | D | 166

Types of wear and breakup of supports of small roller bits V, N, Vinogradov. G, M, Sorokin. A, N, Pashkov. Neft khoz. 44 no.10:15-18 O '65.

#### BITS (DRILLING AND BORING)-DESIGN AND CON-STRUCTION

Borehole drilling for smooth blasting with small-diameter 1 older bits M.G. Abramson Vzryv delo no.61/81:60-66 ¹66

### BITUMEN

Method to control activity of bitumens and their compo-nents. V. N Finashin Neftcper, i neftekhim, no. 10: nents. V. 16-17 | 66.

Plant testing of special petrolcum bitumen in production of storage batter v tanks. Sh. Sh. Spektor, L. G. Zakharen-ko, T. A. Melikiants, Nefteper, incftekhim no 8 21-24 '06.

BITUMEN—GEOLOGY see subdivision under Caucasus, Northern; Krasnoyarsk Territory; Kurcyka Valley

### RECOMEN_STANDARDS

New standard for petroleum bitumens. T A. Radushnova, L. A. Lepikhova, E. S. Zhuravleva. Stroi, truboprov. 6 no. 12 11 D 161.

### DITHMINOUS MATERIALS

Oil-bituminous inequers based on plasticized rhabdopissite. K, K, Dzhapanidze, P, D, TSinkarishvili. Soob. AN Gruz. SSR 44 no. 3:601-602 D '66.

Particular features in the stabilization of bituminous and road the emulsions [with summary in English]. L. IA Kremnev, L. A. Borodina, Koll.zhur. 23 no. 3;290-294 My-Jo '61.

BITUMINOUS ROOFING see Roofing, Bituminous

BLACK LANDS see Chernyye Zemli

BLACK LIGHT INSPECTION see Penetrant inspection

#### BLACK BOT

Possibilities of the use of growth promoting substances in protecting apple from black rot, V P Prikhod'ko Trudy KHSkHI 56 72-77 '66

#### BLACK SEA-CALCIUM CARBONATE

Saturation of Black Sca vater with calcium carbonate O. A. Alchin, N. P. Moricheva, Dokt. AN SSSR 167 no 2 423-425 Mi 166

#### BLACK SEA-MOLLUSKS

Development of shells of certam broadve mollusks in ontogenesis L. A. Nevesskaia Biul MOIP Old geol 3b no 3 152-153 Mr-Je '61

#### BLACK SEA-SHORE PROTECTION

New method or exceting structures, F.P Gorbin Putt t put khoz, 10 no 7/35-35 '66

Protection of the shores of the Black Sea is a matter of state importance. G V Vardosanidze. Part i put khoz. 10 no 7 31-32 '66

#### BLACK SEA-SLOPES (PHYSICAL GEOGRAPHY)

Stabilization of Hopes M, N Fisun Put' i put, Phoz, 10 no 7:33-35 '66

## BLACK SEA-THINGSTEN

Tungsten in recent sediments of Black Sea Pilipchuk, I, I Volkov Dokl, AN SSSR 167 no 2 430-433 Mr 166.

#### BLACK SEA-ZOOPLANKTON

Biology of hyponeuston of not thwestern part of Black Sea in the area of Berezan't Jand. A. K. Vinogradov, Gid-sobiol zhur. 2 no 6 57-59 '66.

#### BLACK SEA DEPRESSION-GEOLOGY, STRATIGRAPHIC

Find of paleontologically identified Upper Oligocone sediments in the Black Sea Depression, A. O. Veselov, M. F. Nosovstky: Dop AN URSR no. 7.952-951 162,

#### BLACK SEA DEPRESSION-MINES AND MINERAL RE-SOURCES

Neogene to rigenous-mineralogical provinces of Black Sta Depression A.P. Agulov Dokl, AN SSSR 172 no 3,669-672 Ja 467.

#### BLACK SEA DEPRESSION-ROCKS, SEDIMENTARY

Neogene tetrigenous-mineralogical provinces of Black Sea Depression, A.P. Agulov, Doki, AN SSSR 172 no. 3 669-672 Ja '67

#### BLACK SEA LOWLAND-GEOLOGY, STRATIGRAPHIC

Strattgraphy of Creinceous and Paleogene addingnts on the northern slope of the Black Sea Lowland N ID, Cherniak and others Geol zhm 21 no 2 80-85 161

## BLACK SEA REGION-COINS, ANCIENT

Numismatic finds of the Pitsunda Archaeological Expedi-tion, 1953-1959, D. G. Kapanadze Vest drev ist, no 4473-179 '68.

## RLACK SEA REGION-FISHERIES-RESIGARCH

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## BLACK SEA REGION-LANDSLIDES

Controlling landslides along the Black Sea coast, H.I. Geol zhur 19 no 6-121-122 '59

#### BLACK SEA REGION-PALEONTOLOGY, STRATI-GRAPHIC

New data on the distribution of Chokrak sediments in the Black Son Lowland Iu. B Bass and others Gool, thur 19 no, 6 89-92 159

## BLACK SEA REGION—REVOLUTION OF 1905

You do your duty even today, battleship "Potemkint" VI. Fal'skii. Mol. komm. no 6 83-87 Jp "C1.

#### BLACK SEA REGION-WORLD WAR, 1939-1945-PERSONAL NARRATIVES

Medvedev, N.IA. [There were 68 of us. As told to Iwan Zhigalov] Nas bylo 68. Literaturnala zapis! Ivana Zhigalova. Izd. perer.i dop. Moskva, DOSAAF, 1966.

## BLACKFLIES-GENETIC RESEARCH

Chromosomal polymorphism in the population of flies of Eusimulium latipes latipes species (Diptera). T r.

Petuskina Genetika no, 12:78-84 '66, Variation of karyotype in Eusimulium securiforms from a natural population, V. D. Simonenko, Genetika no, ll 83-88 '66,

## BLADDER-OISEASES

Case of a tumor-like radiation lesion of the bladder following X-ray treatment of ovarian cystoms IU. Kh. Sarkisian Med rad 7 no. 10 38-41 O 462.

fundamentals of the theory of twisted blades with a non-straight axis B. F. Shorr, Proch, t din, av. dvig. no. 3,188-213 (66.

## BLADES—TESTING

Determining the damping properties of blade materials and blade designs. K. A. Prokof'ev, IU. A. Vidiakin Energomashinostroenie 6 no. 10:13-16 O 160.

#### BLADES-VIBRATION

Experimental investigation of vibrations of blades of a flat grid V A. Kulagina Lop mash, 1 struin app. no 198-120 166.

## BLAST EFFECT

(see also subdivision under Komsomol'sk, Ukraine) Studying seismic effect of blasting in open-pit mines A.F. Aleksochko. Lee, vys. ucheb zav., got. zhut. 6 uo. 9 68-72 *65

#### BLAST FURNACES

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(see also subdivision under unitarie). Toking of coal and one biquets as a method of pelletizing and chemical preparation of ores for blast furnaccameting V. P. Matvers, D. M. Itsm. Frudy khimimet unit Sib, and AN SSR no 16 105-113. [6]

Device for measuring the temperature of a blast furnace hearth Stall 21 no 11 991 N 161,

Distribution of sulful between the charge mixture and products of smelting in a blast furnace | G A. Volovik. Stalt | 21 no. 11 967-971 N 161

New developments in research L L Kunin and others, Staff 22 no 5448-449 My 162

Using natural gas in making pheohorous converter pig non BNS 400 My 62, B N Straishinov and others. Stall 22 no 5:396-

Utilization of the gauge pressure of blast furnace gas B V. Sazanov Staff 22 no. 5 171-175 My 162 utilization of the gauge pressure of blast furnace gas in the blast furnace, 1 G. Tikhomfrov Stall 22 no. 5 476-177 My 162

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Centralized system of exhaust ventilation and conveyor feed of charge N.P. Kokorev, R.A. Kucherskir Biultekh -ekon inform Gos nauch, -isst inst nauch i tekh.
inform 19 no 1180-81 N '86

Device for the continuous control of the composition. temper iture, and pressure of gas along the cross tion of a blist funce. Still 21 no 11-978 N '61.

Tennomic efficiency of improved preparation of raw materials for blast furnace smelting. G.N Murontseva, V.M. Scholev. Lev. vya ucheb. vav., chern. met. 10 no. 1 200-208 [07].

Interfacial tension in products of blast furnice smelting of titanium magnetites and metal losses in sings. I. N. Zakharov and others. Izv. AN SSSR, Met. no. 1 24-70 Ja-11 167

R-4500-12-1 centrifuyal compressor. I. 1. Druzhinia. Energomashinostroente 12 no 11 42 N '66.

Kozlukh, V.IA., N.N.Tenmokhud, and N.P. Onishchenko
[Automatic gas analyzers in blast furnaces] Aviomaticheskie gazoanalizatory na domennykh pechakh Moskva,
Metaling gita, 1967–72 p
Results of the hydropneumatic cleaning of sturry pinca

in a circulating water supply system for the purification of blast furnace gas V. D. Sleptsov Stall 21 no H 10 17-10 18 N 161.

## BLAST FURNACES-MAINTENANCE AND REPAIR

Blocking of the blast furnice hearth N.N. Babarykin and others Stat! 22 no. 5 401-406 My '62.
Forced water and air cooling of regenerators during the repair of the middle of open-hearth furnaces, A. A. Malykh, A. M. Spirina. Stat! 22 no. 5 478-479 My '62

Investigating the metal from the seams of the blast fur nace shaft and body brickwork, 1 M Galemin, R P Banabeldt, StaP 22 no.5:106-407 My *62

## BLASTING

Analysis of pinpoint blasting. R. IA. Strausman V21 yv delo no. 61/81:175-187 '66.

Baron, L.I., and A.V. Klinchnikov, [Smooth blasting in mining operations] Konturnoe vzryvunte pri prokhodke vyrabotok, Leningrad, Nauka, 1967. 202 p.

Blastability of rocks. S. A. Davydov. Vzryv.delo no.61/81;109-117 166.

Boring and blasting operations at Balakovo reinforced-concrete grain elevator—I. A. Rovchan. Vzryv.delo no 61/81:201-205 bil

Boring and blasting operations for demolishing refractory bric-work and slag in repairing open-hearth furnaces. P. P. Dul'tsev. Vzryv.delo no 61/81,261-212 '66.

Boring and blesting openations in the building of foundations on piles with pedestels V.IA. Vorobei. Vzryv. delo no. 61/81;213-216 '66.

Building underground structures using underground explosions, A.S. Dobina, N.A. Evstropov, Transp. strol. 16 no. 4*47-49 Ap *68.

Calculating guaranteed current during multiple electric blasting. N.G. Petrov. Vzryv, delo no. 60/17-218-221 *66.

Certain characteristics of horing and bleating operations during tunnel driving in building Nurek Hydi celectric Power Station E. M. Pashkin A. P. Semin Vzryv. delo no.61/81;284-290 '66.

Certain problems in planning boring and blasting operations. R.IA. Stransman. V77yv.delo no.61/81:136-144

Charging boreholes with an air space between the charge and the stemming. V.E.Aleksandrov, A.F Shteingart, V.V.Pidgora, Ugol' Ukr. 6 no. 12.15-16 D '62.

Construction of canals by biasting with rejection of earlier A I Chevkin Gidi uncl. 19 no i 61-69 1, 267

Damming of Vakhah River by blasting in building to be nala" Hydroelectric Power Station A, A, Silmy delo no. 61/81:280-281 '66

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Experience in boring and blasting operations in halfill A Bratsk Hydroelectric Pover Station (h. 1. America). A. G. Levshin. Vrryv dele no 61/81/211-268 (h.

Experience in horing and blasting operations in alog do strong is A. T. Volov, V. I. Sheiman, Veryy delta no fallal piles A.T. 187-191 '66.

Large-scale blasting at "Melovoy persval" in higher of construction. V. N. Poletaev. Vziyvide to no bl/sl 192 -201 66

Main trends in the development of boring and blading operations in hydraulic engineering.  $\tilde{A}_{*}(1,1)^{n}g\ln n \approx V_{21}yv.delo$  no.61/81;280-297 [66]

Making cavities in rock with massive explorions 1 14 Alekseev. Fransp. stroi. 16 no. 3:4-6 Mt. 46.

Parameters of boring and smooth blasting open dient to underground workings V. I. Kozbevnikov. V 171 del 1 no. 61/815-11 166.

Planning boring and blasting operations in construction work. A. V. Korenistov, B. I. Kamenka. Vziyy delim no.61/814121-136 '66

Potentials for increasing labor productivity in drilling operations, V D. Tubalets, Shakht, stroit, S no 11 17-20 N '81.

Problems in using water-filled explosives, A,V 1 . terc. Varye, delo no. 60/17 173-198 '66.

Results of studies on reducing seismic effect of  $1a_{\rm F}$ scale blasting. N. U. Turnta and others. Valsy of the no 61/81:101-109 166.

Smooth blosting in building Krasnoyarsk Hydre betyl Power Stations A. A. Feshchenko, Vrive delo no office 21-34 CG.

Smooth blasting in open-pit mining S. A. Davides, R. & Palivoda, Varyv delo no 61/61.11-21 '66. Studying and testing new safety explosives, N. S. Bakhar cycle and others. Veryv, delo no, 101/11 to

130 '66,

Studying seismic effect during explosion of horehold charges in vicinity of buildings. IV, V, Aphilan,  $|V_{\rm c}|$ , delo no. 01/81:78-101 [66].

## BLASTING-COSTS

Solecting an officient type of explosive depending upon properties of rocks. G. K. Kotov. Izv.vyn. nebeb or gor. zban. 8 no.10.84-87 [65].

## BLASTING --- EQUIPMENT AND SUPPLIES

Determining the protective layer thickness duch (4th at operations in making foundation pits and other courts a for important hydraulic engineering installation. H. I. Kamenka, A. A. Feshchenko. Vzryv delo no 61/hl 11. 59 '66.

Effect of blasting upon a massif and filtering property. of rocks. V. K. Bubtsov. Vzryv.delo no.61/01:34-19

An efficient method of using trotyl and saltpetin in Krivoy Rog Basin, I. Kolesnichenko, IU.S. Meta Vzryv, delo no. 60/17 205-209 '56.

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Influence of the size and materials of stemming on the during blasting, B.D. Rossi, Vzryv, delo no. 50/17; 254-257 166.

254-257 166.
Influence of the speed of applying presauce upon some strength characteristics of metallic disk) for modifier blasting cartridges, V.F. Slozhenikin, Vz.rv., d. le. no. 60/17/286-293 166.

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VMK-1/100 condenser discharge blaster. Shakht.strib 5 no. 11.3 of cover N 161.

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## BLASTING—SAFETY MEASURES

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- Fossible ways of preventing burning-out of e-plosives during blasting operations in coal mines. K.K. Anheev, V.G. kholin. View delono. 60/11/0->s. Tule.
- Regulating the strength of explosives directly on the spot of blasting open ations in open-pit mines, V.D Mittin Vzryx, delo no.60/17 257-265 166.
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- Boring and blasting operations in the construction of a last-port on Barkal Lake. A.V. Korenistov Vryv. delo no. 61/81:239-241 66.
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#### BLEACHING MATERIALS

New technology of the activation of Khanlar clay, Z.G. Zulfugatov, G. L.Alimardanov, T. A. Agdamskii, Trudy Inst. I him, AN Azerb, SSR 20481-192 '61,

#### BIEIDING see Hemorrhage

#### BLENDED YARN

- MERCHER YATER OF PROCESTING PURE SYNTHETIC THEIR and their blends with wool. L. N. Shagova, N. V. Vorontsova, V. G. Zharova. Nauch -isel trudy. TSMISherst. no. 20455-431-45.
- TSNISher at no 2015-181 465.
  Daveloping a technology for the production of vain from polymoute fibers and their blends with cotten and lavsan, K.N. Pletnikova, K.A. Vriver, F. (18) enhant Nauch, i.s., trudy "ISNIShiBI 7a 406 3g, 416-418.
  Improving the properties of fabrics made from a blend of word and viscous traple fibers 1° G. Fokar J. L.F. 1 uchin 1. Nauch usel trudy ISNIPsheristi no. 20 208-206 465.
- 216 165
- Manufacture of clothing fabrics from blended nitron-viscose and nitron-collon yarns, 7.1, Labuzova, V.IU, Dibakim. Nauth -isel trady "ISNIMIBL Za 1964 g. 370-310.
- Manufacture of fabrics from cotton-viscose yarn. M.V. Petrova Nauch -will, trudy TSNIKHRI za 1963 g. 310-162.
- Manufacture of yarn from a blend of polyacrylontirile fibrts with viscose tibers and cotton. M. IA. PH-lovskii. Nauch, Isel trudy TSNKHBI za 1983 g
- Manufacture of varns of various finence, classes from a blend of cotton and viscour fibers. D. V. Goncharova Nauch.-1681 trudy TSNIKHBL o 1963 g. 163-197
- Nauch, -1881 (rnd) TSNISHIB of 1963 g 163-197.

  Studying the possibility of producing yarn for high-bulk bult goods on the basis of the use of a new polyvinyl chloride (there 17.1 Burenhamm 18NIKHIB) valued by g 108-209.

  Studying the properties of mirror fibers and the technological content spinning. N. S. Ffinnova Nauch, -1931, trudy TSNIFSheristi no 20 He-127 185.

### BLENDED YARN-TESTING

- Analyzing the Structure of yarn made from the blends of various fibers and determining transfer A.N. Vanchikov. Nauch-fasl, trudy TSNIKHBI on 1963 g 35-11/1
- Effect of the air moisture on the relaxation process taking place in blended yarn during the cycle "loading unloading rost." O. IA, Bereating, E. N. Kudesovo, Nauch, -44si, trudy TSNIKHBI /a 1863 g 438-458

## BLIUKHER, VASILII KONSTANTINOVICH, 1889-1938

- Ploinkay, I. F. Ten thousand heroes, a legendary raid of Ural region guerrilas led by V.K. Blukhor? Desiat' tysiach geroev, legendarnyl reid und'skikh partizan vo glave s V.K. Blukherom. Moskva, Nauka, 1967. 213 p.
- BLOK, ALEKSANDR ALEKSANDROVICH, 1880-1921 Aleksandı Blok and history. L. V Cherepnin, Vop. ist. 12 no. 1:37-50 Ja *67.

### BLOOD

- Change in the catalane activity of the blood under the influence of lethal X-ray in adiation L. A. Tiunov, G. A. Vasil'ey, O. I. Smirnova. Radiobiologica 2 no. 4.548-552 162
- Peological and physiological adaptations of blood in Cyclosiomata. P. A. Korzhuev, T. N. Glazova. Dokl. AN SSSR 172 no.1;236-230 Ja ¹67

## BLOOD—ANALYSIS AND CHEMISTRY

- Change in fish blood composition following prolonged total starvation, J., I. Smit nova, Trudy Inst. biol, vnutr. vod. no. 10:284-200 166.
- Charges in plasma alkali reserve and true urinary aridity in elironic coronary insufficiency during variages. A. D. Knotagurov. Shor nauch, trud. SOGMI no 10,125-126 [6].
- Changes in the blood system during terminal states of the organism taused by a pleuropulmonary shock, Sh. S. Machavariani, Soob AN Gruz, SSR 27 no. 2;217-223 Ag (6)

- Changes in the morphological composition of the peripheral blood in children exposed to inentgenological epilation in fungus diseases of the scalp I I Pil'zer, E.G Dolgov Med rad / no 10 35-38 O '62
- Changes in the peripheral blood following partial gastric 10section V E. Inasaridae Soob AN Gruz SSR 27 no 2 233-240 Ag *G1
- Diphenylamine test and C-reactive m otem in the diagnosis of coronary disease. O D Grigor tya. Trudy LPMI 37 72-76  $^{-1}65$
- Dishibution in the Lody of dog of water-soluble base antibioties of Actinomyces and indices of purification of the blood from these antibioties. L. E. Goli'dheig Antibiotis 12 no 127-33 Ja '67
- Distribution of amuno acids between crythrocytes and plasma in the blood in patients with lymphogranulomatosis during radiothe rapy I B Fridliand, M, M Kubireva, E M, FiPlova Med, 1nd, 12 no 1-85-87 Ja 467
- l'ifect of aminazin on biophysical characteristics of blood following acute experiment | Zur A | Zurabashvill | Soob AN (iruz.55R | 41 no 2.513-516 | N | 196.
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- Effect of cobalt on some blochemical indices of sheep blood. E.M. Kazakova Khim, v sel', thoz. 5 no. 1 52-54 Ju 167
- Effect of prolonged starvation on chemical blood indices in bream (Abramis brama L.). V.V.kuz'mina. Trudy inst, biol vnuti, voil. no.10 148-152 '66.
- Effect of the Chukhuryard climate on the morphology of blood, A.I Dulatova Shor trud, Azerb nauch -isslinst, kur. i fiz meted lech, no. 6 21-31 462
- Lifect of the climate of Ozhango on the morphology of blood Sh M Gasanov, A I Dulatova, E M Kiamili, Shor trud Azerb nauch -issl inst kur i fiz metod no 6 201-201 162
- Effect of the therapeutic factors of the Borzhomi health tesort on ulter patients with gastric resections. E. V. Inasaridze, Soob, ANGIUZ, SSR 28 no 6 763-769 Jc 161.
- Molybdenum in blood of the newborn, and in venous and retruplacental blood of a mother. I, K, Harskais. Vestai AN BSSR, Ser. bital, nay, no. 3:91-94 66
- New method of determining blood groups in stains. Pre-liminary report. M.A.Bronnikova. Sud.-incd ekspert. 9 no 1 38-10 O-D 166
- Polypeptides in the blood serum in diseases of the thyroid gland I P. Boher Problemdok i gorm 8 no 6 80~82 N-D '62
- Se and dimorphism and seasonal changes in the peripheral blood of the nutria (Myocastor caypus) O. H. Riznoscako, L. O. Salhans'ka Dop. AN URSR no 7 958-
- Some problems of the clinical aspects and treatment of disseminated angittis, G.A. Dashtalants, E. M. Tarskala Shot, much trud, SOGMI no 10 23-25 '61.
- Study of the reactivity of the body in schizophrenia (acute leurocytic reaction). V 1. Zapuskalov. Trudy Gos. nauch, -issi, inst. psikh 26 57-62 161

## BLOOD-CIRCULATION

- Liffect of hydrogen sulfide baths on blood on culation and the processes of functional adaptation in dogs with experimental atheroselerosis. N.R. Chepikova. Vop. kur., fizioler: i lech fiz.kult. 31 no 6:497-504 466
- Review of G. Lazorthes' book "Vascularization of the brain and corebral blood circulation". C. V. Shmidt Zhur, nevr. i psikh 62 no. 11 1744-1746 '52.
- Some hemodynamic indices in patients with coronary insufficiency. V.A. Maksimov, Kardiologiia 3 no. 1: 20-23 Jun. F '63.

### BLOOD-CIRCULATION, ARTIFICIAL

- Effect of hypothermia on some indices of the metabolism in operations with artificial blood circulation. A.V. Pogosova, IU.E. Babskaia, T.A. Bortsova, Grud. khir-9 no.1;58-62 Ja-I '67.
- Sungical possibilities on the "dry" heart under conditions of moderate hypothermia. E. N. Meshalkin, V. I. Fufin Gutd.khir 9 no. 1:17-21 Ja-F '67.

## BLOOD-CIRCULATION, DISORDERS OF

- Changes in hemodynamics following concholomy, and supplementary anesthesis during this operation N. M. Smil nov Zhur, ush., nos. 1 gorl, hol. 18 no. 6 50-52 N-D 159.
- Changes in some homodynamics indices in experimental coarctation of aorta N. M. Oganesian, L. A. Ovsepian, E. R. Armaganova, Biol. zhur. Arm. 19 no. 10:68-71 O'68.
- Clinical aspects and pathology of ischemic disorders of the spinal cord. Syndrome of swelling of a spinal artery D.K. Bogorodinskii, R.A. Razorenova, A.N. Krivosheina, Zhur. nevr. i psikh. 62 no. 11.1673-1675
- Phase variations in myocordiac pH and pNe in acute dis-order of coronary blood circulation N. A. Onishchenko and others. Biofizika 11 no.5;855-860 '66.

- Phlehotonogi aphic observations in insufficiency of blood circulation. B. K. Miekishev. 11 udy LPMI 37.86-99
- Pipmentary function of the liver in insufficiency of blood circulation N.E. Fedorov, Sov. med 30 no. 1 148-119. Ja. 167
- Role of disorders of intraosscous blood circulation in the pathogeness of metaorsecous blood flictifiation pathogeness of experimental osteom, clitis. V.I. Stetsula, V.I. Shim. Ontop., travm 1 protez 27 no. 12,22-27 D 166
- Tonaillectomy in patients with neurocli culatory dystonia IU B Gal'perin, IU I Fishson-Ryss Zhur, ush , nos 1 gorl bol 10 no 6 32-36 N-D 159

#### BLOOD-COAGULATION

- Blood congulation and fibr molysis in cancer of cerviv uteri following ridiotherapy - J. Musritown 2 and others Mediad - II no 12 10 14 - D 166
- Comparative data of the congulogram and B fib inogen in the plasma of venous blood and beau matrov in denors IA. F Karadzhiev Azerb med, zhur 13 no 12 20-22 D '66
- Effect of electinic acid on blood congulation, blood helparin content and the clearing factor in patients with atheroselerosis, I, L, Gerasimova. Kardiologija 3 no 1:61-64 Jan - $\Gamma$  |63
- Fifect of prolonged stimulation of the peripheral section of the vagus nerve on blood coagulation E. A. Beliavski ta, T. N. Kovale, a. Fiziol zhat 52 no il 1315-1321 N +66
- Effect of sex hormones on blood congulation system: E.K. Modebadze Soob, AN Gill. SSR 44 no. 2,499-506 N 66.

## BLOOD-COLLECTION AND PRESERVATION

Microscopic study of crystallization processes in pre-scryed blood at low temperatures G. A. Kozlov. V. I. Teodorovich. Biofizika H no 5:847-854 '66

#### BLOOD-CORPUSCLES AND PLATELETS

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#### BLOOD-DISEASES

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- Clinical variations of joundice in some diseases of the blood system. IU G Mitcrey, A I Khalanov, Probl gemat 1 perel ktovi 12 no 127-31 Ja 167.
- Dynamics of Russel's body formation following antigenic stimulation G V, Kovalevskii Doki, AN SSSR 172 no 3°709-712 Ja 167
- Results of clinical testing of the effectiveness of scrotonin in some diseases of the blood system. G 1. Alekseev and others Sov med. 30 no 117-20 Ja '67,

### BLOOD-OXYGEN CONTENT

- Effect of exercise therapy on the saturation of arterial blood with oxygen in pneumosclerosis. V V. Shigalevekkii. Vop.kur , fizioter : i lech.fiz.kul t 31 no.6,527-
- Oxinemographic method of determining the blood flow rate and its significance in the study of the effectiveness of sanatorium and health resort treatment in rheumatic heart diseases VV. Guk. L. A. Serebrina Vop. kar., fizider i lech-fiz. kult. 31 no. 6 487-489 '66.
- Oxygenation of arterial and venal blood, A.A.Laskov, Teor, 1 prak fiz, kul't, 29 no.12 52-54 D 466.

### BLOOD-PARASITES

Materials onblood parasites in reptiles of Armenia, Z, A, Matchian Biol, zhur, Arm 19 no 10 92-100 O '66

## BLOOD-SEDIMENTATION

Sedimentographic observations in myocardial infarct O.D. Grigor eva. N.A. Rozenman Trudy LPMI 37: 65-71 '65.

## BLOOD-TRANSFUSION

- Pxperimental hemotherapy of acute radiation suckness V V. Babuk, A. A Chevlytko. Med. rad II no 12 57-59 D 168
- Postoperative jaundice associated with the use of cadaver blood G. A. Pafomov, D. A. Smirnova Khirurgita 42 no 12:66-70 D '66.

## BLOOD GROUPS

- Determination of blood species by means of precipitation reaction with recording on chromatographic paper V.T Chernov Sud -med ekspert, 9 no 4,36-38 O-D 166 New method of determining blood groups in stains Pre-
- Himinary report M.A E 9 no 4.38-40 O-D '66. M. A Bronnikova Sud, -med ekspert

## BLOOD PLASMA

Chemiluminescence inhibition by blood plasma in case of a malignant growth. A. E. Zakarian. H. N. Tarusov. Biofizika il no.5,919-921 '66.

## BLOOD PLATELETS

- betermination of the circulation rate of Cr51-labeled transfused thrombocytes in acute radiation sickness, M.G. Shitikova, G.I. Kozinets. Med. rad. 7 no. 10.41-44 O
- Thrombocyte count by modified Fonio method G.A.
  Dashtaiants, R D.Khubutila, Sbor nauch trud SOGMI
  no.10 102-105 '61.

#### BLOOD PRESSURE

- Central meet anisms of the regulation of blood supply 3h I teapiration in monkeys. I T. Dehelier, N. I. Lagu-tina. V. V. Infacheva. Fiziol zhur. 19 co. 3 430-337 tina 3
- Changes in the blood pressure and respiration due to the external action of nonling radiation K Sh hadareishall Fost AM Gruz SSR 27 no 2 200-215 Ag (6)
- Chimach Conduction or the degree of venous pressure in imposardial intenset of V Zandsovskii Trudy LP'II 37-175-180 %3
- I frect or 'eather during solution in I sea baths on interful puscure. MI Tobber Vop kur i Asioter i lech fiz halft. 31 no o 554-558. 66
- Philipstonicgiaphic Observations in insumicienc, of blood circulation B. K. Makistey Frud. LPME 37:86-99 '85
- Be fuction of blood pressure in the brain and its morphological manifestation [ V Gannishkina Zhur nevr 1 psikh | 02 no 11 lbl6-1620 | 02

#### BLOOD PRESSURE, HIGH see Hypertension

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- Changes in blood proteins in animals following prolonged fractional X-ray arradiation A B Rusakov, Z IA Valuet Mediald II no 12 55 D 166
- Changes in blood setum protein fractions in acute chelicostitis. A G I is and others. Khrutgua 42 no.12 59-61. D. 466
- Content of protein and interrelation of protein fractions in the blood serum of sheep in connection with their bolyield, M. F. Kroiter, M. T. Kathov, A. I. Badenko, Vest, sclibhoz nauki [Kazakh, ] 10 no. 168-71 Ja 167
- Diphenylamine test and C-reactive protein in the diagnosis of 60 mary disease. O.D. Grigorieva. Trudy LPM 37:72-76 465
- Effect of antibiotic therapy on the dynamics of blood serum protein fractions in patients with desentery A I Spectorola Antibiotic 12 no 183-87 Ja 57
- Electrophotogis of blood proteins in crythromia follog-ing treatment with tadicactive phosphotogs N V Nkolagy, B P, Shyedskin, N D Pottish, Problegemat perci ktori 12 no. 132-34 Ja 467
- immunological properties of denaturated blood serum proteins of rabbits subjected to ionizing radiation L G Protopento. Radiobiologua 2 no.4 580-585 162
- Pariod of protein synthesis in leucacytes of human peri-pheral blood cultivated in vitro, a radiographic study. L IA Levina, S 1 Polikaipova, I M. Shapiro, Dobl AN SSSR 171 no 4 988-991 D 168

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L'voyskij gosudarstvennji meditsinskij institut. [Current problems of functional anatomy of the vascular system, abstracts of reports of the scientific conference held March 25-26, 1966] Aktual'nye problemy funktsional'noi anatomit sosudistol sistemy, kraikoe soderrhanie doktadov nauchnoi konferentsii 25-26 marta 1986 g.

L'vov, 1966. 107 p.

## BLOOD VESSELS-DISEASES

- Léaions of the veins in arteritis of the lower extremities P Brinzeu, C Sarmesiu, B. Stefanovici Khirurgiia 38 no il 108-lli N 162
- Use of Callender's method in the amputation of the hip in vascular diseases. V. N. Milostanov. Ortop., travm. i protez 27 no.12 60-62 D 66.
- Vasculitis and inflammation. V. A. Val'dman. Trudy LPMI 37:20-26 65.

# BLOOD VESSELS-INFLAMMATION

Some problems of the clinical aspects and treatment of disseminated angulas G.A.Dashtaiants, E M Tarshaia Shor nauch trud SOGMI no 10:23-25 161

## BLOOD VESSELS-INNERVATION

- Dynamics of the vasculovegetative reactivity in a late period in persons having had dysentery, based on skin temperature data. V A. Krivonogov, Tiudy Turk, nauch -issi inst.klim., kur i fiz. metod.lech. 8:107-112 15.
- Effect of aminazine on vascular unconditioned and conditioned reflexes in dogs A. T. Pshonik, A. A. Gilbanov, Zhur vys ners. deiat 12 no 6 1049-1054 N-D *62.
- Vasculovegetative discreers based on thermometric data in patients with appendicities. IU. M Volobuev. Trudy Turk, nauch.-issl. inst. klim., kur. i fiz. metod. lech. 8 18-118-65.

# BLOOD VESSELS-SURGERY

Modification of anguastomy in sheep, K. T. Tashenov, L. V. Gorokhova, Trudy Inst. fiziol, AN Kazakh SSR 10 210-212 *86.

## BLOOD VESSELS-TUMORS

Bulateral papitioms of the cerebral vascular plexus. G V. Savel'ev. Arkh. pat. 28 no 12 62-65 '66,

# BLOOD VESSELS-WOUNDS AND INJURIES

Analysis of some errors and complications in the treat-ment of closed lesions of the main vessels of the extremities. M.I. Landa. Ortop., travm. i protez. 27 no 12:13-14 D '86.

# BLUE BABY see Tetralogy of fallot

#### BODY TEMPERATURE

Simultaneous distant recording of temperature of different organs and tissues in large animals. B I Kadykov. V.I.Balanin Piziol.zbur. 52 no 12:1497-1500 D '66

#### BODY TEMPERATURE—REGULATION

- Comfort zones in generally healthy persons and patients with hypertension on the braches of health resorts
- "th hyjer tension on the beaches of health resorts Varias (Bulgaria) and Livadiya (southern coast of the Crimea). M. Mikhalkov. Vop. kur. fizioter rilech fiz Fult. 31 no 6-546-554. 766.

  Dynamics of the vasculovegetative reactivity in a late period in persons in ring had desentery, based on skin temperature data. V. A. Krivonogov, Prudy Turk nauch 15-1 inst, klim., kur. I fiz. metod, lech. 8-107-112. 165.
- Physiological mechanisms of chemical heat regulation in the development of fever TA ShevePko Fiziol that 52 no H 159-1467 N 168
  Assulovegetative disorders based on thermometric data in patients with appendicties. IU M Volobucy. Trudy Tark nam h 4184 inst kim, km, t fiz metod, itch 6 H3-118 165.

## BODY WEIGHT

Relationship betreen achievement and body weight of an addite. At V Starodubisev. Teor. 1 profession, kulture profession 12 18-20. D 166

#### BOGS see Swamps

#### BOHR, NIELS HENDRIK DAVID, 1885-1962

Niels Bohr and the theory of epistemology. G. A. Kursanov, Prinoda no. 15-10 Ja 167,

#### BOILERMAKING INDUSTRY see subdivision under Tagani og

#### BOILERS

- Adjustment of steam pines in 150 and 200 Mw blocks S V Falthovskii, E,S Zakharov, Elek sta 17-20 Mr '62
- Assembly of a TP-90 type boiler of 500 t/h operating capacity L % Trofimovskii. Elek sta. 33 no 341-52 Mr 462.
- Automatic control of vapor pressure in burning gaseous fuel. O V Pomerantsev I nerg, i elek no, 6 25-20 N-D 466.
- Automatic control of the air supply for the injection of low-pressure gas fuels in boiler furnaces. IU.P. Rusynkovstkyl Preisi Inst vyk gazu v kom, hosp, ta prom AN URSR 7-131-141 159.
- Automatic draft control in gas operated hollers and hot water heating systems IU.P.Rusynkova'kyi, Prats Inst vyk gazu v kom hosp, ta prom AN URSR 7 115-130 159
- Automatic feeding of steam boilers. A.I. Bezhok. Khieb i kond prom 10 no.12;36-37 D '66
- Constituction of a boiler house from precast reinforced concrete. A. Takhtarov. Na stroi. Ros Mr '63,
- Determining the efficiency of a centrifugal separator in a once-through botter under actual operating conditions M N Kemeliman Eluk, sta 33 no 3,11-13 Mt '62
- Experience with the construction of a 150 Mw black, M.E. Verbitskii Elek sta 33 no 3:53-57 Mr '62. Group methods in the manufacture of small bollers, notices B.1. Kogan, Energomashinostrocnic 12 no. 11:33-31 N '66.
- Industrial tests of the seals of Z and O regenerative air heater. L A Kostrov and others. Lick, sta. 37 no. 12 27-30 D '66
- Installation of PK-39 boilers in the Troitsk State Regional Electric Power Plant, IU P. Karev Facig. stroi. no 7 16-24 166.
- Methods of obtaining the characteristics of the power machiner y of electric power stations. V. A. Skobelev. Elek, sta. 33 no. 3 5-11 Mr '62.
- Modernization of the DKVR-10/18 steam boilers. K N. Savehuk Sakh. prom 41 no. 1.30-36 Ja 167
- Organization of the work of a metallurgical laboratory in the installation of an 800 Mw. block. A, S, Rossovskii, Energ, i elek. no. 6:13-15 N-D '66.
- Plotting dynamic characteristics of relative increase of boller units of thermal electric power plants. D. M. Babaian. Izv. AN Arm. SSR. Ser, tekh. nauk 19 no. 6: 22-20 '66.
- Regulation of the water level in bollors V. Krymchanskii Tekh v sel'khoz 21 no 12-47-50 D '61.

  Results of testing a once-through type boiler with fixed end zone of evaporation. M N. Kemel'man, G. N. Riabova, A. D Shalagin. Elck, sta. 37 no, 12-24-27 D '66.
- Some remarks on the installation and design of BGM 35/39 boilers, V.A Shenderov, IU F. Hyzhkov Elek sts. 33 no. 3:58-59 Mr '62.
- Study of a welded paintel from finned pipes installed in the middle radiation part of the PK-47 boiler. IA.S. Zholudov, A.IA. Antonov. Elek, sta. 37 no. 12 15-19 D '88.
- Study of the feedwater recirculation system of a once-through type boiler. Etck, sta. 37 no.12 19-24 D '60,

- Use of horiers in scrubbing c houst games of their tell plants. I IA, Sipal, G. F Naudenov, N.A. Garrestell Energy relets, no 6 45-48, N-D 166
- (fsing industrial position garanta relays in automatic tool of bottler units. O A. Mirratklo, V. V. Barrat, H. C. H. eckon inform. Goog nauch [196] find maich [197] inform. 19 no 12 21-22 D 486
- Variable operation of sterm-graphocks with 1980-1305 Me, ratings and high-produce attenuagenerator V.S. Dubchak, 10, V. Pripov, Lineag reick message N-D '66

#### BOILERS-CORROSION

Studying the efficiency of water puriffeation from engresion products by the method of contribution. G. P. Aleinikov, N. N. I ipatov. Programmihumaticall. no, 10:10-14 O 160,

#### BOILERS-DEFECTS

Shortcomings in making PP-80 hollet 9 N. M. B.d.) V. G. Kachkin - Bezop truda v proms - H. no. 121-25 Ja. ¹67

#### BOILERS-DESIGN AND CONSTRUCTION

Computation of heat losses in c change gase 11/4 Pekker Triploenergetika 7 no. 8/89-94 Ap 400

#### BOILERS-EXHIBITIONS

Steam producing botters — Inform, btul. VDRS II (n, 4, 1) 32-33 (1) (6)

#### BOILERS---FIRING

Adjustment of the DRV-6.5 holder unit with higher (ref-combustion furnace for the burning of worst wants, B.B. Steintin, P.A. Profees, A.P. Tilbonov, Fact, mashinout order 6 no. 9:31-48 5 '66.

#### BOILERS-INCRUSTATIONS

Preventing the accumulation of correction deposits in boilers. P. V Akolizin. Plot ata 33 no. 118 17 Ma.

BOILERS—RELIABILITY
Operational reliability of alcom generating water ralls of once-through type hollers with supercrift signer meters, A. f., Shvarta, V. M. Levinzon, N. A. Rister ralle star, 37, no. 13, 9-15, D. 166.

#### BOILERS—SAFETY APPLIANCES

Increase the safety of operating atoms bolics a act bod hoisting crones. Her op trade v prome Hondred v1

#### BOILERS—SAFETY MCASURES

Gnuskin, A.M. [Safety manual for workers altereling bollers in apartment houses] Parnfalka po tekhsike bezopasnosti dila rabochish pri obslazhiwani ketelyayki v zhilykh domath. Moskva, Strollzdal, 1965. (Tekhnika bezopasnosti v kommunal nom khozi data)

## BOILERS—TESTING

Posting of the DKVR-20-11-250 small-stred batter | Ph PMZ-1, PsR furnace, | S. A. Marpulla, | V. H. Metu Lacrgomashmostromic | 12 no. 1141-14 | N. (20)

## BOILERS, MARINE

- Automatic control of the steam generating capacity of auxiliary bollers. G. Kholchev. Mor. flot 27 mel 2 - 30 Ja '67.
- Automatic control system for the hoster unit on the whalet "Novetakaya Ukrainer" M. Sh. Shift in 1 (, Zhigirov Sudosh cente 27 no 1;31-33 Ja %).
- Materials for the elements of steam superheaters of marine boilers N. I. Dantsenko. Inform that its III v. no.168. Tokh. clept mor. fleta no. 48,51-59 | 66.
- Slime separator with a pulsed circulation. V. H. Kalibekal Ryb. pr om.  $\{no.63;90.41\}$  (6).

# BOILERS, MARINE-CLEANING

Performance of soot blowing installations with autor size control. B.S. Karandashov. Information. That'tt no. 196. Tokh, ekspi mor. flota no. 46;3-11 'bb.

## BOILERS, MARINE-TESTING

Some features of the new atandard for hydraulic test; of bollers. S.I.Izik. Sudostroenie 27 no.1,70-52 J. et

## BOKOVO-ANTRATSIT (UKRAINE)--COAL MINING MACHINERY

The all-Union school on mining by coal plowing, 1', 14 Rozenberg, Ugol' 42 no.1-75-77 Ju '67.

# BOLLWORM-EXTERMINATION

Tactics in controlling cutton bollworm. V. Tanakis Zashch, rast. 12 no. 1:23-24 67.

## BOL'SHOY INGIZ RIVER-SHIPPING

Utilization of the Bol'shoy Irgiz and Yerushin Rivers in transportation. C. D. Buchin, K. P. Chentsov, Kill Mursalimov. Rechtransp. 20 no. 7:14-15 Ji 61.

## BOL'SHOY KOLCHIM VALLEY-CAVES

Karst bridge in the Bol'shoy Kolchim Valley. P. A. Sofronitskii. Poslichery no. 2:03-65 '62

## BOL'SHOY KOLCHIM VALLEY-KARST

Karat bridge in the Bol'shoy Kolchim Valley, P.A. Sofronitskii. Peshchery no. 2:03-05 162.

#### DOL'SHOY USHKANIY ISLAND-CLIMATE

Methodology of stationary microclimatic observations on Bot'shoy Ushkaniy Island M.M Vykhristick, Trudy Lim, inst. 19133-138 '66,

#### BOL'SHOY USHKANIY ISLAND-METEOROLOGY-OBSERVATIONS

Methodology of stationary microclimatic observations on Bollshoy Ushkaniy Island, M. M. Vykhristick, Trudy Lim, Inst. 10 193-138 466,

BCL'SHOY USHKANIY ISLAND.—SOLAR RADIATION Studying shortware radiation on Bol'shoy Ushkaniy Island, M. M. Vykhtistiuk, Trudy Lim. inst, 10/71-98 '66.

#### BOLIS AND NUTS

Commission on Metal Structural Elements of the Council er Coordination of Scientific Work, the use of high-strength holts in construction. G.E. Heliskii. Izv ASIA 60 3 127 381

#### BOLTS AND NITS-STANDARDS

HOLITS AND NUTS—STANDARDS

Russia (U.S.S.R.) Gosudarstvennyl komitet standartov,
mer i izmeritelnykh priborov. [Bolts and nuts with
thread diameters over 48 mm., dimensions] Bolty
i galki s diametrami rezhy bolec 48 mm., ruzmery.
GOST 10602-63 - GOST 10610-03. Izd., ofitsial'noc.
Moskva, Izd-vo Standartov, 1963, 54 p. (SSSR. Gosudarstvennye standarty)

#### SOMBING, AERIAL

When bombers fly on call, V. Primakov, P. Petrukhin, Av. 4 kosm., no. 2 20-24. F. 167.

#### BONL GRAFTING

Replacement of fresh bone defects by autoplastic and homoplastic bones preserved in honey solution O. G. Tanashvill. Soch. AN Gruz SSR 44 no 2:483-480 N 486.

#### BONE, PRODUCTS

l ffectivent as of the electric pulse method for hone degreasing. N. I educov and others. Mias, ind SSSR 38 no. I 12-11 Ja  $^{16}\ell_{\star}$ 

Changes in uitimate an ength of hone tissue along tubular hone diuphy see in extremities of some ungulates—IU, F Antipehuk, Dop, AN URSR no 10 1352-1351 / 66,

Fifest of X-ray intaliation on the growth of bones under experimental conditions. A. M. Safarov, S. V. Shtern. Med. rad. 12, no. 1,62-67, Ja. 167.

## BONES-ABNORMITIES AND DEFORMITIES

Case of incomplete osteogenests - D.V. Murashev. Sud. - med ekspert - 0 no 15° O-D 166

Comparison of X-ray and nathomorphological changes in fibrous esteons dysplasia. E. IA, Pankov. K. N. Molecevi. Ortop., havin, 1 protez. 27 no. 12-49-53

HONES-BLOOD SUPPLY Hole of disorders of intracancous blood circulation in the p thogenesis of experimental astromyelitis. V.I. Stetaula, V.I Shim. Ortop., travm. i protez. 27 no 13:22-27 D '66.

## BONES-CANCER

Commatherapy of rolleulosar comas of the bones, A, V, Kazlova, I, A Lebudeva, Medicad, 12 no. 1:26-31 Ja 167.

## BONES-DISEASES

Three cases of mycetoma of the foot; on the X-ray characteristic of osseous changes. A. M. IAkoylev, A. M. Chistiakov. Vest. rest, 1 ad. 11 no. 6:83-86

# BONES-TUBERCULOSIS

Characteristics of the course of estecarticular tuberoulosis in children during antibacterial therapy, K, M, Maskeev, Sov.med, 29 no. 10 122-128 O 166,

## BONUS SYSTEM

(see also subdivision under Armenia; Minsk) According to new system of planning and economic incentive. I, I. Mamontov. Stroi, I arkhit. Len. 29 na. 1:15-17 Ja 107.

Awarding bounded to workers for the high quality to products. A. Moiseeva, M. Abramson. Sets. bud. 12 no.1:13-47 Ja '67.

Homses for the sunflower, G. Naurzekov, Zakop sel'-khoz, prod. no. 8:23-25 Ag 466.

Business accounting and the incentive forms in the Kupayna Fine Wool Factory. A. Konovalova, N. Sergina. Sota trud. 12 no. 1:56-59 Ja 167.

Economic reform in industrial branches and material Incentives. S.Shkurko, Sots.trud. 12 no.2:18-90 E '67.

For workers of enterprises on practice in changing over to the new system of planning and economic stimulation, Sots.trud. 12 no.2:40-55 F '07,

Grouping enterprises of the automobile industry for calculating group norms for funds of economic stimulation. A.Z Revzin, P.M. Katsura. Avt. prom. 33 no. 1.5-8 Ja 167.

In the Cholabins! Road Machinery Plant. A Nostkov, L. Kheifets. Sots trud. 12 no. 2:38-43 F '67.

In the Kharkov Turbine Plant. D Roshal! Sots trud 12 no. 2 31-38 F 67

In the State Committee on Labor and Wages of the Council of Ministers of the U S 5 R, and the All-Union Central Council of Frade Unions Sots.trud, 12 no 1412-111

only F 1A Dubrovin, Z F Drobkin Ugol! IIb; 7 no. 3 37-38 Mi 163

Issuing bonuses to workers for the economic use of furi-electric and thermal power. Sots trud. 12 no 1137-111

Material incentives and the quality of scryice. M. Let-nor Sov.torg, 40 no. 2 13-15 F 167

Monetary awards made to machinery operators for good maintenance and use of equipment A Korzun Tickh v sel'kho? 21 no 12 59-52 D '61

New system of planning and economic incentives are in effect. V A. Sazhin, 1 S. Korkodilov, Ogneupoly 31 no. 12 10-11 1) 166

On the new procedure for commonic stimulation in a series of trade and public dining enterprises. Sets. trud no 1,141-146 Ja '67.

Paying bonuses and designers work results. C Ippolito. Sols, trud. 12 no.1923-127 J1 '07

System of management and material incentives in lower

ethicing of construction organizations. IU. Taktoravich and others. Na strol Ros. 7 no 12 7-8 D '66. We are raising material interest. A G Dobrovol'sku. Put' i put, khoz. Il no. 129-30 '67.

## BOOK COLLECTING

lacts, finds, and information, V mire knig 6 no.6 48 Jo 466,

We select friends for years. V Osipov V mire knig 6 no 6 39-10 Je 466,

#### DOOK DESIGN

Development of the techniques of book production and book design V. V Popov. Kinga, issl i mat 4:163-195 '61.

The jucket and its role in book design - F D. Kuznetsov Kuiga, issi i mai - 1 209-226 161

#### BOOK INDUSTRIES

(see also subdivision under Europe, Eastern, Ukraine)

Books in an al meas of the Soviet Union. M. Denisov. Kuizh torg: 18 no.1:27-29 Ja 167

hacts and figures. Knizh.torg. 18 no.1:47 Ja '67.

The past and the new year. Knizh.terg. 18 no.1:4-5 Ja 187.

Stepping into the new anniversmy year Knizh.torg. 19 no.1,2-3 Ja '67.

## BOOK JACKETS

The jacket and its role in book design F D Rurnetsov Kniga, issl i mat 4,209-226 [6]

## BOOKPLATES

I'v libris a bookplate | k Kostrin, Neftianik 11 no. 9: 36-37 S '66,

Pacts, finds, and information. V mire knig 6 no.646 July 106.

Old Moscow in hookplates. S. Fortinskii. Knizh.torg. 18 no. 1:48-49 Ja | 67.

## BOOKS

Lenin and the book; a review of materials published re-cently on the occasion of V, L Lenin's 90th amiversary, Is V. Iakoviev. Kniga, issl. i mat. 4:7-45 161,

Propaganda books should be entertaining. S A Putinev. Kniga, issl. i mat. 4 145-160 161,

# BOOKS-EXHIBITIONS

Exhibition of books published by the Publishing House of Foreign Literature, IU, I. Kuryshev, Poligr, proizv, no. 1/30-32 Ja 163.

## BOOKS-REVIEW

Books of our friends V mire knig 6 no. 6:10 Je 166, Briefbook reviews Nov. mir. 38 no 12:273-277 D 162 Literature for the 50th anniversary of the Great October Revolution. Part, zhizn' no. 2;78-70 Ja '67,

Readers about books. V mire bnig 6 no. 6:18 Je 168. Fo the 50th anniversary of the Great Revolution, A, Panferov. Knizh, torg. 17 no. 11 26 N '66.

The world through the eyes of scholars. Knizh.torg. 18 no 1;12-13 Ja  $^{1}67$ .

BOOKS AND READING
Bersons, I., Riches do not come themselves; on reading
fiction] Bagatiba pati neatnal; parruna par literaturas
lasisanu. Riga, Liesma, 1986. 65 p. [In Latvian] Life and dreams. L. Kotov. V mire knig 6 no. 6.7 Je

166, My beloved books, S. Magidson Sem'la 1 shkola 21 no, 7-26-27 Jl 166, We must give our attention and love to books. I. Kurenkov. Knizh, 101g 17 no, 11:22-23 N 166. A window into the big world, H. Mokrousov. V mire knig 6 no.6 41-42 Je 166.

With love to a friend V. Dokunin Knizh. torg. 18 no. 1: 34 Ja 157

Workdays like holidays. E. Stasova. V name knig 6 no 6 3 Jc '66

Your bookshelf V mire knig 6 no. 65-6 Jc '66.

#### BOOKS AND READING FOR CHILDREN

Motiashov, I.P. [The upbringing of the citizen, new books for children] Vospitanie grazhdanina, o novykh knigakh dlia detel. Moskva, Znanie, 1967. 61 p. (Novoe v zhizni, nauke, tekhnike. Vi Seriia: Literatura, no. 2)

# BOOKSELLERS AND BOOKSELLING

(see also subdivision under Krasnodar Territory, Moscow Province) Advice to new acconditional bookdealers. V. Mekseey.

knizh. torg 18 no 1;26 Ja '67

Al'tshut', G. N. (Organization and technique of selling books) Organizatsiia i tekhnika torgovii knigami. Izd. 2., ispr i dop. Moskva, Kniga, 1965. 235 p (NNC)

A conductor as a bibliophile P. Kokoshkin, Knizh torg. 18 no.1,35 Ja 167

Cooperative bookstores and the All-Union Cooperative Association of Booksellers, G Sigachera Knizh torg. no 1:44 Ja '67

18 no 144 Ja '67 Prater na Minacyal's calling, D. Shvarts, Knizh, torg 17 no 11-32 N '66 The first all-Union study group on advertising and popular-ization of books 1 Kathkina, Knizh, torg, 17 no 11 20-21 N '66

A forum for booksellers. Knizh torg. 18 no 1,59-69

Komarova, A.Z., and N.V. Safonova, [For the public distributor of books, a short reference book] Obshchestvennomu rasprosti aniteliu knigi, kratkii spi avochnik Moskva, Kniga, 1965. 76 p.

Legal consultation, I. Panova, Knigh torg 17 no II-

Legal consultation. Knizh-toig. 18 no-1:63 Ja 167.

Letters to the editor Knizh.torg. 18 no.1;61 Ja 167.

Managers of bookstores N.Shushanskii, Knizh.torg 18 no 1:22-23 Ja 167.

New methods in Soviet booksetting. M. F. Arbuzov, Kniga; isst i mat 4,126-144 '61

the past and the new year. Knizh torg. 18 no 1:4-5

Popular ization of literature is an important part of ideological work. Knizh torg. 17 no. il 1-3 N 166. Significance of the commercial department in studying demand N. Grekhovodov Knizh torg. 18 no 1,20-21

Stepping into the new anniversary year. Knizh terg. 18 no 1:2-3 Ja '67

Tatlana Filippoyns. Kh. Muratov Knizh. torg. 18 no 1:

Thoughts of managers. Knizh.torg 18 no.1/25 Ja 167.

Through the eyes of bibliophiles. IA. Arest. Knizh.torg. 18 no.1:16-17 Ja '67.

Traveling exhibitions, L. Perelygin, Knizh, torg. 17 no. 11 19-20 N '66.

Wholesale trade, M.Gorin, Knizh.torg, 18 no.1:37-39

## BOOKSELLERS AND BOOKSELLING-ACCOUNTING

Money likes to be counted. A Ezhov. Knizh.torg. 18 no.1:14-15 Ja '67.

## BOOKSTORES

(see also subdivision under Krasnoyarsk, Latvia, Moscow Province; Perm Province; Tula; Ukraine, Uzbekistan; White Russia; Yaroslavi)

Coming back to problems already discussed in our periodical. Knizh torg 18 no.1:64 Ja '67.

Cooperative hookstores and the All-Union Cooperative Association of Booksellers. G.Sigacheva. Knightorg. 18 no.1.44 Ja 167.

Esenin behind the counter. N. Petrova, Knizh, torg. 17 na. 11-40-11 N '66.

For the convenience of buyers. C.Shakhov. Knizh.torg. 18 no.1:24-25 Ja 67.

in the "Druzhba" bookstore, G. Koltun, Knizh, torg. 17 no. 11 24-25 N '66. Managers of bookstores, N.Shushanskii, Knizh-torg.

18 no 1:22-23 Ja '67. What does the new system in planning give us? V. Zavgorodnii, Knizh, torg. 17 no. 11-8-10 N '66.

## BOOLEAN FUNCTIONS

An approach to the classification of Boolean functions, V.V. Voitishek. Disk. anal no. 8 35-42 108 Approach to the minimization of systems of Boolean functions, F. I Andon, Kibernetika no. 5,44-48 S-O '66,

#### BOOTS AND SHOES

- $$\begin{split} & f = t(a) \cdot t(a) \cdot t(a) \cdot t(a) \cdot determination of the permishibly to \\ & (a) = t(a) \cdot t(b) \cdot a \cdot a \cdot deng \cdot ap \cdot a, t(c) \cdot t(a) \cdot t(c) \cdot materials \\ & (a) \cdot d(a) \cdot m(a) \cdot a \cdot a \cdot deng \cdot a \cdot B(D) \cdot f(a) \cdot a \cdot b \cdot b \cdot f(a) \cdot b \cdot f(a) \cdot f$$
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- One of intath is noble to the proportions of spike hold topology on the factors of M. V. Mbam and others, i.e. fouch the (26) and (25)-26 (467)

#### EORAGE per subdivision under Kara Kum

#### BORATES

- E stys on structural numeratory, marris--tis on structura nurcialogy. Part 17 Essay 113
- mile er read bar der voll in hedrothermal conditions. It is he readably 40 to Ladebuik. Zhur near gikhim. Id. no. 1.44-19. Jul. 167.

#### BORATES-THERMAL PROPERTIES

Thermal stubbut of burstes of secondary high-molecular doubul- V V Veschol, V M Pedrick E V Mekseen-bo Frud MISZHIMSa po 2 33-34 [6]

#### BORDER PATROLS

At the gates. Oleg Mukhin. Part zhizhi no 4 65-67

#### BORIC ACID

- Apparatus for decomposition of borness and extraction of borne in ill from a cidite. V. V. Schr., Z. V. Sperva, L. I. Bruss man. Trud, MEZHIMSa. no. 2.78-79-161
- Binding of flurdized horse acid in final oxidate in oxidation of figure in tinn hydrocarbons to alcohols. V. V. Veseof liquid it tilin hydrocarbons to alcohols V. to , V M P-Jairs, E E Teighchenko Trudy NISZHIMS: no 2 45-50 '61
- Both and functions in the process of oxidation of priairin hidro abons, V. V. Vesdov, Z. V. Sipecia, L. I. Bruschins, Trudy NISZHIMba no. 2.5-13.161
- Borie acid preparation for its use in the process of oxidation of liquid parafilm hydromethons to alcohols
  V. V Vesetov, V. M. Pedmas, I. I. I mbarsk do Trudy
  NISZHIMSa no 2 30-33 161.
- Determination of borie acid in the presence of vater-soluble fatt, icids E.N. Martynova Trudy MISZHIM54 no 279-83 [6]
- Oxidation of figured parafin hydrocyrbons to alcohols in the presence of decreased amounts of bone and VV Vesclo, and others Trudy NIISZHIMSa no 2 39-45 161
- Hole of dispersity and preliminary dehydration of boric icid during its use in the process of oxidation of paraf-fin hydron irbons V V Veselov, V M Pedans Trudy MISZHIMS1 no 2 25-29 '61

- (see also subdivision under Mangyshlak Peninsula, Ural Mountains)
- Data certificate for toring and Elasting operations in coal mines M. V. Magorchenkov, V. N. Diadyk. Ugolf 37 no 12 14-20. D. 162.
- Equations c; correlative dependence of expenditures of time and commercial speed on the depth of boreholes I M Zatiseva 12x AN Turk SSR Ser obshehesti nauk no 5 44-49 166
- Mechanization of charging boreholes and charge cham-bers V A. Silaet Varyv delo no 61/81,73-77 [68.
- Method of oriented setting of wedges. B. Sultanov, G. I. Shandalov, Razved, i okh, nedr 26 no. 8:51-52 Ag
- Potentials for increasing labor productivity in drilling operations V D. Tubslets Shakht stroi 5 no. 11 17-20 N 481
- Relation between the results of test pumpings and the thoroughness of prior cleaning of wells. F V Kuli-baba. Razved i okh nedt 26 no 157-59 Mr 160.
- Shortcomings in "Technical conditions in planning and equipping water wells," A. A. Khmelevskii, Razved, 1 okh, nedr 26 no. 8.54-55 Ag '60,
- Thermal boring of permainest for pile construction A P Motorenko Strol. 1 dor mash 8 no. 12 12-14 D 161

# BORING-CLASSIFICATION

Classification of borehole drilling methods S.S. Sulakshin, Irv. v/s ucheb, zav., geol, 1 razv. 10 no, 1:123-136 Ja '67.

## BORING-EQUIPMENT AND SUPPLIES

- Certain problems in studying operations of equipment for directed continuous boring O.P Leont'ev and others 12v, vys. ucheb 2av., geol i razv 10 no 1 131-139 Ja '67
- New design dip needle, A G. Kalinin, Razved, i okh, nedr 26 no 3 53-54 Mr '60,
- Some problems of construction of small-size drilling equipment. A M IAkovlev, G A Sen'kin lzv. vys ucneb, zav., geol, 1 razv. 10 no, 1:140-143 Ja '67,

# BORING-MATHEMATICAL MODELS

Methods of making mathematical models for rotary boring processes. I P. Petrov. Liv. vys. ucheb. zav.; gor, zhur. 10 no. 1:138-136 167.

#### BORING-SAFETY MEASURES

Parlenov, V. M. [Safety manual for a driller (in open-pit mitting)] Pamiatka po tekhnike bezopasnosti dita buril'-shchika (na otkrytykh rabotakh). Izd. 2. Moskva, Shodzdat, 1966. 20 p. (Tekhnika bezopasnosti v stroi-tektyk).

#### BORING MACHINERY

- (see also subdivision under Vorkula region, Komi À. S S. R. )
- the BKA anchor core dull with a dust collector. A.IA, Kodintsev, N.N. Krupin, V.A. Stefanovich Ugol Uki 6 no. 12 29-30 D 162
- Character of the process of rock breaking under the action of pulse loads. L. K. Savi 150v. IVV. vya ucheb zav , gor zhu: 8 no 10,76-80 65
- Losses of impact carrgy in clongated ricus. A G. 1Sura-Izv vys.uclab.zav , gor zhur 8 no.10,92 -95 65
- The PMK-150 immersible compressed our drill without valves D N Makarevich Ugolf Ukr 6 no 12:31 valves D 462
- Rebrik, B.M. [Vibrato: techniques in boring] Vibro-tekinika v burenii, Izd. 2., perer. i dop. Moskva, Nedra, 1966. 231 p.
- Theoretical determination of vibration resistance of bor " ingrod rotary tables B. N. Kutuzov. G. S. Sarkis lian Irv.vys ucheb 2nv , gor zhut 10 no.1:76-81 67

#### BORING MACHINERY-DESIGN AND CONSTRUCTION

- Contain characteristics of rock breaking during dynamic penetration of roller bits. N. M. Filimonov, M. R. Maylintov Lev vys. ucheb. zav , gor zhin 8 no 10, 81-83 '65
- Conditions for efficient vibration reduction in oir drill hammers with unambiguous vibration inertia dampers. V. V. IUshun, B. G. Bovdni. Izv. vys. ucheb. zav. ; gor. zhu: 10 no 1:88-92 '67.
- Geometry of the propagation of cracks due to rock fracturing as the basis for selecting length of roller bit teeth N. 4 Kolesmbov. Ev.vys ucheb zav.; gor zhu 10 no 182-84 '67.
- Ivanov, K. I., and others. [Boting technique: and equip-ment in the working of mineral deposits] Tekhnika burentia pri 1azrabulke mestorozhdenii poleznykh iskopaemykh, Moskva, Nedra, 1966, 377 p.
- Methods of calculating double-acting hydraulic-impact machines L. G. Sholokhov Izv vys.ucheb..av., gor zhii 10 no 1:93-100 167.
- A new auger design with a differential screw pitch for frozen ground boring A. N. Dashkov. Vzryv delo no. 61/81,67-73 '66.

## BORING MACHINERY—ELECTRIC DRIVING

- Efficiency of boring holes with electrodialls in conducting mine prosperting I E. Rudavskii. Razved, i okh. nedi 26 no. 3 23-27 Mi 180
- Electric loads and unit power consumption of tope dialis. S A Volotkovskii and others. Got, elektromekh i aviom no 1 II-14 165
- Magnetic starting unit for the ZIF-300 drilling rig. t. A. Baskilovich and others. Razved, i okh. nedr 28 no. 8; 49-51 Ag '60,

## BORING MACHINERY—EXHIBITIONS

BAL5v drilling unit. Inform, biul VDNKII no. 12:34 D 166

# BORISLAV OIL FIELD-PETROLEUM GEOLOGY

- Prospects for discovering new oll-hearing structures in northern part of Borislav oil field. L. T. Boicheyskala. E. V. Tkachenko. Neft. i gaz. prom. no. 5:15-16 S-O 166
- BORISLAV OIL FIELD-PETROLEUM PRODUCTION In field no. 1 of "Borislavnoft" Trust. P. Artemchuk. Neftianik II no. 8 26 Ag '66
- BORISOV, ALEKSANDR ALEKSEEVICH, 1866-1934 A painter of the Russian North, N. Borlsov, Iskussivo 29 no. 12 68-70 166.

# BORISOV (WHITE RUSSIA)—GLASS MANUFACTURE Efficient technology of the preparation of gless charge, P.A. Beloblotskii. Prom. Bel 10 no. 2:26-27 F 167.

### BORON

- (see also subdivision under Siberia, Soviet Central Asla)
- Discussion on boron isomorphism in silicates, V. I. Lebedev Geokhimsia no.10 937-941 [6],
- Specific character of the isomorphous entering of trace elements, of bot on in particular, into foreign lattices. N V. Belov. Geokhimila no 10 942-945 (61,

#### BORON-ANALYSIS

- Methodology of the microspectrofluorometric detection of boron in barley caryopsis. V. M. Iniushin, G. U. Il'ia-sov. Vest, sel'khoz, nauki [Kazakh.] 10 no. 1-116-118
- BORON-EFFECT ON PLANTS see Plants, Effect of

#### BORON COMPOUNDS

Physical properties of (CH₃), O. HF₃ complex Karamian, V. A. Kuamskii, T. P. Fox filk pila 111 4. AN Gruz, SSR 11 no 3 5965-568 11 566

#### BORON FLUORIDG

Using boron fluoride in the production of Indenset (9) versus regime (O) V. 14 stretch and data,  $|V| \rightarrow |V|_{V}$  for the Koks right (no. 5) 11-16 (16)

#### BORON HYDRIDES

Preparation of dihoranchy hydrogenation of all 41 of dichlorade at A. L. Gorbinnov, Co. S. Sodox (CV) (2010) neorg 36tim (12) no 13-7 Jan (G)

BOROVICHUNKO, MARHA SERGEEVNA, d. 1044 <u>Rodimisev, A.</u>I. [Mashen'ka from Myshelovka] Mashen' ka iz Myshelovki. Moskva, Voenizdat, 1965—9) p

### BOROXIN-SPECTRA

Infrared absorption spectrum of vapors of the (x, x; r) B = B₂O₄ = H₂(HeO) = V, S MH iffin, A, A M (Ptorx Vest Moskeun Ser.  4 : Khim,  $^{-9}1$  no  $640^{9}$  do  $^{3}e$  D  $^{3}e$ .

## BORULAKH VALLEY-PASTURUS AND MI ADOW:

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#### BORZHOMI (GEORGIA)-MINERAL WATERS

- Treatment of chronic colitis by subaqueous 150 (20 of 0 s intestine with Borzhoud mineral water combined of other health resort factors M. P. Tvauri, Vopck in fizioter a lech fizikult. 27 no. 6 517 N-O. (6)
- BOSPORUS, CIMMERIAN (KINGDOM) SEC CIMMERIA : Bosnorus (Ruudom)
- BOTANICAL GARDENS see subdivision under Giral Billiain

#### BOTANY

- (see also subdivision under Alazan' Valley: Karabal' Upland)
- Necessity of wide application of bottomical object. in 14. T. G. TSatin ian. Biol. Amr. Arm. 19. no. Paper 3. p. las.
- Vilogradov, B. V. [Acrial methods of studying vertication in arid zones] Acromotody izus hendu vilotife [27] aridnykh zon. Moskva, Nauka, 1868—360 p.

### BOTANY-ANATOMY

- Anatomicomorphological study of seedlings and to t suckers of Prinsepia sinensis (Oliv.) Kem. R.P. Barykina, I.I. Loteva, Vend. Monk. un. Ser. 6: 10.1., pothy. 21 no. 5.00 67 S-O 466.
- Dokl. AN S5SR 172 no 1,214-217 Ja 467.

## BOTANY-DICTIONARILS-POLYGLOT

- Davydov, N.N. [Russian-English-German-French-Fitt botanical dictionary] Botanicheskil slovan' mendo angliisko-nometsko-franlamsko-latinskii. Post red. F.Kh. Bakhleeva. Ed. 2., slereotipnec. Mo lev., 610. red. mostr, nauchno-tekim, slovar of Trannatigiz 1, 2917. (feat)
- BOTANY-ECOLOGY see sandivision under Karhet-Dar'ya Valley

## BOTANY-EMBRYOLGGY

Physiotogical principles of apomixia in plants. H V. TSinger, T. P. Petrovskala-Baranova, Dokt. Av. 172 no. 3,737-740 Jan 167.

# BOTANY-MISCELLANGA

Hyodzinskyi, A.M. (Vitamins in the air. Plant metro-ries. Fungi break asphalt. Witches' broom! Vitamir v vordukhe. Pamiat' rastenii. Griby rvul asfal'i. Ved'mita mella. Kiov, Naukova dumka, 1000. 199 p. (Nauchno-populiarnaia literatura)

## BOTANY-MORPHOLOGY

- Morphological variability in plants as related to tractal acids and protoin synthesis. M.IA. Shkol'nik. \$104 ztar. 61 no.12,1765-1773 D 166.
- Relationship between natural and artificially obtained diversity of forms and some experimental studies is evolution of cultivated plants. If, Stubbs, Greatiff no. 11-9-30 166,
- Study of the morphological characteristics of Laurus nobilia, K. P. Ankvab. Trudy Sukh. bot. saila 181, 13 136 160.

# Botany—variation

Effect of gamma rays on the kidney bean and the soybean. S. C. Tedoradze, Soob. AN Gruz, SSR 28 no. 6:715-715

#### BOTANY-VARIATION (Continued)

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- Variation in citrus plints induced by chemical mutagens, 1 G Kerl alie Genetika no. 12 52-58 166

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- I manual boundary layer on solids of revolution under the action of a bin my gas flow I A Kulonen. Zap IGI 44 no 3 80-9 - 964
- Hethod for integrating the equations describing a laminar bundary layer in an incompressible liquid I A, Kulunen Zap I GI 13 no 3 94-98 '61
- Motion of a plate in a two-component heterogeneous mix-ture V I. Maron, G. G. Safarov. Izv. AN Azerb SSR Sci. fiz. -tekh i mat. mark. no 4,43-17, 166

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- Expansion in eigenfunctions of self-adjoint operators cerresponding to common elliptic problems containing eigens dues in the boundary conditions. V. V. Barkovskii Ukr mat slutt. 19 no 1 9-31 367
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- On the practical use of a new approximation method, M A Aleksidze Diff. may, 2 no. 12:1625-1629 D 166,
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- Using the method of expansion in eigenfunctions of the sing an incomm of expansion in eigenmentions of the dominant term of an equation in solving mixed problems for a second-order equation in the (O, no) interval D G Salmenova – Izy AN Azerb SSH Sci fiz -mat i telh nauk no. 5/29-38/162

### BOXCRS

The anti-imperialistic flight of the I Ho Tuan in Tientain and in Szechwan Province," Abstract of articles from "La shin chiao halleh" for 1960 by I, I, Tutov – Sovi kit lit po obshchesty, naukam no 12:30-35 61,

## DOM:NO

- [In the ring] Na ringe; shornik statel. Moskva, Fizkul'-
- Referees in boung, V. Kon'kov, Teor, i prak, fir kul't 29 no.12:66 D '65,

- Building and release of ammonia in brain of white rats subjected to X-rry triadiation. A TS Pikuleu, 1 K Asipehyk. Vestsi AN BSSR Ser bital nav., no. 475-70 456
- Central mechanisms of the regulation of blood supply and respiration in monkeys, 1 T. Dzheliev, N. I. Lagu-lina, A A Pufacheva, Fiziol, zhur, 49 no 3 330-337 Mr 163
- Change in nucleotide composition of RNA of rat brain in incubation. L. A. Edilashvili Soob. AN Gruz. SSR 44 no 2:325-329 N '66.
- Differences in structure and tonography of a achnoldal brain granulation in man, S. E. Arkhipova. Aikh. anat., gist, i embr. 51 no. 12:51-61 D '66.
- Effect of cycloserine stereoisomers on oxygen absorption by cercbral tissues in rats, R.P Porfirleva, Anti-brother 12 no.1:44-46 Ja '67.
- Effect of sodium fluoroacetic acid on different brain structures in white rats. V. A. Artiushkova, M. V. Kirzon. Vest. Mosk un. Ser. 6: Biol., pochy, 21 no. 5: 18-22 S O '66.
- Morphological characteristics of brain evolution in verte-brates. M. F. Nikitsenka Vestsi AN BSSR, Ser. bital. nav. no. 3:101-100 '66.
- Neutral proteinase activity in brain. E. E. Klein, E. G. KurtsPhaltin, N. V. Gvallin. Soob. AN Guz. SSR 44 no 2:331-336 N 666.

- Relationship between number of receptors and the size of different parts of fish brain, N. V. Bodrova Tradv Inst, biol. vontr wod no.10 272-277 166
- Some conditions of spectrophotometric determination of the activity of succepte dehydrogenose and cytochrome o idase in mitorhonding or the brain. G. P. Gulidova. L N. Serolina Biul chap biol 1 med. 63 no 1 11-11
- 3-O-acyleerebrosides, new sphinguliped brain tissues 1 G. Zhukova, I. S. Glukhod, d., N. K. Kochetkov, Dakl. AN SSSR 167 no. 2 346-349 Mr. 166
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- Histopathological changes in the brain of rats irradiated with X rays in the early postnatal period N. I. Artiokhma Trudy first ves nerv, deiat Ser patoficiol 145-157 '62
- Morphological changes in the brain of rabbits irradiated in the last stages of their antenatal development. I A Chernyshevskaja. Friedy Inst. vys. nerv. derit. Ser. patoficial 10 138-111 '62

#### BRAIN-ARSCESS

Pathogenesis of ruptures of otogenous cerebral abscesses L A Bukhman Zhur ush , nvs, i gorl bol. 19 no 4 54-59 Ji-Ag (59

#### BRAIN-BLOOD SUPPLY

- Methods of studying structure and functional state or brain blood vessels | D. C. Baramid. c. | Soob AN Gruz SSR 44 no 2+191-1117 N %6
- Review of G. Lavortheef book "Vascularization of the brain and cerebral blood circulation" E. V. Shmidt Zhui new 1 psikh 52 ps. 11 1744-1746 262,
- Structural changes in carebellum nuclei folloring circulator y disturbance in brain Z. V. Gobceliita Soob. AN Gray SSR 14 no 3,757-763 D '66

#### BRAIN-CONCUSSION

- Changes in the electric activity of the brain during attacks of a late traumatic psychosis and its approaching remission. P. N. Mirkova, Trudyl GIDUV no. 1 115-162,
- Differentiation between schlzophrenia and late traumatic psychoses with schizophreniform symptoms, F N Mar-kosa [I rudy] GDUV no 4 113-13] [62]
- Pheumoencephalographic studies of late traumatic psychoses. F. N. Markova, [Ludy] CHOUV no. 4 142-144 162
- Posteoncussion generalized skin tanthomatosis A Kh. Adyr Phaev. Shor nauch, trud SOGMI no 10 191-194 10L

## BRAIN-DISCASES

- Effect of Katsch and Kalk's caffeine breakfast on the motor function of the stomach V. A. Reutova nauch trud, SOGMI no 10 18-22 461
- Some characteristics of the course of trace reactions in the sphere of the visual analyses in local lesions of the occipital lobe of the large homispheres in man. V. L. Pantalovs. Zhur, vys. nciv deiat 12 nn 6 1034-1041
- Voscoluznyl s''erd nevropatologov i psikhiatrov, 4th,
  Moscow, 1903. [Transactions of the 4th All-Union
  Congress of Neu opathologists and Psychiatrists]
  Trudy, Moskva, Vees, nauch med, ob-vo nevropatologov i psikhiatrov,
  Vol. 6. [Infectious discasse of the brain] Infek
  - tsionnye zabolevanila golovnogo mozga. Pod i V.V.Mikheeva i D.D. Fedotova, 1965, 374 p. (DNLM)

# BRAIN-HEMORRHAGE

Histopathological changes in the brain of rats irreducted with X rays in the early postnatal period, N. I. Artiu-khina. I udy inst vys. nerv delat Ser patoliziol 10 115-157 462.

## BRAIN-HERNIA see Encephalocele

## BRAIN-INNERVATION

Projection of various afferent systems in the reticular formation of midbrain. D. V. Kadzhaia, S. P. Narikash-vili, Doki AN SSSR 172 no.1;228-232 Ja '67

# BRAIN-LOCALIZATION OF FUNCTIONS

- Lurlia, A. R., and L. S. Tävelkova. [Neuropsychological analysis of problem solving; disorders of the process of problem solving in local lesions of the brain] Neiropsikhologicheskii analiz reshenila zadach; naru-shenie proisessa reshenila zadach pri lokal'nykh porazheniiakh mezga. Meskva, Prosveshchenie, 1966. 289 p.
- Role of cortical and thalamic levels in the formation of recovery cycles of evoked potentials in the visual zone of the corebral cortex. A. IA Supin. Fiziol zhur 52 no. 11:1297-1304 N 166.

#### BRAIN-RESEARCH

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- Micromorphological changes in optic thalamus nuclei following brain tumor. N. G. Camtsemlidze. Soob AN Gruz SSR 41 no 2 189-176 N '66

#### BRAIN-WOUNDS AND INJURIES

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- Diagnostic possibilities of craniography in sever-craniocerebial trauma, M. V.TSykin, V. T. Puso tenko, Vest, 1911, 1134, H. 10, 6 15-50 N-D 166, us ovoi -
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#### BRAINSTEM-DISEASES

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- Construction of the earth dams of the Bratsk Hydroelec-tile Power Station. Theory, stroi. no. 7,29-35 '66. Construction of outdoor-type 200 and 500 kv distribution systems of the Bratsk Hydroelectric Power Station. Finerg, stroi, no. 7:54-60 166,
- Experience in boring and blasting operations in building Bratsk Hydroelectric Power Chitton, B. F. Mursy'ev A. G. Lovshin Vrryv delo no 61/81:244-269 '66 Start openations in the Bratsk Hydroelectric Power Station. Friend strai no 7:54-66 (66,

#### BRATSK HYDROELECTRIC POWER STATION-CON-CRETE DAMS-DESIGN AND CONSTRUCTION

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Digestive leucocytosis in bream, L.I.Smirnová. Trudy Inst.biol.vnutr.vod. no.10143-147 '66

#### BREAM---PHYSIOLOGY

Effect of prolonged starvation on chemical blood indices in bream (Abramis brams L.). V.V.Kuz'mins Trudy Inst biol.vnutr "od. no 10 148-152 "66.

#### BREAST-CANCER

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# BREWING INDUSTRY

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From the experience of the work of the brigades and shock workers of communist labor A, E Aslanov, M, M, Grigorlev Spirt prom 28 no. 3 45 162

## BREWING INDUSTRY-CONGRESSES

Seminar of brewing industry specialists. M. F. Mikhailova Ferm, i spirt, prom. 33 no 144-45 '67',

BREWING INDUSTRY-EQUIPMENT AND SUPPLIES Unit for costinuous production of beer wort abroad, Fel'dman Ferm, 1 spirt, prom 33 no.1 37-42 '67

# BREWING INDUSTRY-MANAGEMENT

Methods for better utilization of the production capacities of enterprises brewing industry. S.S. Elagina. Ferm. i spiri, prom. 33 no.12t-32 167

#### BRICK WALLS

Use of nondestructive methods in determining bearing capacity of brick walls, R.G. Komisarchik Stror i arkhit Len. 26 no 7 22-23. Jl. 166

## BRICKMAKING MACHINERY

Device for disconnecting the city mixer from the SM-143 and SM-277 pressee A. S. Pinkratov. Stror mat 7 no II 26 N 161

#### BRICKS

Cherniavskii, E.V. [Manufacturing of bricks] Proiz-vodstvo Firpicha. Moskva, Strotizdat, 1966. 173 p. (V pomosheh' sel'skomu stroitel'stvu)

#### BRIDGES

Analyzing effectiveness of nev blidge designs. V. G. Andreev Fransp stroit 16 no 2:41-44 1' '66.

Directions for manufacturing bridge components with prestressed redreinforcement L. V. Balinchik. Transpistrel 16 no 2-42-14 F 166

#### BRIDGES-DESIGN AND CONSTRUCTION

Building the portion above the foundations of bridge supports made 1,6 in. diameter shells 1, D. Rosakazov, L. I. Meshcheriakov, N. A. Racyskii Transp. Strol. 16 no 412-11 Ap 466.

Method of improving pile driving with a diesel hammer, B IA Markevich, Avt. dor -24 no  $11.27~\mathrm{N}^{-1}61$ 

## BRIDGES-FOUNDATIONS AND PIERS

Analyzing experience in using 1.6 m  $\,$  diameter shells in bridge foundation supports  $\,$  V V. Alekseev. Transp. bridge foundation supports V V, Alekseev. Transp. at of 16 no 2-12-15 F 166.
Form coefficients in calculating local evosion of bridge

supports on columnar foundations, IU.A.Kovalenko, Transp stroi, 16 no.1 39-40 Ap '66,

#### BRIDGES, CONCRETE

Standardization of the elements of factory-made reinforced concrete bridges. A. A. Dronov Avt. dor. 24 no it 21-23 N 161.

BRIDGES, CONCRETE-DESIGN AND CONSTRUCTION Building non-cheduled highway bridge. M.B. Iolin and others. Transp. stroi. 16 no. 4:9-12 Ap 106.

## BRIDGES, CONCRETE-TESTING

Dynamic tests of a prestressed keramzit concrete bridge, D. N. 4 geev Avt dot. 21 no. 11:17-19 N 161,

#### BRIDGES, SUSPENSION

(see also subdivision under New York (City) )

Calculating multispan suspension by idges taking into consideration deformations of system, I S. Diriov. Stroi, mckh i rasch, soot, 9 no 121-25 167.

## BRIDGES, WOODEN-DESIGN AND CONSTRUCTION

Preparation of glued wooden bridge structures, O.1., Mil'kevich, Transp. strol. 16 no. 4:24-28 Ap '66.

(see also subdivision under Crimea; Saki, Lake, Sivash, Lake)

Decalcification of natural brines with sodium sulfite, B. A. Shoikhet, E. M. Karasik, A. L. Pantelecva, Trudy GIPKH no. 17:27-34 '62.

Electrochemical separation of magnesium chlorate from natural magnesium chloride brines. M. N. Machulkin and others. Trudy GIPKH no. 47:72-77 '62.

## BRIQUETS

Prospects for the production and use of fron coke, V I'.

Matreev. Fudy hhim smet, inst, Sib, old AN SSSR
no 16 95-103 '61

## BRIQUETS (FUEL)

Page 1 to the briquetting pressure on the caking of coal it in the briquetting pressure on the caking of coal it in the bright i

DRITHOLITE see subdivision under Tuva Autonomous Province

## BRITISH SOUTH AFRICA COMPANY

The "Chartered" is a bastion of neocolonialism. M. Kogan, Mit. ekon. i mezidunar, otn. no. 2:122-126 '67.

# BRIUSOV, VALERII IAKOVLEVICH, 1873-1924

[Armenta in Briusov's poetry] Armentia v poezii Briu-sova. Erevan, Aiastan, 1986. 38 p.

### BROACHING MACHINES

New broaching machines. IU. A. Kraiukhin, V. P. TSegetnik, Prom. Bcl. 10 no. 1,48 Ja 167.

New exhibits at the Exhibition of the Achievements of the National Economy Inform, biul, VDNKH no. 1:8-9

# BROILERS (POULTRY) see subdivision under Crimea

### BROMDES

Mechanism of the anodic dissolution and electrodeposition of palladium in bromide electrolytes. V. I. Kravisov. M. I. Zelenskii. Vest. I.GU 21 no. 22;128-135 '46.

#### BROMIDES-PHYSIOLOGICAL ELFLCT

| Rect of bronide on apinal postaynaptic foldless no. 1, 5 | Bartanian N. M. (Akorley, Zh. G. Aldebandro, 1, 1, 5, 4n) | 52 no. 12(1)28-1143 | D. (6)

#### BROMIDES-SOLUBILITY

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#### PROMINATION

Bromination rate as dependent on the atom  $t_{\rm BT}$  of  $\tau$  tonic acid derivatives (K/M/AR/en, 5/N/BT) of  $\tau$   $Tev. AN 555R/Ser/khim = no.4440-441/5 <math>\tau$   $t_{\rm B}$   $t_{\rm B}$ 

Determination of calley landfide in the trape  $c_{\rm th}$  of by the browning trope reaction, (1), V Shint (1), N  $_{\rm th}$  -resulting V ISMIT V = 21:162-16B  $^{\prime}$  to

Some features of the bromination of 1-hydroxy,  $V_{\rm c} = - \frac{1}{2} \left( \frac{1}{2} + \frac{1}$ Stereochemistry of cyclic compounds. Reg. 11 🚼 🕡

streamentary of eyette compounds. Bell 117 / Sterr or he mixtry of bronduction of error for the Pol - he (no e 6-4,2) distribusylk acid. A 5-Oal he - A A 1-Shehmoy, V. F. Kucherov. (Izv. 545.5) for expensive for the polymer of the polymer.

## BROMINE---PHYSIOLOGICAL EFFECT

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#### BROMINE ISOTOPES-PHYSIOLOGICAL EFFET

Fifect of labeled bromide on seer ctory and exceptions functions of the fundal and the pyloric portlar of the stomach, V.1 Kalinin, Med rad I no int at the

#### BRONCHI-CANCER

Significance of reentgenerantetional examinsts at a respiration in early diagnosts of cancer of \$1 - 1 \, \text{A I, Sudofess.} \text{Vop, onk.} \, 13 \, no, 148 \, 25 \, 9t \, t_s

#### BRONCHI-DISEASUS

I ffect of negatively charged acrossed on broaded transmission metallity in heart defects acrossing to parameter that V. M. Leonova. Vop. km 12 ff 100 m in transmission of the chetra knllt. H. no 3-542-546 [66].

## BRONCHI-EXPLORATION

Broneliographic method using aqueous nobiting visitrast media A.I. Goranimov Zhun ush , n : 1 ; 1 bol. 16 no 4 68-70 H-Ar 450.

## BRONCHI-FOREIGN BODIES

Spontaneous preumotherax in a child with a foreign in the breammin, A C. Brantko. Thus and and the boll. 19 no. 6, 16-77 N-D 150.

## BRONCHI---RADIOGRAPHY

Bronchography under Internal barbitum die menthe en V. E. Novikov – Grudskihre – 9 moskilli-lije die l

## BRONCHI-RUPTURE

Successful operation in complete rupture of the remain bronchas - V. V. Hidenich - Oraclabili - 20 (1914) 113-114 Ja-p 6/.

### BRONCHI-SURGERY

Successful operation in complete raphme of the  $\pi_{\{a\}}$  because in our hose. V. V. Ilidenichs. Grud.  $\Re h(t) = t - 1$  113-114.  $\Im a + t - t$  6.1.

Use of hi enchoper icardial fascia for campor in the bronchial attimp. V. I. Struchkov. I., M. Nedvetak (*). Grud khir = 0 no. 1:60-72 Ja-1 - (67).

## BRONCHI-TUBERCULOSIS

Changes in the clinical picture of bronchial into a conduring the last five years. A.I. Pfinners. Prod. 5. 41 no. 1:10-59. 41 no. 1:48-59 '06,

# BRONCHIECTASIS

Late results of surgical treatment of bronchier treatment adolescents. S. A. Gadzhiov, N. A. Glandskerg, M. V. Sokolov. Grad. khit. 9 no 1972-76. Jac1, 407

## BRONCHOCELE see Guiter

### BRONCHOSCOPY

Chukhrienko, D. P. [Bronchoscopy in the diagnostics of treatment of pulmonary diseases] Bronkhoskoph a v diagnostike i lechonii zabolevanii legkiku. Kiev. Zdorovia, 1906. 121 p. (DNLM)

Eight-year experience in using trachechronchesse, a district dispensary, E.G. Beloshind, Prof. 1 Co. 44 no. 1:56-59 '66.

Role of bronchoscopy in surgical intervention in any way. nous forms of pulmonary tuberculosis (4.B. pot, are sekit. Zhur ush, mos i gorl bol. 19 no 4.65 h 2 3 2

Tracheobronchoscopic examination of patients in Stell Antituberculosis Dispensary. V. I. Moisecca - I's in tuh. 44 no.1:53-55 '66.

### BRONZE---METALLOGRAPHY

Fficial of coreposition on the lighty process of silicon-magness bronze A. A. Alabanda ov and other some most limitallocal 22 no. 1,645-637. O '66

RRONZE AGE see subdivision under Azov Sea region: Soviet Central Asia

BROWN-TAIL MOTH see subdivision under Donels Valley

### BRUCELLA

HAUGEAREA Characteristics of Brucelly isolated on territory of the USSR FILEAUMEROA, 'N.Ostrowskata Zhur mikrobiol , cpid reminin 44 no 112-b la 407

Itologs and evolution of Brucella, R.G. Astanian. Zhur milrobed., cond i manum. 14 no 146-22 la 467

### BRUCELLA-PHYSIOLOGY

Comparative characteristics of metabolism in Brucella 5 P Merimov / Zan mulrichtol , epid i immum - 11 no 1 22-26 Jr *67

study of the activity and some physicochemical properties of Brucella, abortus 19-BV dehydrogenises, T. A. Drimovskiii, Zhar mikrobiol, epid rimmun. 44 no.1450-4a, 67

### BRUCELLOSIS

Changes in the erotem spectrum of the blood serum din-ing the balm of a red to retion of patients with chrome fructilosis in Molfid a riffedth Resort. D.A. Amanov Fructilosis in Molfid a riffedth Resort. D.A. Amanov Fructilosis in Molfid a riffedth Resort. D.A. Amanov Fructilosis in Molfid a riffedth Resort.

Mental and vegetative metabolic disorders in brucellosis, Z. V. kopill-frevina. Trudy Gos nauch -inst, mst, psikh 25/252-258 [61].

You at and psychic disorders in brucellosis S. V. Votrearm and payonic aborders in directions. A VOS prinskh, I. Kh Herger, Frudy Gos, nuich sisst mat psikh, 26:259-266 lbt.

### BRUCELLOSIS -- COMPLICATIONS AND SEQUELAE

Treatment of leatons of the peripheral nervous system in brue llosis with vaccine and alcohol-no ocaine injetions D. Kh. Esteva. Shor much trud SOGMI no 10 113 118 161

### BRUCLLLOSIS IN CATTLE

httora conditioning the reactivity of cattle to repeated my ction of brucellon's vaccine. V. S. Stepin, Vest. 5014hoz. nauki [Kazal h.] 10 no.1-74-76 Ja -167.

### BRUEVICH, NIKOLAI GRIGOR'EVICH, 1896-

The 70th birthday of Academician N. G. Bruevich Mashino, edenic no 1/3-4 Ja-1* 67

## BRUSHES, ELECTRIC

Change in the design of a brush holder. M. R. Bodi ingin Aviom. , tek m. i svix † 10 no 12 11 D 466

Improve the quality of hunter for electric machines, A N Koplevatskii, M V Generozov, M, I, Grossman Stand 1 kach 30 no. 11 % N 466.

## BRYANSK-GRAIN-MILLING

Grain filling Combine 1, Litchin, 1 Grahlo, Muk, elev, prom 26 no 303-25 kh (60,

# BRYANSK PROVINCE-FINANCE

Personnel work under the new conditions. IA. Soldatenkov. Fin SSSR 10 no 12:62-66 D '66,

## BRYANSK PROVINCE—FOLK SONGS

Svilova, K.G. [Folk songs of Bryansk Province] Narodaye peeni Briansket oblasti, Moskva, Muzyka, 1966. 240 p.

### BUCKWHEAT

Buchwheat, Al. Gurevich, Zakup, selikhaz, prod. no. 0 50-51 Ag 466

High-standard cultivation practices as a means of increasing the buckwheat crop. R. S. Nazarenko, Z. V. Petrovi Zemiedelie 8 no. 4:54-60 Ap *60.

### BUCKWHEAT-FERTILIZERS AND MANURES (see also subdivision under Siberia, Western

Certificers and nuctar productivity of buckwhent, K.Filippov Zemeledelie 29 no.1,74 Ja 67.

## BUCKWHEAT BREEDING

Selection of radioresistant diploid and autoteti sploid forms of the buckyheat(Fagopyrum esculentum Moenh) R N. Platonova, V V. Sakharov. Radiobiologlia 2 no. 4 a95-600 162.

## BUDGET

(see also subdivision under Udmurt A. S. S. R. ; United States; Uzbekistan)

Budget of the anniversary year SSSR 41 no.1:3-20 Ja 167. V. Garbuzov. Fin.

State budget in consolidated material and financial balance, E. V Detneva, Lkon, i mat, metod, 3 no. 1 104-112 Ja-F '67

Biology of the development and winter hardiness of sour cherry leaf buds C. P. Siubarova, G. A. Baviuto. Vestal AN BSSR, Ser, sel'hasp, nav. no. 4:33-37 '66.

Characteristics of the development of generative buds of some fruit species in Tashkent, Z. M. Fashchenko, Nauch, trudy TashGU no. 210 109-132 162. Torrestion of those study in apple. V.F. Per fillov Vest si 1910 (nauki 11 no 12,65-ad D 966.

### BUENOS AIRES-ICONS

Before the icon of the Mother of Gerl of Vladinob in Buches-Anjes M. K. Markoni. Zhui Mesk Patr. no  $12\,^\circ\!63\,^\circ\!64^{-1}\!66$ 

### BUFFALOUS

Changes in tree amine acids in blood, erain of growing buildoes. K. B. Khalmov, N. M. Husnov, Dokl. AN Arcthe85R, 22 no 981-84, 66

## BUG VALLEY-GUOLOGY, STRATIGRAPHIC

Photos and age relationships of Balta and variegated archiments of Bug Valle, A. P. Helbusk Dop AN URSR no 10 1326-1329 [hb]

### BUG VALLEY—ORE DEPOSITS

Distribution of nickel, cobolt, and canadium in ultrabasi-tes of middle Bug Valley. O B 1 omin Dop AV URSR no 10 1340-1342 [66]

(see also subdivision under Great Britain)

Chaosing the optimum parameters for continuous flow of operations in construction, A.L. Voloveliskit. Pronustroi 30 no 12 41-45 *61.

I ocation of first-order construction in cities, A Bott-sov. Na Stroi Ros - 1 no 324-25 Mr 164.

Planning botting and blasting operations in construction work. A.V. Koremstov, B. I. Kamenka, Verve, delo no. 61/81/121-136 66.

### BUILDING -- COMPLITATIONS

Under the sign of feebinest progress. T. Rossinskips. Nietrol, Ros. 7, no. 12,14-15, D. 166

### BUILDING-CONGRESSES

Conference to exchange experience in designing and building hydraulic tunnels and underground hydrocles tric pover dations V.L.K. bergan, Gidr sator no h \$6-63 N [6]

BUILDING-DETAILS see sundivision under Iman (Maritim Territory)

### BUILDING-ESTIMATES

(see also subdivision under Leningrad; Moscow Province; Sherial

District lists of estimates for construction vork, S Effermov Na strot Ros 4 no. 7°77-28 Ji 163 Leonomic evaluation of design features of apartment houses, G. Fedorov, N. Lazneva, Arbut \$55R. no. 1 houses, 67

Problems of determining construction estimates | S Efficmov, O Berzon Na 211 or Ros 4 no. 1 23 Mr. 16 \$.

Werking out of estimates has been simplified. I. Chudok. Dhon stroi 9 no 1:59-62 Ja 167.

### BUILDING-EXHIBITIONS

(see also subdivision under Leningrad)

The construction evhibit instructs us in advanced practice 1 M Novitskii, Bet, i chel chet no, 12 570-571 D '61.

### BUILDING-MECHANIZATION

From experience of operating machines for creeting electric power transmission lines, M. N. Solovov, Fransp. etco., 46 no 340-11 Mr. 466

## BUILDING-QUALITY CONTROL

Continuous quality control of structural elements by mondestructive methods. Stroi 1 arkhit, Len. 28 no 8; 31 Je '66.

Do not weaken attention to quality of construction, Transp stroi. 16 no. 3 3 Mr '66,

# BUILDING—SAFETY MEASURES

(see also subdivision under Leningrad)

Fedoscov, N.P. [On-life-job safety for construction around fonizing radiation] Bezopasnost ratio a stroitel'stve v uslovitakh ioniziruiushchikh izluclienti. Moskva, Stroitzdat, 1966—58 p.

### BUILDING-TECHNOLOGICAL INNOVATIONS (see also subdivision under Georgia)

Innovators propose. Transp stroi. 16 no.2:53-54 F '66. innovators propose. Transp. stroi. 16 no. 3:52 Mr '66.

### BUILDING, METAL

Metal rod space structures for industrial buildings, Prom. stroi. i firsh, soor, 0 no. 6:30-31 N-D '66.

Methods of control and evaluation of their precision in prestreading metal structural elements. B. Speranskii, IA. Ol'kov. Prem. stroi, i inzh. soor. 8 no 6:21-22 N-D '66.

# BUILDING, STONE

Use of natural stone for walls in industrial construction. Z. A. Atsagortsian, V A Stepanian. Stroi mat. 7 no. 11:24-26 N *61.

### BUILDING AND LOAN ASSOCIATIONS-LAW

Court practice in civil la. conflicts between private persons and cooperative residential building associations. IA D IAnovshi, Sov gost privo no. I His-122 17 '67

### BUILDING FAILURLS

Shkine, A.A. Damages to construction projects, their causes and means of prevention and elimination] Avaria na stroitel nyth ob ekinkh, ikh prichiny i sposoby predup cythdenia i likyldatsi 2. lzd., peret. i dop Moskva, Stroitzdat, 1966. 305 p.

## BUILDING FITTINGS

Handrails, baseboards, etc., made of strips of synthetic resms. A.S. Bykov, A.A. Gorbanovic, Stron.mat. 7 no. 11.28-30. N. 361

## BUILDING FITTINGS-STANDARDS

New standards for building materials Stroi, mat. 7 no. 12 37 D 161,

## BUILDING INSPECTION

(see also subdivision under Leningrad, Pskov Province, Sverdiovsk Province, Volga Hydroelectric Power Station (22d Congress of the CPSU)

Inspection of the quality of construction Na stroi Ros 5 no, 3 27-28 Mi '64

Strengthen the role of public in the struggle for quality in construction. Na stron Ros. 4 no 0 1-2 5 463.

BUILDING INSPECTORS are subdivision under Chelyabinsk, Kuybyshev; Kuybyshev Province; Leningrad; Novokuybyshevsk (Kuybyshev Province); Syzran' (Kuybyshev Province)

BUILDING MACHINERY see Construction equipment

### BUILDING MATERIALS

(see also subdivision under Manitime Territory; Ussui lysk)

Bolvinkin, O. K., G. I. Kliukovskii, and L. A. Manuilov.

[Laborator y manual on the general technology of sittates and the technical analysis of building materials]

Laboratorny praktikum po obshobel tekhnologii silikator i tokhnicheskomu analizu stroitel'nykh muterialov. Moskva, Strelizdat, 1966 399 p

Ceramic metal structural materials. I D. Radomysellskil, V.N.Kilmenko, A 1 Zhorniak. Porosh met 6 no 12 27-36 D 466.

Intensification of the processes of grinding in the produc-tion of building materials, S. M. Roiak, V. 7. Photskii Stroi, mat. 7 no. 11 33-35 N. 161

Khutorianskii, M.S., ed. [Bandbook of building mate-tials and products] Spravochnik po strottel'nym mate-ralam i izdelliam. Kiev, Budivel'nyk, 1966—800 p.

New efficient types of building materials and their new material base. M. B. Grigoro-ich. Razved, i okh, nedr 20 no. 8:63-64 Ag '60, Overall hydraulic mechanization of the winning of sand

for construction purposes. D Mitushin. Rech. iransp. 20 no 7:16-10 Jl '61. Preparation for wide utilization of aluminum alloys in

construction, S V Taranovskir Izv. ASIA no 306-109

The way to new facing materials. I. Burshtein. Nor. khoz, Uzb. 3 no. 2,85-87 F 164.

[Ways of increasing durability and life of building materials and structural elements. Putt povyshentia stolkosti i dolgovechnosti stoltel nykh materialov i konstruktali (Rostov-na-Donu) Izd-vo Rostovskogo univ., 1966, 226 p.

BUILDING MATERIALS—BIBLIOGRAPHY see Bibliography---Building materials

## BUILDING MATERIALS-CONGRESSES

The economic and technological collaboration of the countries of the socialist camp is growing stronger. Stroi, mat  $-7^\circ$  no. II:3 of cover  $N^{-1}\,\rm GL$ 

## BUILDING MATERIALS—TESTING

Device for testing building materials for wear.

Battashevich, Stroi, mat, 7 no, 12 34 D [6].

Popov, L.N. [Laboratory testing of building materials and products] Laboratornyc ispytanila atroitel nykh materiatov i izdelli Moskva, Vysshata shkola, 1966.

## BUILDING MATERIALS—THERMAL PROPERTIES

Device for determining the thermal conductivity of building materials. G V Pukhulskir, L. P. Kubis. Strol. mat. 7 no 11:35-36 N 161.

### BUILDING MATERIALS INDUSTRY

(see also subdivision under Kazakhstan; Virgin Territory; White Russia)

Cherishen, vital cause of the Soviet people. Stroi mat, 7 no. 11:1-2 N 161,

Let's raise the level of designing enterprises for the building materials industry. Stroi. mat. 7 no. 12:1-3

Some problems of automating the production of structural coramics. J. A. Bulavin, Stroi. mat. 7 no. 12.4-7

BUILDING MATLRIALS INDUSTRY-EQUIPMENT AND SUPPLIES

Mazuros D IA., M.I. Rogover, and IU. M. Volt ma.

[He it regimeering, and heat-engineering equipment for enterprises in the building materials industry] Teplotherpiecs in the suppose materials mastery repo-telant of teplote buildings of chorudos unic prodpi flath promyshleanosti stroitel myth materialo . Pod ied. D. IA, Maguros i. Mosva, Stroiled it. Pi. 2. [Industrial host engineering] Promyshlennala teplote build. 1966. 449 p.

BUILDING MATERIALS PADUSTRY-FINANCE see subdivision under Meldavia

BUILDING MATERIALS INDUSTRY-MANAGEMENT (see also subdivision under White Russia)

scriffs 1 be organ tion in a brack of linear effections. A District Sole field 12 no 174-84

BUILDEIG RESEARCH sec subdivision under Leningrad Province, Tashkent

### BUILDINGS-BLAST EFFFCT

Studying account effect diving a pleason of borehole charges in thirst or buildings IL,V Spinion Verys delo no 61/8170-191 406.

BUILDINGS -- DESIGN AND CONSTRUCTION see subdivision ander Leningrid

BUILDINGS -- MAINTENANCE AND REPAIR see subdivision under khartey, Moscow

### BUILDINGS, PREFABRICATED

Structural and operational qualities of an apariment base made f the ec-dimensional clements. E. M. Nie ich L. A. Felstylk, Gor khor Mosk. 35, no 12, 7-t. D. (6)

Using the ray thod of those horsting in house construction S. Sankton (2010), R. Sankton (A. Sankton (Prom., Arm) to H. 14-17 (200)

### BUILT-IN FURNITURE

Stalking the strength or fistening legs in built-in no mature V. K. Cut Les burn i dei prom no 3 H-17 (66.

# BUKACHACHA REGION (CHITA PROVINCE)-COAL

MINES AND MINION 1 Sportence in using I 1U-2 supports in Bukachacha deposit M I Servicio F G Tunos, D R Korovin Up P 42 no 121-24 Ja 67

### BUKHARIN, NIKOLAI IVANOVICH, 1888-1938

Philosophical algainstance of V I Lenin's icmarks on N Buthirm's "Economics of the transitional period" L S Merzon, Nauch doktays shkoly, files naukt and 190-18 161

## BULGARIA-AGRICULTURE, COOPERATIVE

Collectivization in the U.S. S. R. and a movement for cooperative agriculture in Bulgaria in the 1930's and the carly 1910's B. P. Mateer. Sov. Slav. no. 119-27, '67

### BULGARIA-AGRICULTURE, COOPERATIVE-LAW AND LEGISLATION

Stricter observance of agricultural laws in the People's Republic of Bulgaria M Kozyr' Sots, ration, no. 2 60-62 F '67

## BULGARIA-ANTHROPOLOGY

Anthropological characteristics of the population of medical Bulgaria, from the 4th through the 13th and 19th and 20th centuric a pretiumnary report. N. M. Postnikova. Soc. etc., no 6 90-97 N-D '66

### BULGARIA-BAKING-RESEARCH

Work of the scientific research institutes of the baking industry of socialist countries N. E. Morey Khieb i kond prom 11 no.16-3 Ja '57

## BULGARIA-BIBLIOGRAPHY

[New hierature on Bulgaria] Nov. lit. po Bolg. no. 1 '67.

## BULGARIA-CERAMICS

Construction of the forced concrete flooring, R Mulchev, 7 no. 12,25 D 466

PREPARATION-EQUIPMENT AND

k Kovachev and

Traikov.

## DULCHRIA—DESCRIPTION AND TRAVEL

Visitying water, M. Sychev. Agitator 34 no. 2.57-60

## BULGARIA-EURYGASTERS-EXTERMINATION

Control of the shield bug Eurygaster intergriceps in Bulgaria G. Gospodinov. Zashch, 1381 12 no. 1' 54 '67

## BULGARIA-FLOORS, CONCRETE

Ceramic reinforced concrete flooring R Malchey Na stroi. Ros. 7 no 12-25 D 166

# BULGARIA-IRRIGATION

Virufying vater M. Syches Agitator 34 no. 2:57-60

## BULGARIA-LUMBERING

Limbering in the People's Republic of Bulgarie, T. V. Kislova Les. burnil der protes no. 34193-203 '66

### BULGARIA-MEDICAL SCREENING

BOLGARIA — MEDICAL EXPRENDING
Results of fluorographic surveys of the population of
Suita District of the Peoples' Republic of Bulgaria
L N Babackhov Problem 11 no 17-12 '66,

### BULGARIA-POSTAGE STAMPS

Bulgarian stamps G Kiriukhina, Knish torg, 17 no 11-41-45 N 466

## BULGARIA-ROOFS-DESIGN AND CONSTRUCTION

E'reinence in using built-up roofs in Bulgaria, I'. Levi-tin Stroi, raibhit flosk 15 no / 33-41 Jl 166

BULGARIA-TEACHER-STUDENT RELATIONSHIPS Feacher's authority, in the schools of Bulgaria, Vylcho Khristov Nar, obi no, 1100-103 Ja '67

### BULGARIA-TUBERCULOSIS

Results of fluorographic surveys of the population of Sofia District of the Peoples! Republic of Bulgaria L N Babadzhov, Probl tub, 14 no 17-12 '66,

### BULGARIA—VEGETABLE GARDENING

Umatov, A.A. [Advanced practices of Bulgarian vegetable growers] Peredovol op, t tolgarskikh ovosbehovodov Tashkent, "Uzbekistan," 1966–57 p. (DNAL)

## BULGARIAN ART see Art, Bulgarian

BULGARIAN STATESMEN see Statesmen, Bulgat lan

### BULKHEADS (NAVAL ARCHITECTURE)

Dismountable water moor partitions for ships N. M. Ivashkov, IA D. Sobolev, P. A. Antonov. Shor .i.ob., v 13b prom za 1961 g .96-97

### BULLDOZERS

Equipment mounted on a bulldozer for assembling reinforced concrete rings K. A. Gioev, Avt. dor. no. 11 26 N 161

Testing the D-443 loader-buildozer,  $(\lambda,Z)$  Berezovskii Stroi 1 dor mash (6) no 12 H-12 D (64)

Liffect of the age of herd bulls on the quality of off-upring L. I. Kirtha. Dokl TSKHA no. 15,51-55 '50 Relationship between functional activity of thyroid gland and reproductive capically of bulls. U.M. Haryson Vestsi AN ESSR Ser, bifal nav. no. 1 10 3 100 3 66

## BULYHIN, IVAN ANDREEVICH, 1807-

Ivan Andreevich Bulyhin, on his 60th birthday M.D. Nestsiai oyich and others. Vestsi AN BSSR, Ser. blint. nav no.1,126-129 67

## BUNIN, IVAN ALEKSEEVICH, 1870-1953

Description of Russian villages after the Reform of 1061 ın I, A, Bunın's stories published in 1890's, R, F, Velikanova Uch zap Kab, Balk, gos un no. 27,93-106 165

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### BUREYA RANGE-GRANITIZATION

Genetic division of "matectoid" rocks in the Bureya Range of the Far Fast, V A. Rudník, Zap. Vses, min. ob-va 90 no 127-41 tot.

## BURMA-ECONOMIC POLICY

The But mese reject capitalism II. Gayt ilov. Sov. profsoinzy 23 no 1-38-39 Ja '67.

## BURMA-FOREIGN EXCHANGE

Burma and the sterling area, M. Mironov, Mir. ekon. 1 mezhdunar, otn. no. 1:115-117 167.

### BURMA-LABOR AND LABORING CLASSES

The Burmese reject capitalism. IU. Gavrilov. Sov. profsoiuzy 23 no 1:38-39 Ja '67.

BURMESE ART OBJECTS see Art objects, Burmese

## BURNS AND SCALDS

[Buin disease; pathogenesis, ctinical aspects and trent-ment] Ozhogovain bolezn'; patogonez, klinika i lechenic, Kiev, Zdorov'ia, 1966, 244 p. (DNLM)

(DNLM)

Changes in the adienal cortex in burn disease, L, L

Muzykant. Arkh, pat. 28 no. 12:22-26 '66.

Chinical and morphological variations of hepatic and pancreatic lesions in bunne. M. I. Teodori, A. I. Khezanov, O. V. Shnyrenkova. Sov. med. 30 no. 150-54 Ja '67.

Skin cancer in rescattrices of the first longer (R.1. Fig. ) channov. Sov and 29, no. 11,90,93, N. 156.

## BURUNDISTATISMEN sec Statesmen, Burundt

### REPLYAT A. S. S. R. - CARBONATES --- ANALYSIS

Composition of earlianates of enclosing rocks on log a Program from one deposits (Buryat A. S. y. R.). 1 (1) Vanitina, G. I. Ratinkova, G. S. Rumaintsee Vect. M. Valutina, G. I. Ratinderen, G. S. Rumbuntse in Ser. (Cool 1) no 6 h? 70 N D 266 un Ser, I Grol

### BURYAT A. S. S. R. -- PLECTRIC MACHINERY IN DUSTRY---MANAGEMENT

Sonzhley, G. L., and othero, [The communist but a movement and Rs role in workers' training, on the wear practice of the collective of the "blockfrom collas" the he Buryat A.S. S. R. [Dylzhente za kommunist lake 'third rego rol' v vospitanil rationallin, ob ciple ect of kollektiva zavoda "Tekdromashina" buriat dol Ave P. Ulan-Ude, Burlatskoe knizhnoe izd-vo, 1968. 136 p.

BURYAT A. S. S. R. - SBEEP-DISEASI S AND PLATS Bogdanov, A.G. [Helminthiases in sheep and intensity for their control] Gel'mintovy ovels i mery bor'l; s nimi, Ulan-Ude, Burlatskoe knizhnot Izd vo, 1905 111 p. (DNAL)

BURYAT A. S. S. R. —WORLD WAR, 1939-1949 Keichenivker, E. M. [A soldier's glory] Soldat kala Slava, Ulan-Ude, Barlatskoe knizhnoe Izd-vo, 1916. 117 p. tac dum. (CSt-H)

BURYAT PHIIOSOPHY see Philosophy, Hulyst

### BUSINESS-MANAGEMENT

(see also subdivision under. Moscow)

Thresholder, and delivers of product to the home. A Litrushiller, L.R. Percepletchill. Cort. Pho. Mc. 4, 10, no. 12 (24-29). D. 666

BUSINESS LNTERPRISES see amidivision mader 1xxx

### BUSINESS ENTERPRISES -- MANAGEMENT

Bogollubov, I.A. | Formation of the nomenclature plants of production in a business enterprise | Formation of the obredinentia, Riga, Latviiskii respubl. in-t a melaao tokha, informatali i propagandy, 1966. 10 p. (N mer etc. organizatella truda)

### BUTADIENC

Addition of dialkyl aluminum hydeiders to conjugate dali hydrocythonia, 1,17 ddreikin, 1,4 Savina, 19, Va SSSR Sra, khim, no 198/81 Ja 167

Preparation of mived complex compounds of ceques, cohalt, nicked chief decydth school 1, 14 at otto , S. N. Avaklan, R. A. Karapetana, Tevasy saicheb, , khim i khim, tekn s , n. 3626 and and school school

### BUTADIENE POLYMERS

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## BUTADIONE

Synthesis of butadione derivatives N. S. Kozto (A. 1. Krylova, Uch, zap Perm, p.d. first 1975/161/195

### BUTANE

OFFANE
Dehydrogenation of isopentane in presence of isolarladde and oxygen, G. V. Adelban, V. I. Ed Land,
Nottoper, I in flechting, no. 6. 40-43 bit.
Kinotica of the reaction of n-butyllithium with n-batyl

Shatenahtein, E. A. Kovi (zimykh, V. M. Baumanze, kin i kat. 7 no. 6:953-950, N-1) '56. Cridizing dabydi ogonation of a-butane in the present oxygen and small additions of ischine, V. K. Shatenah additions of ischine, V. K. Shatenah and othern. Note, I ga., prom. no. 5:16-10 '2-O 'h)

Species of micro-organisms using instance Z.P. 11 legics.
Mikrobiologita 35 no 6.1059-1003 N-D feb.

## BUTANEDIONE

Activation of discovery production by Stroptos occurs of refe-lactis. A, G. & finevicts. Mila obiologifa. 35, no. 6, 3, 1003, N-D, 100.

## BUTANOL

Study of dehydration mechanism of 2-butanot over H 2 i insted aluminum oxide using radiocarbon CH, & V Isagaliants, IU, L Derbeutsev, Δ, Δ, Halandin – I/– V/s SSSR, Ser khim – no 1/42-40 Ja / 67

## BUTENE

Alkylation of henzene with isommylenes in the preserce of sulfuric acid. M. M. Molik-Zado and others with trud. Az NII NP no. 3, 312-310 158.

Composition of products obtained from exidation of butylenes in presence of palladions thlorids. S. V. Postsikov, B. L. Korsk, N. Z. Nasrthinava, Nestelar, a nestekhim, no. 60:26-28 [46].

### BUTENYNE

Structural and storic directivity of reactions of matter-philic addition of thiels to viny facety lene. V. N. Petis., G. M. Andrianova, E. N. Prilezhaeva, Izv. AN 5551, Ser. khim. no. 12;2100-2108 66.

### BUTIPHOS-TOXICOLOGY

testation and detection of butiphos in forensic chemical O A Alimbhano. evaluations O.A.Mi 9 no 4.11-13 O-D 166 Sud -med elsucit

### BUTOVYCH, MYKOLA, 1896-

[Mykola Butovych, a monograph. The autobiography of M. Butovych and an article by V. Sichuns'kyi] Mykola Butovych, monografia. Avtobiograffia M. Butovycha L. Latia V. Sichins'koho. New York, Slovo, 1956. [25] p. 20 (NN) 20 plates.

Chalester of content in butter 5 Rotenberg Vop pit 25 no 6 78 N-D 166

Effect of prolonged consumption of butter and corn oil on total thefesterol content in 1 it blood serum. A. A. Ve-lichko Vop pit 25 no 5 76-77 N-D *66

Increasing the butter fat content of black and winte cattle in pine breeding A D VIII chynakt Vestar AN BSSR, Ser sellnasp nav no 4428-133 '66

Relation between fat and protein content of row mill.

I. P. Pranovsk us. Vest, sel'khoz, muchi il no. li:60-68

### BUTTERFAT—ANALYSIS

Volatric fatty acids of butterfat. V. P. Aristova, A. A. Kniyshev . Dokl. TSKHA no. 45,113-118 '59.

### BUTYL PHOSPHATES

Study of the structure of hydrochloric acid hydrate-solvates in tributyl phosphates by means of infraricd spectroscopy L. V. Komorov, M. L. Obukhova, M. I. Pushicalov Zhur neorg linm, 12 no 1241-235 July 167

Thermochemistry of binary systems Part I: Systems tiflutyl phosphate - dilucut. IU A. Atanas ev. A. V. Mikelaev. T. I. Koroleva. Radiokhimita no. 6 696-

The mochemistry of binary systems Part 2: Systems (ideal), phosphate - golvate. IV, A. Afanas'av and others. Radiokhimila no.6:699-702 '66.

## BUTYL RUBBER

Effect of thei mal processing of butyl rubber with fillers on the properties of mixtures and vulcanizates obtained by the use of f01 room and suffur. G. M. Ronkin, I, A. Levitin. Kauch, i.e., 26, no. 145-49, 467

Study of the officitiveness of inhibitors during the exidation of butyl rubber. P 1 Levin, 1 V Ruban Kauch, i rez. 26 no.1,23-24 467

## BUTYNE

2-Butyne-1, 4-diol dibenzenesulfonate as initial product for synthesis of 1, 1-dinmino-2-butynes, R. L. Krugli-1, Z. U. Atamator Izv. vys. ucheb. zav, khim, I khim, tekh, 9 no. 5:7/8-781 '66.

### BUTYNEDIOL

2-Buttine-1, 1-diel dibenzenesulfonate as initial product Florest disease of 1, 1-diamino-2-butynes. R.1, Krugli-ko.a. Z. U. Atamatov. Izv. vys. ucheb. zav. khim, 1 khim, tekh 9 no 5/179-781 56.

## DUZAU VALLEY-GLAUCONITE

Some data on the crystallochemical and X-ray investiga-tions of glaur onite from the region between the Doftana and Buzau Valleys (Rumania). Iona Marcsh, Ion Ma-resh, Geokhimia no. 11/1008-1011 '61

BUZULUK REGION (ORENBURG PROVINCE)—GRAIN ELEVATORS—ACCOUNTING
Hussness accounting at the production sectors of the Buzuluk Grain Receiving Station, I, Kukharev, Muk, -clex prom 33 no.17-8 J3 '67,

### BYLINSKII, KONSTANTIN IAKINFOVICIJ, 1894-1960 In memory of Protessor Konstantin lakinfovich Byfinskit, 1694-1960, Kniga, isst 1 mat. 4:335-339 [6]

### CABBAGE-DISEASES AND PESTS (see also subdivision under Ukraine)

Hiology and dynamics of the numbers of European cabbage moth in Kharkov Province. V.I.TS; out to. Trudy KHSKIH 55:86-92 '66.

Ridding cabbage seedlings of wire stem. A.M. Anisimov. Trudy KISKHI 56:20-25 '06.

Some methods of the chemical control of European cab-bage moth V.I.TSybul'ko. Trudy KIBKII 55:93~

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CABBAGE-IRRIGATION see subdivision under Irkutsk

### CARRAGE-STORAGE

Causes of the darkening of white cabbage during drying and storage M. L. Prumkin, I P Petrash Kons 1 ov prom 17 no 316-20 Mi 462

[Forced air ventilation of potatoes and cabbage in storage] Aklivnoc ventili ovanie kartolelia i kapusty pri khranenii, K stoletiiu Scl'skokhozia istvennoi akademii imeni K A. Timiriazeva, Moskva, Kolos, 1966, 230 p.

Storage of cabbage unfer conditions of mechanical ven-tilation G. P. Shumetov Fons 1 ov. prom 22 no 1 20 - 21 Ja 4-7

### CABBAGE BUTTERFLY

Changes in the resistances of Picula bussiene L. and Manuetra bit assigne L. to chlorophos folloring pre-soving mineral icitik, attor of cabbage. V. I. Saret sov Vestsi AN BSSR, Sci. bilal nav. no. 3419-122-166.

### CABBAGEWORMS

Changes in the resistances of Pierrs brossicae L and Mamestra in assicae L. to chlorophos following pre-soving mineral fertilization of coblage V F, Samersov. Vestal AN ISSR. Ser. bit 1 nav no 3 119-124 56

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(see also subdivision under Volga Hydroelectric Power Station (22d Congress of the CPSU) )

Skidding of lumber in selective fellings by light cable installations M. Z. Mys'ko, Lis, hosp., lis., pap. 1 der. prom. no. 1.5-6. Ja-1. '67,

### CADASTURS

[Land cadaster of the U.S.S.R.] Zemel'nyi kadastr SSR. Moskva, Ekonomika, 1967, 357 p.

### CADAVERS

Postoperative jaundice associated with the use of cadaver blood G A Pafornov, D, A Smirnova Khirm gua 42 no 12 66-70 D '65,

Optimal conditions for desiccation of cadaverre plasma (secum) in IUZH RUA apparatus and its clinical test M V Podoliskii and others. Sovered, 29 no 10 53-55 O 166

### CADMIUM see subdivision under Greaburg Province

### CADMIUM INDIUM SELENIDE-SPECTRA

Reflection spectrum of CdingSel crystals, V V, Scholev, Opt. 1 spektr. 21 no. 5,614-645 N 166.

## CADMIUM PLATING

Ammoniate cadmium plating, V.I. Bord, M.A. Runets, Prom. Bet. 10 no. 2:23-24 F '67,

I lecti odeposition of cadmium from alkaline ethylenediamineteti aacetate elech olytes. E. A. Dzhofai ov. A. M. Musaev Doil: AN Azerb. SSR 22 no 9:32-34 '66.

### CADMIUM SELENIDE CRYSTALS-ELECTRIC PROP-ERTIES

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## CADMIUM SULFIDE—SPECTRA

Study of the spectral detendance of the photologization of ac, a. we appear a uependence of the photoionization of sensibilizing centers in cadmium sulfide. V. E. Lashekerey, A. Ptashchenko. Dokl. AN SSSR 172 no. 1:77-79 Ja 167.

### CADMIUM SULFIDE CRYSTALS-ELECTRIC PROP-ERTICS

Physical properties of chmic and non-chmic contacts on CdS-type single crystals, H. I. Holyma, H. A. Pedorus, M. K. Sheinkman, Ukr. fiz. zhun, i no. 5:593-605 S-O

## CADMIUM TIN ARSENIDE CRYSTALS-GROWTH

Production and some properties of the semiconductor compound CdSnAs₂. A.S Borshchevskii and others, Dokl. AN SSSR 171 no 4 8 30-032 D 166

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## CAIRO--U.S.S.R. EMBASSY

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(see also subdivision under Moscow Province) Epitaxial growth of magnetite on calcite, R M Affev, E. V Besedin Min shot, 20 no. 4-582-587 166.

### CALCITE CRYSTALS

Inclusions of hematite in calcite formed in the growth of negative crystals. IU. M. Dymkov. Trudy Mu., muz. no. 12:196-202 161.

### CALCIUM

Decaleification of natural branes with sodium sulfite, B. A. Shoithet, E. M. Karasit, A. I. Panteleeva. Trudy GIPKH no. 47 27-31 '62,

Mutant of breter tophage TiB sensitive to calcium ions V N Krylov Genetika no 12 95-98 166

### CALCIUM-ANALYSIS

Determination of calcium by differential polarography using an ovalute ion wave W.K.Delimarskyi, V D Skobets! Dop AN URSR no 7 928-931 '62

### CALCIUM-SPECTRA

K-spectrum of calcium metal. Electron structure of cal-cium and of transition metals of the beginning of the first period L.D. Finkel'shtein, S. A. Nemnonov. Fiz-met i metalloved 22 no 6-843-648 D '66.

thingties of supersaturation in aqueous suspensions of treatering aluminate and the determination of its metastable solubility [with summary in English]. I's Soloviwa, F.E. Segalova, Foll Lhur, 23 no 1398-314 My-Jt [6]

CALCIUM CARBONATE see subdivision under Black Sea

Study of the corresion resistance of aluminum alleys in a solution of calcium chloride. L V. Zharavicva Kholtekh 43 no.11,11-15 N 466.

### CALCIUM IN THE BODY

Chloride and calcium changes in blood in patients operated under intravenous thiopental-alcohol nor cosis M.I Ham. Vestsi AN BSSR, Ser bijal, nov. no. 3,87-90

Effect of Chulhurym'd hydrogen sulfide haths on the course of chronic infections polyar thritis taking into account the changes of the potassium and calcium level in the blood R.A.Kafai - rade, 1 L. Kiavets, Shor trud Azerb nauch -issl. met kui. i fiz metod lech no, 6 163-168 *62

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## CALCIUM SILICATES

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### CALCIUM SILICIDES

Reduction of cesum chioride by coloum siticide. G.N., Zviadadze, I. S. Tabatudze, D.V. Vatsatáze – Izv. AN SSSR Met., no. 1219-225 Ja. F. 167

### CALCIUM TUNGSTATE CRYSTALS

l'Hect of unia lal compréssion on paramagnetic resonance of Nd³ in CaWO₁. M. M. Zaitov, I. IA. Shekum. Pist. vied. Zhur. eksperit coret, fiz. 4 no. 9.338-341 N

CALCULATING MACHINES see subdivision under Vilnius

### CALCULATING MACHINES-MAINTENANCE AND REPAIR

Savostianov, D.D. [Construction and repair of calcula Ing machines models 37, 37SM, 38, 38SM, 43SM, and 44SM] Konstrukislia i remont vychisitelinykä mashin modeloi 37, 37SM, 38, 38SM, 43SM, 44SM, Izd. 2., perer.i dop. Moskva, Statistika, 1906, 206 p. [Construction and repair of calculat-

## CALCULI, BILIARY

Pathomorphological changes in the liver in cholelithic chologystitis detected by means of punctate biopsy I I. Solov'esa-Raskina | Khilurgila 42 no 12 52-59 D '66

Treatment of the onic calculous cholcoystitis in the light of late results V V Vinegradov, G. E. Busner, Khirungua 42 no 12:41-46 D '66,

## CALCULUS, INTEGRAL-PROGRAMMED INSTRUCTION

Nakhimson, L.M. [Programmed instruction in the field of "Elements of integral calculus": a textbook for technical schools] Programmirovannoe obuchenie po razdelu "Flementy integral nogo ischisientia", posoble dila tekhnikumov Moskva

Pt. 1. [Indefinite integrals] Neopredelennyi Integral, 1955, 40 p.

### CALCULUS, OPERATIONAL

Mordagova, G. M., and R. L. Senkevich. [Problems in higher maltematics; theory of functions of complex variables and the operational calculus] Shornik zadach po kursu vysshei matematiki; teoriia funktsii kompleksnego peremennego i operatsionnoe ischislente. Moskva, 1986, 130 p.

## CALCULUS OF PREDICATES

Application of the inverse method for determining deducibility to the theory of solvable fragments in the classical calculus of predicates. Dokl. AN SSSR 171 no. 6-1282-1285 D '66.

Inverse method for establishing the deducibility for non-prenex formulae in predicate calculus. S. IU, Maslov Dokt AN SSSR 172 no.1:22-25 Ja ¹67.

### CALCULUS OF VARIATIONS

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### CALL NOAR, JEWISH

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## CALIBRATION

California a postern and northy roof tasks (N.M.). Fasti (18 Breachtern & Sh. Akmullio (19 app). Floren with a tepped (20 Al-24 46).

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### CALORIMETERS

Microcalornicer for measuring the spatial distribution of the though of the major test in a particle stream. V. M. Blago-test bunkin Toph fizery temp, along 5-884-885 N-D bb.

### CALORIMETRY

Bot if ereast of daygen in the surface layer of cupies Care as determined by means of adscription calorimetry V f O-tro, on, h 2. Dobro ollesti | Dokl 42/ SSR 172 ro 3 649-650 Ja '67

Aperick red charges in the metabolism of calles V M. Foropolism, M.M. Wostos - Vestisel'khoz nauki II no 12 · 69-72 D '66

### CALVES-FEEDING AND FEEDS

Parenter it application of it on preparations in raising calves S. I. Phashchenko, D. P. Ivanov, A. F. Trofimov Vests: AV BSSR, her sel'hisp na no 4 65-70 '66

Secretion of parenessic june in calves as related to the age and feed ratio: M. M. Serykh Dold Takil \ no. 15.187-192-159

### CAMBITIM

Pasip.tal spicading of the activity of cambium in arthrax caus plants. F. D. Lobzhanidze — Soob, AN Gruz. SSR 26 no 6.725-730 Je  $^{1}61$ 

Periodicity of cambium activity in roots and stems of ood, plants A 1 Kandelaki Noch. AN Gruz SSR 14 no 2 445-451 N '66

Course of the prenatal period in camels. T. Moldagaliev. Vest. sel'khoz. nauki [Kazalh ] 10 no.172-73 Ja '67.

### CAMERAS

Multiobjective cameras of a one-step process. A.A. Syrov Opt.-makh, prom. 33 no. 12 62-64 D 166

CAMPUS PLANNING see subdivision under Donetsk

### CANADA-UKRAINIANS

Chorneiko, Mykhailo. [So that we may not forget the trents of these days] Shehob ne zabuty i denli podil. [Saskatoon] 1864. 131 p. (IU) (InU)

### CANCER

(see also subdivision under Amur Province)
Combination of cancer and reflections, Rt. V. Anokhina,
T A Cleratecta Sev. med 30 no. 1 116-119 Ja '67

Digestive leucocytosis in cancer patients, I.T. Abasov, Dokl M Azerb SSR 18 no 3 59-62 62.

Effect of induced bacterial nucleases on cells of Ehrlich's assitute tumor. I L. Olomik, V. V. Katsalukha, V. F. Korol'ko. Vop. onk. 13 no 110 '67

Firest of phenyline and neodicoumarin on the growth of sarcoma 180. V. IA Shats. Vop. onk. 13 no 1 25-36 '67.

l imits of radioindication method in malignant neoplasms using P³², V Kh Frenkell, S V Shchelokova. Med.

Significance of radiation load on organs and tissues in Ladioth, lapy of some malignant neoplasms and lymphogramiomatosis -1/V Funshtein and others, Med 1 id -12/no(1/35-42) Ja  $^{1}67$ .

X-tay study of the external respiration in patients with primary cancer during radiotherapy & E Dzukaev Shor nauch trud SOGMI no 10 97-101 [6]

### CANCER-PREVENTION

Carcinogenic substances and prevention of cancer. I M Shab of Nop ont. 13 no 13-11 '67

### CANCER CELLS

Local relationships between cells in cellular complexes of ascitti, hepatoma 22. IU M Vasiley and others, Dokt AN SSSR 167 no. 2 177-439 Mi 166

### CANCER RESEARCH

Antineoplastic autoratibodies in animals with some experimental tuniors. R D Antoniuk Vop. onk no 159-64 '67

Chemiluminescence inhibition by blood plasma in case of a malign uit growth A.E. Zakarian. B. N Tarusov Biofizika II no 5:919-921 66

Cultivation of leucacytes of peripheral blood without phytohemisglutinic G G, Poroshenko, Probl gernat, i perel krovi 10 no 12 18-19 D 185.

Effect of growth promoting substance of petroleum origin (NRV) on sarcoma M-1 in rats M D Abdullacy, R A. Guselnova Dokl AN Azerb SSR 18 no 3 63-67 162

Effect of ionizing radiation on high-polymer RNA of Ebilich's ascitic cancer cells [4, 8, Milliman, 1 M. Shapiro Radiobiologiia 2 no 4 530-532 '62

Immunity in chickens with Rous sarcoma. A I Tedorov. Vop. onl = 13 no 1 65-70 - 67

Influence of STH and ACTH on the antineoplastic effect of the toxicity of dipin in hypophyses tomized rate with spicoma 45 VA Chernov, A.S. Sokolova, Vop. onk, 13 no 170-76 '67,

### CANCRINITE

Nature of blue coloration of cancrinite mineral group A.I. Novozhilov and others Zap. Vses. min. ob -ya 95 no 6.736-738 '66

# CANDIDA (FUNGUS)-CULTURES AND CULTURE MEDIA

Characteristics of development of primary and polyploid Candida scottii cultures on natural and synthetic media. L.S. Popova Mikrobiologija 35 no.6:988-986 N-D '66.

Some characteristics of growth and oxygen consumption by Candida cultures on different substrates. S. A. Li-1074, N. D. Isrusalimskii Mikrobiologiia 35 no 6, 037-043 N. D. 66

## CANNED FISH see Fish, Canned

CANNED FOOD see Food, Canned

CANNED MEAT see Meat, Canned

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## CANNERY WORKERS

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## CANNING AND PRESERVING

Balodis, A. [Preserving vegetables and fruit for winter]
Darzenu un auglu sagatavosana ziemai. Riga, Liesma,
1966. 170 p. [in Lutvian]

Changes in the quality of sunflower oil occurring during high temperature preheating. E. L. Keizner, L. F. Reznichenko Kons i ov. prom. 17 no. 3:35-36 Mi. 162.

Contributions of science to industry K.V. Petrukhin Kons i ov.prom 21 no 12,21-22 D 466.

Preserves made from frozen fruit I.Sh. Mogilevskii, A.A. Brovehenko, Kens, i ov, prom 21 no 12:24-26 A A. Brovchenko. Kons. I ov. prom D 166

Study of the process of sugar penetration into the tissue of truit and the removal of water from it M A. Kurbanov. Kons i ov. ptom 21 no. 12:26-29 D 168

Technological characteristics of the "Uspekh" cucumber varity. R. M. Ponomai ebko, A. N. Katurhanskaia Kons. i ov. prom. 17 no 3 23-24 Mt 162.

Vacuum sealing machine for cans of various shapes. I. M. Vortman. Shor.izobr.vryb prom.za 1961 g. 168-72.

### CANNING AND PRESERVING-EQUIPMENT AND SUPPLIES

Modernized can washing machine KMB-1. G. P. Mui ashey. Ryb. prom. no. 53;12-45 '60.

## CANNING INDUSTRY

(see also subdivision under Latvia; Ternopol' Province; Tiraspol', Moidavia)

Awarding of orders and medals of the U.S.S.R. to workers, engineers, and technicians of the canning, dried vegetable, and concentrated food industry. Kons. 1 ov, prom. 22 no. 1 38-43 Js '67. Work results of the industry in 1966 and the hads to 1967. Kons, i ov. prom =  12  no 1 1-1 Jn  164 

### CANNING INDUSTRY-ACCOUNTING

Put more order in the accounting for received and miller to alternate draw trutt. 10,1, Gordon. Kenn Lat., pr. 17, no. 3, 48, 29, Mi., 462.

CANNING INDUSTRY—EQUIPMENT AND SUPPLIES (see also subdivision under Derbent, Darlie da il

Activating hydrautic-jet washing machine. Kons i ov prom, 19 no 19 h die 161,

Change in the construction of nealing needle of the "Nagema" paste canning machine M. N. Globa. D. haferov Ryb parm. 5549-510 (60) McNetdotoco Lecut

Device for passivating can lide N. P. Perephatics in a from verybeprom on 1964 g. 294-907.

Increasing the strength of the excentric shoft of 6 cm. ... press. N. N. Halkov. Ryb. proms no. 5 1718-51 has

Machine for cutting and coving going fruits,  $(2, \alpha_s)$ Bugad e. Rom, i ov prom,  $(2^n)$  no (1/I) Ja (nI)Bugad e. Kona, Lov prom,

Machine for the unloading of autoclave lunckets, A A Typhikevich, Kong Lov prom. 17 no 1946 M. 5

Modernized machine for cubing repetables, F.S.C. ver-zov. Kons for prom. 1. no. 3 t B Mt (1) Reconstructing the M-0 steam-heated deep fixer 11 3

Liovelli, Fons for pram 42 no. Lift da

### CANNING INDUSTRY-MANAGEMENT

Strike for the achievement of atmost economy and thriftingsn. None too, prom. 17, no. 3, 1, 3, Mar. 9.

# CANNING INDUSTRY—PERIODICALS

Topic outline of the journal "Konservanta i ever heles shiftenin prompshiemed" in 1967 Kong, tox per 22 no. 1 11-16 Ja 161.

### CANNING INDUSTRY---PRODUCTION CONTROL

System of chemical and technological control in de ciduction of concentrated tomato products. M G., venko, Kona I ov. prom. (2) no. 1 30 31 Ja (6)

## CAPEK, KAREL, 1890-1938

Remarks on creativity, Korel Capek Vop. lit 5 + 5 156-186 S [6]

### CAPILLARIES

Capillaroscopic changes in thromhophiciditis of the extremittes I. L. Sidorina. Sov. med 20 no.41 * 3 R 46

Use of the biopsy method in the study of blood  $ext{of}(H|\alpha)$  of the minimaxy gloud. A, V, the blov. Had, exampled 1 incd. 63 no. 1403-165. Ja. 67.

## CAPILLARIES - PERMEABILITY

[Development and regulation of histolicimatic backline] Razvitio i reguliatolia gisto-gemalicheskikh barene... Moskva, Nauka, 1967. 190 p.

### CAPILLARITY

Comparative study of thermal transport of various substances in closed capillary-purous systems. A. M. Globus, P. Kh. T. Asset, Dokk AN 984R 144 + A. 1317-1320 D '66,

Viscosity of an allotropic modification of water in quasi-capillaries. B. V. Dorlogin, N. N. Ferlinkon, M. V. Talaev. Dokt. AN SSSR 467 no. 24376-349 Mr. Ur.

## CAPITAL

(see also subdivision under Kazakhstan)

For the business executive's reference. Mor. (let 2) no 1:21 Ja '67.

Lenskala, S.A. [Public production fund cycle and hara-over in the U.S.S.R.] Krugoolan at 1 oboret olada b were in the U.S.S.R.] Krugoolan at 1 oboret olada b 1 units in the U.S. S.R.] Krugoolan at 1 oboret olada b 1 units in the U.S. S.R.] Krugoolan at 1 units in the U.S. Standard payment for production funds. A.V. Sugares in Vest, 1 GU 21 no. 23:144-148 (66).

What are production funds and how to judge them were S. Patur, V. Protopopov. Sov.profochery 23 mo.1... 27 Ja '67

## CAPITAL INVESTMENTS

increasing the effectiveness of capital investments is the most important problem for workers in industried construction. Promistral 39 no. 12:3-1 %

Rolodyl, M.G., and A.P. Stopmov. [Planning for tapt-ial investments with the use of mathematical antibets] Plantrovanic kapital nykli vlozhenti s primenentem matematicheskikh metodov. Moskva, Vysshala shkols, 1966. 83 р.

Potentialities of the efficient use of production further and capital investments. V. Khallurin, V. Kndulin I'kon sel'khoz. 42 no.1:56-65 '67.

sel'khoz. 42 no.1:56-56 '67.

"Price" of time in the power industry. Z. Clukhamer.

Vop.ekon. no.1:29-40 Ja '67.

Rybakova, T.A. [Financing and lesuing credit for capital investments; a collection of problems [Finanstro.a. nie i kreditovanie kapital nykh vlozhenii, sbornak zadzeh.

Moskva, Finansy, 1966. [33 p.

Lsyk, M.A. [Roturn of capital investments in a socialist conomy; the theory of the problem] Ob okupacmostikapital nykh vlozhenii v sotsialistichoskom khozhatsive, tebrila voprosa. Kharkov, 18d-vo teorita voprosa. Knar'kov, Izd-vo Khar'kovskogo gos. univ., 1966. 147 p.

## CAPITAL LEVY

(see also subdivision under Germany, East) C declating norms for economic meentives. N Ichiulev Pin blue, no 2 54-60 F '67

Pacystil, V.A., and A.D. Millionshchikov. [Payment for production funds] Plata 2a professodstvennye fondy. [Leningtad] Finansy, 1966. 78 p.
P. ment for production tunds and its budgetary and business accounting functions. 1X, I their man. Plan. Plan. Plan. 12 37-16 F 167

Payment for production funds and the turnover tay. D. Mohako", Fin, SSSR 10 no. 12; 11-44 D '66,

## CAPITALISM

Bisic contribution of our times and ways of solving # L V. Skvortsov Nauch dok! vys shkoly, filos

Capitalism and the individual F Rozental Nov viem,

25 no 7:11-14 I 167

The fifteth war of a new cia, V Alekseev, Mir. ekon, i no zhdunar, offi, no z i-11 167

Rhoranskii, D. P. [The capitalistic method of production, a textbook] Kapitalisticheskii sposob proizvodstva, uchchnee posobie, Pod red, D. G. Kur'menko, Moskva, Mysl', 1065, 237 p.

(CSI-II)

The law of value and the economics of capitalism and socraftsm. IA, Kromrod, Mir ekon i mezhdunar, ota, no. 157-69 167.

Lenin, V.I. [Imperialism as the highest stage of capi-fallsm, a popular sketch] Imperializm, kak vysshala stadila kapitalizma, populiarnyi ocherk. Moskva, Politizdat [1967] 136 p.

Pokrovskii, A. I., and G. P. Chernikov. [What is "neo-capitalism?"] Chio takoe "neokapiializm"? Moska a Zamie, 1967. 46 p. (Novoe v zhizni, nauke, tekhnike Ili Serita Ekonomika, 4)

### CAPSTAN

Meoring capstan without a spindle. IU, A. Manzhos. Sudostroenie 27 no 1:28-30 Ja '61

### CAR COUPLINGS

Fflect of the Tanimid: DVZ coupling on the track during saffelding G. A. Kalinin Izv.vy4.ucheb./av., les. zhu. 9 nc.6.48-53 166.

### CAR WHEELS

Coefficients of friction between wheels and rails of elec-tric locuratives in open-pit mines IU.I. Danilishia. 120.095 ucheb zav ; gor. zhan 10 no.1:111-113 167

interaction of track and car wheels with irregular wear V. N. Krivosheev, N. N. Kudriavisev. Vest TSNII MPS 25 no. 0-30-32 - 166

Density of the carainel mass as a basis for determining its moisture. f.S. Lurie. Trudy VKNII no 17:166-178 '66.

Effect of primary decomposition products of sugars on the stability of caramel R. IA, Greiser, Trudy VKNII no. 17 3-9 166.

Study investigations related to the study of the strength of caramel V V Simutenko Trudy VKNH no. 17 of caramel 9-12 [66,

Effect of can bine on the excitative phosphorylation of initechondria it can othylated wild out seedlings. V. F. Ladonin Vest. seel'khoz marki 11 ro. 12 137 -141 D 106.

Synthesis of derivatives of N-phosphoryliminothlocarbanic acid and N-phosphorylimidource. L. N. Leykova, P. I. Alimov, Izv. AN SSSR, Sei, khim. no. 12,2238-2220

## CARBAZIC ACID

Analogs of corticosteroids. Report No. 15: Interaction of 1-bromo-1-accty1-2-ry (obevanol and its acctate with h.drazinecarboy itc ester. A. A. Altrem. A. M. Moisecakov. Izv. AN SSSR, Ser, khim. no. 12:2161-2167

Analogs of continuateroids Report No. 17: Reaction of 2-mcthyl-l-acetyl-l-cyclohevene oxide with hydrazine-cathoxylic ester. A. A. Akhtem and others, Izv. AN 8-SR Ser. khim. no. 1:109-111 Ju '87.

### CARBAZOLE

Carbizole phosphorescence, H. M. Kysliak, H. M. Lysenko, V J. Ponochovnyi Ukr. fiz. /hur. H. no. 12:1350-1354 D '66.

Synthesis of carbazole-hase sulfide dyes. V. I. Shishkina, G.N. Lipunova, Z.V. Pushkareva, Izv. vys. ucheb. 2av, khim, i khim, tekh. 9 no. 5:810-813 166.

### CARBENES

Addition of dichiorocarbene to vinyl ethers. M. F. Shosta-kovskii, A. A. Nikiforov, V. V. Keiko. Izv. AN SSSR. Ser. khim. no. 1:149-153 Jn 167.

### CARBIDES

Ternary system W - Cr - C. E. I. Gladyshevskii and others 17v. AN SSSR. Met. no. 1:190-193 Ja-F 167.

## CARBORYDRATE METABOLISM

Carbehydrate absorption by small intestines of sheep as related to their age, Kazken Tashenov, Trudy Inst. Cartohydrate digestion in corr tumen as related to feeding with microelement-enriched silage. B. H. Nil-lin, V. V. Morseev. Trudy Inst. (1210). VN Kazal-h. SSR. 10. 22-27 166

Carbohydrate nutration of young earlie - A D Obukhova, Dokl TSKHA no 15,73-77 [5]0

Dynamics of feed carl obydrate conversion in cattle function ontogeny. Ltd Izmailov, T N.Nesipbaev Trudy Inst fiziol AN Kazakh SSR 10 54-58 466

Effect of Chukhuryard hydrogen sulfide vater on carbohydrate in Chimbin yn in mingen Sunte Vater of varied hydrate inctabolism in chimic polyarthritis of varied chology R A Baggirova Shor trud Azerb nauch -feel inst kur i fiz metod lech no 6 130-155 162

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Effect of the climatic factors of Chukhin virid on some aspects of carbohydrate metabolism in practically healthy people R. A. Bagurova Shor trud Azerb nauch -issl, inst Fur 1 fiz metod lech no. 6 51-62 102

Hydro-ylaminolysis of unidine diphosphate glucose and some of its inalogs. N. K. Nochetkov and others. Dokl. MI SSSR 172, no. ; 603-606. Ja. 167

### CARBOHYDRATLS

Significance of endogenous and exogenous carbohydrates in er goster of biosynthesis by yeast P.S. Liapunova Mikrobiologiia 35 no.6,960-966 N-D '86

### CARBON

Determining the value of carbon equivalent of gray cost from with help of cooling curves. L. M. Marsenbakh, V. V. Kandalin, 12v, v, s. ucheb, zav., chein, met. 10 no. I 165-167. 167.

Gasification of dispersed carbon in diffusion flame of natural gas. A M. FSybulcyskii. Gaz prom., 11 no.12 natural ga , 11-13 '66,

### CARBON, ACTIVATED

Adsorption of aliphatic amines from aqueous solutions on doashed activated coal. A. M. Koganovskii, T. M. Lev-chenko. Uka khim zhur. 32 no.41,1232-1234 166

I ffectiveness of the use of activated carbon depending on its particle size. C.S Rodin and others. I cam to sput, prom. 33 no 1:15-19 '67

### CARBON BLACK

(see also subdivision under Kromenchug)

(see also subdivision under Kromenengy)

Effect of graphitization of carbon black and of interparticle capillary condensation in it on the isotherm and
differential heat of adsorption of n-became by the summary
in English). A A Isonikian, A V Kisilev, Koll, zhuz.
23 no. 3 281-280 My-Re '01

Stabilization of potypropylene with a mixture of carbon

black and sulfidized stavic polypropylene. A, A Dontsov and others. Plast, massy no. 18-10 167

### CARBON DIOXIDE

(see also subdivision under Donets Basin)

Catalytic transformations of equimolar mixture of methane and carbon dioxide. S. IA. Kurganova and others, Doki, AN SSSR 167 no. 2 350-453 Mr 166.

CARBON DIOXIDE-EFFECT ON PLANTS see Plants, Effect of carbon dioxide on

## CARBON DIOXIDE—PHYSIOLOGICAL EFFECT

Prolonged stay of man in a gaseous environment with high content of CO₂. A. G. Kuznetsov, I. R. Kalintchenko Fiziol zhur. 52 no.12;1460-1462 D 466.

New raw materials for the production of carbon disulfide. R. M. Levit and others Gldroliz, i lesokhim prom. 15 no. 5 1J-15 My '62.

CARBON ELECTRODES see Electrodes, Carbon

## CARBON ISOTOPES

(see also subdivision under Carpathian Mountain

Chemical reactions of primary recoil atoms of ¹⁴C, and secondary high energy displaced atoms of ¹²C in solid amino acids. L. P. Fusova. A. Videnkheft. Radio-khimilano. 6:682–680 '66.

Construction of self-absorption curve by using radio-carbon method. V.L. Kaler, R.Z. Koyalevskała. Mikrobiologiia 35 no.64100-1103 N-D 66.

Determining the optimum concentration of food for bream larvae with the help of radioactive carbon C¹⁴. D.A. Panov, III.I.Sorokin, Trudy Inst. biol. vautr. vod. no,10:108-110 166.

Study of constructive metabolism of sulfate reducing bacteria by using C4. IU, I. Sorokin Mikrobiologita 35 no 6:667-977 N-D ¹66.

Study of dehydration mechanism of 2-butanol over fluoninated aluminum oxide using radiocarbon C14 G V. Isaguliants, IU. I. Derbentsev, A A. Balandin, Izv. AN SSSR, Ser. khim. no. 142-46 Ja 167.

Synthesis of tagged normal amylhenzene containing carbon C¹⁴ in a side chain in the position l of the benzene ring, M. M. Melik-Zade and others. Shor, trud. Az NII NP no. 3:306-311 [58].

### CARBON MONOXIDE

Determination of carbon monorale content in flue gases and heat loss due to chemical incompleteness of natural gas combustion N.A. Tishin, I.A. Ishiki mos. Car. prom. 11 no.12 30 466

Regularities of chemisorption of carbon monovide on pro-noted it on catalysts Part 1 F, V Korenevst da. 1 IA Rozowskii King kat. 7 no 6 1100-1101 N-D '66

CARBON -NICKEL ALIOYS see Nickel-curbon alloys

### CARBON TETRACHLORIDE-SPECTRA

Isotopic structure of the  $\gamma_1+i_1$  absorption band in carbon tetrachloride. F.M. Verrin, M.P. Lysytsia, V.L. Strychevs'kyr, Ukr. fiz. chur. 1 no 5 60b-611 S-O 159

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CARBONALES-ANALYSIS see subdivision under Buryat A S, S. R.

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### CARRONIZATION

Carbonization of burry wool V M Sherishev Nauch

### CARBONYL COMPOUNDS

Chemistry of acetals, Report No. 18 Reaction of acetals with compounds containing labile hydrogen atom S Hiffit and others - Izy AN SSSR Sea khim - no 1 132-138 Ja 167

Electric conductivity of the systems of phenols with aldehydes and ketones, Report No 1 R.M. Kulikova, V D. Ryzhov, Trudy TGU 188 83-87 '65

Electric conductivity of the systems of phenols with aldchydes and ketones Report No 2 R M, kulli wa, V D, Ryzhov, B V, Tronov Trud, TGU 185 88-92 165

Tautomerism and geometrical isomerism of nitwigencontaining derivatives of ou bonyl compounds Report No. 14 Dipole moments and structure of phenythydrazonce of some aldehydes and ketones. Iz AN SSSR. Ser. khum. no. 12:2088-2090 '66.

### CARBONYLS

Photochemical reactions of cyclopentadienylniobium tetracorbonyl. A.N. Nesincianov and others. Izv. AN SSSR. Ser. khim. no. 12-2231-2233 65.

X-1 ay diffraction e amination of bimetallic carbonyl derivatives and the length of metal-metal bonds in molecules. IU, I', Struchko, and other 4. Doki. AN SSSR 172 no 1:107-110 Ju 167

### CARCINOGENESIS

Combined effect of masticated tubber and Co60 gamma tradiation on carenogenesis. S. I. Kharlampovich, S. P. Podsosov, Med rad. It no. 12:64-65 D 166

Determination of the absorption by the skeleton of β-particle energy of some todopes in experimental careinogenesis. N. K. Midman, V. I. Fornkarov, D. K. Popov, Vop. onk. 13, no. 156-59, 167.

I fforts to detect humoral autoantibodies in the serum of rats in early stages of carrinogenesis. L. L. Khundanova, Vop onk, 13 no.1:109-110 '67.

Induction of tumors by Rous virus in monkeys, 1. A Zillber and others, Vop. onk, 13 no. 1:49-56 167.

Mechanism of oncogenesis, V.M. Zhdanov. Vop. onk. 13 no.143-49 '67 Methodology of determining small doses of 3.4 benzopyrene in the skin in mice. L. A. Andrianov Binl. cksp. biol.1 med 63 no.1400-102 Ja 487.

## CARCINOGENS

Carcinogenic effect of human and equine smegma on rat nterus in vitto. V.D.Todus. 900b. AN Gruz. SSR 14 no 3:777-784 D 466.

Carcinogenic attronamines. I. N. Shvemberger Vop. onk. 13 no. 1-97-105 '67.
Carcinogenic substances and prevention of cancer. L. M. Shabad. Vop. onk. 13 no. 13-13 '67.

## CARDIAC ANEURYSMS

Comparison of electrokymographic and x-ray data in myocardial infarct and chronic heart anemysm. V. N. Orlov. V. IA. Fridkin. V. P. Veretennikova. Kardlologiia 3 no.1:30-45 Jan. - F '63.

## CARDIAC CATHETERIZATION

Cardiac catheterization with graduated physical load in the avaluation of the state of pulmonary circulation in mitral stenosis. V. G. Stienia. IU. S. Petrosian. S. O. Apsit. Grud.khir. 9 no.1:25-29 Ja-F '67.

Evaluation of the results of surgical correction of interventricular septal defects according to duta of heart catheterization. E. B. Mogilevskii and others. Gud. khir. 0 no.113-17 Jag. 167.

## CARDIAC GLYCOSIDES

Mineral composition of medicinal plant raw materials and phytopreparations with cardiovascular action, V K. IAshchenko, Farmatsey.zhur, 17 no.2:18-54 162.

### CARDIOGRAPHY

trible or bleather recording of the Emetic function for a let up in the amount of balreological effects vop bat , tizie'et a lech fiz bul't 31 1 | Oran-191 | 10 0 | 130-102 | 166

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### CARDIOVASCULAR SYSTEM--DISEASES

Car horascular dis a lors in diabetes mellitus. E A Vasidiva N. R. Pinert-Vir, N. P. Kalenova Problemdok i gorini – 8. no. 6.41-53. N. D. 662,

# [Cardiovascular pathology] Serdechno-sosudistaia patologiia http:///zdorovia. 1986/455 p (DNLM)

Combined the story of the land cardiac versels E. V. T. P. iman, 1 linguism of Sovember 30 no. 171-77 J. 12.

Diseases of the cardiomascular and nervous systems and metabolic diseases, papers by doctors and consultants of therapeutic and prophylactic institutions of the Administrative Office of the Academy of Sciences of the U.S.S.R. | Zabolevania serdectno-socialistic, nor not sistem i bulezin obment veshchesty, raboty viathet i Lonsul tanto lechebno-profilakticheskikh where the transport of the U.S. S.R. | Mechanism of the Consultant of the Consu uchrezhdenii upravleniia delami AN SSSR. Moskva, Nauka, 1966. 298 p (DNLM)

Effect of Challanger d hadrogen sulfide baths on the carthey ascular seating a cording to oscilloraphic data Report No 2 L R Guscinosa Stor trud Azerb nauch -1551 hist but i fiz acetod lech | n i 6 164-171 462

agreeding race or natee raves as a method for the tunetrough coaluation of the cardin ascular system in per acus expected to chrome irradiation. E. A. Demsova. Med. rad. 7 no. 10. 28-32. O. 162.

### CARENE

Isomorpization of 3-catene with acid catalysts. 1.1. Burlyshe wand others Dobt AN BOSR 10 no 11 d73-876 No 166

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### CARICATURES AND CARTOONS see subdivision under Germany, West

### CAROTENE

Stabilization of curotone in grass meal. A.A. Zubrilin, A.F. Luguta Vest, sel'khoz, nauki ili no. 11:72-75 166.

Carotenoid dynamics in pine of different habitats G.A. Shiriaeva. Dokl. WSSSR 172 no 3 733-736 Ja '67

## CAROTIN ARTERY—ABNORMITIES AND DEFORMITIES

Morphology and pathogenesis of pathological tortuosity and Hestons of internal catotid and vertebral arteries N V Vereshchagm, V N Koltover Arkh put 28 no 12 H-16 466

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> acarotid and coronary artur.nevr.i psikh

> > ievr

### CAROTID ARTERY-RADIOGRAPHY

Significance of single-stage bilateral carotid angiography in the diagnosis of intractantal arentyems. A P. Burlutskil, IU. A Zozulia. Zhur nevr. i psikh. 62 no 11 1680-1682 102

### CAROTID ARTERY-SURGERY

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arteries IU.V Bogatyrev Zhui nevi i psikh 62 no li 1976-1680 '62 Surgical treatment of extracranial lesions of carotid

### CAROTID SINUS

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### CARP

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Replacing concentiated food by aquatic veget, attorn in rating two-year old carp. T. A. Deeva. Ryb. prom. no.53,3-10 '60

### CARP-DISEASES AND PESTS

Carp gill disease and measures for its control L.Kh. hparld: Ryb prom. 55:22-38 50.

Phagocytosis in carp following bacterial infection. G.D. Goncharov. Trudy Inst. biol. vnutr. vod. no. 10-331-337 ton

### CARD—PHYSIOLOGY

Dynamics of changes in cholinesterase activity in muscle and ammonia content in brain following phenol poisoning of Carassine car assus L. V. i. Lukijanonko, I., A. Petukhova, Trudy Inst. biol. vnutr. vod. no. 10.311-318 166.

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Inotope composition of carbon of carbonates of sulfur deposits in Carpathian Mountain region V. A Grinciko, G. P. Marchiu, B. I. Srebi odoliskii. Min sbot. 20 no 2,259-271 [166]

## CARPATHIAN MOUNTAIN REGION-CONGLOMERATE

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## CARPATHIAN MOUNTAIN REGION-FOREST ROADS

State of stress in the roadbed of gravel logging truck roads in the Carpathians B. C. Gostev. I. IV. Vronski. Les bum i der. prom. no 3,120-125 '66

### CARPATHIAN MOUNTAIN REGION-GAS, NATURAL-GEOLOGY

Oil and gas prospects in Vygoda-Parrehmaya, series in cis-Carptidan region - IU.E. Kordiiak, E. I. Liskevich, Nett. 1 gaz prom. no 5:5-8 5-0 '66.

# CARPATHIAN MOUNTAIN REGION—GAS WELL

Experience in using formation testers in Carpathian region B.V. Khome and others. Neft r gaz prom. no 6tl7-20 N-D '66.

# CARPATHIAN MOUNTAIN REGION—GUIDEBOOKS

[Young tourists in the Carpathians; a guidebook in Ukraintan and Russian) IUnyi turyst v Karpatakh; putivnyk ukrains'kolu ta rosiis'kolu movamy. Uzhhorod, "Karpaty, "1966, 318 p. illus., fold, maps (ta pocket). paty, " 1. (NN)

## CARPATHIAN MOUNTAIN REGION-HORNTAILS

Coologic and zoogeographical characteristics of horn-tails and sawfites (Hymenoptera, Chalastogatzia) in the Soviel part of the Calpathians and in the Tisza Valley, V. M. lei molenko. Nauk, zap Kyiv, un. 18 no. lillo-135

### CARPATHIAN MOUNTAIN REGION-LUMBERING-MACHINERY

Skidding of lumber in selective fellings by light coble installations M Z. Mys'ko. Lis. hosp., lis, pap. i der prom. no.15-8 Ja-F '67.

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Experience in using formation testers in Carpathian region B.V. Khoma and others. Neft i gaz prom. no 6:17-20 N-D 156.

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## CARPATHIAN MOUNTAIN REGION-PI TROLEUM PRODUCTION

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### CARPATHIAN MOUNTAINS-GEOLOGICAL TIME

New data on the age of the Supot and Valuetti nyv. (1) of the Fastern Carpathians. O. S. Violov, R. V. Dal et al. IA.O. Kull chytolkyi... (10) 10:10-042-062.

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## CARPATHO-UKRAINE see Transcarpathla

## CARPENTRY

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## CARPENTRY-TOOLS

A device for the holding of verk material, A.1, 5-1.) Shola i praizv 10 no.10,52-53 () '66. A finishing plane. A. N. Ivanov, Shkola i proizv, 19 no.10 50 () '66.

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Determining the curvature of cortain curves in geodesy and cartegraphy G.M. Kirinkov. Lev vys uchib., av gend ractor no 6.105-122. (6.2)

History or car tographic work in the Russian State during the perming of the 17th century A, A II) anoson d. Just ast estiteth 12.379-315. http://doi.org/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.100

Manual by N. N. Volokov "Map compiling and map editing "T.G. Svatkova - Izv vys wheb zav "good ractof" no b 137 - 141 162

### CARYOPHANON-CULTURES AND CULTURE MEDIA

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## CASCADES (FLUID DYNAMICS)

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Variation of the salinity of water near the western shore of of the middle part of the Canplan Sea. V. M. Zhirnov, Trudy Azerb, geog. ob-va. 3:140-148-468.

## CASPIAN SEA-SEA LEVEL

Outbook for the water briance of the Casplan Sea. K.K. Glub. Trudy Azerb grog. ob-va 3:126-135 [66].

### CASPIAN SEA-SPRATS

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## CASPIAN SEA-STURGEONS

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## CASPIAN SEA-TEMPERATURE

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# CASPIAN SEA REGION-GASTROPODA, FOSSIL

Upper Pakogenic Viviparidae of northern part of Caspian Sea region, materials for study freshwater malacofauna of Furista. G. F. Lunger-gauten, A. L. Cheprilga. Dold AN SSER 171, no. 6 1121-1124. D. 56.

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Oug protes, not once where he properties of magnesium cast iron in founding parts in sind molds, A. A. Sama-im and others. Tekh long protest no 6 52-53 N-D

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### CAST IRON-ANA LYSIS

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Thermographic determination of carbon equivalent of hypocutectic cast iron, I. I. I. C., I. A. Kitaev. Liv. 133. m.bcb., av., chein met. 10 no. 1.159-164. 267.

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Change in the catalase activity of the blood under the influence of lethal X-ray is radiation L. A. Tiunov, G. A. Vasiltev, O.1. Smirnova, Radiobiologiia 2 no. 4 548-

Characteristics of glucose exidese and cataloge bio-synthesis by Penicillium vitale on media different carbohydrates. N.V. Pokrovalain and others. gila 35 no.6:957-959 N-D '66. Mikrobiolo-

Dissociation and teassociation of human crytin ccyte catalase V. L. Shpitsherg. Biofizika II no. 5;766-772

Effect of Chukhuryurd hydrogen sulfide baths on the catalase and pen oxidase activity of the blood in poly-artinitis A Z. Babacv and others. Sport tud Azerb mauch -issl, inst kur, i fiz metod, lech no 6 159-162 162

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Mechanism of catalase process. G. I. Likhtenshtein, V. IA. Nikitin, A. P. Purmall, Kin, I kat. 7 no. 6;1071-1074

# CATALOGING OF ARCHIVAL MATERIAL

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Work practice of the groups which operate on business accounting 1 S Sokolova, 1.8 Sorokin Sov, arkh no 5 74-82 166.

## CATALOGS, CLASSIFIED

What should the system of classified catalogs be? L. Chein, shev Bibliotekar! 44 no. 2 15-49 F '67

### CATALOGS, PUBLISHERS

Classified subject cards I Aizenberg. Knizh.torg. 18 no.1,21-22 Ja '67

Publishing houses and libraries, V. Nechaev. Bibliotekai 14 no 2.7-li F 167

## CATALOGS, UNION

[Union list of new foreign books, received by the libraries of the U.S.S.R. Series B Social sciences] Svod. biul. nov. inosit knig, postup. v bibl. SSSR. Ser. B Obstichestv. nauki nos. 3-5 '66.

### CATALYSIS

Alkylation of phenois by biumctional compounds. Report No.15 Alkylation of m- and p-cresols with alkyl alcohol in a flor system, and catalytic isomerization of allyl ethers of cresols. E.A. Vikkorova and others. Lzv, AN 555R, Ser, khim. no. 12 2193-2107 466,

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Catalytic transformations of equimolar misture of methane and carbon dioxide. S. IA. Kurganova and others. Dokl AN SSSR 167 no. 2 350-353 Mi *66

Chemistry of hydrocarbons and their catalytic transformations. A. L. Liberman. Usp khim 30 no.5,563-592 My '61.

Composition and optical rotation of products yielded by catalytic conversion of l-menthol E. I. Klabunovskii, L. F. Godunovski, A. A. Balandin. Kin i kat 7 no.6-1020-1024 N-D '66.

Dihenzene-chromium and its homologs as catalysts of Some reduction reactions. D. D. Mozzhukhin and others Izv. AN SSSR Ser khim. no. 1 175-177 Ja 167.

Effect of pH of the medium on the course of catalytic hydrogenation of  $\beta$ -niti ostyrene L. Kh. Freddin, E. F. Litvin, V. M. Chursina Kin, i kat 7 no. 8 1039–1044 N-D '86

Effect of the conditions of catalytic purification on the filterability of cataly_at() oil, and ways for improving its filterability A M Kulley and others. Sbor, trud, Az NII NP no. 3 191-208 158,

Hydrogenation catalysts having an aluminosilicate base. A.V. Lozovoi and others, Zhur, prikl, khim 34 no. 6 1200-1208 Jc 461

Kuctic method of studying pyrophosphate complexes of iron (III). Z A Sheka, L P Andrusenko, I A Sheka Zhur neorg, Flum, 12 no 174-60 Ja 167

Nature of drop down curves on polar ographic and catalytic hydrogen waves in nonbuffer solutions of pyruline and its homologs. M.R. Politekter, S.G. Mairanovskii. Elektrokkimina 2 no 12:1187-1491 D '66.

Possibility of certain methods of catalytic synthesis of benzovazoles. N. S. Kozlov, B I Kiselev. Uch zap. Perm ped, inst. 32 21-25 165

Relation between catalytic and electric properties of germanium and its isoelectronic analogs L.G. Maida-novskoia, I.A Kirovskoia, Trudy TGU 185:23-27 '65 Theory of thei mal ignition, Report No. 3' Regularities

of transition from self-ignition to ignition in systems with autocatalytic decomposition mechanism, V. C. Ah amov, V. T. Contkovskaia, A. G. Merzhanov, Izv. AN SSSR, Ser khim. no 126-29 Ja '67.

Use of race earth oxides in catalytic synthesis. I. C. Sosnina and others Vest. Mosk. un. Ser 2: Khim. 21 no 6:99-104 N-D '66.

### CATALYSTS

Acid platinum-zeolite catalyst for second step of hydrocracking. A. I. Parshina and others. Nofteper. i neftekhim. no.12;17-20 66.

Rhim, no.12,11-20 - Akademila nauk SSR, Sibirskoe otdelenie. Institut analtza, Mcthods of styding catalysts and catalytte reactions) Mctody issledovaniia katalizatorov i kataliticheskikh reaktsili. Novosibirsk, Redaktsionno-izdatel'skii otdel Sibirskogo otd-niia AN SSSR, Vol. 2, 1988. 446 n.

Vol. 2, 1965, 445 p.
Catalytic activity of mixed catalysts Ni-MgO. Part 2.
V.Nikolajenko. VI Danes. M. Krzbivanek. Kin. i kat.
7 no. 6;1025-1031 N-D '66

Choice of anticorrosive coatings for the molding column of aluminosilicate catalysis, K. R. Organezov, Lakok-ras, mat, I ikh prim, no 6 63-64 166.
Compan ative data on the kinetics of benzone hydrogena-

tion on Ni-Cu-and Ni-Co alloys. E. I. Evzerikhin. G. D. Liubarskii. Kin. i kat. 7 no.6:1085-1088 N-D '66.

### CATALYSIS (Continued)

Dimerization of olefins under the effect of catalytic systems based on allyl alamnam halides and nickel salts V Sh I cl'dblium. N V. Obesichalo, t. \ I Leshchen : Dokl AN 555R 172 no 1 lit-lit Ji '67

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Hydrodynamics of a fluid-bed catalyst unior pressure. I P Mukhlenov and others. Zhur puid blum. 31 to 6

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Measurement of powdered catalyst potentials in dielectric media Part 2 Reduction of unsaturated compounds G. V. Tancova, A. R. Pasmar, D. V. Sokol'akti. Flektrokhimma 2 no 12/1457-1463 D '66

Models of hintegrant catalysts, L. A Nakolasi no 147-56 Ja 167.

Study of conversions of cycloherane and cycloherane in the process of reforming in the case of poisoning of cutalysts by throphene. G.V. Lagudiants, M.A. Rhashontseva. Doel. AM SSSR 172, no. 3 507-509.

Study of nickel-magnesium catalysts for hydrogenation obtained by the decomposition of ovalates | I B Rapoport, V V Formina, A I Michael Zhur priki | him | 34 no 6 | 1186-1192 | Jc | 61

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Formation of insoluble rare carths hydroxides on the cathode surface. B. K. Petrin, N. S. Bybyresu. Elektrokhimita 2 no 12:1470-1473 D 60.

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### CATIONS

Calculations according to a new empirical formula for computing cation radii with inert gas shell. G. A. Kurah-lev. Teoret. i eksper. khim. 2 no.6;707-709 S-O '66.

Cation diffusion along faces of alkuli-halide bicrystals.

1A.E. Geguzin and others. Fiz.tver.tela 8 no.11;3248-3253 N '66.

Reletionship between cations and AT Pand myosin and actomyosin monolayers. M. M. Zaslishvill, A. R. Egiazerova. Biofizika II no 5:785-790 '66.

### CATTLE-DISEASES AND PESTS

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Functional significance of the reticular formation of the the anstein in the organization of neuronal activity in the cerebral contex during specific influences. R. R. Vel,ka. Fiziol zhur [Uki.] 12 no.6 795-804 N. D.

Mechanism of the effect of irradiated thyroid gland on the (crebral cottex L.N kondratteva Radiobiologua 2 no 4 560-572 '02

Morphophysiological correlations of evoked potential of the sensor intore cortex in rubbits during the process of postnatal ontogen. F Ata-Muradova, I Chernyshev-skaie Fizioleher 52 no.12/1410-1419 D 166

Phenomenon of the commutation of stimuli in the primary sensor, areas of the cerebral cortex M Sterlade.
M. Demetrescu Fiziol zhur 49 no 3 299-305 Mr *63

Relation of the motility of cortical processes under normal conditions and in schizophienia patients N.G. Miroliubov, IU.S. Nikolaev. Zhur, nevr i psikh 62 no 11 1696-1700 '62

## CEREBRAL CORTEX-INNERVATION

Changes in norve tissue of corebral coriev following removal of its part in kittens. L. V. Polezhacy, K. W. Reznif ov Arkh, anat, gist, 1 cmbr. 51 no 12:9-21

Characteristics of the pathology of nerve cells in the cerebral cortex in schizophrenia V S TSIviliko, Zhur.nevi i psikh 62 no 11 1713-1722 '62

Cytochemical and morphological characteristics of developing cortical neurons in normal white lats and after injection of aurantin I L Korochkin and others, Arkh anat .gist, i embr 51 no. 10 62-68 O '66

## CEREBRAL CORTEX-SURGERY

Changes in nerve tissue of cerebial cortex following remotal of its part in Fitters L. V. Polezhacv. K. IU. Rezultov. Arkh. anat., gist, i embr. 51 no. 12-9-21 D '56.

## CEREBROSIDES

3-O-acyterebrosides, new sphingolipid brain tissues.
I. G. Zhukova, I. S. Glukhoded, N. K. Kochetkov, Doki, AN SSSR 167 no. 2 346-349 Mr 166.

## CEREBROSPINAL FLUID

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# CEREBROVASCULAR DISEASE

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G V, Savetev Arkh pa 28 no 12 62-65 bb

Causes of acute cerebral disorders in patients with rheumatic cardiac detects, N.N Malmovskii Sov med 29 no 11 23-27 N 165

Changes in the neuromotor apparatus in patients with temporary disorders of cerebral blood circulation L. M. Zakharova. Trudy Turk in much -1551 first klim., bur 1112 method lech. £ 71-83 '65.

Chincal aspects of enculation disorders in the vertebral

artery T. A. Luzhetskala. Zhur nevr i paikh. 52 on H 1065-1068-62. Combined lesion of occiebral and circlac vessels. 1'... Felldman, N. I ingerman. So . med. 30. no 171-77.

Differential diagnosis of cerebral tumors and cerebral vascular pathology S.G. Akhandos, Azerb, med zhur, 43 no 12 28-33 D 466

One stage intra- and c tracrantal exclusion of the catotid artery in carotid-caver nois anastomoris as a method of preventing disorders of brain blood checulation A A. Shlykov Zhur nevi 1981kh 52 no 11 1686-1605 102

Pathogenesis and clinical aspects of acute disorders of cerebral criciation in patients with myocardial inferct V.D. Troshin Kardiologiia 3 no. 1446-51 Jan. T 163.

Role of lesions of the extracramal segment of the vertebral arteries in disorders of cerebral circulation, N. V. Vereshchagin - Zhur nevr i psikh - 62 no. 11 1664-1660 462.

Role of pathology of the large blood vessels of the head in the pathogenesis of encephalopathy caused by circulatory disorders G.A. Makendov Zhur nevr i psikh 69 up 1) 1620-1625 162

Significance of cysts of choroid plexuses in sudden death A. Lukash Sad -med ekspert 9 no 116-18 O-D

Some characteristics of disorders of the cerebral blood circulation in a terrovenous mentyans and the technique of examination. A N Konovalov. Zhui nevi i psikh. 62 no 11 1682-1680 162,

### CERESIN see subdivision under Romashkino Oil Field

### CERIUM SALTS

Spectrophotometric study of the interaction of eccium toos with methylene blue in alkaline medium, A. A. Kachan, V. A. Protsenko, Zhur, neor p. khim, 12 no. 1186-138, Ja. 457

Thermal decomposition of cerum dicarboxylates. B.S. Azikov, V.V.Seremennikov, Trudy IGH 185 110-111

## CERVANTES SAAVEDRA, MIGUEL DE, 1547-1610

Cervantes and modern science in the West, N.I. Balashov, Izv AN SSSR, Ser, ltt, 11az, 25 no b 161-480 N-D 166,

Effect of the onic is ritation of upper curvical sympathetic ganglie on cerebral cortex function. V.V. Nikolaeva, A.S Denisova Dokl AN SSSR 172 no 1:239-241 Ja 167.

## CESAREAN SECTION

Mit al commissuration and simultaneous cosmoon section in acute pulmonary edoma in the cithth month of pregnancy. V. N. Krasnomovets and others. Grad. 9 no 1:107-108 Ja-F

Distribution of cesium in granites of the U.S.S.R. A Reus, E.A. Fabribova Geokhimun no 10. 875-880 161.

## CESIUM-METALLURGY

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## CESIUM-THERMAL PROPERTIES

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## CESIUM IODIDE CRYSTALS

Temperature dependencies of a and y -scintillation yield for Cst(Tl), Cst(In), NaI(Tl), and Lit(Cu) crystals. L. E. Grudskais and others. Zhur.prill, spelt. 5 no. 5.035-659 N '66.

## CESTODA

(see also subdivision under Chukchi Peninsula)

Effective methodology of treating hymonologiesis. N. V. Grinenko, A. A. Namitokov. Med paraz.i praz.hol. 35 no 6:718-719 N-D '66.

Morphulogic and ecologic analysis of genus Amoobotaenia (Cestoda Dilepididae). A.A. Spasskii, L. P. Spasskaia, Paraz. zhiv. i rast. no. 2:75-86 '66.

Phylogenetic analysis of cestodes of collective genus Laternporus (Cyclophyllidea), A. A. Spasskii, Paraz., zhly, 1 rast. no. 2-50-63 '66,

Petationalin between ontogenetic development of Protocephilata (Cestoda) and blotic and until 6 the lactors, V.I Freat Daraz, zhie, trast, inc. 2015

Deviation of genus Liga (Costoda; Dilephididae). A.A. Spreakii, V.N.Reznik, Parazzziky, fired., 100 2014

Some regularities in the development of august in solver hymenolepiasis in white mice. B. A. Astafa's pun, i pina, bol. 35 no 6/05-712 N-D (a)

## CHAGATAI LANGUAGE see Jagataic Luguage

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### CHAIN SAWS

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### CHAIN SAWS-ELECTRIC DRIVING

Automatic drive of the PP2 rope-chain now A.P., air koy, E.A. Stepanov Bud tekk, -ekon Inform Grannach -1981 met nouch, i tekh, inform Bunz H.O. S.

CHALCID FLIES see subdivision under Kharkov Proxi .

### CHALCONE

SHALLOOM: Synthesis of some new thiophene and furan in chapt of chalcones. 5 V. Tsukerm in and others. The Limit thur. 32 no. If 1194-4194 [46].

CHALCOPYRILE soe subdivision under Unal Mountal of

Chamomile and its procurement, -1, Polidennyl, Zakup, wel⁴khoz, prod. no. 12:25–26. D.  16 h.

### CHANNELS (HYDRAULIC ENGINEERING)

Precast channels in construction of a state replical electric power station (GRIS), M.1. Blads, 5-1. Blank Prom. strot. 11 no.12-12 466.

### CHARCOAL

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### CHARDZHOU-AFRONAUTICS, COMMERCIAL - STEEDY AND TEACHING

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CHARTER PARTIES are subdivision under Durope,

# CHATRAL RANGE-GEOLOGICAL TIME

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## CHAUVIN, REMY

Penetration into the world of the unknown N. It Echilo. Nov. mir. 42 no. 1.277-249 Jl. 166.

## CHEBEN'KI (ORENBURG PROVINCE) -- GRAIN ELEVATORS-MANAGEMENT

Grain procusement center in theat. M. Pidelburn Zakup scPkhoz prod. no 11,6-7 N 56.

## CHEBOKSARY-COTTON MANUFACTURE

Trend in the reconstruction of northny and picking, kg v t ments. B. M. Vindimirov, V. F. Beloshapko - Ha (1), 1591, trudy TSNIKIBH | za 1963 g. | 32-12

## CHEBOKSARY-PIONEERS (COMMUNIST YOU'II)

Public participation in muscum work. Part. shirm' cont

## CHEBYSHEV POLYNOMIALS

Approximately optimal coefficients of linear "error rite". Part 1. I., 5. (Akupov. Vest, Mosk, un. Ser. 1 Mar., mekh. 22 no. 1:04-08 Ja-F '07.

CHECHEN-INGUSH A. S. S. R. -- ANIMAL INDUSTRY Carrying out the state plan is the main tank, 1,5, 25' toroy Zakup, selfdhoz, prod, no. 11:40 N has.

## CHECHEN-INGUSH A. S. S. R. -- COLLECTIVE FARMS --LABOR PRODUCTIVITY

Efficient time of the fabor resources as a factor in increasing labor productivity. A. B. Soskii v. D. 11 good, VNIESKII no. 26:71-00 165.

## CHECHEN-INGUSH A. S. S. R. -OIL WELL DHILLING

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CHECHEN-INGUSH A. S. S. R. - PETROLEUM PRODUC-

Comparative economic approval of new oil fields in Chechon-Ingush A 5,5 R. L. M. Umushii. Pv vys. ucleb 711, ncft fight 0 no 8 95-99 '66
First steps, work of Oil Field Administration of "Stanogroundft" under new conditions. V. B. Nazarov, Voftramk. 11 no 10 1-2 O '66

CHECHEN-INGUSH A. S.S. R -- PETROLEUM WORKERS Beating the name October, G. Libhov, Neftianik 11 no 10 2-3 O 66

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### CHEESE

the rate is ties of the effecting of cheese produced from the mile of black and white and Jursey coves. G. A. Smirnova. Doll TSKHA no 15 126-129 (59). Exclusives mileoschop the quality of milk for cheese making. M. I Kutja. Dokl Akad self-hoz nauk no. 9 24-29 S (66).

CHEKHOV, ANTON PAVLOVICH, 1860-1904

Chekhov. Moskva, Izd-vo Akad. nauk SSSR, 1960. 969 p. Illis., faesima. filus., tac (OO)

Chekhan's work on the story "The bride." V Galidiner, V Khalizev. Vop lit 5 no 9161-183 5 161

### CHELATES

i viraction of inner -complex compounds of elements with 1-plany1-3-methy1-4-benzoy1-5-pyrazolone. I xtraction of scandium, manganese, and at outnum. IV, A, Zolotor, V. C. Lambrey, Radiolimitia no. 6:627-632 GG.

### CHELATES-SPECTRA

Changes in election paramagnetic resonance spectra of polythelate compounds of copper of a result of their hal treatment G. F. Gerasimova, V. F. Amilitenko, N. P. Kelei, Kinikat, 7 no. 6,104s-1080 N-1) '66.

### CHELYABINSK-BUILDING INSPECTORS

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### CHELYABINSK-EDUCATION-EXPERIMENTAL METHODS

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### CHELYABINSK-EXERCISE THERAPY

I speck need in the organization of exercise therapy in the needs at a initiary section of Chelyabinak Metallingical Flant K.N. Fedokimov. Vop. km., ff-inter. i lech. fiz. bulk. 31 no 5:563-561 [56].

## CHELYADINSK-MEDICINE, INDUSTRIAL

I xperience in the organization of exercise therapy in the medical sanitary section of Chelyabinsk Metallingted Plant. R. N. Evdokimov. Vop kur., ffyloler i lech fiz-kult. 31 no-6:563-561 (66.

## CHELYABINSK-MILITARY EDUCATION

At the Cheliabinal Electrometallin gleaf Combine... V Radbo, S. Rubchinskii. Voen znan. 43 no. 131 Ja. 167.

### CHELYADINSK-ROAD MACHINERY INDUSTRY-MANAGEMENT

In the Chelabinsk Road Machinery Plant. A. Nosikov, 1. Khoifets. Sots.trud. 12 no 2:38-43 F 467.

### CHELYADINSK BASIN-COAL MINES AND MINING-FIRES AND FIRE PREVENTION

Experience in prevention of apontaneous fires in Coal Mine No. 18 bis. A. N. Dadyrev. A. Z. Liekin, V. S. Makarenko Bezop. ir ada v prom. Il no. 1:34-35 Ja '67.

# CHELYABINSK PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

[Pay attention to the individual; from practice of party mass work in the party organizations of Chelyabinsk Province) Volumnie choloveku, iz opyła partilno-massovol raboty v partorganizatsiiakh Cheliabinskoi oblasti. [Cheliabinsk] IU/hno-Ural'skoo knizhnoe izd-vo, 1966. 249 p. (CSt-II)

## CHE LYADINSK PROVINCE—GRANARIES

Practice of receiving grain directly from the harvesters at the granaties of the Penzo and Chelyabinsk Provinces. V. Blagtrev. Muk. -elov. prom. 26 no. J:7-8 Mr 4.0.

CHELYADINSK PROVINCE—LIBRARIES AND READERS We make some progress but..., M. Lebedev, Bibliotekan' 44 no. 2:14-16 F '97.

# CHELYABINSK PROVINCE—SOCIAL GROUP WORK

Charses for political lecturers, V. Zoldov, Agitator 34 no. 4:35 F 167,

## CHELYABINSK PROVINCE-WELLS

Improvement of a water-jet apparatus. IA, Borodin, S, Nagdasev. Tekh, v sel'khoz. 27 no.1:78-79 '67.

### CHEMICAL BONDS

Bond energy of oxygen in the surface layer of cupite of the as determined by means of adsorption calorime V.L. Ostrovskii, N.N. Dobrovol'skii Dokl AN SSSR 172 no 3 549-650 Ja '67

Lifect of chemical bonding on K_B-spectrum of sulfur M. A. Blokhin, V. F. Demekhin, L. S. Gorbatchko – Izv. vya ucheb zav., fiz. – 9 no 6 136-130 ⁶66

Effect of chemical bonding on the kB-band of chlorine V. F Demekhin, M. A. Blobhin | Izv. vys ncheb. zav., fi' 9 no. 6:154-155 '66

Lk mentary acts of some polymerization processes D. N. Shigorin. V. V. Inhapov. V. G. Plotnikov Doll AN 58SR 172 no 1:111-144 Ja '67

Philopy of molecules as an additive value of bond entropy M. P. Muliava, V. U. Shevchul Doki Al; SSSR 171 no. 6/1369-1372 D '66,

Existence of multiple bonds Zr=0 and Hf=0 in solutions of complex zirconyl and hafnyl salts | L.P. l ipatowa, F. I Semenova Izv. AN SSSR. Ser khim no 16-9 Ja 167

Role of chemical bond in reactions occurring between intermetallic compounds. I LKornilov. Dokl. in SSSR 172 no 1:101-103 Ja 167.

Study of properties of Si-H bond in monoorganosilancs by paramagnetic resonance method VO, Reikhsfelvi L.N.Gubanova. Teoret i eksper khim. 2 no 5,529 634 S-O 166.

λ-ray diffraction examination of bimetallic carbonyl derivatives and the length of metal-metal bunds in molecules. IU.T.Struchley and others. Doki AN SSSR 172 no 1:107-110 Ja 167.

### CHEMICAL CLEMENTS

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Distribution of chemical elements in earth crust and quantity of mineral species A.S PovarennyPh. Min shot, 20 no 2:178-185 166

Thermodynanic equations of distribution of chemical elements in crystallication of magma (E. N. Elisecv Min shor, 20 no.2 166-177 166

### CHEMICAL INDUSTRIES

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Ways of expanding the industry for the chemical processing of coal S G Aronov, IU B Tuttunnikov Koks i khim. no.5,14-17 °62

CHEMICAL INDUSTRIES—FINANCE see subdivision under Voskresensk (Moscow Province)

## CHEMICAL INDUSTRIES—SAFETY MEASURES

Protecting workers' labor is a vital concern of trade unions V. Alekseev, Neftianik il no 8 18-19 Ag '56

CHEMICAL MACHINERY—DESIGN AND CONSTRUCTION see subdivision under Moscow

### CHEMICAL MACHINERY-MAINTENANCE AND REPAIR

Keep up strictly with the schedule of equipment repair. A. N. Lisovais. Bezop. truda v prom. 11 no.1-28-29 Ja ¹67

### CHEMICAL MODELS

Application of the theory of similitude to chemical processes V.V. Kafarov, V. A. Reutskii. Usp. khim 30 no 5,679-700 My '61

Certain problems involved in modeling the process of figuid-phase oxidation of paraffin hydrocarbons V. Veselov, A I IIⁿina. Trudy NISZHIMSa no. 2 13-19

Linear speed of air as a basic criterion in modeling the process of liquid-phase exidation of paraffin hydro-carbons, V.V. Veselov, A 1 Wina. Trudy NIISZHIMSa carbons, V.V.

Problems in the simulation of the characteristics of a biological catalysis. V. A. Afanas'ev and others. Izv. AN Kir. SSR no. 2:10-46 S-O '66.

## CHEMICAL PLANTS

Restoration and anticorrosion protection of an acid shop building E.V Makarov, E.A.Rubbakh, Prom. stroi 30 no 12 26-29 '61.

CHEMICAL PLANTS-DESIGN AND CONSTRUCTION (see also subdivision under Kemerovo; Moscow; Omsk; Voskresensk, Moscow Province)

Volarization, industry to the for rebuilding shops. V.A. Bol'shakov. Prom. stroi. 44 no. 12·17-19·166. Indisputable advantages. B Sosyl'nikov, A Uvarov. Na stroi Ros 5 no 3·22-23 Mr 165.

A matter of state importance. S. Rovenskii. Na stroi. Ros 5 no 3:3-5 Mr |64,

Outdoor location of systems in production of contact sulfuric acid. G.F. Lukrianov, Prom. stroi. 44 no. 12:22-26 166.

Produce excellent designs for buildings of the large-scale chemical industry. P Molodin. Na stroi Ros 4 no.7-22-23 Jl 463.

Protect efficiently outdoor installations. V. Rygalov, V. Sokolov. Na stroi. Ros. 5 no 3 14-15 Mr 164.

Speed-up chemical construction projects. S IAzylov. Fkon strov. 9 no 1.23-27 Ja 67

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CHEMICAL PLANTS—EQUIPMENT AND SUPPLIES see subdivision under Nevimonysk Stavropol Territory)

## CHEMICAL PLANTS-MODELS

Tishontuk, I.O., and G. N. Shlygin [Mock-up method of designing, experience in planning enterprises for the oxygen industries] Model no-maketnyl metod oxockiti oxanita, opyt procekti oxanita predpristif kislorodnoi promyshlennosti Moskva, Shroizdat, 1966–145 p.

### CHEMICAL PLANTS—SAFETY MEASURES

Industrial toxicology is the basis of labor hygiene and safety in chemical plants BB Shugaev. Bezop truda v prom 11 no 148-51 Ja '67

## CHEMICAL REACTION, RATE OF

Decomposition of tetrachlorosilane in adiabatic compression F. B. Vurzel', L. S. Polak, V. S. Shehipachev. Kinikat 7 no.6/1068-1071 N-D '66.

Determination of rate constants of reactions of terrocene and its dirivatives with perovide radicals. L.M. Postnikov, E.M. Tochina, V.IA Shliapintokh Dokl AN SSR 172 no 3651-654 Jul 167

Kinctics of cyclohevane delight operation in a gradientless system Part 3 A, A, Andicev. D. M. Shopov. S L. Kiperman Kin. i kat 7 no 19:1092-1091 N-D '66 Kinetics of cyclaten of todde by hydrogen peroade in

presence of titanium (IV) V zhur. 32 no. 11 1160-1167 166. V A Litvinenko Ukr Phim

kinetics of the reaction of n-butyllithium with n-butyl the omide in presence of electron-donor additions. A. I., Sh itenshtein, C. A. Kovrizhnykh V. M. Basmanova, Kin. I kat. 7 no.6 953-980 N-D '66.

Mechanism of reaction termination in atomic oxygen flame of methane V.I.A. Basevich, S. M. Kogarko Kin. i kat. 7 no 6:1085-1068 N-D '86.

New gradientless reactor and batchmeter for studying kinetics of gas phase reactions. I. I. Ioffe, V. S. Fedorov. V. I. Salenko Kin I kat. 7 no 6 1089-1100 N-D '66

Radial distribution of radicals in diffusion flame with the allowance for quadratic recombination B.V. Payloy. L. IU. Rusin. Kin. i kat. 7 no 6:981-966 N-D 166

Rate constants and mechanism of reactions of oxygen atoms with ethyl alcohol and propionaldehyde L I. Avramenko, R. V. Koleenikova, G I. Savinova, Izv. AN SSSR, Ser, khim, no. 1 22-26 Ja '67.

Role of collective donor -acceptor interactions in fast low-temperature molecular reactions, Reactions of olefu halogenation V A Lishnevskii Dokl, AN SSSR 172 no. 3,641-644 Ja '67

CHEMICAL REDUCTION see Reduction, Chemical

CHEMICAL RESEARCH see subdivision under Ukraine

### CHEMICAL TESTS AND REAGENTS

Determination of imputities in pure chromium using group reagents, P. V. Marchenko, Ukr. khim. zhur. 32 no. 11 1216-1219 '66.

Fraishtat, D. M. [Preparation of chemical reagents]
Proizvodstvo khimicheskikh reaktivov. Moskva, Vysshata shkola, 1966 117 p.

Obtaining reactive magnesium chloride from technical magnesium. S. I. IAvorskii, M. D. Tarabi ina, A. K. Shishova, Trudy GIPKH no. 47.49-62 '62.

Obtaining reactive magnesium exides from natural brines decalcified with the sulfite method. B. A. Shoikhet, E. M. Karasik, A. I. Panteleeva, Trudy GIPKH no. 17; 35-18 '62.

CHEMICAL WARFARE
Radiation and chemical reconnaissance, V. Nesterov,
Voen, vest, 41 no.6:102-105 Je '61,

CHEMICAL WARFARE—SAFETY MEASURES

Lesions and their prevention, R. Korotkova, Voen, znen, 43 no.129 Ja '67,

# CHEMICALS-PHYSIOLOGICAL EFFECT

Inactivation of tobacco mosale virus by some chemical substances and the factors influencing its reversibility. A.D. Bobyr, P.F. Baratova Mikrobiol zhur. 24 no 5 58-52 482

## CHEMISTRY-DICTIONARIES

CHEMISTRY—DICTIONARIES
Arbaev, S.A., K.S. Sulaimankulov, and K.Sh. Shatemirov.
[Russian-Kirghiz dictionary of chemical terms] Knimitalyk terminderdin oruscha-kyrgyzcha sozdugu.
Russko-kirgizskii elovar' khimicheskikh terminov.
Frunze, Ilim, 1966. 317 p.

Concise chemical encyclopedia | Kraikaia khimicheskaia enisiklopedia | Red.kollegia I. L. Knuniants i dr Mo-skva, Sovetskaia Enisiklopedia | Enisiklopedii, slovari,

spravochniki) Vol.5 T-IA. 1167, 1184 columns.

CHEMISTRY.—HISTORY
Philpsophical problems in the history of chemistry,
M. I Shakhparonov Nauch, dokl, vys, shkoly; filos
nauki 4 no 1 165-174 161.

### CHEMISTRY-LABORATORY MANUALS

Missoedova, T. G. [Laboratory work in technical analysis, a manual for teachers] Prakticheskie zaniatila po tekhnicheskomu analizu, posoble dila uchitelei Moskva, Prosvesichenie, 1965—194 p.

### CHEMISTRY-STUDY AND TEACHING

(see also subdivision under Great Britain) Liter relation of chemistry and physics with the fundamentals of metallurg. C. I. Lyrichov. Vech ered, shi ola 9 no. 5:53-59 S-O (60.

Need for the interrelation of subjects, 1. I Raibov. Vech sted. shkola 9 no 5:16-18 S-O '68.

### CHEMISTRY, ANALYTICAL

Determination of cadmium and lead in germanium dioxide by means of a malgam polar ography with storage. A, L. Kamenev, I, N, Vinogradova, V, N Figur ovskala. Vest. Mosk-un Ser 2: Khim 21 no 6:113-115 N-D 166.

Kovalenko, P. N., and K. N. Bagdasar ov. Physicochemical methods of analysis, practical tevtbook] Fiziko-khimicheskie metody analiza, prasticheskoc rukovodstvo 2, izd, ispr. i dop. [Rostov-na-Done] Izd-vo Rostovskogo univ., 1986. 383 p.

### CHEMISTRY, ANALYTICAL-PROBLEMS, EXERCISES, ETC.

<u>IAroslaytsey, A.A.</u> [Collection of problems and exci-cless in analytical chemistry] Sbornik zadach i uprazh-nenii po analiticheskoi khimii <u>Izd 2., ispr. i dop</u> Mo-skya, Vysshaia shrola, 1866. 283 p

### CHEMISTRY, ANALYTICAL-QUALITATIVE

Phenylstibinic acid and its derivatives in analytical chemistry S. H. Pilhin Farmatsev, zhur, 18 m 38-43 163.

### CHEMISTRY, FORENSIC

Forensic chemical detection of tubazid IA Z Illiasov gud -med ekspert 9 no t 44-45 O-D 166

isolation and delection of buliphos in torensic chemical examinations O A Alimkhanov Sud -med eksperit 9 no 141-43 O-D 166

Microcrystalloacopic reactions for thecodine. V.T Pozdhlakova, N V Bukanova Farmatsev zhur no 3 65-68 '63

Simplified method or contact chromatography using test-paper for detection of metals in area of gaishot wounds L M Fidlin Sud -med ekspert 9 no 4 48-49 O-D '66

### C HEMISTRY, INORGANIC-CONGRESSES see subdivision under Ukraine

## CHEMISTRY, PHYSICAL AND THEORETICAL

Petrov, G. L., and A.S. Tumaley. [Theory of welding processes; with fundamentals of physical chemistry]
Teorita svarochnykh protessov, s osnovami fizicheskoi khimil. Moskva, Vysshala shkola, 1967, 507 p.

CHEMISTRY, PHYSICAL ORGANIC-CONGRESSES 2d All-Union Conference on Physical Methods of Research, V. A. Afanas'ev. 12v. AN Kir. SSR no. 2:96 S-O '66.

CHEMISTRY, TECHNICAL see subdivision under Uzbekistan

## CHEMISTRY, TECHNICAL-ABSTRACTS

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## CHEMOTHERAPY

Characteristics of the course of osteoarticular tuberoulosis in children during antibacterial therapy K, M, Maskeev. Sov med. 29 no. 10 122-128 O '66.

Chemoprophylaxis of dysentery in elderly and schile persons, A.F. Podlevskii, Sh.N. Eidel'shtein, E.I. Kupina, Antibiotiki 12 no 1:60-63 Ja *67

Methodology of prolonged intra-arterial chemotherapy in malignant neoplasms of the breast S. A. Gaspa-rian, B. G. Gol'dman, Khiru gita 42 no.13 97-100 rian, E D'66.

Use of auto- and allotrasfusion of bone marrow in conjunction with increased doses of chemopreparations in the treatment of lymphogranulomatosis and tumorous reticulosis, G. E. khutsishvili Probl. gemat, i peref, krovi 12 no. 1;37-40 Ja 487.

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Planning for state deliveries of consumers cooperatives should be conducted on a scientific basis. F. Makarenko Zakup, sel'khoz, prod. no. 8 37-38 Ag. '66

### CHERNOV, IURII

Plastic images of IUril Chemov, I. Kuptsov. Iskusatvo 29 no 12 21-26 466

### CHERNOVTSY-AERONAUTICS, COMMERCIAL-STUDY AND TEACHING

Technical training in a flight unit. A. Zamulin. Grazhd. av. 12 no. 10:15-17 O 55.

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Regularities in the distribution of organic remains in a profile of Chernozem soils of northern Kazakhstan E. V. Kulakov Pochvovedenie no 3 12-20 Mi 160,

Results of the conjecence on the problem "Scientific bases of the efficient use of soils in the Chernozem zone of the U.S.S R and ways for increasing their fertility " P. G. Adei Ikhin. Pochvovedenie no 1423-124 Ja 167.

### CHERNYYE ZEMLI-WELLS

Means of obtaining underground water the Chernyye Zemii I, S. Nikolodyshev, T. V Zubateva Gidi i mei 11 no 5 48-57 My 162,

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Biology of the development and winter hardiness of sour cherry leaf buds. E. P. Simborova, G. A. Baytuto Vestsi AN BSSR, Ser. sel'hasp nav. no. 1;33-37 '66.

### CHERTOMLYK REGION (UKRAINE)-HORNBLENDE-ANALYSIS.

Variations in composition of hornblendes from metabasite formation of Chestoml, k-Solenaya region, V. L. Holko Min, shor. 20 no. 2217-258 166,

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The knight takes Elena-5, Aleksandr Kotov Mol. komp no. 1 122-127 '66.

Let's talk seriously about class. P. A. Kızhizhenoyekii. Sred spcts.obi 13 no 7,13-44 Jl 166.

## CHEST-CANCER

Mediastinoscopy in the diagnosis of diseases of the chest, A. S. Libov, V. L. Poluzakov, Von onk, 13 no. 1,14-18 '67

## CHEST-RADIOGRAPHY

Thymus gland as a normal component of the median shadow on roentgenegrams of younger and older chil-dren, IU. A. Popov. Vest. rent. i rad, 11 no. 6:78-81 N-D '86.

### CHEST-SURGERY

Disorders of external respiration and acid-base equilibrium before and following intrathoracic operations
E. Grants. Grud khir. 9 no 1:10-55 Ja-F 167.

Experience in the practice of using a metal clamp (pellet) in flotation of the mediastinum and cheet. S.I. Baidin Grud.khir. 9 no 1,118 Ja-F 167.

## CHEST-WOUNDS AND INJURIES

Heart lesions in closed trauma of the chest. and others Sud -med ekspert 9 no, 4-11-14 O-D 166

Penetiating gunshot wounds of the chest in peacotime. N.I.Trethekov. Gud.khir. 9 no.1:116-117 Ja-F '61.

### CHETVERUKHIN, NIKOLAI FEDOROVICH, 1891-The 75th birthday of a scholar. Sov. pedag. 31 no. 1:158

Ja 67. CHEVKINITE see subdivision under Siberia

Effect of ripening degree and solvents on proteins of chick-pea. V. G. Klimenko, G. B. Laonov. Dokl. AN SSSR 172 no.1:218-221 Ja '67.

CHICK PEA-DISEASES AND PESTS see subdivision under Caucasus, Northern

CHIGGERS (MITES) see subdivision under Moldavia

Thements of human diversity 5, Lamberg, Sambir 1 5000 22 no. 1 B-10 Ja 167,

L.S. [Children with affective believing 1), 11 " Slavina. affektivnym povedeniem Moskva, Prosvedenie i 1986 148 p.

Some aspects of interrelation between learning and intellection development. G. S. Rostink, Soc., publ., 31 no.1124-27. Jul. 167.

CHILDREN see subdivision under Hungary

## CHILDREN-ANECDOTES AND SAYINGS

The children are saving. Seminat shkola it no cold A few amiles. Semila i shkota 21 no. 7.57 11 inf

### CHILDREN -- CARE AND HYGIENE

Burtseya, M. E. [Health days in school] Dul Adoro 'In shkole Moskva, Prosveshebeule, 1965—42 p alkole NIC

Effect of the Chulduryard climate on the organism if children, A Kh Salakhov, Shor, trud Azerb mad lest met kur i fiz, metod lech no 6 66-66 462,

[Materials on the physical development of children of adolescents of the cities and rural areas of the the state and the state of the state are goldescents of the state of the sta Gol'dfel'd, A.M. Merkova, A.G. TSelfling, [Lenloy and] Meditaina, No.2. 1965. 665 p.

### CHILDREN-GROWTH

Age-related and individual differences in the fundiment geregated the brain in young children according to be troencephalographic data N.S. Mirrojanta Zhari er nerv defat 12 no 6 1012-1048 N-D (6)

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Letters on various themes. Semin I shkola  $(1+\alpha)^{l}$  14-46 Jl  $(166)^{l}$ 

Letters to the editor, Semita i shkola 27 no.1-14 le Ja 167.

Matveova, L.G. [Do we always understand them?] Year 14 It my lkh pontmanem? Moskva, Znanie, 1988 / R p (Narodnyi universitet. Pedagogieheskii fakul'in),

A need for the beautiful, 1', IAkobson, Semila i dista 21 no. 7 17-18 Jl 166,

Our reader's comments. Sem'(a i shkola 21 ao i 4 47 Jl '66.

Postupal'skala, M. I. [Placovery of the world] (Marytte mira, Moskya, Znante, 1967, 79 p. (Narodeytuni versitet; Pedagogicheskii fakul'tel, no.)] Twenty minutes, A. Protopopova, Semilal thich P no 110-11 Ja '67.

## CHILDREN-SURGERY

Problems of diagnosis and surgical treatment of  $\{(i,j)\}$  tal heart defects in young children. IA.V. Volted by . O. Patains, J. Breicis. Grad khir. 9 no likely it

Supramalicolar estectomy in children and adelenting, S.D.Dzakhov, IU.V.Kurochkin, Ortop., haven i protez, 27 no. 12:41-48 D '66,

Surgical treatment of constation of the north in calchildhood. V.I. Frantsev and others. Guid-lahle. S no.1:7-9 Jn-F '67.

# CHILDREN AS ARTISTS

The world through the eyes of children, L. Uvatora Iskusatvo 29 no. 12 47-51 166.

## CHILDREN IN AGRICULTURE

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teee also subdivision ander Lavis)

Experience in the cultivation of castor-oil plants, V Gromyko Shkola i proizv, 10 no. 10/36 O ha Experience in the organization of the agricultural work of students, A. G. Glushchenko, Shkola i proizv, 10 no. 10/36-36 O '66, inculcate the habit of work, V. A. Slobodeniuk, Shkola i proizv, 10 no. 10/36-27 O '68, Practical work in the sowing of winter grain crops '5, F. Kutushevskii, Shkola i proizv, 10 no. 10.1-33 U '64.

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CHILDREN'S FURNITURE—DESIGN AND CONSTRUCTION

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When research is creatively carried on, D.G. Gadanhi, a Stroi, i arkhit, Len. 28 no 7-31 Ji 166.

CHILDREN'S ILLUSTRATED BOOKS are illustrated books , Children's

CHILDREN'S LIBRARIES see Libraries, Children's

### CHILDREN'S LITERATURE

A friend of children and youth, contemporary publishing of children's books in the U.S. S. R. K. F. Piskunov, Kntg., as straint. 4-65-400-461

CHILDREN'S LITERATURE—HISTORY AND CRITICISM life, school, and books. M. Musatov. Mol komin.

Silvery word; articles on literature for children and young people | Sudiabotals vards, raketi par bermir un jumatnes literaturu. Riga, Llesma, 1966 210 p In Latvian]

### CHILDREN'S PLAYS

[hi our theater; plays, seemes, and farces for school amateur theatricals] V mashem teatre, presy, stseny, shutki dlia shkol'noi samodelatel'nosti Moskva, Detынала ин-та, 1966 175 р.

### CHILDREN'S POETRY

Verse published in "Murrell 2." Vladimu Lifthut, Oktiabr 1 33 no 12 197-199 D 66

### CHILDREN'S STORILS

The older and the younger ones K. Brunova, N. Lvekova, Nach, Shkoka 35 no. 1 14-16 La 467

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### CHIMKENT -- CLOTHING INDUSTRY--- PRODUCTION STANDARDS

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# CHIMKENT-ZINC INDUSTRY-PRODUCTION STANDARDS Fstablishing norms and plans for scientific labor organization. R. Khehdabergesov. Nar, khoz, Kazakh. 24 no. 11-38-40 N 166.

## CHIMPANZEES

Physiological analysis of voluntary behavior of anthro-poid monkoys (chimpanzoes). A. I. Schastnyi, Dokl. AN SSSR 171 no. 6:1454-1457 D '66.

## CHINA-ECONOMIC CONDITIONS

Paopic's china goes from victory to victory. I. Mangutova. Nar. khoz. Uzb. 3 no. 2:92-96 F '81.

## CHINA-FOREIGN RELATIONS

Foreign policy of the Chinese People's Republic; plans and reality. L. Sergeev. Agitator 34 no. 3:83-55 F 167.

## CHINA-FOREIGN RELATIONS-RUSSIA

Inti-Societ policy of Mao Pae-tung and his group. Nov. 116m. 25 no 9 36-40 P 167 Our comments Nov viem. 25 no 71-3 F 167

On comments Nov vietn. 25 no (1-5 r 15)
The tragedy of China. 1, fer-Grigorian Nov. vietn
25 no 10 9-12 Vh 167.

### CHINA--HISTORY

Character of the uprising at the end of the Yuan period Character of the uprising at the chalor the luan person and the tole of Chinese landowners in this uprising" liv Kuan Wên-fa, Abstract from "Wo hang ta hauch jea, wan k'a halleh hauch piao" no. 8 1959 by S, I Zaretskata Sovi kit lit po obsheheaty, naukam no. 42 16-52 161

"Character of the wars between the Chinang peoples and the western than Empire" by Ch'un Klowsei. Abstract from "Li sinh chiao shiloh" no 7 1960 by V. I. Kudi in Sovi kit lit po obshchesty, naukam no 12/79-83/61

"Formation of Sun Yat-sen's revolutionary views and the Follmation of Sun Yat-son's revolutionary views and in-foundation of the Society for the Renaissance of China' by Chin Chlung-chi, Hung Sheng-vin Wistract from "Li shiti ven chiu" no 5 1960 by R. N. Sikacheva Sovr, kit hi po obshehesty naukurn no, 12 25-26 [6]

[Manchu i ule in China] Manchzhu skoe vladvchesivo v Kilae Moskva, Nauka, 1986 385 p

### CHINA-PEASANT OPRISINGS

The role of revolutionary ideas in the prasant wars in China and their connection with religion" by Yang Kuang Abstract from "Issüch slar ydch ktar," no 7 1960 by V 1 Kudrin Sovi kit lit.po obshehestv naukam no 42 80-96

## CHINA-POLITICS AND COVERNMENT

Anti-Soriet policy of Mao 1'se-tung and his group. Nov. view 25 no. 9 36-40 1 '67

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Why Mao Tee-tung has to "seize power" L Sergeev Agitator 34 no. 4 50-52 F 167

## CHINA-SOCIETY, PRIMITIVE

Some peculiarities featines of the history of the late per iod of primitive society in Chine" by Tung Chi-chien Abstract from "Kiao ku" no. 5 1960 by V A Rubin Sovi Fit lit.po obshcheaty, naukam no 42 84-89 [6]

### CHINA-WOOL-GRADING

Evaluation of raw medium-correc and coarse vool imported from China in 1962 and 1963 V. I. Kirushina, S. I. Ferckhova, Nauch - 1891, trudy Fenilsbursh no. 20 21-35 [65].

# CHINESE LITERATURE—HISTORY AND CRITICISM

'History of modern Chuang literature "Abstract from "Won halleh ping lun" no. 6 1959 by T.N. Kholmovskata Sovi kit, lit. po obshchesty naukam no 42:107-lil 161

"Periodization of the history of Chinese literature" by Twino Tao-hing, Abstract from "Wen hanch plug lini" no. 1 1960 by T. N. Kholmovskait, Sovi. kli, lit po obshelestv naukam no. 42:97-105 [61].

### CHITA-APARTMENT HOUSES-DESIGN AND CON-STRUCTION

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## CHITA PROVINCE-ACCOUNTING

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## CHKALOV see Orenburg

# CHKALOV PROVINCE see Orenburg Province

## CHLORAL

Reaction of chicral with some organophosphorus com-pounds. L.A. Antokhina, P.I. Alimov. Izv. AN SSSR, Ser. khim. no. 12;2135-2139 166.

### CHLORAMINES

Effect of chloramine-B on ectoparasites of fish in aquariums. G.D.Goncharov. Trudy Inst.biol. vnuti. vod. no.10:338-340 '66.

## CHLORANIL

Interaction of tetrachloroquinone with unsaturated rubbers, P. A. Vinogradov, K. E. Gavahinova, N. G. Arsenteva Kauch, i rez. 25 no 12:23-24 166.

## CHLORIDES

Heats of formation of some econdination compounds formed in the systems TiCl₃ - NaCl and TiCl₂ - NaCl B N. Podzorov, I. V. Vasil'kova, R. A. Sandler. Zhur. neorg, khim. 12 no 1 34-37 Ja 67.

Magnetochemical study of solid chlorine complexes of mangenese, iron, cobult, nickel, and copper, G.M. Barvinok, V. Vintruff. Vest. LGU 21 no. 22.lli-1l4 '66. Reaction of iron (fl) chloride with chlorides of aluminum, niobium, tantalum, and it on (fl3). B. G. Korshunov. G. A. Lovetskaia, A. A. Palant. Zhur. neorg. khim 12 no. 1:203-209 Ja *67.

### CHLORIDES IN THE BODY

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Comparative study of photochenical chlorination of Companative steas of photochemical chlorination of chip/chlorogermans and eth-Jchlorossianc. M. A. Kadina, G. IA. Zuera, A. G. Richina. 124. AN SSSR, Selbina. no 12 2215-2216. 168.

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Photochlorination of natural and petroleum refinery gases v L Bundiskaia, 1 I Hamazov Shur trud A. NH NP no 3 319-338 '58

### CHLORINE

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### CHLOROMETHYLATION

Chloromethylation of 1-p-tolylaminoanthi aquinone and 1, 1-di-p-tolylaminoanthiaquinone. V. F. Borodkin, R. V. Petrova, T. N. Nasonata, 12v, vys. ucheb. 2av, khim.; Phim., t.Pi. 6 no. 5,811-818 '66,

### CHLOROPHOS

Changes in the resistances of Pieris brassicae L. and Mamestra brassicae L., to chlorophos following pre-sowing mineral fortilization of cabbage. V.F. Samersov Vest-i AN BSSR Ser.bifal nav no 3,119-122 466

Chlorophyll metabolism in tobacco leaves as related to their arrangement levels. N. E. Zakartan Riol zhur. Arm. 19 no 12;78-76 D 166

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For mation of free radical states following visible light effect on systems containing chlorophyll. G T. Rikhiteva and others Biofizika II no.5:796-801 '66

Role of phytohrome in chlorophyll metabolism of green plants, A.A.Shlyl and others, Dokl.AN SSSR 171 no.6:1443-1446 D 166.

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Fifect of aminazine and scrpasil on the vegetative nervous system in schizophrenics, R. F. Kokanbaeva, Trudy Gos, nauch, -lasi, inst, psikh, 26:137-146 161,

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of treating schizophrenia with insulin and aminazine, Trudy Cos, nauch, -issl, inst. psikh 26:83-86 *66,

Treatment of psychoses with aminazine. E. IA. Shumi-lova. Trudy Gos. nauch. -1ssl inst. psikh. 26 87-90 *61.

## CHLORPROMAZINE—PHYSIOLOGICAL EFFECT

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## CHOLESTEROL

Cholesterol and atherosclerosis. A. L. Miasnikov, Kardiologiia 3 no. 1:3-7 Jan. - F 63,

Cholester of content in butter. S Rotenberg Vop pit. 25 po. 6:78 N-D 166

Effect of prolonged consumption of butter and corn oil on total cholesterol content in rat blood serum. A. A. Velichko, Vop. pit. 25 no. 6176-77 N-D 166,

### CHOLESTEROL METABOLISM

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### CROLINE.

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### CHOLINES'I ERASES

Activity of cholinesterese and monoamme evidest of ischemic and nonischemic e ments of the feart in acute stage of monoardial man of K MLKhdimova Bmi ekspehol i med 83 no 144-45 Ja '67

Choline sterase activity of myosin. M. M. Znalishvili. S V Dzhibladze Soch W Gruz SSR 44 no 2;311-316 N 66.

Histochemical study of cholinesterass and intramural nerve cells in human heart. A P. McPinikova. Arkh anat, gist rembr. 51 no 10 113-115. O. 66

### CHOPIN, FRYDERYK FRANCISZEK, 1810-1819

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### CHRISTIANITY-PHILOSOPHY

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Use of chromatography in studying the ethercal oils used in pharmaceutical practice. Report No. 3: Mcrosnatzysis of the ethercal oils of corlander, lavender, and muscatel sage on thin adsorptive layers. I.M. Pertsey, H.P. Piznenzo. Farmatsev. zhur. 17 no 2.35-18 162

Using chromatography in studying sulfur Isotope exchange in sulfur organic compounds. V. S. Damchenko, N. F. Burisenko lzv.vys.ucheb.zav., neft i gaz 9 no.8:54-55 '85

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simultaneous determination of the content of effici opinate pigments and the strength of their bond with protein-liped complex in plant leaves. I be Across, D. A. Lykholat. Dop. AN URSR no. 12 1599-1602. https://doi.org/10.1002/10.1002.

### CHROMIUM-ANALYSIS

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# CHROMIUM-NICKEL ALLOYS see Nickel-chromium

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# CHROMIUM-NICKEL STEEL-HEAT TREATMENT

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Studying pickling of Khishar's steel with scale in a mixtune of sulturic, hydrochloric and nitric acids R, M.Slobodova, I' V. Dybina. N. N. Bahashova. Zashch. niet. 3 no 1-115-116 Ja-F 167

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# CHROMIUM-VANADIUM-MOLYBDENUM ALLOYS

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## CHROMOPROTEINS

Role of phytochrome in chlorophyll metabolism of green plants. A. A. Shlyk and others. Dokl. AN SSSR 171 no. 6:1443-1446 D '66.

### CHROMOSOME NUMBERS

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CRUKCHI PENINSULA—EXCAVATIONS (ARCHAPOLOMA) I veovation of ancient but oil grounds and dwelling place on the Chukchi Peninsula in 1965—S. A. Archaro, D. A. Sergeev, Sov etc., no. 6638–78, N-12 (16)

# CHURCHI PENINSULA-MOLLUSKS, FOSSII.

Petrov, O. M. [Stratign appy and fauma of marine medicus. In the Goaterpary deposits of Chaketal Pennaada] Stratigrafila i fauna morskikh molliuskov chetverth highter lozhonii Chukotskogo pohostrova. Mookva, Naukr. 1966. 267 p. (Akademita nauk SSSR. Geologichenstein stitut, Trudy, no. 155)

# CRUKCHI PENINSULA PARASITES ANSTRIFORME

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Effect of Chaldiuryard hydrogen surface boths on the course of chronic infections polyneth file relayest, account the changes of the polasium and sublems to method. R. A. Kafar-zado, T. L. Kinvern, Shirtard, Azorb, nauch, shall inst, kur, I (17, method hydrogens) for 6183-168 (62).

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### CHUKHURYURD (AZERBALIAN)—MINERAL WATERS, SULFUROUS

Effect of Chukhuryurd hydrogen sulfide water on carbohydrate metabolism in chronic polyai thritis of varied etiology. R A, Bagirova Shor, trud Azerb, nauch. isel last, kur. i fiz. metod lech. no. 6 139-155 162.

- Effect of Chukhtryard hydrogen sulfide vater on the course of natrogen metabolism in polyaritz its of varinus chology Report No 1 Observation data of 1955-57 S G Agaeva Shor triad North nauch -1951 inst kin 1117 metod lech inu 6 122-133 162
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- Regime of Chikhuryand hydro. n sulfide mineral waters A. M. Baba.v. Shor trud Azirb, nauch, -issl inst, kur. i fiz, metod lech, no 6 103-105 162

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### CHURCH AND LABOR

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### CHURCH CALENDAR

[Old Believers' Church Calendar for 1966, dedicated to old Bettevers' Cauren Calendar for 1905, heartened to the 260th anniversal y of the foundations of Leksa Com-nunity] Statochriadcheskii TSetkovnyi kalendar' na 1906 god, posytashelnalisia 260-letilu osnovanila Lek-sinskogo obshchezhitel'stya. Vilnius, Vysshii Stato-obriadcheskii Sovet v Lilovskoi SSR [1965] 151 p.

### CHURCH HISTORY

Posnoy, M. E. [History of the Christian church; to the separation of churches in 1054] Istorita khristianskof tscrkyl; do razdelenia tscrkytel 1054 g. Brussels, Izd-ve 'Elatur' s Bogom, "1964. 614 p. (FTaSU)

CHURCH HISTORY-PRIMITIVE AND LARLY CHURCH and of age of the Apostics, K V Somov Brat, vest, no, 4 57-65 166.

## CHUVASHIA-COLLECTIVE FARMS

Andreev, M. A. [Organization of labor on the collective lains of Chuvashia] Organizatsila truda v kolkhozakh Chuvashii, Cheboksaiy, Chuvashiskoe knizhnoe izd-va, 1965 110 p. (UaI)

## CHYMOTRYPSINGEN

Purification of chymotrypsinogen by fractionated salting-out with the use of theologic control. N. Frshovskata, N. Chamin Mias, ind. SSSR 38 no h31-36 Ja 467.

## CIMMERIAN BOSPORUS (KINGDOM)

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CIMMERIAN BOSPORUS (KINGDOM)—INSCRIPTIONS A few words appropos of the "Corpus of the Cimmerian Bosporus' inscriptions," A. I. Holtmova, Vest, drev ist no 4 230-232 '66,

# CIRCULAR SAWS

Technology of the manufacture of saws for rolling mills, B. IA. Borlsov, G. D. Eshchenko. Tekh, mashmostr, no. I B-15 *06,

CIRQUES (GEOLOGY) see subdivision under Kruchina Valley

## CITIES AND TOWNS

(see also subdivision under Azerbaijan)

Bolov, I.I. [Raised from the rulns; historical essays on the restoration and development of the oldest cities of Russia, 1943-1963] Podniatye iz ruin; istoricheskie ocherki vosstanovienila i razvititi starcelshich gorodov Rossii, 1943-1963 gg Moskva, Strolizdat, 1966 240 p

[Geography of the population and populated places of the U.S.S.R.] Geografita nasetentia 1 naseteanykh punktov SSSR. Leningrad, Nauka, 1967. 291 p.

Mayor, Harold Melvin, and Clyde F, Kohn, eds. [Readings in urban geography. Abridged translation from the English] Geografic gerodov; sbornik state!. Vvodnaia statia i red. V. V. Poktitovskogo. Moskva, Progress, 1985, 440 p, (OrCS)

Shinicipal-type villages and other populated places as a resource for replem-shing the city network. B 5 Khorey. In Vices group ob-va 98 no.6 491-499 II-D 160

## CITIES AND TOWNS-CIVIC IMPROVEMENT

Bortsovskii, G. B. [Man as the measure of things] Cholovek - mera veshchei, Moskva, Iskusstvo, 1966.

Hygroscopicity and drying of citic acid. L.O.Osipov and others - Frudy VKFH no 17 161-166 hos

Purification of technical citric acid solutions on a two-Trud, Vh MI no I7 150-161 166

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### CITRUS FRUITS-GENETIC RESEARCH

Variation in citius plants induced by chemical mutigens L.G. Kerkadze - Genetik v. no. 42-52-58-466.

### CITY PLANNING

(see also subdivision under Donetsk, Leningrad; Lisichansk, Ukraine, Lugansk Province; Moscow, Moscow Province; Scandinavia; Slavropol'skiy,

Kuybyshev Province, Taskkent; Ul'yanovsk)
Economic consequences of the modern devolopment of
capitalist cities. O. Pchelintsev. Vop. ekon. no. 1.91-

98 Ja '67. Land valuation in city planning, M, Vitt. Plan, Pho., no. 286-89 F '67

New method of designing and using isochronic maps to solve problems of population distribution in city plan-ning M O Khauke 12v ASIA no 3 20-30 [61]

The practice of experimental planning of cities varying in size N IA Kolli, V N. Sumbittsev, IU P Bochatov Izv ASiA no. 3 31-39 '61

Principles of planning recreation areas near cities for build periods of rest. I.M Smoliar Izv ASIA no. 3 65-75 161

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### CIVIL DEFENSE

in a unified defense system. L. Vanogradov, Voca, znan. 43 no 1 16-17 Ja '67

In the anniversary year. V [ Chuikov, Voen, znan 49 no 12-3 Ja 467

Rybasov, V.A. [Self-help and mutual aid in foci of mass lesions] Samopomoshchi iyyalmopomoshchi v ochagakh massovogo porazhenila. Moskya, Meditsina, 1964. 44 p. (DNLM)

This is the way it was... N. Bogdanov. Voen. 7nan. 13 no. 124 Ja '67.

We inform our readers on the defense of the civilian population. A. Konakh, V Kalinin, Bibliotekari 44 no. 2 21-22 F '87

## CIVIL LAW

Bratus', S. N. [Civil laws of the Soviet Union and the Republics; for universities of Marxism-Lenthism]
Grazhdanskoe zakonodatel'stvo Soluza SSR i soluznykh iespublik; dlia miversitetov marksizma-leninizma. Moskya, Mysi', 1966. 62 p. (Osnovy sovetskogo-gosudarstvennogo strottel'stva i prava)

Gordon, M.V. [Soviet civil law] Radians'ke tsyvil'ne pravo. Kharkiv, Vyd-vo Kharkivs'koho univ. Pt. 2. Vyd. 2. 1966, 314 p. Interests in civil law. V. P. Gribenov. Sov. gos. 1 pravo no 1:49-55 Ja '67.

Rostovskii gosudarstvennyi universitet, Soviet civil law; lectures for correspondence students; Sovetskoe grazh-danskoe pravo, lektsii dila studentov-zaochnikov, Ros-tov-na-Donu, 1963, 1 v. (CSt-II)

## CIVIL RIGHTS

Lepeshkin, A.I. [Civil rights of Soviet versities of Marxism-Leninism] Prav sovetskikh grazhdan, dila universiteto nizma. Moskva, Mysl', 1866. 54 p. go gosudarstvennogo stroitel'stva i pr

CIVIL RIGHTS-INTERNATIONAL LAW New human rights charters, I fAkovlo Nov. vrem 25 no. 9:9-10 F '67.

CLASS SIZE see subdivision under Mo

## CLASSICAL PHILOLOGY-CONGRESSE

The Second All-Union Conference of C I.V Shtalt. Nauch, dokl, vys, shkoly, no. 1:221-223 152.

### CLASSICISM IN ART

Institut Interfit Iskusty, [The Renaissance, Barque, and Classicism, the problem of style in West European at of the 15th-17th centuries | Renessans, barroko, klassitistum, problema stilet v Zapadno-Evropeiskom iskusstve XV-XVII vekov, Moskva, Nauka, 1966, 347 p.

### CLASSIFICATION-TECHNOLOGY

Using technological systems of classification N.D. Kleimenova Standarkach 30 no 11/15-47 N '66

### CLASSIFICATION, DECIMAL

A methol for investigating the universal decimal classifi-cation E.S. Bernshtein, T.M. Druk, Stand i kach 30 no 11 48-30 N 466.

CLASSIFICATION, UNIVERSAL DECIMAL International Federation for Documentation. [Universal decimal classification for building and architecture and to associated branches of setence and technology] Universal'naia desiatichnaia klassifikatsila po stroitel'stvu I arkhitekture i smezhnym otrasilam nauki i tekhniki (MFD 397), Moskva, TsINIS, 1965, 161 p.

## CLASSIFIED CATALOGS see Catalogs, Classified

### CLATHRATE COMPOUNDS

Clatin ate compounds of p-crossl with noble gases. Part 2 p-Crossl compounds with krypton and radon. A. M. Trofinov. IU. N. Kazankin. Radiokhimita no 6:720-

### CLAY

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Structure formation and theological properties of aqueous dispersions of bentonte clays during their interaction with humates by ith summary in Logishi. TS:ian Lun, N N Surb-Set bina, P. A Rebinder, Koll, zhut 23 no. 3.327-333 My-Je [6].

Studying mechanical properties of hard (of semistone type) clays. E. I Mishnaevskara. Trudy MHT no 240 60-81 '66'.

Use of dehydrated clay in the manufacture of ceramic sewer pipe. V. I. Kunashkevich. Stroi, mat. 7 no. 12: 26-27 D *61.

### CLAY-ANALYSIS

Mathematical-statistical evaluation of data on chemical composition of clay material. E.I Vultchin Mm. shor 20 no 1 36-45 '66

### CLAY-SPECTRA

Using method of infrared spectroscopy combined with other physicochemical methods in mineralogical analy-sis of clays and soils A.I. Bolld, rev. Min. shor. 20 no 1 96-101 166

### CLAY MINERALS

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Basic trends in the production of various types of detergents. L. K. Babaeva, M. I. Gantina, O. V. Rotelinikova, Masl. -zhir.piom. 32 no. 10 40-43 O 186

Cleaning pastelike preparations containing nonsulfated Cleaning prestrike preparations containing nonsulfated compounds, by-products of manufacture of alkyl suifates of secondary synthetic alcohols. I K Getmanskii, I K, Vagina. Trudy NIISZHIMS. no. 2:98-100 '61. Liquid cleanses based on suifates of secondary synthetic alcohols for washing of woolen, sifk, and synthetic fabrics. I K Getmanskii, A. P. Panchenko. Trudy NIISZHIMS. No. 2:68-86. 161.

New cleaning solutions, N. Maslov, V. Shakhratv, Tekh, v sel'khoz. 26 no. 12:68-69 D '66,

Third All -Union Conference on Synthetic Fat substitutes, Surface Active Agents, and Synthetic Detergents Masl,-zhir, prom 32 no. 161-5 O 466.

Use of potassium tripolyphosphate in liquid detergents, F.V. Nevolin and others Masl, -zhir, prom 32 no. 11 28-30 N 466

Use of sodium alkyl suifates, derivatives of synthetic alcohols for the manufacture of Hquid cleaning prepara-tions and cream-like shampoo, 1 K Getmanskii Trudy NHSZHIMSa no 2-92-95 161

## CLEARING OF LAND

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### CLEARWING MOTHS

Effect of cystershell scale on the population of apple with apple clearwing moths. G.B.Sapulev. "Trudy KHSKHI 55:132-133"66.

### CLERKS (RETAIL TRADE)

(see also subdivision under Barnaul; Kazakhsian, Sverdlovsk)

Train young personnel carefully. Sov. torg. 40 no. 12 4-7 D  $^{+}66$ ,

### CLERKS (RETAIL TRADE)—DISEASES AND HYGIENE see subdivision under Tyumen

### CLICK BEETLES-EXTERMINATION (see also subdivision under Kharkov Province)

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### CLIMATOLOGY

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Rubinshtein, E.S., and L.G. Polozova. [Recent changes of climate] Sovremennoe izmenenie klimata. Leningrad, Gidrometeoizdat, 1986. 268 p. maps (insert)

### CLIMATOLOGY, MEDICAL

(see also subdivision under Bavram-Ali, Turkmenistan, Chukhuryurd, Azerbaijan, Chukhuryurd region, Azerbaijan, Dzhango, Azerbaijan; Latvia)

Comfort zones in generally healthy persons and patients with hypertension on the beaches or health resorts Varna (Bulgaria) and Lidvidiya (scuthern collect of the Crimea) M. Mikhallov Vop kur, fizioteral lech fiz kul⁴t. 31 no 6:546-551 '66

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### CLOTHING, PROTECTIVE

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### CLOTHING INDUSTRY

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Determining the assortment of clothing in a store, E. Taranenko Sov. torg. 40 no. 2:35-36 F 167.

Radiographic determination of the contact between the V. G. Ginzburg. Izv. vys. uchch. zav., tekh leg. prom no. 6:100-101 '66.

## CLOTHING INDUSTRY-COSTS

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CIOTHING INDUSTRY-FINANCE see subdivision under Odessa

## CLOTHING INDUSTRY-MANAGEMENT

(see also subdivision under Moscow) Direct ties of supplies and consumers. A. I. Roshchin. Vest, LGU 21 no. 23 21-31 '66

CLOTHING INDUSTRY-PRODUCTION STANDARDS see subdivision under Chimkent

### CLOUD CHAMBERS

[Highly localized in ight tracks in a helium-filled streamer chamber] Poluchenic khorosho lokalizovannykh sledov vysokoi farkosti v strimernoi kamere s geliem [By] M.M.Kuliukin i dr Dubna, 1967. 20 p

### CLOUDS

Structure of lower boundary of stratus clouds. A.V. Dunaeva. Trudy GGO no.184-65-72 166

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CLUB MOSSES se e subdivision under Ukraine

CLUSTERING OF PARTICLES see Agglomeration

## CLUTCHES (MACHINERY)

Calculating and testing sheave with terropowder ShM-600 clutch for synchronous drive of mud pump.—I. N. Sukhanishvihi. Mash. i nett. obor. no. 11-3-7 '66. Precision of safety clutches with profile closing. M. G. I opatkin. Stan. i instr. 38 no. 1:17-19 Ja '67.

### CLUTCHES (MACHINERY)-DESIGN AND CONSTRUCTION

Exportmental testing of the new safety plunger-type friction ctutch. C. V Gunskti, V. S. Glushchenko, Mash. i obor, dia mekh. i aviomatiz, trud, prots, v ugoli, prom, по. 2:301-307 165.

### COACERVATES

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### COAGULATION

Effect of dilution of lyophobic sols on their sorption of coagulating ions. O O Baran, Dop AN UNSR no 10 1309-1311 'h6

Physicochemical mechanics of coagulation structures of the 4y stem bentone - organic medium. P.D. (Wcharenko, N. V. Vdoyenko, N. N. Kruglitskii Dokl. AN SSSR 171 no 6 1376-1479 D '66.

### COAL-ANALYSIS

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studying gas absorption of lightes and gas content in coal scarns M. B. Sulla Shor much, trud, PNIUI no. 10:215-223 '66.

### COAL-CARBONIZATION

Effect of the addition of organic products and semicake on the coking properties of coal M V Goftman A,A Kaufman Koke I ihim no 7 8-11 462

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liffect of weak exidation and additions to the evidized coal on the purous structure formation process and on the strongth of the coke L. N. I coketuce, S. N. Lawis Ludy Lhim -met inst bib old AN SSSR no 15 10-44

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### COAL CONGRESSES

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### COAL-CRUSHING AND GRINDING

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### COAL-SPECTRA

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### COAL-TESTING

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Studying the chemism of the thermal decomposition of coal, D. P. Starke - Trudy Khim, -met, inst Sib, etd AN 555R no. 16/71-74 'bl

### COAL-TRANSPORTATION

Certain qualitative characteristics of coal motion during vibration, M. F. Kharak. Mash, i ohor, dila mekh, i aytomatiz, trud, prote, v ugoli, prom. no. 2:160-177 '65,

Effect of intrabasin coal transportation on the optimum capacity of condensation electric power plants. R.1. Shorin, A.A. Chernukhin, Teploenergetika 7 no. 8,67-71 Ag *60.

## COAL, PULVERIZED

Testing of the LPP-2-10 feeder operating on palverized coal from the Moscow Basin. N.S. Vasil'ev, B. N. Muravkin, Elek. sta. 37 no. 12:5-8 D '66.

Use of individual open cycle systems of coal pulveriza-tion in thermal electric power plants with large blocks, V. A. Parilov, Energomashinostroenic 6 no. 9.22-25

## COAL GEOLOGY

(see also subdivision under Aldan Plateau; Lvov-Volyn' Basin)

Deformation of cap rocks, coal scams, and changes of stresses upon supports in front of working faces during the operation of "Tula" equipment complexes, 1. S. Krashkin, Shor, nauch, trud. PNIUI no, 10:122-127 '66

Determining the power that USB-2 plows need for coal loading. V. F. Ki ivonosov. Mash, i obor, dlia mekh, i avtomatiz, ii ud prota, v ugoii, prom. no. 2 106-111 465,

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A new efficient process of preliminary wetting of coal and rock massifs. G E Panov. Ugol' 42 no.1,63-85 Ja '87.

## COAL-HANDLING MACHINERY

Selecting internal combustion engines for underground self-propelled equipment. D. V. Khatangot. Mash, i obor. dila mekh, i avtomatiz trud. prots. v ugoli, prom. ng. 2-141-152 165

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- Book about mining so and at great depth, V V Nedin Ugar Uka a no 445 16 Mr 463
- Classification of systems of mining coal beda by the underground method. A V. Bratise. Ugod Ukr. b. no. 12.11-12. D. 46.
- Coal mone of the inture. A P. Sudoplatov and others, Ugot 42 no. 1 li-17 1  $v^{-}$  a).
- Collminers bookshelf A K Borrsov Ugof Uki 7 no. 3 16-17 Mr 163
- Concerning the book "Underground imming of coaf bods," S. M. Garkavi. Upolt Ular (l) no 3-46 Mi  $(t_0)$ ,
- Data certificate for boring and blasting operations in coal mines M.A., Magorchenlov, V.N. Dindyk. Ugoli 37 no. 12 10-20. D. 462
- Daration of signifing operations in harlage with electric locamotives in coal mines. 1 D. Averbukh. Iv vys. ucheb.znv., gor dan 10 no.1405-110 57.
- Efficient height of the level in mining double long walls to the rate N.F. Tekneher Ugoff fike e no 140-P
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  Okt. 7 no. 3 13-11 Mr. ¹6 !
- Latural lighting of conveyor galleries in cost enterprises, A. Dar bintan. Prom. strof 1 inch, soor, 8 no. 6;5-6 N-D '66.
- Remote control in a mine. D. 1 Dzonia, V. A Kharuta, V. D. Mukhin, Rgoll Hit. 6 no. 12 19 D 462.
- Review of the book by A. P. Suboplatov and others "Mining coal deposits with short stopes." A I. Petrosian and others. Ugoli 37 no 12 for D. 62
- Scientific conference on the expansion of hydraulic cod-mining M. M. Filziev, F. F. Finer Ugoli Ukr. 1 no. 3-18 Mr. ¹63
- Short pittar system of mining along the strike used in bydrautic coal mining, 1 % (reigor) evand others. Ugol Ukt. B. no. 3.9-10 Mi. 36 3.
- Some results of research carried out by the All-Union Central Design and Planning Institute for Mine Construc-tion in the Cool Industry in light of the decisions of the 22nd Congress of the C P S.U. K K Kuzurtsov Ugol^o 37 no 12 7-10 D ^o
- Studying the process of methons diffusion in mines. R. N. Isacyn. Lywysauchebizayi gor ahm. B no. 10:63-60
- ong one manuple correlation method for evaluating the efficiency of the introduction and concentration of mining operations, V.B. Styri Ugoli 37 no 12 13-45 D 462. Using the multiple correlation method for evaluating the
- COAL MINES AND MINING-ACCIDENTS see subdivision under Kizel Basin
- COAL MINES AND MINING-DIBLIOGRAPHY see Biblingraphy-Coal mines and mining

## COAL MINES AND MINING-CONGRESSES

Brief news. Ugol! Ukr. 6 no. 19:16-48 D 162. In the Supreme Council of the Ukrainian S.S.R. Ugoli 37 no. 12:54 D 102.

### COAL MINES AND MINING-COSTS (see also subdivision under Donets Basin; Lvov-Volva' Basin; Moscow Basin)

- Determination of loads in stopes depending upon flow shorts of the operation and performance of coal cutter-loaders. S. M. Arutimian, M. D. Raitsyn, Mish i obor, dim mekh I aviamatiz, truel prote, vugoil prom. no. 2
- Economic efficiency of coal mining machinery. A. S. Astakhov. Ugol¹ 37 no.12 18-53 D ¹⁶².
- COAL MINES AND MINING-EQUIPMENT AND SUPPLIES (see also subdivision under Donets Basin; Kuznetsk Bastn)
- Psiolitishing standards for working capital in coal mining enterprises with use of nathematical statistical instandes. A. P. Gillent, Izv. vys. uchch. zav., gor. zlur 8 no. 9 45-50 165

### COAL MINES AND MINING-EXPLOSIVES

(see also subdivision under Donets Basin; Europe) Possible ways of preventing burning-out of explosives during blasting operations in coal mines, K.K. Andreev, V.G.Khotio, Veryy, delo no. 80/17:20-100.

## COAL MINES AND MINING-FINANCE

- Important potentials for improving mining operations and increasing the efficiency of capital investments in coal industry. G. P. Egurnov. Izv.vys.uchob.zav.; got.zhur. industry. G. P. Egu 8 no. 10:52-57 63.
- Shortcomings in lower echolon planning. M. A. Shvatts. Ugol. 37 no 12 45-47 D 162

- Skotkov, Sh.B. [Financing and extending cledit in the coal Industry] Financirovante i kreditovante v ugol'noi promyshlemosti. [2., purer.i dop. izd.] Moskva, Nedia, 1965. 192 p. Chin
- COAL MINES AND MINING-FIRES AND FIRE PREVEN-
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- Mechanism of reversing ventilating currents during underground rives V M Sukharevutkyi Dop AN URSR no 7 917-920 162
- Results of suppressing spontaneous heating of a fractured coal pillar with the help of a lime solution. IU M Korotkov, I S. Alchaeev, A V Surkov, Ugoli ii no 12 i5-36 D i62

## COAL MINES AND MINING-HYDRAULIC FRACTURING

Breakage of coal ledges by pressure. G I Zhabin, B.IA. Ledovskii Izv.vys.ucheb.rav , gor.clar. 8 no 10.

# COAL MINES AND MINING-LABOR PRODUCTIVITY (see also subdivision under Donets Basin, Lvov-Volyn' Basin, Ukraine)

- Intering the year of the 50th anniversary B. F Brat-thento Ugol 42 no 13-7 Ja 467,
- Important potentials for improving mining operations and increasing the efficiency of capital investments in coal industry. G. P. L. gurnov Izv. vys. ucheb. zav , got zhur. 8 no. 10,52-57 '65.
- Record speed for the mining of an inclined crosscut, K.F. Lorollt, A.T. Shepelev, V. L. Kuz'minskii Ugob Uki, b. no. 12 26 D. 162,
- Work practices in mining a drift at the rate of 558 meters in one month A. Kustarev. Ugoli 37 no 12 3-7 D 462

# COAL MINES AND MINING-MANAGEMENT (see also subdivision under Cheremkhovo Basin; Donets Basin, Moscow Basin; Roslov Province)

- Determining the output of mine sections and the amount of total machine loading capacity in mines. D. M Belen'kii. I v.vyg.nchch zav., ger zhan. 10 no.1:11-20 '67
- COAL MINES AND MINING-MECHANIZATION See subdivision under Moscow Basin

### COAL MINES AND MINING-MODELS

- Measuring stresses in models made of equivalent materials, V. L. Popov, A. Sh. Katenet'son. Shor. match thud, PNIUI no. 10:152-158 '66.
- COAL MINES AND MINING—PRODUCTION STANDARDS see subdivision under Moscow Basin
- COAL MINES AND MINING—RESEARCH sec subdivision under Kuznetsk Basin
- COAL MINES AND MINING-SAFETY MEASURES (see also subdivision under Donets Basin, Karaganda Basin, Kuznetsk Basin, Pechora Basin)
- Goaudarstvennyi makeeyskii nauchno-issledovatel'skii Institut po bezopasnosti 1abot v goj noi pi omyshlemnesti. [Guide to the use of sprinkting during coal stoping opera-tions] Rukovodstvo po primenentiu oroshemita pri vyemke uglia v ochistnykh zabotakh. Moskva, Nedia, 1966. 40 p.
- New suggestions for the control of methanc in coal mines, N.A. Zaitsev, M.S. Androsov. Ugol¹ 37 no.12 36-43
- Nostochnyt nauchno-issiedovatel'skii institut po bezopas-nosti rabot v gornol promyshlemosti. [Instruction on dust control'ly methods of preliminary wetting of coal scams] Instruktsia po bor'be s pyl'in metodom pred-varitul'nogo włazhnenita ugol'nykh plastov. Moskyn, Mocha 1008 25. Nedra, 1966, 75 p.

## COAL MINING MACHINERY

- (see subdivision under Botwo-Antratsit, Ukraine; Czechoslovakia, Donets Basin; Moscow Basin)
- Analysis of the operation of mechanized longwalls on Manysis of the operation of infectionarea designations strengly pitching seems in the Donets Basin. E. V. Petrenko, IA. K. Gritsenko, V. G. Chernyshev. Ugoli Uki. 6 no 12-6-8 D 1-62.
  Determination of loads in stopes depending upon flow
- petermination of loads in stopes depending upon flow sheets of the operation and performance of coal cutter-loaders. S. M. Arutumian, M. D. Raitsyn, Mash, 1 obot, dila mekh, 1 avtomatiz, trud, prots, v ugo f., prom. no. 2, 366-382 [165].
- Decrease '05.
  Economic efficiency of coal number machinery. A.S.
  Asiakhov. Ugol! 37 no. 12:48-53 D '62
  Efficiency of using new machinery in coal mines of
  Moscow Basin. V. G. Popov. Shor, nauch, trud, PNIUI
  no. 10:5-13 '66.
- Establishing standards for the number of workers to operate mechanized equipment complexes, taking litto account the influence of main factors in conditions of Moscow Basin. P.G. Korzh. Shor, nauch trud. PNIUI no. 10:66-77 '66.
- PNIUI no. 10:164-77 164.

  Manless coal mining with the help of a wire line saw in Mine No. 160 of the Krasnyi Luch Trust. N. K. Grin'ko and others. Ugol' Ukr 6 no. 12:8-11 D 162.

  Merkulov, N. IA., A. J., Sokolov, and S. G. Il'inskii. [Operator of a stoping machine complex and coal-mining machine unit] Mashinist ochistogo kompleksa i ugledobyvaiushchego agregata. Moskva, Nedra, 1968. 278 p.

- The PPM-4 rock loading machine used in laining inclines, V B Voloshin, Ogolf Oki, 7 no 3 31-32 Mr (63
- Readerst response to the article by T. I. Iranova 'Eraluation of sets of equipment with wide and nation grab cutter loaders ", "tigoli", 1962, No. 2 I S. Dudeo Ugoli 37 no. 12.53-51 D. 162
- Single-chamber, thei inocatal are methane indicator as measuring element of the automatic control system of emanation factor. V. M., Taracco, etc. Dup. 18 URSR no. 10 1302-1306. 166
- Was leading to profitableness VA Nesciachen A. A. I. Sokolov | Ugol | 12 no 152-15 | Ja | 167

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- Antiving the operation of gearings in mining machines.

  IN Kalashnikova, G. I Siniakov, Mish i obor difamekh, i avtomatiz, trud, prots v ugol i prom. no. 2.284-
- 400 165 Experimental study of factors influencing the performance of spiral guamers in coil cutter to iders. E. G. Kolivsnikov, V. I. Zevitnev. Mash i obor dili mish i avtomatiz, trud prois, v. ugol. prom. no. 2. 52-58. 455.
- In the Ministry of Coal Industry of the U.S.S.R. N.A. Sakharovskii, Shakht, st.o. 10 no. 12 do-31 D 466

### COAL MINING MACHINERY-DYNAMICS

Methods of testing on electron models the dynamic processes in static coal mine ploys. IV. F. Fedetovitzy, vys. ucheb, zav., got. zhut. 8 no 9 139-146 465.

### COAL MINING MACHINERY-ELECTRIC DRIVING

Reliability of electric equipment on coal cutter-loaders. B Sh Rubinshicin and others Ugol¹ 42 no 1 45-46 Jul 167,

### COAL MINING MACHINERY-MAINTENANCE AND REPAIR

- Amount of wear and purpose of the optimum method of reconditioning actes of satellite planetar, reduction gear of coal cutter-loaders P M Shilov and others lav vys, ucheh zav., got shur 8 no 9 93-98 '65
- Stand testing of small-size plate packings. V A. Deini-chenko, V. M. Lukhanisev. Mash, i obor dila mekh i avtomatiz tiud prots. v ugoli, prom. no. 2 308-312 165
- COAL MINING MACHINERY-PARTS see subdivision under Donets Basin

## COAL MINING MACHINERY-PATENTS

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### COAL MINING MACHINERY-PNEUMATIC DRIVING

- Protection against harmful effect of vibration in operating pneumatic hammers L. M. Feigin, E. IA. Studnits, Shakht stroi, 10 no. 12 3-7 D '68.
- Ways of increasing technically possible performance of UKR-type cutter-loaders with pneumatic driving 1U N, Kiklevich Mash i obor dia mekh, i avtomatiz, trud, prots, v ugoff, prom. no 2:36-44 *65

# COAL MINING MACHINERY....RELIABILITY (see also subdivision under Moscow Basin)

- tere area supervision under Moscow Basin)
  Reliability of electric equipment on coal cutter-loaders,
  B. Sh. Rubinshtein and others. Ugol' 42 no.1:45-46
  da '67,
- Reliability of stoping equipment complexes depending on longwall length. B. I. Gritsaiuk, V. G. Popov, B. A. Amenkov. Sbor. nauch, trud. PNIUI no. 10:87-91 '66.

# COAL MINING MACHINERY-TESTING (see also subdivision under Donets Basin; Kuznetsk Basin)

- Analysis of the amount of labor required for mining operations and of the degree of mechanization in long-walls with powered equipment complexes in conditions of Moscow Basin. P. C. Korzh. Shor, nauch, trud. PNIUI no.10:105-111 166.
- increasing the efficiency of stoping complexes in Moscow Basin, A.A. Portnov, D.V. Lizunov, K. Shor, nauch, trud, PNIUI no, 10;14-27 '66, K. N. Belikov
- Operating conditions of cutter-loaders for steep coal seams, V. I. Zavertnev, B. N. Morogovskii. Mash, i obor, dlia mekh, i avtomatiz, trud, prots, v ugol' prom, no, 2:5-29 165,
- Results of testing working element of UKM-1 narrow-work stoping cutter-loaders. K.N. Belikov. Sbor. nauch. trud. PNIUI no. 10:92-104 '66.

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## CODING THEORY

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## COKE INDUSTRY

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Khanin, I. T. Diatloy | Roka i khim | no i han na had Till | ds

[Pl. 6. Prodolzhenie] Lavin, E. B. (By-prodet coke industry) Koksokhimicheskoe professioletye, 1986, 484 p.

Ways of expanding the Industry for the chemical protecting of coal, S.G.Aronov, III.B Tinthumikov, Eth. 1 khim no 514-17 62.

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# COKE-OVEN GAS-COOLING

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### COLLAGIAN DISEASES

Tuberculosis and collagen diseases. T.N. Oleneva. Probl tub 44 no 1:37-13 '66,

### COLLECTIVE FARMS

(see also subdivision under Azerbaijan; Belgorod Province; Chuvashia; Dnepropetrovsk Province; Irkutsk Province; Kazakhsian; Kiev Province; Uzbekistan)

[The collective farm is a school of communism for the peasantry; a comprehensive social study of the "Rossila" collective farm! Kolkhoz - shkola kommunizma dlia krest'iansiva, kompleksnou solsial'noe issledovanilo kolkhoza "Rossila." Moskva, Mysl', 1965. 358 p. (Sotsiologila i zbizn')

Correlation between industrial and agricultural development in the U.S.S. It, and improving the forms of collective for m property V.Kirichonko, Nauch doktys. slkoly; okon naukt 4 no.1;27-36 '6k

Divelophing the cooperative and collective farm forms of a open by to the public level during the large-scale building of commanism; conference of the Economic Faculty of the Moscow University. I. Susiov. A. Emel'-ionov. Nauch.dold.vys.shkoly, ckon.naukd 4 no.kibl3-

Knyp, V.A. [Volunteer economists on state farms and collective farms] Obsheliostvennye ekonomisty v sov-klozakli 1 kolklozakli. [Moskva] izd. VTsSFS profizdat, 1986. 45 p. (Bibliotechka sel'skogo profisoluzaogo aktivista, no.3/5i)
(MII-L)

The problem of transition from the lower forms of cooperative agriculture to collective farms as its higher form, A. K. Tekuev Uch, zap, Kab, -Balk, gos, un. no. 27 166-166 '65.

Secretaries of the party committees of collective farms.

M Kosarev. Part, zhizn' no. 3:62-65 F '67.

Using the labor resources or collective farms. A, Golf-tsov. Nauch dokl.vys.shkoly; ekon.naukt 4 no.1:43-55 'Gl.

## COLLECTIVE FARMS—ACCOUNTING

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### COLLECTIVE FARMS-COSTS

Gorodetskii, E.S. [The law of value in collective-farm production] Zakon stoimesti v kolkhoznom profzvodstve [Moskva] Izd-vo Mosk. univ , 1987-143 p

# COLLECTIVE FARMS—FINANCE

Several problems of the operation of the law of value in collective farm production | L agaidak | Nauch dokl yys. 5h oly, evon nauki 4 no 1:37-42 '61

# COLLECTIVE FARMS—INTERFARM COOPERATION (see also subdivision under Caucasus, Northern, Ukraine)

Inter collective farm and state-collective farm ties and problems of developing them. S. Semin. Vop. elon, no. 1:121-125 Ja 187.

Strengthen and extend intercollective farm production ties, LAbramov, Nat. Phor. Uzb 3 no 2 36-38 F 161.

COLLECTIVE FARMS—LABOR PRODUCTIVITY see subdivision under Chechen-Ingush A S.S.R.

# COLLECTIVE FARMS—LAW AND LEGISLATION

Ensuring the strict observance of socialist laws on collective farms. Z Beliacya, Sov.iust 30 no 21:21-23

Some legal problems of the business activity of collectivity farms, S.V Kuznetsov Sov gos i pravo no. 1114-118
Ja 167,

What should be the new model statutes of collective farms. Sov.lust. 31 no.3:13-15 F 167.

### COLLECTIVE FARMS-MANAGEMENT

Bronstoh, Mihail. [Balancing the level of collective-farm production] Kolhoositootmise taseme unflustamine, Tallim, Eestl Raamat, 1966. 256 p. diagr. (insert) [in Estonian]

Collective farm agriculturist as a leader in the struggle for high yields. V. P. Samusenko. Zemledelie 8 no. 1-90-93 Ap 150

The collective farm sector should have administrative organs of its own P Frolikov. Vop.ekon. no 1:125-129 Ja '67.

Denisov, IU, P., and V. P. Kulakov. [Democratic principles of collective-farm management] Democraticheskie osnovy upravlenila kolkhozanil. Moskva, Kolos, 1966.

Peshekhonov, V.A. [Role of commodity and monetary relations in the planned guidance of collective-farm production] Rol' tovarno-denezhnykh otnoshenit v planovom ukovodstve kolktoznym protzvodstvom. [Leningrad] Izd-vo Leningr. univ., 1967. 201 p.

Technological chart and methods of preparing it, I. Miliavskii, Ekon. sel'khoz 12 no. 1:45-50 '67.

We act together S Smorgonskii M.Kirpichenko Sov profectury 23 no.1;8-8 Ja 167.

# COLLECTIVE FARMS-MECHANIZATION

Compiling technical information cards on a collective farm. N F Manukovskii, V. P. Petrov. Zemiedelie 8 no. 4 37-47 Ap 160

## COLLECTIVE FARMS-PENSIONS

In the Collegium of the Ministry of Finance of the U.S.S.R. Fin. SSSR 40 ng. 12:89-90 D 466.

Levshin, A.V. [Computing pensions for collective farm members] Ischislenic pensiti chlenami kolkhozov Moskva, Rossel'khozizdat, 1986, 47 p (Chto dolzhen znat' kolkhoznik o pensilakh i posobiakh)

Prokof'eya, V.G. [Disability pensions for collective farm members] Pensil po invalidnosti chlenam kol-kluzov. Moskva, Rossel'khozizdat, 1986. 34 p. (Colora znat' kolkiozoik o pensilakh i pogobilakh) (Chto

COLLECTIVE FARMS-STATISTICS see subdivision under Tashkent Province

## COLLEGE AND SCHOOL DRAMA

In the "Legacy of filich" settlement, V. Ageev, Nar. obr. no. 1:40-45 Ja '67,

## COLLEGE AND SCHOOL JOURNALISM

A spirited and interesting newspaper for every school, V. Pirogov. Nar. obr. no. 1:67-72 Ja 167.

### COLLEGE AND SCHOOL PERIODICALS

Bright pages of struggle and work, N.S. Sakhno, Vech, sred, shkola 9 no. 3:13-14 My-Je 166,

# COLLIMATORS

Method of autocollimation with an angle measurement range considerably widened at the expense of the precision of measurements. K.A. Papitants. Opt. -mekh. prom. 33 no. 12:34-37 D '68.

## COLLISIONS (NUCLEAR PHYSICS)

Enoigy structure of a cascade of collisions of like parti-cles in a decelerating medium. V. M. Lenchenko, S. V. Starodublaev. Doki. AN SSSR 172 no. 1:80-82 Jn '87.

Marimum conductivity of the multicomponent inivity e of nonfield gases M.IA. Alievskii, R.V. Radchenko, Teplote, vis temp 1 no 6 760-767 N-D 160

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[Scarch for a nucleon isobal at T=5/2 in np-interactions] Polski nullonnol izobaly s T=5/2 v np vzalmodelstviiakh  $\{By\}$  V F vishnevskii i di Dubna, 1967 5 p

### COLLISIONS AT SEA

From the work practices of the Maritime Arbitration Commussion | Vikelin, Mor flot 27 no 1/27-28

Mikulinskii, E.A. [Preventing collisions of ships at sea]
Predum ezhdene stolknovenii sudov v more. Moskva, Transport, 1966. 131 p. illus.

Comments on the stability of aggregates in disperse systems, P A Rebinder, A B Faubrian Koll zhair. 23 no 3 359-361 Mr.-Je '61

Effect of dilution of lycphobic sols on their sorption of coagulating ions O O Barun Dop AN URSR no 10 1309-1311 '66

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### COLON (ANATOMY)-SURGERY

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## COLOR CENTERS (CRYSTALLOGRAPHY)

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Experimental study of the optical disintegration of Fcenters in certain alkali halide phosphors with a mixed base F.K.Isaev, A.Kh Khalilov, Izv. AN Azerb. SSR. Ser. fiz.-tekh.i mat nauk no 4:72-75 "66

Photoreduction of TR3+ TR2+ in fluorite crystals. A A Kaminskii, V. V Osiko, M. M. Fursikov. Pist. v ied. Zhur, eksper i teoret, fiz. 4 no. 3 92-96 Ag '66.

Spin-lattice relaxation of exchange-interacting impurity centers. M. D. Glinchuk, V. G. Grachev, M. F. Deigen-Fiz tver. tels 8 no. 11;3354-3362 N '66

Variational calculation of F-center polarizability in alkali-halide crystals (point lattice approximation). M. N. Adamov. E. M. Ledovskala, T. K. Rebane Fiz tver.tele 8 no 14:3173-3176 N '66.

### COLOR IN ARCHITECTURE

Aesthetics in industry E A.Zhmuida Stroi.i m khit. Uzb. 7 no.12:25-28 D 466.

COLOR IN INDUSTRY see subdivision under Ukraine

### COLOR OF WOOD

Some characteristics of the impregnation of the wood of gi owing beech by sulfosalicylic acid. I. I. Gordienko. G. S. Koretskii, T. K. Maiko. Les. bum. i der. prom. no 3:18-25 486

### COLOR TELLVISION

Planument of other V Chile Radio no H 20-21 A Yea nipung of a pilot signal for automatic correction of direction of direction of direction of 21 no 137-42 (b) 167

### COLORIMETRY

Voltated energians of the earth for a management solutions. Report (1.3 Photoe formett) timaton of landmann according on add attend to made which earth of the earth, V.V. Screttenniko. Trus. TGU 185 31-54 465

Colorimetric method for determining accomplishance Formulation for the second of the second of

Objective method of deterrining the intensity of chrome lem in by the u-c of the LK (S-1 exterminate). G. M. Goreld, T. L. Re till va. Lakolinas mat 1 ilh prim 115 6 30-34 166.

### COLPOSCOPY

Coloscopy and a todia mosts in propiste to examination of I Glasman. It O I had and AN Lad h SSR no 3 H4-H7 als

### COLUMBITE

Some experience in studying immerals item the columbite-cantality group. Vol. Form to a Trudy Min maz-no 12 (7-53 to).

### COLUMNS, CONCRETE

Reinforced concrete columns with steel cores, A blindthi Stroi, rarkhit Mosk 15 no 7 31-72 Ji 466

### COMBINATORIAL ANALYSIS

Nev. proof of the nonexistence of projective planes of order 6 - N M Rybniform at a K Rybnikov, Vest. Mosk un Ref 1; Mot., mekh - 21 no 6 20-24 N-D 166

### COMBING (TEXTILE)

Combing degree in the zone of the main and the removable drams. I V. Pomarlehin. Nauch -issl, trudy TSNIKHBI 2a 1964 g. 65-75

Studying the process of combing nitron in the drain - flat zone, P B Lesi - flauch -lest truty TSMFHBI , a 1903 g 75-35.

### COMBING MACHINES

Testing various devices for making canvases for combing machines of a continuous line - V F Beloshapko Nauch -issl trady ISNIKHBI za 1963 g - 61-61

Unevenness originating in the process or combing V P Khawkin, W M Vinter Nauch -nssl. trudy TSNIILV 22-49-57 "66

### COMBUSTION

Effective burning of gaseous and liquid fuels in tubestill heaters equipped with carborundum chambers 1.8. Shevtso., D & Salavaltev, E M Shteinshnaider Sbortud Az NII NP no 3 455-461 188

Mechanism of reaction termination in atomic oxygen flame of methane VIA, Basevich, SM, Kogarko, Kin. i kat. 1 no 6 1065-1068 N-D 166

Tethod of calculating the calculment is temperature of combustion. G G Pagi-zade Shor, rud NII51 no 13 184-191 '62.

## OMBUSTION, SPONTANEOUS

Results of suppressing spontaneous heating of a fractured coal pillar with the help of a lime solution IU M. Korotkov, I S. Mekseev, A. V. Surkov, Ugoli 37 no 12: 35-36 D. 162.

Theory of thermal ignition Report No 3 Regularities of transition from self-ignition to ignition in systems with autocatalytic decomposition mechanism. V. G.

## COMETS-1941

Final orbit of concet Cunningham 1941 I. M A. Mamodov. v. AN Azerb SSR Ser.fiz -tekh I mat.nauk no 4:128-141 '66.

### COMETS-1959

Study of the carbonic coma of the comet 1950 k. D O Mokhnach, Dok! AN SSSR 171 no 4 827-829 D 160,

# COMMANDER BLANDS see Komandorskiye Islands

### COMMERCE

"The seasons of prices." V Shilldkint, Vnesh, torg. 46 no 12-32-35 166.

COMMERCIAL AERONAUTICS see Aeronautics, Commercial

## COMMERCIAL AGENTS

Announcements, Vnesh.torg 46 no 11:60-64 166, Announcements, Vnesh.torg, 46 no 12:62-64 166,

### COMMERCIAL CORRESPONDENCE

The art of business correspondence and scientific labor organization A.Fel'zer. Sots.trud. 12 no.1:85-90

## COMMERCIAL DOCUMENTS-STANDARDS

Stardard, ation of business documentation in indicity P.V.V. (ed.) Stant 1 kuch = 30 (io. 11.94-94 N. 9

### COMMERCIAL LAW

New legal rules governing the distribution of the profits of industrial enterprises. I Petrov. Soc Inst. no 24 2-3 D 466

Reduction of contractual penalties by courts and at bitration agencies. A Bykov Sov just 11 no 3:7-8 1 67.

### COMMERCIAL LEASES

Alekseev, T. D. [Lease of commercial premises] Arenda Torgovykh pomesichenii Moskva, Pkonomika, 1966 70 p

For the fundamental review of the system of least rates. Sow targ. 40 no 2 12-14  $\Gamma$  -167.

A tensor of court practice in the examination of disputes concerning the lease of uninhabited premises. K isomulate Nov use. 30 no 2442 D  $^{+}66$ 

### COMMERCIAL PRODUCTS

[New consumer goods, information bulletin] Nov. tov., inform bid. no. 11 *66, no. 1 *67.

## COMMERCIAL PRODUCTS-PRICES

"The sensors of prices 'V Shilldkrut Vnesh tong, to no. 12 32-36 166

# COMMISSION MERCHANTS see subdivision under

COMMON LAW see subdivision under Kabardino-Balkar A.S.S.R.

COMMONS see subdivision under Elam

### COMMUNICABLE DISEASES

El'bert, B IA., ed. [Microbiology of the major infec-tious diseases in man] Mikrobiologila vazimelshikh in-fektsionnykh boleznet cheloveka Minsk, Belarus', 1965. (DNLM)

Mental disorders in infectious diseases M A Goldenbeig. Trudy Gos nauch -isal inst paikh 26 154-167 161,

Vegetative disturbances in infections diseases with men-tal disorders. M.A. Gol'denberg, Trudy Gos, nauch, -issi inst. psikh 26 168-174 161.

### COMMUNICABLE DISCASES-CONGRESSES

Contenence on problems of prevention of parasitic diseases in connection with extensive development of land melloration. T. I. Dergacheva. Med. p.n.a..i pan az. hol 35 no 6:746-747 N-D 466

Vsesoiuznyi s"ezd nevropatologo: i psikhintrov, 4th, Moscow, 1963. (Transactions of the 4th All-Union Congress of Neuropathologists and Psychiatrists)
Trudy, Moskva, Vses, nauch, med, ob-vo nevropatologov i psikhlatrov.

vi psignatov.
Vol. 6. [infectious diseases of the brain] Infektisiomye zabolevanifa golovnogo mozga. Pod red.
V. V. Mirhoeva i D. D. Fedotova. 1965. 374 p. (DNLM)

## COMMUNICABLE DISCASES-MICROBIOLOGY

Possibility of detecting antibodies in sera of infected patients by means of the immunofluor escence method V. A. khrushchova, Sh G. Maints, M. D. Lokhova. Zh mikrobiol., epid, i immun. 41 no.1,127-141 Ja 467.

## COMMUNICABLE DISEASES-PREVENTION

(see also subdivision under Siberia; Soviet Fa: East) Antiepidemie and prophylactic measures in the U. S. S. R. during 50 years, I I Rogozin, Z. I Dubnitskaia, Zhur, mukushici epid, i imnun, 4i no.1,6-11 Ja '67.

ON AND TRAFFIC see subdivision under

## I AND TRAFFIC --- MANAGEMENT

of planning and management in the communication system] Matematicheskie metody planirovaniia i upravlenila v khozialstve sviazi. Moskva, Sviazi, 1966. 330 p

## COMMUNICATIONS, MILITARY

Automatic control and signaling at a communications center I, Bryslevich, D Popel nink, Voen vest, no. 6:97-101 Je '61,

Communications on the firing range and in the field, K. Prikhod'ko, Voen, vest, il no, 6:96-97 Je '61

## COMMUNISM

(see also subdivision under Cuba)

Basic contradiction of our times and ways of solving it. L.V Skvortsov, Nauch, dokl. vys. shkoly, files, nauki 4 no 13-13 '61,

Economic laws of socialism and the nature of their operation. I. Konnik, Nauch, dokl. vys. shkoly, ekon, nauki 10 no 1.78-88 '67.

Entering the 50th year of the revolution Avtom, , telem i sviaz 10 no. 11:1-2 N 186

Entering the 50th year of the revolution. Radio no. 11:1-2 N 168

The fiftieth year of a new ora, V. Alekseev, Mir. ckon, i mezhdunar, otn. no. 2:3-14 '67.

The Great October and present-day national liberation Volution V

The law of value and the economics of capitalism a lead criften IV Krontod, Mir. (kon 1 merhdunar, oto no 157-69 16).

Near horizona G. Titov. Sov. vom. 13 no. 212-3 D

On the wings of time G. Markov, Sov. voin 13 to 24 ? of covered D tol

Our creatible work should make a valuable contribution to technological propress. Mak -clev, prom 1- Mr 160.

Origination and development of the theory of consount tabor. V. G. Smol'kov. Prudyfrik, in dyna, kho , no 1-275-289-266.

Selentific Well'in chaum is the foundation of communication only, V is aloled two. Vest Mosk and Sel III. 1405, 24, no. 6,3-44, N-D 266.

Sokhan', L. V | Sph iturl development of personality and communism | Dokhovnyt progress technosti i kommunism. Klev, Naukova damka, 1966 | 260 p

Unity of the social and private life of man in sociall t sockty, 13 4 Stuff Nuclided, ook, va, shedy, 116 mult 1 no 1 35-13 464,

### COMMUNISM-BIBLIOGRAPHY see Bibliography -Communism

### COMMUNISM-STUDY AND TLACHING

Russia (U.S. S.R.) Ministerative vysslege 1 and a course of appetulating or observable. [Program for a course by setentific communism, for institutions of higher education.] Programma kursa nauchnego kommunizma, dila vysshikh uchchnykh zavedenli. Moskva, Myst, 1967. 31 p.

### COMMUNISM AND ART

Artists' associations of party organizations, Partyl ! * ! no. 2(54-50 In 167,

Kucherenko, G. A. [Aesthelle diversity of the art of socialist realism, form, style, and method] t at the skee mnegoebrazie iskuestva solstalisticheologo tealizma, manera, blii¹, metod. Moskva, Sovetskii kludozlmik, {1968] 220 p.

Lemin's principle of party spirit in art and artists or & practice. I.A. Museev. Trudy MVKHPU no.25-21-52

### COMMUNIST COMPLETITION

Creativeness of the millions, Sov. profeedury 21 no 1 ... 4 Ja 67

Poliakova, I. P. | Those who took ahead] Vpc1 (dsmot) | v shehle. Frunze, "Ky1gyzstan," 1964, 32 p. {Uchf(*) | 1 abotat' | zhit' po-kommunisticheshi!}

Sanzhley, G. L., and others, The communist labor mey-ment and ills role in workers' training; on the work practice of the collective of the "Elektromanidar" Plett, the Buryat A. S. S. R. | Dvizhenie za kommunistiche shi trud I ego rol' v vospitanii adochikh, ob opyle tahofy kollektiva zavoda "Elektromashina" Burlatskot Als R., Wan. Ildo Jan traidage kutzimo 1/d. vo. 1868. 100 c. Ulan-Ude, Inu latskoe knizhnoe izd-vo, 1966, 130 p.

## COMMUNIST COUNTRIES-ECONOMIC CONDITIONS

Regularities of the transition of sociation states to Louisian munism. K Zainullin, Nar. khoz. Uzb. 1 no 2 neff F 161.

## COMMUNIST COUNTRIES-ECONOMIC POLICY

Liquilizing the levels of the economic development of socialist countries. O. Rybakov. Vop. ekon. no. 1403. 116 Ja ¹67.

# COMMUNIST COUNTRIES—ELECTRONIC DATA PROCESSING—CONGRESSES

Cooperation of the countries participating in the Natual Economic Assistance Council in the problems of a vehicle accounting and statistics. Buking uchet—na 12: 66-67 10-66.

### COMMUNIST COUNTRIES --- I MANCE

In the Permanent Committee on Foreign Exchange w ! Finance of the Comecon. I. Lukin. Fin. SSSR 10 no. 12:90-91 D 466.

### COMMUNIST COUNTRIES-FOREIGN ECONOMIC RELATIONS

Equalizing the levels of the economic development of socialist countries. O. Rybakov. Vop. ekon. na i-lisi-H6 Ja 467.

Working out the methodological problems of the events cooperation of the Comecon countries. A. Sokulov. Vop. okon. no. 1:09-105 Ja 167.

## COMMUNIST COUNTRIES-PRICES

Prices in the world socialist market K Popov, Varettorg, 46 no. II 19-22 166.

### COMMUNIST COUNTRIES-STATISTICS

[Economy of socialist countries in figures, 1965; a concise statistical abstract] Ekonomika sotsialisticheskish stran v tsif akh 1965 god; kratkii statisticheskii storik, Moskva, Mysl', 1966. 235 p.

COMMUNIST EDUCATION

face also auktivision under Bashkirla, Czechoslovakia; Kiev, Nalchik, Ukraine; Vladimli Piovince)

Akademila pedagogleheskikh nauk RSTSR, Institut vechernish (smennykh) Zaorhnykh srednikh shkol. Inculcation of the Communist attitude toward worl in students of evening schools | Vospitante kommunistic heskogo otnoshenila k trude u uchashehikhsia vechernish shkol. Pod red. L.A. Vysotinot. Moskva, Prosyeshthenie, 1964, 114 p. (Pedagogleheskie chteniia) Pos. 1964, 11s. (NIC)

The building of socialism in the U.S.S.R. F.S. Golula va.
I.S. Gellershtein Mach, shkola 35, no. 181-92, Jan 67.
Clubs for voters. Agitator, 31, no. 3, 2-5, 11, 167.

Com ses for party workers. Part zhizhi no 16t F 167 Perfected to the education of people V. Platency Knizh torg 17 no 11 17 N 166

Developing a communist attitude toward word during social science legions, S. I. Breev Vech, and, shkola 9 no 5:11-42 5-0 lob.

9 no 317-42 5-10 30.
9 no 317-42 5-10 30.
Palucation of the new mon is an integral part of the building of communism, the 24d Congress of the CPSU on the objectives of the communist characteristic of workers.
1 1. Makarov. Vop. (4 kPS) 11 no 2 465-97 § 967.

The Pighth Congress of the CP50 and the diagons of teachers into mass political work in rural areas, N.G. Dipochima. Sov. peday - 41 no 1422-142 Ja 567.

The formula of time, A. I gorov, Mol. I orom, no iti-

11 % of Klucheva, Z.I. [Collective work is the highest principle of parly leadership, for universities of Matylsma-Leninism [Keilektivoest' - vysshil printsip partitiogo ruko-vosistva, dita universiteitev matslrma-leniniama, Moskva, Mysl', 1066, 77 p. (Partition stroitel'stvo) Tet us inculcate revolutionary traditions into young people. P. E. Kozlov. Vop. 1st. KPSS 11. no. 2:118-119

loyalty. A. Kachanov, Mol komm. no. 19:19-27 166. On the communist education of students] O kommunisti-cheskom vospitanii uchashchikhala, sbornik statel. Ufa, Bashkliskoe kulzhuoe Izd-vo, 1965-(CSt-H)

Our bonner, strength and weapon Bar, ob., no. 1.55-81

Our children will tight even better.....
zhunov Mol, komm, no 1 11-18 tin.

On gamizing permanent courses on actuaining higher party and Saviet officials. Part, dizn' no. 2:23 In '67. Party activists are studying. Part, then' no. 3:58-59 I' '67.

Plenums of party committees on personnel work. Part, high no 157-50 P '61

hearching for new ways. 5. Molentley, P. Fedotova, Part Mitch no. 334-17 1 (b) Seetched on communist education (to be continued), V Sukhominskit, Nat., obt., no. 2,38-16 F. bot. Study groups of party activists of achoods. Part, Mitchell no. 3 (b) P. 67.

They are learning the skill of charators. Part, "high no. 4:61 1 167.

Training by personation. Janos Van. Sov professiony 21 no. 1,17-38. Ja.  $^{9}67_{\odot}$ 

COMMUNIST EDUCATION—PERIODICALS

The tenth anniversary of the periodical "Politicheskor barnoobrazovanu" Vop. (st. KPSS-11 no. 2.160 F 467

### COMMUNIST ETHICS

Communist and religious
conception of the moral ideal. A. M. Perekaltskais
trudy lek un. 38 no. 4 197-200 '8.
The criterion of communicat morality. S. I. Anisimov,
Vest. Mosk, un Sc. 8: Filos. 21 no 6 23-28 N-D '86.

The criterion of morality in Markist-Leninist ethics.
M. I Borovskii. Vestsi AN BSSR, Sci hram nav no, b

Kalita, P. [Your ideology and responsibility] Tays Ideolekums un abbildiba. Riga, Liesma, 1986, 73 p. In Latyian]

One for all, all for one, L. Rusakova. Agitator no. 17:13-15 S 162.
The role of work and public opinion in the development of constonances in the builders of communism P, V Zagotul'ko, Tindy lik, un. 48 no. 4 211-226 165.

Tugarinov, V.P. [Communism and personality] Kommunizm i licinosit. Leningrad, Ob-vo "Znanie" RSFSR, 1066, 45 p.

## COMMUNIST PARTIES

At the head of the revolutionary struggle. 1, Petrov. V mire knig 6 no. 6.6-9 Jc 166

COMMUNIST PARTIES-BIBLIOGRAPHY see Bib-Hography—Communist parties

COMMUNET PARTY ace subdivision under Costa Rica; Cuba; France; Jordan; Sudan; Vietnam, North

COMMUNIST PARTY OF THE SOVIET UNION [see also subdivision under Barnaul; Donotsk; Ponotsk Province; Komi A. S., S., I, ; Kursk Province; Molodechne; Moscow; Udmurt A., S., S. I, ; Ukraine)

Asiania, V.IA. (Criticism and solf-criticism in the life and work of the CPSU; for universities of Maryism-Leninism; Kritika i sanokritika v zhizni i delatel nosti KPSS; dila universitatov marksizma-leninizma, Moskva, Mysl', 1966 45 p. (Partimos stroitel stvo)

Business correspondence in local part of generations Part Thical no. 1 41-42 C 167
In Community Party was the inspirer and organizer of the Militant friend ship of Soviet peoples during the Great Partiolic Wal. G. G. McLotick. Triudy Inst. 184 party [Acerb.]. 27 156-173 164.

[In a common sector of work] Na edinom uchastke. [Ro-stov-na-Donu] Rostovskoe knizhnoe izd-vo, 1963 75 p.

Institut mart sizma-leninizma. Moscow. [History of the Communist Party of the Soviet Union] Istorita Kommunisticheskol partii Sovetskogo Soluza. Moskva, Izd-vo polit, ht-rv, 1986. 6 v. illus., plates, maps. (IEN)

Karanskii inasovo-ckonomicheskii institut, [Methodolo-gical advice for seminars on the filstory of the CPSU] Metodichesrie sowety i seminaram po istorii KPSS. Karan', Cazelno-zhu nal'noe izd-vo latarskogo obkoma KPSS, 1966, 192 p. (CSt-H)

Rhucheva, Z.I. [Collective work is the highest principle of party leadership, for universities of Marylsm-Leninian] Kollektivnost' - vysshif printsip partinoge tuko-vodstva, dila universitelov marksi2ma-leninizma. Moshin, Mysl', 1966. 77 p. (Partimoe stroitel'shio)

Problems of party life] Voprosy partillor zhizni. Mo-skva, Pravda, 1967. 349 p. (V pomoshch' izuchalu-shchim partilnoc stroitel'sivo)

Russia (U.S.S.R.) Upravious propodavantia obshchest-vannykh hauk [Program and subject matter of test papers on the history of the CPSU, for students of sec-ondary vocational schools | Programma i tematika Fon-trol'nykh rabot po istorii KPSS, diba uchashchikhsia zaochnikov srednikh spetsial'nykh uchchnykh zavedenii Moskva, Mysi', 1867 '9 p

Shilarev, G.1. [The CPSU is the leading force of the Soviet society in its struggle for communism, for universities of Marxism and Leminism] KPSS - rukovodia-shelari sits sovetskogo obshchestva v bor be za kommunizm, dita universitetov marksterna-leninizma Moskva, Mysl', 1960. 52 p. (Partimoe stroitel'stvo)

The 22d Congress of the Communist Party of the Soviet Union and out tasks Nauch dokl. vys. shkoly, filol nauki 5 no. 1, 3-7 '62

nauki 5 no. 1, 3-7 '62 Unanimous approval of Lenin's course of the CPSU, Part, zhizn' no. 2:8-9 Ja '67,

V.I. Lenin on the program of the Communist Party, N. Ganin, Mol komm. no 6 3-12 Je 161.

COMMUNIST PARTY OF THE SOVIET UNION—BIB-LIOGRAPHY see Bibliography—Communist Party of the Soviet Union

COMMUNIST PARTY OF THE SOVIET UNION-CON-

(see also subdivision under Armenia)

[Everything for the people; stories shout the delegates to the 23d Congress of the CPSU] Vse - Hudfam, rasskazy o delegatakh XXIII s'ezda KPSS, [Kulbyshev] Kulbyshev-skoe kulthnoe izd-vo, 1968, 140 p. (CSt-II)

[For the five-year plan our labor and energy; visual aid from the materials of the 23d Congress of the CPSU] Platifetke - nash trud i energifu, nagitadnoe posoble po materialam XXIII s'ezda KPSS. Moskva, Politizda Politiedat, 1966. 16 plates (chiefly diagrs.) In portfolio. (CSt-H)

Metallurgical plants reported at the 22d Congress of the CPSU. Stall 21 no. il 961-962 N '61,

COMMUNIST PARTY OF THE SOVIET UNION-MEMBER-

(see also subdivision under Tyumen Province)

Thom the editor's mail. Komm, Voorugh, Sil 17 no 1.

Some changes in the forms of documents required for admission into the CPSU Komm Vooruzh Sil 47 по 187-88 Јв 167

Tact or liberalism, G. Pogorelov. Part. zhizn' no. 2: 66-67 Ja '67,

COMMUNIST PARTY OF THE SOVIET UNION-PARTY WORK

(ace also subdivision under Azerbaljan; Belgorod (ace also suscivision under Azerbaijan; Bulgolod Plovince; Bratsk, Irkutsk Province; Chelyabinsk Province; Estonia; Georgia; Irkutsk Province; Ivano-Frankovsk Province; Kazakhstan; Kemerovo Province; Krasnoyarsk Territory; Kuybyshov Province; Lenia-grad; Lithuania; Lvov Province; Voronezh)

Artiste' associations of party organizations. Part. zhizn' no. 2'53-59 Ja '67.

Correspondence with readers. Agitator 34 no. 4.58 F

How to organize political information. N. Ivan'lovich Agitator 34 no. 3 34-37 F 167.

Agintor 34 no. 3 34-37 F '67.

Kommunisticheskaia partiia Uzbekistana. Tsentral'nyi komitet, Oidel propagandy i agitatsii. [Principles of party work; a textbook for the system of party education] Osnovy partiinogo stroitel'stva; uchebnoe posobie dita sistemy partiinogo prosvestichenita. Tasikont, "Uzbekistan," 1966, 330 p.
Party committees are improving their work. S. Sdohnov, Part, zhizn' no. 3.30-34 F '67.

[Party groups and the duties of Communists required by the party statute! Partiinala gruppa I ustavave trebova-

the party statute Partiinala gruppa i ustavnye trebova-nila k kommunistu. [Moskva] Mosk rabochii, 1965

The party meeting is the highest organ of local party or significant attoms. V Zasorin. Part ohl no 4 43-51 gani ations 1 *67

Proposals and suggestions of Communists should be carried out Part zluzn' no 2 62 Jr 167

Reach each man consultation M Schrichaevskii Agitatin no 17 40-43 S 162

Recommended themes for lectures, reports, and talks Agitator 34 no. 38 F 167

A theoretical conference on problems of party work. Part zhizn' no. 2-81 Ja 'b?.

Useful study groups. Part. zhizn' no. 2-62-63 Ja '67.

We received these answers. Part. rhizm' no. 2:80 Ja

We received these anglers. Part, thirm' no 3:80 F

Workshop party organizations and party groups. Tart "birn" no 3 3-7 F '67.

You can depend on party activists Part zhizh' no. 39 ul F '67

### COMMUNIST REVISIONISM

Economic ties of socialist countries and the ideologists of anticommunism V Smollanskit V on ekon no 1 81-90 Ja '67.

The Mai ion criticism of revisionism and the theory of impover ishment. V Zhadov. D Tarkovskii Nauch dokl vys shkoly, sken nauki i no 1588-164 '61

Zaochmia vysshala partiinala shkola, Kafedra politiche-skol ekonomii, Criticism of bourgeois and i cforma-tional economic theories in V.I. Lenin's work Kritika burzhuzznykh i reformistskirh ekonomicheskikh teorii : tradakh V. I. Lenina. Moskva, Mysl', 1966, 371 p.

## COMMUNIST STATE

Lashin, A.C. [Origin and development of the socialist state] Vozniknovenie 1 azvitte sotsialisticheskogo gosudaistva. [Moskya] Izd-vo Mosk, univ., 1965, 416 p. (MosW)

Political foundations of the socialist system. N.P. Far-berov, G.N. Manov. Sov. gos 1 piavo no. 15-13 Ja '6?

### COMMUNIST YOUTH

(see also subdivision under Argentma; Bashkiria, Bulgaria; Czechoslovakia, Ilaly; United States)

To the whole planet..., M. Mukhamedzhanov, Mol. Somin, no. 10:5-11 166.

## COMMUNIST YOUTH LEAGUE

(see also subdivision under Azerbaijan, East Kazakhstan Province; Kaiuga, Leningrad; Tambov Province; Transcaucasia)

At the gate there is a turn. G. Mcksandrov. Mol. Foran, 10, 10 61-88 '85'

The editor's mail. Mol. komm no. 6:103-105 Je 161. Educating a vorthy young generation Schlar shkola 21 no 71 J1 166

I find to a Komsomol organization to train the students in work habits. V 1 Semenov, N I Kurochkin, Shkola i proizv, 10 no 10 21-22 O '66

Exchange of documents of the Komsomol Part zhizh no 4.62-63 F 167

The formula of time 1 Egotov. Mol komm, no 44-

Highly important construction projects are the destina-tion of the members of the komsomol Mot komm no 10,96-29 '66.

Isbakh, A.A. [Stories about the Komsomol] Rasskazy o Komsomole, Moskva, Zaante, 1867, 95 p. (Novoc v zhizni, nauke, tekhnike, X Serita Molodezhnata,

The Komsomol organization in a school. V. F. Sidorev. Vech. sied. shkola 9 no. 5:11-13 S-O '66.

The Komsomol struggles to fulfil the plan M.A.

Mustafaev. Vech. sred. shkola 9 no. 3:18-20 My-Je

196,
Mironovka of the "second cosmic velocity." O. Mamoniova.
Mol.komm. no. 4 28-33 166
Participation of young people and the members of the
Konnsomol in the work of the organizations of people's
control. V. I.Luk'lanenko. Trudy Irk.inst, nar. Phor.
no. 1 180-191 166.
Patriotic deeds of Communist Youth League members.
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Problems of the Komsomel guidance on the second.

Problems of the Komsomol guidance on the agenda.
Part, zhizn' no, 2:61-62 Ja '67.
Unchartered Komsomol organisations. K. P. Samoulov.
Vech, ered, ahkola 9 no. 5:13-18 S-O '66.

A vector of quests. IU, Belov. Mol. komm. no. 10: B1-87 166.

Vsesoluznyi Leninskii Kommunisticheskii Soinz Molodez hi.

[Statute of the Komsomol. Passed by the 14th Congress of the Komsomol] Ustav. Primat XIV s"ezdom VLKSM. [Moskva] Molodaia gvardila, 1963 31 p. (Bibliotechka "Vstupalushchemu v komsomol")

"Vstapatushchemu v komsomol")
Vsesoiuznyl Leninskił Kommunisticheskił Sotuz Molodezhl, [Statute of the Komsomol, Passod by the 14th Congress of the Komsomol (with partial amendments introduced by the 15th Congress of the Komsomol) Usiav. Pi Iniat KIW e"ezdom VLKSM (chastichnye izmenentia vneseny XV s"ezdom VLKSM), [Moskva] Molodaia gvai dita, 1966 31 p.

## COMMUNIST YOUTH LEAGUE (Continued)

We need what Vialinar Illich has taught us - S-M Kitox Mol somm - no 4-154-166

Your contemporaries I Kulikov, V Khalipov Sov voin 43 n. 24 3-4 D tel

### COMMUNISTS

(see also subdivision under Vietnam, North)

[Aleksandı Chapaev and others] Aleksandı Chapaev i drugie, 12d.2., ispi.i dop. Moskva, Politizdat, 1967.

A Communist who delivered 300 lectures Part zhizos no, 3 br 1 167

"I do what I want!" M Burmakin Part zhizu! no k 69 E' 167

[Lonin guards of our planet, stories about V 1 Lenin's companions in arms and contemporal test Lemms companions in arms and contemporal test Lemms. All gyardia planety, rasskazy o soratnikakh i sovi emennikakh V I Lemma Moskva, Politizdat, 1867–502 p

The whole world is getting ready to: the 50th anniversary of the Great October Revolution Partichization 3/74-78 F 167

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### COMPASS

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Gulov, F.T. [Practice of correcting and determining the deviation] Praktika unichtozhenita i opredelenita deviatsii, Moskva, Transport, 1966, 199 p. (Bibliotechka sudovoditelia morskogo flota)

### COMPETITION

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### COMPETITION, INTERNATIONAL—CONGRESSES

Feonomic competition of the two world systems, interuni-versity conference. I Rudalova, I I aminskil, M Malia-Nauch doll vys shirdly, ckon nauki i no 1:129-142 61.

### COMPLEMENT FIXATION

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### COMPLEX COMPOUNDS

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disulfides A D Gainovsku and other 9 Zhur, neor g
khim 12 no.1 159-162 Ja '67

compact formation of amino derivatives of highenyl, slaphenyl sulfide, and diphenyl oxide B V. Tronov and others. Trudy TGU 1853-5-165.

Complex-forming reactions between 110n, antimony chlorities and a plannaturated science. O. F. Boo'do ov. V. M. folmachov, V. F. Lavrushyn, Dop. AN URSR no. 10 1315-1317-166.

Disarrangement of the p * -conjugation in aromatic others during complex forming with aluminum bromide 1 P.
Romm, F. N. Gurbanova Dokt AN SSSR 171 no 4 877-879 D 166.

Por al-Koshits, M.A., and E.A. Gilinskata, [Crystal chemistry, advances in the crystal chemistry of complex compounds] Kristallokhmida, uspekhi kristallokhmida, kompleksnykh soedinenii. Moskva, Akad, nauk SSSR, 1985, 211 p. (Itogi nauki, Serita Khimita)

Preparation of mixed complex compounds of copper, cobalt, nickel chlorides with 2-chloro-1, 3-butneliene. S. N. Avalian, R. A Karapetian, Izv. vys. uchch zav, khim. i khim telh, O no. 5 696-698 '66.

ening, a snim tells, 9 no. 5 696-698 '66, repetation of some new aminoallene complex compounds of cobult, zinc and cadmium chlorides, 5, N, Avalian, Lev, vys., ucheb, zav., khim i khim, tekh. 9 no. 5 8 il '66

Synthesis and complex-forming proporties of racemic 2.3-dihydroxy-1.4-diaminobutanetetrancetic acid N M.Diatloya and others Dokl AN SSSR 172 no 1:91-97 Js '87

Ternary tartrate complex of iron and aluminum. I, V. Piatnitskii, L. M. Glushchenko, Ukr, khim, zhur 32 no. 11 1220 - 1221 166.

Use of the molecular orbitals method with self-consistancy in calculating aniline - niti obenzene and nitrohenzene-phenol complexes V.I Danilova, S.IA, Belomyttsev. Izv.vys.ucheb.zav., fiz. 9 no 6;162-163 '66.

## COMPLEX COMPOUNDS-SPECTRA

Infrared absorption spectra of comples compounds of cobalt, nickel, and platnaum with hydroxylamine, 10.1A, Kharitonov, M. A Sarukhanov, 1. B Bajanovskii, Zhur, neoig khim 12 no 1:163-173 Ja 167.

## COMPLEX COMPOUNDS-THERMODYNAMICS

Some features of complet formation in vapors at high temperatures. G.I. Nevikov. Probl. sovr. klum. koord. soed. no. 1;28-77 '66.

## COMPLEX IONS

Interaction between components in ternary nitrate aqueous-salt systems. M.A. IAkimov. Probl. sovr. hhim. koord, soed. no. 1-136-156 '68.

### COMPLEXONS

Comple for mation in the system UO2 (NO3), - H2O2 - ethylenediam metetracetic acid - H2O L P Polozhenskain, L. F Solntseyn, A. M Can evich. Hadiokhimia no 6.638-664 66

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K-5500-42-1 contribugal compressor. 4. A Druzhutin. Energomashmosmocme 12 no. 11 42 N 466,

Study of the control or compressors with gas motors A Z.Gryshchenko Pratsi Inst vyk ga u v kom hosp ta prom AN URSR 7 30-47 159

Weat and extension of the service life of the cylinders of immenia complessors. V. Ambirov. Mas ind, SSSR 38 no. 1:26-28 Ja '67

### COMPRESSORS-AERODYNAMICS

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Performance of a centrifugal compressor stage under the conditions of flow vortex motion at the inlet. M. T. Stoharsku - Energomeshino-treenic 6 no. \$15-18 S

Using optical methods in studying the flow in blade rings of an axial flow compressor, † A, Sustennikov, Lopmash, 1 struin, app. no. 1,115-175 [66.]

Using the energy method in analyzing the stability of gas systems with compressors, J.P. Obstein, P.A. I okst-tanov. Lop. mash, 1 strum app. no 1421-136 466.

## COMPRESSORS—BLADES

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## COMPRESSORS-NOISE

Study of the noise of hermetic compressors. V A. Tikhomirov Khol, tekh. 13 no 12 D '68

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## COMPTON EFFECT

Sum rule for the interaction constants of  $\pi^{\circ}$ ,, and  $X^{\circ}$ mesons. V. IA. Fainherg. L. V. Fillov. Pist. v red. Zhu: .eksper i teoret. fiz 5 no. 2,84-67 Ja 167

### COMRADES COURTS

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## CONCRETE

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Automatic control of the mobility of concrete, A.E. Desov, N.I. Solodov. Trudy NIIZHB no 19:4-33 '61

Kinetics of cement hydration in concrete at elevated temperatures. L. A. Sil'chenko, N. V. Mikhailov, P. A. Rebinder Dokl. AN SSSR 167 no. 2:391-394 Mr 166,

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## CONCRETE—CORROSION

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### CONCRETE-FATIGUE

Effect of the inhomogeneity of the solid phase on the re-Sistema of conducte to cracking under stress. V. G. Pashkovskii, N. V. Mikhadov, P. V. Rehanda. (1981) Mr. SSSR 171 no. 1849-849 D 466

Research on fatigue strength of precast reinforcid con-rrete structures. A. P. Kirillov - Trudy Gidropom Ma. no, 11 60-92 166,

### CONCRETE-TESTING

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Some structural properties of concrete hardened in an autoriave I A Svetinskaia. Trudy NHZHB no. P P4 141 761.

Studying properties of sand and gravel concrete with various aggregates. L.I. Babkin Shor, much, (10), PMBI no. 10:235-251 bb

### CONCRETE-THERMAL PROPERTIES

Mikhoilov, P. A. Rebinster Dokl AN SSR 112 molt 115-140 Ja '67

### CONCRETE, EFFECT OF TEMPERATURE ON

Increasing the strength of concrete with programming of the heat treatment process, A. I. Shkollarov, Shor, nauch trud, PNIUI no. 10-221-231 [66].

### CONCRETE DEAMS

(see also subdivision under Leningrad)

Determining bearing capacity of over-relatored rela-forced concrete beams. O.Donchenko. From, ettol. I mah. 2002. B. no. 6:26-27 N-D. 456.

Mechadzing fittings work on the Batavak Biblige Reinforced Concrete Structural Elementa Plant. V S IUrkin Pransp. atroi 16 no 123-25 Mi lor,

Studying work of reinforced concrete beams with direct if i reinforcement under dynamic loading (t. D.K.) soyskii, Trudy Gidroprockta no. 13, 42-41, 566.

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(see also subdivision under Volga Hydroelectife Power Station (22d Congress of the CPSU)

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Belomye raboty, sbornik opisanti ratsionalizaterskich prediozhenit Moskva, Stroitadat, 1965, 44 p. (Novesti stroitel'noi tekimiki SSSR)

[MCROI ILM]

Pheumatic transportation of concrete in industrial construction, V.V.Dirosar, S.KH. Fridental, Prom. test 39 no 12 12-15 [6]

Reporting damage to reinforced concrete preducts. Street in this U2b. 7 no.12:20 D 466.

Switch booth from prefabricated space ceilula concrete elements. G.S. Nochaevskii and others. Transpolars 16 no 2:18-20 F 466.

Use condicter-tubble masony in hydraulic structures. V. Afanasov Roch. transp. 20 no. 7:53-54 Jl 61.

CONCRETE CONSTRUCTION-BIBLIOGRAPHY 6: 0 Bibliography-Concrete construction

### CONCRETE CONSTRUCTION-COLD WEATHER CONDITIONS

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# CONCRETE CONSTRUCTION—FOR MWORK (see also subdivision under Volga Hydroelectric Power Station (22d Congress of the CPSU) )

box oley, M.E. [Machine v for casting concrete and reinforced concrete pressure its said low-pressure pipes]
Stanki dila formovanila betomykh i zhelezobetomykh
beznaponykh i malonaponykh trub. Moskva,
Milinformatsii stroidorkommumash, 1065, 53 p. (Set Ha 2. Oborndovante dila promys, temosti stroitel'nykli m iterialov)

I make of vertical vortings by the method of concreting attent to movel. T. V. Kirade with and other Starbit, drot. 10 and 12 (1-22 D) (66)

A no third sorthy of prival attention, insituand precast construction of buildings in a mobile form. M. S. Tuzov, \$2101, 1418 bit, 140-28 no 6 24-25 Je *66

huse's (U.S.S.R.) Gosudarstvennyi komitet po dolam strontel'sta. Interrepublic technical specifications, ye hied steel forms for manufacture of concrete and remforced coarrele products] Mezhr espublikanskic tekhni-cheskie uslovila, formy skal'nye svarnye dha Izgotovle-nin betomykh i zbelezobetomykh izdelii MRTU7-15-66 Moskva, Shorizdat, 1966 - 15 p

Zemskil, A.A., [Ald to the concrete caster, manual for increasing the skill of workers in the Housing Construc-tion Combine] V pomosheh' betonshehku-tor mov-shehku, possible po povyshenim masterstva rabochikh DSK, Lenngrad, Sholtzdat, 1966–80 p

### CONCRETE CONSTRUCTION-JOINTS

Hos to make a safe joint between panels. N Rozanov Na strockes - Lao 121-22 Mil 164

Improved james of panels of exterior walls. A 13kmhor Nustrior Ros. (4 no. 9.96) S. (63)

niah-ti, G.B., and others. [Scaling the Joints of precast relatarced concrete structural elements] Zadelka stykov sbornykh zbolozobetomykh konstruktsti. Moskva, Strotizant, 1986–304 p

Moints of catthquike-proof buildings in series 1-461AS and 1-464ASP 1 Gendelman Na strot Ros 1 no 26-27 Jl 464.

Mistic as a take protection of pinel joints. A Tagintsev, (i. Akhi n-bit in. Na stroi Ros. 1 no 9.25 \$ 164 Scribing joints of reinforced concrete structures with

constraints or removed concrete structures with concretes and mortals. Prom. M. of. of. i in/h soot. 8 no. 6, to N-D 66.

# CONCRETE CONSTRUCTION—QUALITY CONTROL

Physical methods of production control in industrial building. A. Rhudonko Prom strol, i inzh. soor, 3 no, 6:9-10 N-D '66.

# CONCRETE CONSTRUCTION—SALETY MEASURES

Mal-movich, A.T. [Safety manual for workers attending more far preparation units at a construction yaid] Pamiatha po tekiniko bezopannosti diia rabochikh, obshwida po tekiniko bezopannosti diia rabochikh, obshwida valushe hikh rastvornye uziy na stroitel'noi ploshchadke, Izd. 2. Moskva, Stroitzdat, 1966. 26 p. (Tekinika bezopasnosti v stroitel'stve)

## CONCRETE CONSTRUCTION—STANDARDS

Hustia (U.S.S.R.) Gosudarstvennyi komitel po delam bi origilsiva [Interrepublic technical specifications; welded sieel forms for manufacture of concrete and re-biforced-concrete products] Merbrespublikanskie tekhni-dicak te ustovita, formy stal'nye swa nye dila izgotovle-niti betomykh i zbelezobetomykh izdelli MRTU7-15-36 kroskva, Stralizdat, 1988—15 p

CONCRITTI DAMS—DESIGN AND CONSTRUCTION see subdivision under Bratsk Hydroelectric Power Station

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## CONCRETE FOOTINGS

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## CONCRETE MIXERS

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## CONCRETE PILING

How to raise the quality of pile driving operations.

G. Rusanov Na stroi, Ros. 7 no. 12 24 D 466
Machanized stand for proparing prestressed reinforced concrete pile planks and piles. E.S. Kalazov. Transp. stroi. 18 no. 4:20-30 Ap 466.

Method of improving pite driving with a diesel hammer, B. IA. Markevich, Avt. dor. 24 no. 11.27 N '61.

Results of leating medium diameter bored piles. A Mointey. Transp, strot. 16 no. J:43-15 Mr | 66.

Some more on the use of insitu piles of the "Benoto" type. A. Chodo, skii. Shol, tarkhit, klosk 15 no. 7 23-25 Jl '66.

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(see also subdivision under Moscow Province, Volga Hydroclectale Power Station (22d Congress of the

Controlling industrial noise in casting shops of plants producing reinforced concrete articles IU M Elizaro. Prom stror 39 no 12 19-53 [6]

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Concerning the article by E. G. Ratts and SH, (U. Tseitlin Prom. strot. 30, no. 12, 35-37, 161.

Leonomic efficiency of continuous reinforcement method in profabilicating prestressed structural elements. V. G. Michallov, L. I. T. Tsygenkov. Bet i zhel, -bet. 12, no. 11, 8-11. N. 156.

Hardening reinfor cement using DG-170/1120 hydraulic jacks. R. Chanyshev. Prom. stroi. i inzh. soor. 8 no 6:18-20 N-D '66

Improve technology of prestilessed structural elements Bet i shell-bet, 12 no. 11:1-2 N 165.

Lew alloy, 28GS2 steet for concrete reinforcement I M Leikin, V N Utkin, A. A Roshebina Stat! : no 4f 1020-1022 N [6].

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On controlling tensioning of reinforcement, V.F. Sheria-kov. Stroi : arkhit Len 28 no 12 15 D '66. Relieving tension on reinforcements during manufacture of prestreamed structural elements. N.A. Markarov, I.A. Mekhtiev. Bet.i zhej.-bet 12 no 11 22-27 N '66.

Selection of symmetrical natensioned reinforcement in excentifially compressed reinforced concrete structural framents of act tangular cross section. V. B. Karain-skin, B. B. Franfel'd. Bet. i 'hel. -bct. 12 no 11 37-38

Strands and cables for prestressed reinforced concrete. L. A. Krastlinikov, L. D. Mamykin, Bet. I zhel, -bet. no. 12:551-555 D '61.

no, 12.551-555 D '61,
Theory and methods of continuous reinforcement of prebit cosed tenforced concrete structural elements V.V.
Mishailov, Bet. 1 shel, bet. 12 no. 11.2-8 N '66
Using continuous reinforcement in manufacturing prebit essed teliforced concrete structural elements for
apartment bouses and muticipal buildings, F. G. Sokolov,
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Using high-strength cold drawn wire without low temperature tempering. A A Litymov, R. I Shumetko Stati 21 no. ii 1043-1044 N '61

### CONCRETE REINFORCEMENT-EQUIPMENT AND SUPPLIES

Blohagin, A. I. [Meclanized assembly technology for manufacturing reinforcement elements and its efficiency] Potochno-meklanizirovannata teknologisa izgotovlenita armatury i ce effektivnost! Moskva, Strolizdat, 1985 47 p

## [MICROFILM]

# CONCRETE ROOFING see Roofing, Concrete

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Suspension walls. L. Halanovakii. Na stroi. Ros. 4 no 7'28-29 Jl '63.

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CONDENSATE OIL FIELDS
Development problems of condensate oil fields, 1U.V.
Zheltov, V.N. Martos, Neft. khoz, 44 no. 12:32-35

Retrograde condensate lesses in a gas condensate layer developed by the natural depletion method. N. A. Cherepakhin, Nauch, tekh. sbor . po dob nefti no. 3; 81-70 '59.

# CONDENSATION PRODUCTS (CHEMISTRY)

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Synthesis of 5, 6-benzoquinoline delivatives — Synthesis of 2-phen, 1-5, 6-benzoquinoline-4-aldeh, de and stud, of its condensation with substances having mobile h, diogen atoms N. S. Kuzlov, V. V. Miscnzhnikov. Uch zap. Perm ped mst. 32 50-56 165.

### CONDENSERS (ELECTRICITY)

Goleyko, V.G. [Semiconductor capacitors] Poluprovod-nikovyc emiosti. Novosibirsk, Nauka, 1967. 49 p.

### CONDENSERS (STEAM)

Selection of productive capacity of condensing system air pumps. I.D. Berman Elck sta 37 no 12 30-35 D 466

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Cortical regulation of response activity of the thalamic a clay nucleus S.P. Natikashvili, D.V. Kadzhana Filiol zhur. 48 no 3 281-292 Mr '63

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Phenomenon of the commutation of stimuli in the primary sensory areas of the cerebral cortex. M. Sterlade, M Demetrescu. Fiziol. zhur 49 no. 3 299-305 Mr (63,

Rate of the formation of conditioned inhibition in ontogenesis, L.N.Kozlova Zhur vys nerv deiat ng. 6,1073-1078 N-D '62

Relation of the motility of cortical processes under normal conditions and in schlzophrenia patients N.G. Mirolubov, IU.S.Nikolaev. Zhur nevr i psikh. 62 no. ll 1696-1700 162.

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- Likhodecv, L I [The price of being moved] TSena umi-lentia [Mostva] Molodau gvardija, 1967—198 p
- Reader a continue their conversations. Not komm no. 1 60-62 93 166
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  Tashkent, Feb gwardita, 1966 56 p. (Tvoi tovatishchi) Zhurakhovych, S.M. [Who is your friend?] Kto tvoi drug. Moskva, Politizdat, 1967, 173 p. (Vremia i

### CONDUCTOMETRIC ANALYSIS

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### CONFECTIONERY

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- Mappings of Euclidean spaces which generalize conformal mappings. V.V. Ryzhkov. Trudy TGU 181:15-18 '65.
- Metrical characteristics of class BL² mappings, I.S. Ovchmaikov, frudy TGU 182 32-45 '65.
  Metrical properties of plane univalent mappings of closed regions, G D.Suverov, Trudy TGU 182 48-58 '65.

- One form of the extremum metrics method. P M Tampagoy Uki mat thur, 19 no 1 123-128 '67
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[Bulletin of international scientific meetings, conferences, and congresses] Biul, mezhdunar.nauch.s"ezd., konf.i kongr. no 11 '66,

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- Some submanifolds of a congruence of screw lines. L.A. Zeinyshkina. Trudy TGU 181:80-96 '65.

### CONIFERAE

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- liternation problem, L. P Zalikaev and others. Dokl AN SSR 172 no. 3,594-596 Ja 187,
- Conjugation in systems with phosphorus tetrahedral atom, Substituted benzoylti phenylphosphomethylenes 1, A. Mastriukova and others. Doki AR 553R 172 no. 3 611-611 Ja 457.
- one algorithm of the computation of conjugate systems by SSP MO (LC AO) method taking into account configuration interaction. G. I. Kagan, I. N. Fundyler, G. M. Kagan, Tenet, icksper, khim. 2 no 5:509-598 S-O 666
- Pa-conjugation energy in atomatic ethers and heats of formation of complexes with aluminum bromide [1]. Romm and others. Dokl, AN SSSR 172 no 3618-621 Ja '87
- Polymers with a conjugation system Report No 58: Polymerization of phenoxyacetylene and properties of polymers bised on it. A. A. Berlin, M. I. Cherkashin, I. P. Chernysheva, Lzv. AN SSSR, Ser. khim. no. 1:55-61 Ja 167.

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# CONSERVATION OF NATURAL RESOURCES

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## CONSTITUTIONAL HISTORY

Strakhov, N.N. [Origin of state and law; summary of loctures] Vozniknovenie gosudarstva i prava; konepokt lektsli. Khar'kov, Khar'kovskii iurid, in-t, 1965. 44 p. (Na pravakh rukopisi) (CSt-H)

## CONSTRUCTION EQUIPMENT

- (see also subdivision under France, Leningrad; Stavropol, Volga Hydroelectric Power Station (22d Congress of the CPSU))
- Diminate deficiencies in supplying complete sets of equipment to projects in their final stages of construction S. Sokolov. Mat. -tekh, snabzh. 1 no. 4 57-62 O '66.
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- New machines at the Pshibition of Achievements of the National Pronomy of the WSSH A.S Science is Strong documents 6 no 12,28-41 D this
- Solotov, K.A., ed. [Manual for operators of machiner, engaged in transport construction] Sprayochulk mekhintha transportnogo shoitel stva. Ird. 2., perer. i dop. Moskva, Transport, 1966. 639 p.
- Vorob'ey, D. A., and V. M. Sakharov. [Ruberoid mach facty, a survey] Ruberoidinyo agregaty; obror. Moshra, Mitaformatsii stroidorkommunmash, 1965. 62 p. (Serifa 2. Oborndovanie dlia promyshlennosti slivitel'nykh materialov)
- What efficiency promoters show and tell. Inform, blut. VDNKII no. 1 38-40 Ja 467.
- CONSTRUCTION EQUIPMENT-BIBLIOGRAPHY acc Bibliography-Construction equipment

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- Increasing the effectiveness of capital investments is the most important problem for workers in industrial construction. Prom. atroi. 39 40, 12 2-4 461.
- Institute of higher leavining proposes to builders, inform, bint, VDNKH no. 13-47-38 D '66,
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B '46, Kaplan, L.M. [Economics of construction organizations under the conditions of paying for the construction pro-ject as a whole] Ekonomika stroitel nykh organizatsti v slovilikly i rechelov za oblekt v taelom – Moskva, Stroiizdat, 1 37. 154 o.

letts use capital investments efficiently. Bet. 1 zhel. - bet no. 12:520-530 D '61.

A new concept of the products of construction, V. Gu-zenko. Fin. SSSR 10 no. 12-15-16 D '66.

Brat and apparent costs in construction. L. S. Ralmus, Stroit in Rhit. Len. 28 no 1:18-19 Ja 167.

Strong a remainteen 198 no 1118-10 Ja 167. hybekova, T.A. [Financing and issuing co edit for capital taxestments, a collection of problems] Finansit ova-nic i ku editovanic kapital nykh vlozhenii, sbornik zadach Moskva, Tinansy, 1008. 133 p

### CONSTRUCTION INDUSTRY-LABOR PRODUCTIVITY

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nttermining optimal length of time for rebuilding shops, V.A. Bollshakov, Prom. stroi, 44 no. 12:17-19 166,

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Premomic experiments as a method of scientific study. Fkon strol. 9 no 1:55-59 Ja 67.

Economic grounds for reducing the number of standard steel at actural elements. IA, M. Likhtarnikov. Prom. strei. 44 no. 12:10-12 *106.

Fffect of economic work. Na stroi. Ros. 7 no. 12:22 D *66.

iffiction regionmentation, careful preparation and a business Mks approach. K.Shelkovyi. Sots, trud. 12 no.2 90-93 г 167

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Gurevich, D.E. [Organization of subsurface (preparatory) operations using completely mechanized sectors, experience of the "Mosfundamentation" trusts Nos.1 and experience of the "Mosfundamentstrof" trusts Nos.1 am 3 of the Glavmosstrofl Organizatsia rabot podzen nogo (nulevogo) tsikla sila mi kompleksno-mckhanizirovan-nykh uchastkov, opyt trestov "Mosfundamentstrof" NoNo 113 Glavmosstrofa Moskva, Strofizdat, 1965

### [MICROFILM]

Organize labor in construction on a scientific lasis. I A. Nouseov Strot talkint Len. 28 no 71-3 It 166 Ruse quality of construction. Na strot Ros. 7 no.12

Resources and network schedule graph. G Korotkovskii Na stroi Ros. 7, no. 12 3-4, D 766

System of management and material incentives in lover ech lons of construction arginizations. IU Paktorovich and others. Na stroi Ros. 7 no 12 7-8 D 166. Ways or improving and incchanizing administrative

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Zen'kov, 1.S., and M.IA.Rusakov. [Economics of construction] Ekonomika struitel'stva, Moskva, Vysshata ьhkola, 1967. 358 р.

CONSTRUCTION INDUSTRY—PRODUCTION METHODS Introduction of new technology 13 the duty of all construc-tors, N. Kurek. Na stroi. Ros. 5 no. 31-2 Mr. 164

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<u>Kiseley, R. P., and M. B. Egotov.</u> [Using the system of notwork planning and management in construction, methodological instructions] Primenente sistemy setevogo plant ovanila i upravlentia v strottel'stve, metodicheskoe ukazaniia Moskva, Ekonomika No 2 1966 26 p. chart(Insert)

Preparing graphic models for optimal planning of work schedules, IU, Avdeev Na stroi Ros 7 no. 12 5-6

D 166. Standardized network schedule graph for building grain elevator complexes, IU. Gusev, S. Kalmin, A. Kormish evi Na Buol. Ros. 7 no 12 2-3 D 166.

Use of network schedule graphs in planning B. A. Gorodskikh, V.I.Sorokin. Stroi i arkhit.Uzb. 7 no. 12,15-17 D '66.

### CONSTRUCTION INDUSTRY-TECHNOLOGICAL INNOVA-RMOIT

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Technological progress in construction. P. Balaima, Ekon. stroi. 9 no. 1:12-15 Ja *67.

## CONSTRUCTION WORKERS

(see also subdivision under Bashkiria; Ufa)
Bukhanov, M.S. [Aleksei Anokhir and his comrades]
Aloksei Anokhir 1 ego tovarishchi Ufa, Bushkirskoe
lotizhnoe izd-vo, 1982, E7 p.
It 19 your day, constructor. Na strol. Ros. 4 no 8:1
Ag '63.

Pollakov, A.V. [Proud dynasty] Got dala dinastila. Frunze, Kirgizgostzdat, 1962. 58 p. (Chelovek slaven systm (rudom)

CONSUMERS' PREFERENCES see subdivision under Karaganda Province

## CONSUMPTION (ECONOMICS)

(see also subdivision under Kazakhstan)

Social and organizational forms of consumption and the somes of their development, L A, Dalionak. Vestsi AN BSSR, Ser luam, nav. no 4 25-30 '66,

Strides of the five-year plans; production and sale of goods. R. Panishin. Sov. torg 40 no 12:32-36 D 156.

### CONTAINERS

Closed metal vessel for storing, transporting and the induction heating of far and other viscous materials T.N. Levin Sbor.izobr.v ryb. prom. za 1861 g. 100.

Dismountable container. F. E. Kostianko, G. V. Larikov. Shor, izebr. v ryb. prom. za 1981 g.:93 *94.

Cokhbom, E.N., and E.A.,Razvarin, [Special-purpose containers and their use] Spetsial nye konteinery i ikh primenenie. Leningrad, 1966. 36 p. (Leningradskii dom nauchno-tekbnicheskoi propagandy. Proizvodstvennyi opyt. Soriin: Mekhanizatsiia i avtomatizatsiia transportnykh i skladskikh rabot v promyshlennosti)

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CONTINUOUS FUNCTIONS see Functions, Continuous

IAL orleva, I., M. [Development of contractural relations in the state industry of the U.S.S.R. for supply and delivery, 1917-1937] Razvitle dogovornykh sviazel gosudarstvennor promyshenosti SSSR po snabzhenitu i sbytu, 1917-1937 gg. Dushanbe, Irion, 1965. 445 p. (CSt-H)

### CONTRACTS, AGRICULTURAL

The contractural agreement is a pardstick of mutual relations. Zakup selthoz prod no 8,1 :-17 Ag

Figures must be practical, 1. Kondrathov. Zakup, sel'khoz prod. no. 12.9-10 D '66.

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### CONTRAST MEDIA

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Rate of convergence of orthogonal series, VA. Andrien-ko Vest, Mosk un Scr 1 Mat., mekh 22 no.147-24 Ja-F '67,

## CONVERTERS

Kudrina, A.P., and G.F. Gul'ey, [Refractories for ovy-gen-blown converters] Ogneupory dlia kislorodnykh konverterov. Moskva, Mctallurgila, 1966, 143 p.

### CONVEX SURFACES

Uniqueness theorem on closed convex analytic surfaces of n-dimensional space A. H. Medianyl. Dop. AN URSR no. 12 1527-1530 465

### CONVEYING MACHINERY

(see also subdivision unfor Caucasus, Northern)

Advantage of part conveying on a vibratory chute having an elliptic principle of vibration A. T. Miagkov, N !. Makarov. Vest, mashinostt 47 no.1.40-41 Ja '57

Attaching conveyor belts to reinforced concrete gallery floors. A. Kazarin Prom. stroi, I inch. soor. 8 no, 6'7-8 N-D '66.

Determining optimal step for conveying parts of a re-adjusted automatic line. O. C. Bursov, V. S. Lysenko Tekh, mashinostr. no. P16-23 166.

Device for conveying cylindrical articles, mainly glass cans. U. A. Memetov Shor izon, v ryb. prom. za 1981 g.,86-87.

Device for removing glass cans from a forked transporter and transferring them to the transporter of a processing machine. G. I. Klimenko. Shor izobr v ryb. prom za 1961 g. :80-81.

Overhead rope conveyor A.V. Zhoiner. Biul, tekh, -ekan, inform. Gos. nauch - 1851 inst nauch 1 tekh, inform. 19 no. 11 86-87 N 166.

Quality of stacking logs in collectors. A. P. Mazurenko. Izv.vys ucheb.zav.; les.zhur. 9 no.6:67-72 '86.

Screw-conveyor production methods, I. K. Pavlov, A. T. Shirokov, V. S. Starovott Stroi, i dor mash 6 no 12-26-27 D 161

Self-regulating roller supports V.N.Kazakov, Koks i khim no 751-52 '62

Studying the speed systems of the conveyors of automated bucking installations. N. A. Gutseliuk, P. V. Lastochkin. Les. burn t der. prom. no 3:134-138 [66].

Studying unsteady dynamic processes in conveyors with two-speed drive. N. A. Gutselluk. P. V. Lastochkin. Les. bum.i der. piom. no. 3;138-145 '66

Unit for lifting, turning, and conveying parts, N.P. Blankov Avi, prom 32 no. 12:44 D 166

### CONVEYING MACHINERY (Continued)

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### CONVEYING MACHINERY—DESIGN AND CONSTRUCTION

Calculating the performance of steep), pitching and vertical high- peed soleve conterors transporting bose materials. V P Zhelto, A M. Grigor tell 22 vivouchrb... av., got zhan B no 10 HB-120 ho.

Determining the intake of 10-on mer vibration converses this mental drive 5 1 Lishboutskin, 1 A Archidovide Gor elektromekh i estom no 162-86 (65)

### COOKERY (CEREALS)

Bucku heat, M Gurevich, Zakup, selithoz prod no 8: 50-51 lg 'bu

### COOKIES

Me" method of preparing smulsions for sugar cookies, M.1A. Antokolisiana, M. M. Istonina, L. I., Tokares Trudy VKNII no 17 al-62 '66

Universal line for the production or cookles V.D. Gna-turk Khich I tond prom 10 no 12 38-39 D 66

### COOLING TOWERS

Consideration of temperature conditions in the design of hyperbalic reinforced concrete cooling to vers. A \ Bolukhov, IV, D Sukhov, Energ, strof. no. 7.80-84 186

## COOLING TOWERS-DESIGN AND CONSTRUCTION

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COOPERATIVE AGRICULTURE see Agriculture, Cooperative

COODERATIVE EDUCATION see Education, Cooperative

### COOPERATIVE SOCIETIES

Izbitskii, L.M. [Auditing and control in consumer cooperatives] Reviziia i kontrol' v potrebitel'skoi kooperatsii. Moskya, Ekonomika, 1966. Jll p. tsn. Mos. (MH-L)

Prospects for the development of cooperative baking G V Suvorkin. Killeb 1 lond prom = 10 no 12 6-9 D  $^{1}66$ Reprigeration in the consumers' cooperatives of the U.S.R. A. M. Zhar or onlos. Khol. tekh. 43 no. 12. 1-6. D. '66.

### COOPERATIVE SOCIETIES-FINANCL

Varidieva, K. I. [Problem book on the financing and crediffing of Soviet consumer cooperatives] Zadachnik po finansirovaniju i kreditovaniju sovetskol potrebitel'skoj kooperatsit, Moskva, Izd-vo TSentrosofuza, 1962. пар,

(InU)

## COOPERATIVE SOCIETIES-LAW

Practice in super ising the observance of laws by consumers' cooperatives M. Astanov, Sots, 2akon, no 2 56-57 F '67,

COOPERS AND COOPERAGE see subdivision under Riga

## COORDINATION COMPOUNDS

Formation of coordination compounds in binary systems all all metal balide - a -element nalide. D. V. Korolikov, A.I. Efimov Probl. Sovi. khum, koord, socd. no. 1'215-247 '66.

licate of formation of some coordination compounds formed in the systems FiCl₃ - NaCl and TiCl₂ - NaCl B N Podzoros, I V Vasilivova, R, A Sandter Zhur neorg khim 12 no 1 14-37 Ja '67.

Kinetics of aquation of trans-dichlorodicthylenediamine-

on or dans-accinorogicinyieneuminine.

10 I. Biatushko, III. P. Nazarenko.

32 no. II 1154-1159 1-16,
on in the light of concepts of the role
chemistry, or elements of main subindeleev system. S. A. Shchukarev,
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pers of weak electrolytes as dependent H₂O solvent M. A. Styrikovich, O. I. Mingulina Dokl AN SSSR 171 no. 4

idivision under Degrezskove

impurity on the surface and structure a the electrolysis of sulfusic acid Inamenskii, V V Kardashevskii, nur prikl khim. 34 no.6:1298-1305

n the corresion rate of anodized d on aluminum and the concentration los. T.V Matveeva, M.N. Tiukina, un priff khim. 34 no 6 1365-1367

letermination of copper and it on in Js. V.K. Chebotarev, F. M. Kozlova, I. -zhii. prom. 33 no. 1 38-39

### COPPER-METALLOGRAPHY

Calculating the late of diffusion provide of a porosity wile upplied stress. B. IA. Linbor, V. A. Solovice Fig. met i metalloxed. 22 no 6.865-870. D. '66

### COPPER-METALLURGY

Cyclone smelting of copper sulfide concentrates 1 V Tankonogli and others. Texer met, 33 no 3 20-28 Mr '60

### COPPER-PHYSIOLOGICAL EFFECT

Effect of copper on absorptive ability of small intestines in sheep R.S. Aiupyen Trudy Inst fiziol AN Kazakh SSR 10 119-122 466

### COPPER-SPECTRA

Studying some characteristics of excitation of copper spectral lines in hollow-cathede discharge. P.P. Ostroumenko Zhur, prikl, spekt, 5 no. 5:581-385 N

## COPPER ALLOYS—ELECTRIC PROPERTIES

Heat resistant copper alloys low in addition elements with high electric conductivity. A M Korolikov, E V Bezus, L M Gurova. Izv AN SSSR Met. no 1150-155. Ji F 157.

## COPPER ALLOYS-THERMOELECTRIC PROPERTIES

liftect of copper on the thei modelectric efficiency parain-cter. G V. Rakin I'v vvs. uch b zav , fl. 0 no.6. 28-35 66.

### COPPER ALUMINATE CRYSTALS—DEFECTS

Anomalous increase of the diffuse background in α-CuAl.

A. Katsnel'son. G. P. Reykevich. Vest. Mosk un Scr. 3;
Fiz., astron. 21 no 6 106-107 N-12 '66

### COPPER CATALYSTS

Catalytic oxidation of cyclohexylhydroxylamine in pre-Sence of complex compounds of divalent copper. N. B. Shitova, K. I. Matycev, M. M. Danilova, Kin I kat. 7 no 6:995 -998 N-D 68.

### COPPER COMPOUNDS

Changes in election pri amagnetic resonance spectra of polychelate compounds of copper as a result of their mal treatment G. F. Gerasimova V F. Annitenko, N. P. Kein Kin i kat 7 no. 6,1078-1080 N-D '66

Structure of anhydrous copper alkanoate, A. V. Ablov, III A Samonov, J. I. Matinovskii, Dokt. AN SSSR 111 no. 1454-857, D. 167

### COPPER COMPOUNDS-SPECTRA

Calculation of ultraviolet and visible spectra of copper acetyl acetonate V. I. Avdeov, I. I. Zakharo Teorer i eksperaklum 2 no. 5,60%-e15 S-O 160

## COPPER FERROCYANIDE

I freet of solution concentration and anions on cation exchange of copper ferrocyandes. J. V. Kazakov, I. L. Karpoya. Vest I GU 21 no. 22 141-115 (6).

### COPPER-IRON ALLOYS see Iron-copper alloys

COPPER MINES AND MINING see subdivision under Congo (Kinshasa)

## COPPER-NICKEL-COBALT ALLOYS-METALLOGRAPHY

Deformation of single crystafs of aging Cu-Ni-Co alloys with various structural constitutions. O L Nosova, N T I ravina, Izv AN SSSR, Mct. no 1494-200 Ja-

## COPPER-NICKEL-ZINC ALLOYS-METALLOGRAPHY

Studying ordering in ternary system alloys, B. G. Livehite, L. P. Chupiatova, A. S. Lilicev. 127, 198, ucheb zav., chilin met. 10 no 1123-127, 167.

(see also subdivision under Dzherkazgan region,

Use of GUR-3 diffractometer in mon phological studies of crystals. K, P, IAnulov. L, A, Khon osholova Zap. Vses. min ob-vs 95 no 8:755-757 '56

### COPPER OXIDES

Bond energy of ovygen in the surface layer of cupric oxide as determined by means of advorption culorimetry, V E Ostrovski, N.N.Debrovol'skii Deki AN SSSR 172 no 3.649-650 Ja 467.

Rozovskii, G.I., and A.I. Vashkialis. [Electrodeless copper plating | Khimicheskoc mednenie. Red. A.IU. Prokopchik. Vilnius, in-t khimili i khimicheskoi tekhnologii Akad. nauk Litovskol SSR, 1966. 56 p.

# COPPER PLATING-EQUIPMENT AND SUPPLIES

Improving acid electrolyte for copper plating. M. E. Jerner, A. N. Shiraeva, M. S. Allabieva. Tekh i org. prozv. no. 6:65-66 N-D 166.

## COPPER-TIN ALLOY PLATING

Selection of surface-active additions for copper-tin alloy electropiating, IU E. Gerenrot, A. P. Fichia, Ukr. khim, zhui, 32 no. li 1243-1219 166.

# COPPER-ZINC ALLOYS-METALLOGRAPHY

Structural examination of reactive diffusion in the verticin copper - dine. V. I. Arkharove V. A. Kudino, a. V. A. Saronova - 1 iz metal metalloyed: 22 no 1500-150 O 66

### COPTIC LANGUAGE-CLAUSES

Coptic linguises A.L. Hanskala, Palestanbur, in P., 28-34 66. Characteristics of their subordinate clauses of the

### COPYING PROCESSES

Wikel'ski, 1U.V. [Irrigation construction; drawby up and duplicating planning and estimates records] Irrigationnee strottl'idvo, dormlenie frazimovimbi prockine-smetnoi dokumentalsii, Muskva, Rossil'skozizdat, 1965. 130 p.

### COR PULMONALU

Corpulmonale in adiposity (Pickwickian symbount) F. B. Kogan, I G. Danitiak, P. M. Zlochevsliti Sov. med. 29 m. 10 81-86. O. 166

Morphological data on the problem of cor pulmontle in tuberculonia A A Birkun Problem it in the control of the

CORALS, FOSSIL see subdivision under Doneta itema, Novaya Zemlya, Taymyı Peninsula

### CORE DRILLING

Harmful effect of clay mud in core drilling for water, I S Rusanov Ra wed, I okh nedi 26 no. 344 25 Mi 460.

New method of recovering a full core of loose rocks, N. P. Grigor'eva. Razved, i old, nedr 20 no 8002 A

### CORES (ELLCTRICITY)

Mokhel', L. L., and N. N. Shmykova. (Static and impulse parameters of small cores from TONM alloy steels the bon with a thickness of 2µ.) Staticheskie I impul'ence parametry malogabatitopiks set declution to magnitude lenty aplaya 79NM tolehchinoi 2 mk. Moskva, 1965.

### CORIANDER

Pileeth eness of accelerated renovation of collings strain. A N Dorozhkin, T.G. Plytnikova Med. chir. prom. 32 no. 10, 32-33 O 468

For improved production of contander seed. 1. A. Sayenko Mesi - this prom 32 no. 11:31 L. 4st

CORMORANTS see subdivision under Kanwhatka

### CORN (MAIZE)

(see also subdivision under Alini Territory; hladik Province; Rabaidino-Balkar A. S. S. R. ; Reban; On a k Province; Orenburg Province; Simferopol⁹)

The key to abundance of livestock products. G. 16, 10k. Mol. kommonio, 6 92-97 de 464.

Results of the commercial testing of preserving masts thon of corn aceds with Csth? genoma rays. N. M. Berezina, 1. 1. Korneva, R. R. Riza-Zadi. Radio [o] gin. 2. no. 1.6 9-633. 462.

Use at VP-1 and VP-2M moisture nectors for accelerate the measurement of moisture content in grain and our F D₇khac. Muk, -elev, prom  $(2b-no,3.70)^{-1}$  Mr  $^{2/9}$ 

White grain flist corn as valuable raw insterial for the food industry of P. Shmaracv, Dold, Alach, (c.P4), nauk (no. 9.15–19. 5–96).

## CORN (MAIZE)-DISEASE AND PEST RESISTANCE

Immunication of corn against common smut. 1, A, Estata-sheva. Trudy MISMH 56-66-68 *66

# CORN (MAIZE) -- DISEASES AND PESTS

Controlling click beetler and whewer rus in some fields. P. M. Marron - Trudy KESKHI 55:47-52 July.

CORN (MAIZE)—DRYING

Mobile machine for drying corn on the col., 5, thake 1, Muk -elev prom 26 no. 3,22 Mi *60.

System for nutomatic control of burners at the Belts, plant for the treatment of hybrid and contification seed. D. Muzur. Muk -elev.prom. 26 no. 141-24 Ap *60

CORN (MAIZE)-FERTILIZERS AND MANURES see

CORN (MAIZE) -- GENETIC RESEARCH acc subdivision under White Russia

Productive varieties and hybrid corn for it rights I was a G. D. Shman ney, S. V. Kuznetnov. Vest. sel'khor, nest H no. 12:27-32 D '66.

## CORN (MAIZE)-STORAGE

Methods for accountings in corn throshing operations should be changed. I. Bernshtein, Muk. - clev. proceed no. 3, 21-22. Mr. (60.

CORN (MAIZE)—VARIETIES (see also subdivision under Irkutsk Province)

Golodkovskii, V. L. [Systematics of corn, Zea mays I., or lith, geographical distribution, classification, and description of varieties) Sistematika kukuruzy, Ten mays L., propshlozhdene, geografieheskot rsprostrantale, sistematika i opisanie sortov, r.-shkent, Fun, 1966, 189 p. (DNAL)

## CORN AS FREED

Effect of community on physiological state and digestion through the cowngenior B.N. Nikitin. Trudy Inst. fiziol. N.K. Rizakh, SSR, 10, 57-43, 566.

### CORN OIL

1 (feet of profouged consumption of butter and corn oil on the the hole are roll content in 1 it blood serum. A.A. Vetteliko. Vop. pit. 25 no. 6.76-11 N-D 466

Wi-thion accounts on the manufacture of cannol and concentrated comproducts. P.G. Gorini, Konsal Section 17 no 13-15 Mr. 167 Changa in the physical and chemical properties of

haded and direct can gerts during conditioning. I. F. Browy. Kons. Low, prom. 194 no. 1 15-17. Ja. 167

### CORNCOBS

Hydrolysia of councils by means of percolation with diagrating flow. R.I. Ultimorshita, I.I. Korolikov, Shortud, NIGS 1136-41565

### CORONARY STEART DISEASE

Clanger in plasma all alt reserve and true urinary nodges in the came and its error and true uringly within in chromic coroning manifections during our stages A.D. Shehagurov. Shot nauch true SOGMI no 10 125-136. [6]

Changes in the vectoreal diopram in coronary insufficientic, V.S. Greatin, kindrologica 3 no 1 30-38 Jan. -F

Comparative evaluation of the apeutic methods in core nny disease A I Kintovertsey Trudy LPME 37,124-120 965

Diphenvlumine test and C-reactive protein in the diagnosts of coronary diagnose. O D Grigor lava "Trady LPMI 37,72-76 [65]

I fleet of "deportin" on coronary flow volume, oxygen the prior of the one of onary now volume, oxygen to opption by myoda dium and I -wave of electros at dioptim. M. I. Kobraldidec. Soeb. AN Gruz. SSR 44 no 3; 785-400 10 566.

Our objections to the surgical treatment of chronic coronary insufficiency by bilateral ligation of the internal thoracic arteries. F.N Meshalkin and others, hardfologitis 4 no.1977-89 Jan. - P 463

Salar syndrome in the clinical aspects of caronary insuffi-ciency V. D. Troshin Sov. med. 29 no 10 89-93

mount hemodynamic indices in patients with coronary manifetiency, V.A. Maledinov, Kardiologila 3 no. P. 20-24 Jun. - F. 463

Treatment of coronary insufficiency with retreaternal block of a potentiated effect—1 I Nermark, M. B. Fornelf, Say med 29 no 1961-05 N 966.

ther of attorned in the treatment of coronary atherosele-tors, V 5, Zadamchenko, boy and, 30 no 1 77-81

## CORONARY VESSELS-DISEASES

t ambination of lesions of the carotid and coronary artern s F Z Ustimova, P. F Drigo. Zhur nevi i psikh, 52 no B 1615-1647 52

## CORONARY VISSELS-INNERVATION

the mal regulation of the tomas of caronary vessels of A. Kondratovich, M. M. Povzlutiov. Bhilacksp biol. 1 med. 63 no.1,3-6 Ja - 67.

### CORPULCINCE

Cor pulmonale in adiposity (Pickwickian syndrome). B. B. Rogan, L. C. Danilick, P. M. Zlochovskii Sov. med 29 no 10 fd-86 () 466

## CORRELATION (STATISTICS)

territation method in the analysis of the factors of labor expanditure and means of agricultural production. A Bagatarit. N.T. Iv salchenko Vest selikhoz marki il no 12412-118 D '66.

100 12/112 110 11 'BD.

Correlation study of the effectiveness of specialization in a particular type of goods in the footwear industry, V.A. Afamas'ev. T.A. Gryzlova, Izv. vys ucheb. zav., telh kg. prom. no. 619-17 '66,

Statistical indices and industrial traumatism. A. G. Frid-non Rezop, truda v prom. H no 1,10-21 Ja 167.

Use of correlation analysis data in a linear programming problem [ A. Bazilevich, Ekon, i mat, metod. J no. 1:83-87 Ja-P 'b'.

the of the correlation method in determining the profitability level of lumbering enterprises. N. I. Kokarev. Les. burn. 1 der. prom. no. 3/103-108 166.

Using the multiple correlation method for evaluating the efficiency of the intensitiration and concentration of mining speciations, V.H.Sivyl, Ugoli 37 no 12:43-45

### CORRESPONDENCE SCHOOLS AND COURSES (see also subdivision under Sverdlovsk)

Flements of physics in an algebra course in the 7th - 8th grades of correspondence schools, - IU P, Arotin. Vech said, - hkola 4 no 551-55 S-O 466,

E pressive reading in correspondence schools. Norghib Vech, sied, shkoli v no, 5-78-79 S-O '66

Highly qualified specialists are trained here B. Almazov, seed spets obt. 13 no 7,23-25 Jl 66.

## CORROSION AND ANTICORROSIVES

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Anticortosive proporties of chromium coatings obtained m a cold tetrachromate electrolyte B. Sh. Shremberg Zhur prikl khun 31 no 6 1369-1371 Je 361

Correston inhibitors in the system hydrocarbons - aque-our solutions, V. F. Negrett, I. A. Mamedov, G. M. Abdullacta, Trud, Inst. khim. AN Azerb SSR, 20, 36-50

Corrosion presention by inhibited an V.T. Netroba Mashinostroitel' no 128-29 Ja 167

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l stunding corresion of underground equipment of wells. E.M. Tosunov, P.I. Kulakov, IA G. Spichakov. Neft. Phoz. 41 no. 11 H-44 N. 466

Passivation and destroying the passive state of metals T.P. Khor Zashch, met. 3 no 1:20-33 Ja-1 167 Protecting metals from corrosion N Cader, S Stame-nov Na stroi Ros 7 no 1:226 D 186.

Restoration and anticorrosion protection of an acid shop building E,V Makarov E A, Rubbakh Promistron 30 no 12 26-29 '61

Soluble wood far as correston inhibitor for ferrous metals. D V Zhellukhin, Gidrolis i lesekhim prom 15 no.5 11 My 162

study of the mechanism of action of some organic corresion inhibitor in cooling water media, V. F. Negreev and others. Trudy Inst. khim, AN Azerb, SSR 20 23-35

Studying correspon inhibitors of aluminum alloys in alkaling solutions and clay suspensions. V. P. Negreev. A. M. Klazimov, Z. M. Salami-Zade Izv. vys.ucheb zav , neft'i gaz 9 no 8:111-113 '66.

Studying the problem of heavy corrosion of the equipment of the acid unit due to the use of technical sulfuric acid in hydrolysis. E. A. Adamovich, V. A. Pfimov, M. M. Isacva, Shor trud, NIIGS 14:48-56 465.

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## CORROSION AND ANTICORROSIVES-CONGRESSES

Problems of correction, passivation and electrodeposition of metals at the 17th Congress of the International Committee on Electrochemical Thermodynamics and Kinetics held in Japan 1A, M, Kolutyrkin Zashch met. 3 no 1;122-123 Ja-F '67.

id International Congress on the Corresion of Metals V. V. Chubotalevskii Lakokias mat i ikh prim. no. 6 89-00 468

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### CORROSION RESISTANT MATERIALS

Basic principles in developing corn estent alloys N.D. Tomashov Zasheh met. 3 no 1:3-19 Ja-F '87. Corresion resistance of certain metallic materials in

molten aluminum I.B. Sci ebriakova and others. Zashch met 3 no 1:118-121 Fa-F '67

Testing corresion resistant materials in the media of fur furole-containing vapors and condensates, E.A. Adamovich and others, Shor, trud, NIGS 14:142-146

# CORTICOSTEROIDS

Analogs of corticosteroids. Report No. 14: Behavior of secondary acetoxy group in the acetylcyclohexanedicl acries. A.A. Akhrem. A.M. Moiscenkov. Izv. AN SSSR, Ser. khim. no. 12:2156-2151 '08.

Analogs of corticosteroids. Report No. 15: Interaction of 1-bromo-1-acctyl-2-cycloboxanol and its acctate with hydrazmecarbovylic ester, A. A. Akhrem, A. M. Moiscenkov, Izv. AN SSSR, Ser. khim, no. 12;2161-2167

Analogs of corticosteroids Report No. 16 Mutual transformations of isomeric 2-methyl-1-acetyl-1, 2-cyclo-formations of isomeric 2-methyl-1-acetyl-1, 2-cyclo-fexamediola A A.Akhrem, A. M. Moiseenkov Izv. AN SSSR Ser khim no. 1:103-109 Ja *67

Analogs of corticosteroids Report No. 17. Reaction of 2-mothyl-1-ncotyl-1-cyclohexene oxide with hydrazine carboxyle aster, A. A. Akhrem and others, Izv. AN SSSR, Ser. khim no, I 109-114 Ja 167.

Determination of corticosteroid secretion in dogs by using thin-layer chromatography. M.C. Kolpakov and others. Dokl AN SSSR 172 no.1;233-235 Ja 167.

Some e perimental and clinical data on effect of glucocurticoids and ACIII on organism SAA Licomenta and others VestsiAN BSSR Serbird nov no 480-86 (66

### CORTICOSTEROIDS-THERAPEUTIC USE

Controlsteroid therap, in glomerulonephritis -M/IA -Ratner and others  $-Sox,\,med=30\,$  no 1.27-35  $-Ja^{-1}67$ 

Treatment of gastric and duodenal ulcer with decaycorticosterone acetate S G, Vainslitein Sov med no 11 66-69 N '66

### CORTISONE

Cortisone therapy in the compound treatment of agranulucytosis E.G. Alferova. Shor nauch trud. SOGMI no 10 166-168 '61

### CORUNDUM-SPECTRA

Resonance absorption of V⁹⁺ ion in corondom, at wavelength  $\lambda$ = 1, 21 mm  $\Gamma$  V Vinegradov and offices  $P_1$ 5',  $\sigma$  red, Zhur, eksper i teoret fr' -4 no 9:373-376 N  $^{+}$ 66

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## CORUNDUM CRYSTALS-DEFECTS

Dissocation structure of  $\alpha$ -Al₂O₃ crystals M. A. Hushchenbov, K. V. Sauttskii Izv. v. s. ucheb. zav. fiz 9 no.6:114-115 '66.

### COSMIC RADIATIONS, RADIO-FREQUENCY

Coherent amplification of radio-trequency radiation in outer space. D A, Varshalovich Pist, wied Zhur, eksper, record fize in no 5 180-182 S to

Dependence of radio emission from barred galaxies on the shape of their central parts. G M Taymaslan Astrofizika 2 no.4,410-120 D 666.

Theory of coherent synchrotion radiation from cosmic tails sources, S A Kaplan Astrofizika 3 no 4 409-418 D 166

### COSMIC RAYS-SPECTRA

Upper boundary of cosmic ray spectrum. G.T. Zatsepin, V.A. Kurlmin. Pist, vired Zhur ekspir, riteoret fiz 4 no 3 H1-117 Ag 466

[The earth and the universe] Zemlia i Vselennaia Mo-skva, Znanie, 1986 285 p

Charge asymmetry and entropy of hot universe. IN B Zulldovich, I D Novikov Piet v red Zhin, eksper i teoret fiz 4 no 3:117-120 Ag 166

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## COST

On the two forms of necessary product and two kinds of cost, N. A. Moiseenko, M. D. Pliner Vest, L.GU 21 no. 23:5-11 '66.

### COST AND STANDARD OF LIVING

Espential differences between the city and village and fundamental problems in overcoming them S.Sdobnov. Ekon.sel'khoz 12 no.1,28-12 167

Fominykh, V.N. [The value of "invisible" income, public consumption funds and the growth of the material well-being of the people] Tsena "nevidinykh" dokhodov, obshchestvennye fondy potreblenila i rost material nogo blagosostolanila naroda. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1963, 50 p. (CSt-II)

## COSTA RICA-COMMUNIST PARTY

For a radical socioeconomic reform, for democracy, Oskor Vargas. Part, zhizn' no. 2:71-74 Ja '67.

## COTTAGE CHEESE—PACKAGING

Automatic unit for the packaging and wrapping of cottage cheese Inform biu) VDNKH no. 12 12 D *68.

Effect of ionizing radiation on the variability of cotton L G, Arutiunova, D. A. Musaev. Nauch, trudy TashGU no 210 43-68 162

COTTON—DISEASES AND PESTS (see also subdivision under Kirghizistan; Tajikistan) Tactics in controlling cotton bollworm, V Tanskii. Zashch, rast. 12 no. 1 23-24 187

### COTTON-FERTILIZERS AND MANURES (see also subdivision under Golodnaya Steppe)

Effect of naphthenic acids on some metabolism aspects and yield of fine-fiber cotton cultivated under different conditions of fertilization, T. B Bazanova, K. M Akopo-va Izv AN Turk, SSR Ser. biol nauk no 5:53-58 166.

### COLTON-PRUNING

Racy, B. G., and A. V. Vartaniants. [Mechanized pinching back of colton] Mechanizi or annula chekanka khlop-channka Tushkent, "Uzbekistan," 1966, 51 p. (DNAL)

### COTTON-TESTING

Technological evaluation of machine-hittested fine-fiber cotton. I I Smithol, F. V. I obtake a, F. K. Levina. Nauch rival trudy TSNIFHBI La 1903 g

### COTTON FABRICS

Method of determining the indices of the physical and remon of determining the indices of particle and mechanical properties of unfinished cotton fabrics on the basis of 1000m ing calculations. N.S. Eremina. Nauch siss trudy TSNB-HBI va. 1963 g. 270-308

COTTON GINS AND GRINING see subdivision under Uzbekistan

COTTON GROWING see subdivision under Tashkent Province, Uzbekistan

COTTON GROWING-LABOR PRODUCTIVITY see subdivision under Vakhsh Valley

### COTTON MACHINERY

(see also subdivision under Pikhtakor region, Uzbeklatan)

Technological testing of an automatic cotton in calling and jitching unit - V S Badalova, M V Shabanova, M I Boulsova - Nauch -15-sl trudy ISNIKHBI ca 1953 g 23-32

COTTON MANUFACTURE see subdivision under Cheboksary

COTTON-PICKING MACHINERY see subdivision under Uzbekistan

COTTON TRADE see subdivision under Azerbaljan; Turi menistan

### COTTON YARN

Ming starch substitutes in the sizing of cotton yarn, Mil Gerkuna, A V Bogorodskala Nauch -issl trudy TSNKHBI za 1904 g 308-320

### COTTONSEED

Transformations of phosphorus compounds in germinating and ripening seeds of cotton. M.Kh. Ibi agimo: Mauch trudy TashGU no 210 75-81 462

### COTTONSEED OIL

Detecting traces of anabasine in cottonsect oil by gas-liquid chromatography I R Lange, L N Lishtvanova, M I Goriae. Masi -/hir prom 32 no 11 34-33 N '66

Effect of cottonseed oil and lamb fat, subjected to thei mal processing, on polymestimated fitty and level in blood and liver of laboratory simuls. N. G. Popova, 1. R. Losfeva, M N Ismailov Vop pit 25 no 6 44-47

### COUMARINS-DRYING

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COUNCIL FOR MUTUAL ECONOMIC ASSISTANCE See Mutual Economic Assistance Council

### COUNTING DEVICES

Korof ov. A. M., and V.D. Mochalov. [Pulse counters us-in, misters] Schetchiki impul'sov na dinistorakh Mo-skia, Energija, 1966—103 p. (Biblioteka po avtomatike, no 211)

### COUPLING REACTIONS

Effect of sulfo group in azo coupling reactions of phenois.

I'ffect of the system of summer maintenance of cows on their productivity and some physiological in Heer-Mrashkov Dod PSKIIA no 45,187-162 179

### COWS-FEEDING AND FEEDS

I ffect of corn silage in rations for coves on the quality of dried milk. I. A. Radaeva. Dok! TSKHA no 15 107-112

I ffect of trace element supplements on the state of covis

ricet of trace element supplements on the state of covbefore delivery and the quality of offen m_b. D I Mannov Dolf PKHIA no 45:70-83 *50.

Passage of strontium-90 in the indk and skeleton of core absorbed with various freeds. N \ Kornery, \ N \ Sin often, \ N \ Burov \ Dokl \ Al \ d \ self-tho, \ nauk \ no 9 \ 37-79 \ 5 \ 766

Physiological conditions of cows fed silege rations with various sugar contents B.P. Hernsimovich, C.I. Hernsimovich, Vestsi N. BSSR.Ser sellhisp nav no 1,59-61 '86

### COWS-PHYSIOLOGY

Effect of partial bile removal and panercatic juice on milk production K T Tashenov, B N.Nikitin Trudy Inst fiziol, AN Kazakh SSR 10,75-80 466

### COYPU

Sexual dimorphism and seasonal changes in the peripheral blood of the nutria(Myocastor raypus). O. H.

Beznosenko, L. O. Salhansika. Dop. AN URSR. no. 7.958-961 162

### CRACKING PROCESS

(see also subdivision under Azerbaljan)

Acid platinum-zeolite catalyst for second step of hydrocracking A I Parshina and others. Nefteper i nettekhim no 12,17-20 66,

Mgorithm or gradient method in controlling catalytic reforming. B. A. Beltsov. Nefteper i neftekhlm. no.12:10-12 [65]

Chialytic cracking of heavy distillates as a source of petrochemical gaseous feed V S Aliev, V.S. Gutyria, Sh K. Kazimov Shor trud Az NII NP no 3 282-295 158

Effect of unsaturated hydrocarbons on tendency of dir sel-Huls to form precipitates on needles of atomizers B. A. Englin, F. G. Kuznetsov – Netteper, i neffekhim no. 10:7-10 - [66]

Experience in desulfuration of gasoline of thermal cracking E. A. Bugat and others. Nefteper increasible no 12:7-11 [66]

Obtaining higher mono-olefin hydrocarbons by thermal cracking of solid paraffins E.V. Lebedev, I.L. Provin Nuff ignz. prom. no 5, 11-15 S-O 466.

Possibility of using the products of the second recycle stock as 10" materials for pyrolysis. A.B Tertirian and others. Shor trud 32 NH NP no 3 126-143 *58.

Study of conversions of excloherane and cycloherene in the process of reforming in the case of pol oning of catalysts by thiophene G V Isaguirants, M A Rashenseva, Dorl. AN 855R 172 no 3-597-599 Ja 367

Ja '67 tidying composition of propine-propylene fraction V P. Zer shehikova, A Z Dorogochinskit Nefteptr, racitekhim, no. 8,41-18 '66

CRANBERRIES see subdivision under Leningrad Province

CRANE FLIES see subdivision under Carpathian Mountains

## CRANES, DERRICKS, ETC.

(see also subdivision under Krasnovarsk Hydroelectric Power Station region)

Assembly of bridge crones with use of building's structm al parts. M. Garevich, G. Kogan, Prom. strol. i inzh. 2001, 8 no. 6(31-38 N-D '66, 'ak fot 12-2801 crane (12-2608), M. Dymshitts, i Inzh. 2007, 8 no. 6(35 N-D '66,

electric excavator - crane. V. I Paniukhin hash. G. no. 12 5-7. D. Gi. Z-600 truck cranes. I. A. Loshal, N. K. V. T. Beilym. Mekh. stroi. 23 no. 12.

r cranes A. I. Gorbachev, Mekh, stroi.

L, A, Shustov. G. A, IAmushkevich, no.1:42 Ju '67.

[Selecting efficient parameters of the changes of tower clanes, a survey] nykh parametrov slstemy Izmenenila h kranov, obzor, Moskya, Nilinfor-ommunmash, 1965. 50 p. (Scrila l. rozhnyo mashiny)

of the design of the electrical drive of M.M. Perel'muter. Elektrichestvo 167.

tivity of double-branched columns using a computers. A. Dyrhovichnyi, rom stroi. 1 inzh, 2007. 8 no. 6:23-25

of builders. Inform, blul, VDNKH no. t;

sembled on the ground. A. Al'perovich, NKH no. 12-14-16 D '66.

Using a railroad crane in a sembling a mine hold. It I Negratekit. Shakht strof. 5 no. 11.25-27 N 161

## CRANES, DERRICKS, ETC. -BRAKES

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## CRANES, DERRICKS, ETC. -- PARTS

Calculating theloading of the rope of a grane horstend mechanism. R.P. Gerbennik. Vest mushdas ti. 17. no. 1.37-19. Ja. 167.

### CRANES, DERRICKS, LTC. -- RADIO CONTROL

Standard equipment for radio control of crasses, N.A., Kalimulin, I. S. Mikhellkevich - Bful, teleborotom index Gos nauch, -feel met nauch i teleborotom - 10 no 12 4-43 D. 166

CRANES, DERRICKS, ETC. -- SAFETY MEASURES Al'perovich, A.1. [Safety manual for erectors of construction lower cranes] Pamlatha po tekhalke heropasnosti dila montazhnika stroitel'nykh bashe mykh kranov, 17d. 3., peror i dop. Moskva, Stroitel'nykh 1966. 46 p. (Tekhuika bezopasnosti v stroitel'nyk)

Boloban, N.A. Safety manual for the operator of a tower craim? Pannialka po tekinike bergoismedi alli mashinista bashennogo kuan. Led. 3. Moskva, Strolledat, 1906. 33 p. (Tekinika bezopasnosti v stralit?). styel

increase the safety of operating steam boiler q > 000 h > 1 holating changes. Become trada v prome > 11 - 0.01 for > 13

### CRANES, DERRICKS, ETC. -TECHNOLOGICAL INNOVATIONS

The least efficiency promoter . At Molevic Rech transp.  $20^{\circ}$  no.  $7\,^{\circ}2\,^{\circ}2\,^{\circ}3\,^{\circ}31^{-1}61,$ 

### CRANIOLOGY

Some aspects of the somatic transformation of the cortex porary man G h Debits, Sovieta no. 2,4 Mr-Ap 164,

### CRANKS AND CRANKSHAFTS

Device for loosening exact of UR-1 mad pumps A/G dimov, N/P Domkarova. Neftingk (II/III) + (II/III)

Technology of the installation of crankshafts, 1 G. Stefaenku, K. I. Greishchenko – Flola Ftepl, 104 p. 19 no 12/22-23 D. 966.

Use of heat cronkshofts. I. Dependey. Tokh, v still to., 26 no. 12:83-84 D '66,

## CRASH INJURIES

Prophilogram method of determining the movement da retion of a track forming object beset on the particle of leatons on the body and clothing. A 5-14 old to Sad sanch ekopa to 9 no 344-16 O D (c)

## CRAWLER TRACTORS

Determining the coefficient of fraction of atrel space of oil M. G. Prigozhata Dokl 15kHA no. 1194 his the

Crayfish and utilization of its stock, S IA Buel Sa Ryb, khoz 4 1 no. 1,26-27 467

# CREATION (LITERARY, ARTISTIC, LTC.)

Remarks on creativity Karel Capel. Vop lit 5 1 3 " 156-166 S 161

Barkovskii, N.D., and K.S. Kartashova. [Credit plants: in the U.S.S.R.] Kredlinee plants ovanle v 544R. Proskva, Finansy, 1966. 242 p.

Lavrushin, O.I. [Credit and industry] Kredit I pramy sh lemost', Moskva, Finansy, 1967, 66 p.

### CREEP OF ALUMINUM

X-ray examination of aluminum substructure during creep. V. A. Pavlov. V. I. Shalaev. V. I. Shumita. Fromet. I metalloyed. 22 no. 1:590-605 O [6].

### CREEP OF COPPER

Creep of nickel, copper, and their alloys at higher formules. I. I. Ivanov, L. N. Bystrov. 179, AN Sould Medico, 1920-133 Jack. 467.

## CREEP OF MATERIALS

Calculating classically creeping gleder plates out to be by an elastically creeping toundation. C. bits most live AN Uz, 59R Servickia, and 10 no. 6 18-42 (12),

Extension of Maxwell's equation to theoretical santysts of expariments on transient direct and reversed trees of fiborgiass reinforced plastics. P. M. Ogilades 1. Timneva. Vest. Mosk. un-Sec. 1: Most. model. M. no. 6:121-125. N-D. 66.

Rabotnov, IV. N. [Creep of structural components]
Polzuchest elementov konstruktsii, Moskva, Macka, 1966, 752 р.

Topography of the distribution of unhalonced vocarty concentration in the mutual diffusion of two computer in creep. M. A. Kishtal, V. I. Strelkov. Dokl. AS SSSR 172 no. 3,576-679 Jul 167

### CREEP OF NICKEL

tures, 1 I be use, 1 N By drove 12v AN SSSR Mct n + 129 133 Ar-b 467

### CREEP OF SILVER

temperature creep. k. K. Ziling. Pi. net i metallo, ed 22 no 64941-635 D '66

### CRESOL

All ylation of phenols by bifunctional compounds. Report The factor of parties of undercontracting and algorithms for all plates of all plates

Cliths ate compounds of periesol with noble gases. Part 2 percesol compounds with legation and radion. A. M. Troffmore IV, N. Kronkin. Badrokhimita no 6:720-

Physico whem is all analysis of the triple system carbamide-m-kresol-o-kresol. I. M. Bolhovkin, V. G. theanokov I weyy rucheb law shere, has been been 6,122-126 (66)

### CRIMI: AND CRIMINALS

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criminal responsibility for anjust enrichment and pro-hibited business operations. V. Hiblev. Sots, taken. 38, no. 7,50-51. J.C. 66.

Organization and methods of the criminological inspection of administrative districts. A I. Mikhailov. Vop pred pred, no 3/17-53/466.

The use of local statistics in studying the factors which

The use of local statistics in studying the factors which but contributed to perpetration of criminal offenses A.Shillapochinikov, V.A.Sei (brukova, M.M. Babaev Vup pred., neet. no. 151-6). The wife of the prediction of the factor of the fa

We should'us be ferient to incorrigible criminals, A Krugfov Sots zakon, 30 no, 7:7-11 JE 61 \ Kruglov

### CHIME PREVENTION

face also subdivision under Kuliningrad Province: Kochevo District)

A conference on crime prevention. F Gorilak, G. Matu-iovikti Sota ankon, no 281-84 F 161.

Contdinated efforts of public prosecutors, courts, and agencies to the enforcement of law and order in the phone of raime prevention. V. K. Zvirbult. Vop pred pred. no. 1 56-82-56.

Organization and methods of the criminological inspection of administrative districts A. I. Mikhailov, Vop pred press, no 4 47-53 56.

pred, no 1 17-3 400.

Some problems concerning the activity of the local sovicts of win kearst departer and public-service organizations in the sphere of extrus presention. If V. Ruznetsova Vop. pred. pred. no 1110-123 466.

Work practice of notarial agencies in crime prevention-Soy, just. 30 no.21:13-14 D 166.

## CHIMEA-ABB (TREE)

Geographical distribution of mountain ash varieties in the Crimea, R. P. Popov, Liv. Krym old. Geog. ob-va no 6.115-120 *61

### CHMEA-BRINES

Obtaining reactive magnesium oxides from natural brines dreathed with the sulfite method. B. A. Shoikhet, F. M. Karands, A. I. Panteleeva, Trudy GIPKH no. 47; 35-16 162.

Using the soda method for obtaining burnt nagnesia for tubber compounds from natural brines. S. I. IAvorskii, M. M. Shimonovo. Trudy GIPKII no. 17:19-26 '62.

### CRIMINA-BROILERS (POULTRY)

The girls of the first plant, S. Makarov. Agitator 31 so. 1:30-37 F 167,

## CRIMEA-ECONOMIC POLICY

the years of the free plan, 1989-1985. I. T. Twi dokineboy. V. A. Rufin. Izv. Krym. old. Geog. ob-va. no. 6:195-167. [61.

### CRIMITA -- FERTH IZERS AND MANURES-- PRESERVA-TION AND STORAGE

Characteristics of manure storage in the south, A. S. Julin, A. A. Serbin, Zemfedelie 8 no. 4:31-30 Ap. 160,

CRIMEA—FORAMINIFERA, FOSSIL
Some species of Jurassic Foraminifera in the southeastern Crimes O.A. Hofman, Gool, 7hm., 21 no 2 97-

## CRIMEA-FRUIT BREEDING

Contributions of science to industry, K.V. Petrukhin, Kons. i ov prom - 21 no. 12/21-22 D 466.

### CRIMEA-GUIDEBOOKS

Shvets, V. N. [On the roads of the Crimea; guidebook for motoring tourists] Dorogami Kryma; sputnik avioturista. Simteropol', Krym, 1987, 143 p.

### CRIMEA-HISTORY

Population of the north-yestern Crimica in the ancient period A. R., Sheheglov Vest, they, ist no. 146-157, h6

## CRIMEA-INDUSTRIES

From the history of industrial development in the Crimea during the first half of the 19th century S A Sekirinskin, I'v Krym otd Geog obsva no 6 169-181 [6]

Organizing the management of the economy in the Clinical during the first years of the Soviet regime, 1917-1920 A.I. Nedelm 174 Keym old Geog chava no.6 185-114 161

### CRIMEA-LOGGING (GEOLOGY)

Time of recovery of rock temperature fields disturbed by budge V.V. Gordienko Geoffr shor no 17 al-96 fifth

## CRIMEA-MINERAL WATERS

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### CRIMEA-PALEOGEOGRAPHY

I and of early Quaternary vertibrates on the Tarkhankut Pennisula and its significance for the paleogeography of the Crimea P D Podgorodetskii Izv.Kryn.old, Geog ob-va.no. 6,31-41 [61].

## CRIMEA—RAIN AND RAINFALL

Intensive rains in the Crimea. D. A. Burtsov. Lv. Ktym. otd Geog. ob-va. no 6 30 1-205 161

### CRIMEA-REVOLUTION, 1917-1921

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1.1. Nedelin | Izv Krym eta Geog. ob-va no. 6 185-194 'GI,

## CRIMEA-RURAL CONDITIONS

We must master economic methods in guidance. N. Rus-nak. Part zhizni no 3 22-25 1 467.

### CRIMEA-RUNOFF

Generalization of data of maximum discharge of rain floods in Crimean steppes according to marks of high level water: E.V. Khloeva. Shor rab po gidrol no 6 32 - 36 166

## CRIMEA-SALINE WATERS-COMPOSITION

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### CRIMEA-SOILS-IODINE CONTENT

lodine in somel soils of the Russian Plain and Criteca. N G Zyrin, T Kh Imadt. Agrokhimita no 1:100-116 Ja '67.

## CRIMEA-STONE AGE

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### CRIMEA-STRONTIUM

Distribution and accumulation of strontium in Quaternary sediments and sallne water basins of Crimean sleppes. V.A.Suprychev, A.M. Pontzovskii, G.A. Kallian, Dokl AN SSR 172 no 3 892-695 Ju 467.

### CRIMEA-TUBERCULOSIS-HOSPITALS AND SANA-TORIUMS

Results of treating destructive forms of tuberculosis under the conditions of the southern coast of the Crimen S M Lebedeva Probl tub 44 no. 144-46 '66,

## CRIMEA-VEGETABLE BREEDING

Communications of science to industry K.V. Petrukhin Kons 1 ov. prom. 21 no 12 21-22 D *66.

### CRIMEA-WORLD WAR, 1939-1945-LANDING OPERATIONS

A landing operation in the Kerch-Feedosiya region, I. Markov. Voen. -lst., hur. 9 no 1:121-124 Ja '67.

### CRIMEA-WORLD WAR, 1939-1945-UNDERGROUND MOVEMENTS

Collecting and studying the documentary materials of underground movements. I. P. Kondianov. Suv. arkh. no. 5.71-74 166.

### CRIMEAN MOUNTAINS

Orographic scheme of the Crimea. V. G. Ena, IA. D. Kozin. I/v. Krym, old Geog. cb-va no. 625-20 '61.

## CRIMEAN MOUNTAINS—CONGLOMERATE

Hauterlylan-Barremian conglomerates in the eastern Crimes, T.I. Dobiovolisika, H.B. Saliman. Geol. zhur. 21 no. 1,08-74 161.

## CRIMEAN MOUNTAINS-GEOLOGY, STRUCTURAL

Physical properties and composition of magmatic forma-tions of the central part of Crimean Mountains, T.S. Lobadev, IU, P., Orovetskii, Geofiz sboi, no. 17; 62-80 '66,

Pressure inside satellite magma chambers; on example of the Cape Plak intrusion, Crimean Mountains, IU.P. Orovetskii, Geofiz, shor, no. 17 86-90 '66,

### CRIMEAN MOUNTAINS-HORNBLENDE

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## CRIMEAN MOUNTAINS-NUMMULITES

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Remarks concerning V. G. Kullchenko's article "Ige of nummulite limestone in the southwestern Crimea Mountains," B F. Zernets'kyr, H. I Hiemboy Geol "hur 21 no 2 114-115 [6].

### CRIMINAL ANTHROPOLOGY

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Procedural problems in the pretrial investigation of dis-orderly conduct cases. P. Perlov. Sov. nust. 30 no 24:

Why our courts often send murder cases back for additional investigation G Kocharov, F Berchebevskii, Sots, zakon, no. 2 22-24 1 167.

### CRIMINAL INVESTIGATION-STUDY AND TEACHING

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In the Supreme Court of the U.S.S.R. Sots, rakon no 2-73-76 1' 167.

I et's intensify our struggle against victous criminal offenses. Sots zaken, 38 no.73-6 Jl t61. Ways to strengthen socialist las and order, A.A. Piont-kovskii, Sov gos, i pravo no 1 32-41 la 187.

We should nt be lenient to incorragible er immals A Kiuglov, Sets zakon, 38 no 7 7-11 Jl '61,

## CRIMINAL LAW

(see also subdivision under Georgia; Ukraine)
The concept of "injured persons" in Soviet criminal law.
A. Ki, Kishiev. Izv. AN Azerb. SSR. Scr. ist., filos i
prava no. 3:109-115 '66.

Emily history of Soviet criminal law. V.Ivanov. Sov. iust. 31 no.3;il-13 F '67.

inst. 31 no.3;il-13 F '67.

More about the "maxed" form of guilt G. Kriger. Sov.
inst. 31 no.3;5-7 F '67

The retreactivity of "intermediate" cruminal laws. 1.1
Solodkin, Vest LGU 21 no 23 152-154 '66.

Russia (R.S. F.S.R.) Laws, statutes, etc. [Criminal
Code of the R.S.F.S.R. Official text with amendments
as of September 16, 1966, and supplementary materials
on the articles] Ugolovnyi kodeks RSFSR. Offitsal'nyi
teksi s izmenentiami na 16 sentiabri 1966 g, is prilozheniem postateino-sistematizirovannykh materialov,
Moskva, IUrid, lit-ra, 1966, 251 p.

## CRIMINAL PROCEDURE

(see also subdivision under Ukraine)
Content and motivation of rulings on sending court cases back for additional unvestigation. G. Omei'ianenko.
Sots, zakon, no. 2 25-27 F '67,

A court case was sent back for additional examination. V. Kuteinikov. Sov.iust. 30 no.24:26-27 D '66 Democratic characteristics of Soviet criminal procedure and protection of the injured persons' rights. G. A. Matevosian, Vest, obshchesty, nauk AN Arm, SSR no 4. 61-72 Ap 166

### CRIMINAL PROCEDURE (Continued)

Khar Toyse ir mundacheskir institut Kafedia ugolo nogo prava i protsess i, Indictment in Soviet ermilial procedure, ibstracts of a lecture course] Predame such v sovetslom undovnom protesse, konspekt lektsu Khar'lov, 1965 34 p (CSt-II)

The round layers as represent these of improving resons. It states that so much so not 2' 47 dd D bea

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### CRIMINAL PSYCHOLOGY

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## CRUSH SYNDROME

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## CRYSTAL CHEMISTRY

Constitution of minerals with intermediate ionic-covalent honding V.V. Zucv., lzv vys. ucheb, zav., gool, i razv., 10 no 153-59 Ja '67

10 no 153-59 Ja 167 Poral-Koshits, M.A., and E.A., Gilinskatz, [Crystal chemistry, advances in the crystal chemistry of com-plex compounds] Kristallokhumia, uspekhi kristallo-khimiti kompleksnykh soedinenti, Moskva, Akad, nau SSSR, 1966, 211 p. (Itogi nauki Serita Khimia) Akad, nauk

# CRYSTAL LATTICES

Calculating the rate of diffusion growth of a percent under applied stress. B. IA, Lubov. V. A. Solov'ev. Fiz. met.i metalloved. 22 no.6,865-870 D '66.

Calculation of the energy of stabilitation with crystalline inclined in take eighth hildes taking into account spin-orbital interaction. K B-IAtsimirskii, N A Kosti omina feoret i chapir khim. 2 no 3583-388 5-O '66

Contribution of crystalline field effect to oxygen energy bonding in oxides with spinel structure. N.N., Bulgalov. Rt., A. Borisov. Kin. i lat. 7 no 6:1007-1011 N.D. 466.

Coordination lattices of oudes of elements of additional subgroups and their enthalpy of formation, S. M. Arfra, Probl. sor i, Fluin, keed, seed, no. 1,183-211 '66

Correlation between the physical and mechanical prop-erties of diffusion coatings and their electron structure Porosh met = 6 no 12 92-94 D *66

Cristal structure of Mo2NiB) and analogous compounds, HUB kurima P I rapptlakevych, R. V. Skolozdra, Dop AN URSR no 10 1200-1293 [166].

Crystal structure of the rhombohedral modification of the YM; compound I I Zalutskyr and others. Dop. AM Y M₁ compound I I Zaluts URSR no 10 1287-1290 '66

Deformation of single crystils of iging Cu-Ni-Co alloys ...o. arroan or single crystals of iging Cu-Ni-Co allo with warrons structural constitutions — G. I. Nosova, N. I. Travina – Izv. and SSSR Met. — no. 1491-200 – Ji-F. 167

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For mation of brittle cracks in steel during twinning R. G. At one Fiz met i metallored. 22 no. 1,617-618

Josephson's effect during twinning with Z= 1 IU, M. Ivanchenko, A.V. Swidzinskii. Fizemeter metalloved. 22 no 1,619-621 O '66.

Nonlinear properties of crystal lattices G. M. Genkin, V. M. Pain, L. G. I Vshehin. Fig. tver tela 8 no. 11;3310-3319 N. '66.

Parlin'ski, K. [Dynamics of torsional vibrations of molecular groups in the crystal lattice] Dinamika torsiomykh kolebanii molekularnykh grupp v kristallicheskor reshetke Dubru, 1967 26 p.

Relation between microhardness and microbrittleness of high melting compounds and their cli Porosh met 6 no 12 95-99 D 466

Role of the formation of stable electron configurations, in forming properties of chemical elements and com-pounds. G V Samsonov Porosh nict 6 no 12 19pounds, C

Stable election configuration of atoms with incomplete d-, f-shells and physical properties of transition metals I F Priadko Poroshimet 6 no 12 61-67 D 466

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Structure sensitive plasticity of iton. A, 5, Drachinskii. V. N. Trefilov. Fir. met. i metalloved. 22 no. 6:911-015 D 466.

Studying ordering in ternary system alloys, B. G. I (v. shit), L. P. Chapi tova, A. S. Laleey (Lv., v.) ucheb (2av., chein met 10 no 1123-127 '67,

Studying the crystal structure of the IUNDK35T5 alloy in a state with optimum magnetic properties B. G. Livelnts, IA, L. Limotskii, Firmat i metalloved 22 no. 1;627-629 O 166.

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flicory of clasticity with sprtial dispersion. Phree-dimensional complex structures V. L. Berdichevskii, Peikl mat, 1 mekh. 30 no 6 1071-1080 N-11 466.

Theory of strain hardening of metals with a face-centered cubic lattice A L. Roitland. Pir. met. i metalloxed 22 no 6:945-917 D '66

Theory of the effect of transfer in crystals with porce, Electron and phonon scattering on porce, B. N. Ivanov, Teplotiz, vys. temp. 4, no. 6.875-877, N-D | 166.

## CRYSTAL LATTICES-DEFECTS

For mation of packing defects in tangeten crystals fused by an electron be an G.V. Dudko, A.P. Dostanko, O.V. Mittofinov Flek, oh., mat. no. 134-34 466.

Studying defects in the crystal structure of metals and alloys] Luchenie defektor ki istallicheskog sinoenia metallov i splavov. Klev, Naukova dumka, 1966—143 p (Respublikanski i mezhvedomstvonnyi sbornik—Seriia: Metallofizika)

# CRYSTAL OPTICS

Effect of constant electric and magnetic fields on the optical properties of monaxial crystals in which eventons are generated. IU. A. T% irko. Ukr. fiz. zhun. 1 no 5:651-663 S-O '59.

# CRYSTAL OSCILLATORS see Oscillators, Crystal

# CRYSTAL STRUCTURE

Secondary stresses during structural transformations S. D. Volkey, A. A. Vainshtem, M. L. Komissarova, Fiz. met.i metalloved, 22 no 6:823-827 D | 66.

## CRYSTALLINE LENS

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## CRYSTALLIZATION

Applying Biat's variational method in solving Stefan's problem. IU.A.Samodovich. Teplofiz.vys.temp. no.6:832-837 N-D '86.

Cisstillianion of an algot following electric slag is a large Report No. 2. IU. N. Atmasiev and other of the systemiology as a chief mater. 10 no. 1 of the bases

Crystallization of lasts, dundmin sulfate: Repeat No. 3. A. K. Zapollaku and others. Uki 4 hum. hum. 3. 1944. 1223-1227 166

fusic dution of care-earth metals and ytternin dura -Crystallication of the from lead inch. A.P. Balan, S.F. Gurslana, V.V. Serchrennikov, Trudy 1641-185

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I floot of hardening phase on primary recess still start of LHB7B alloy - 5.5 Corrldg, P. L. Rechat du - 1 -sys which zav , chem met, 10 mo.11B 111 hd

Garkavenko, N.L., and N. N. Lipatov [Methods for con-tinuous crystallization of lactose in curdled units with sugar | Sposoh nepretyvnoi ku Istallizatsii laktor) s sgushehennom moloke a sakharom — Moskva, Tallyll Pish heprom, 1965. 23 p

### [MICROFILM]

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Separation of crystalline glucose as a double call wh sodium chloride from sulfuric arid hydroly stee. S. Lebedev, M.N. Lisbet & no. A.A. Bunnil et a. Our trud, NHGS 11,203 215 465

Study in the field of the exystallization of polys (meth-Icne. O. V. Romani evich, A. V. Illeim, I v. V. 1911, 2 w. 464h, leg. prom. no. 6,63-64 / 766

Worling out a method for the cas sintification of chice. saft from sulfin teach hydrolymten, preparation of spars saft from sulfin teach hydrolymten, preparation of symposor crystall Pation, N. V. Lebelty and effect Short, and NIGS 1199-202-465.

### CRYSTALLOGRAPHY

Angular de pendence of terromognetic resonance fra per-tororbits in the intented plane of cultic crystals. IP M In a phtrochy of the term of cubic crystals. II 'M IA/over U. N Durdin | FD tyer tell Haw II | Inf-3410 N '66

Calculation of crystallication coefficients of case alkali

metals for poins thun infocults in pregnantics. I. P., Rishchilov. Geokhimila in 10/9/6-19/0/64. Conditions of formation and some properties of a security decayandates. A. A. Ivakin, N. I. Ipa (Pros. M. P., Glazyan). Zhu, neong Ehlm., 12/9/6-1/0/5-1. Ja. 16/1.

Dispersion laws for crystals with hexagonal systems (), N.V. Kudi factsevs, V.E. Stepanov – Ev. v.n. m. leb – fiz. 9 no 6:81-92 [66]

Effect of the initial crystallog applie orientation or to recrystalBration temperature of a wire product in molybdenum ningle crystals. P. M. Savilakii art (2) Dokl. AN 555R 172 m. 187-89 Ja. 57

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Prantiomorphic Fedorov grouph N. V. Helov, III. (1) Zapaliskaja Vest. Mond un Set. 1 Geol. 11 4 + c 8-16 N-D 466

Contophotometric study of crystal surface, V \ M 51 skii Min shor, 20 no. 4566 950 556

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Regular point systems of three-dimensional proof * as combination of plane nets, N.L. Smitnes v. 4.4 Par Shnova, Vest, Mosk un Sei 4 Geol - 21 no 6 H 45 %

Some characteristics of the formation process of (1, **) (some engagementation of the particular point  $p_{ij}(x)$  and  $p_{ij}(x)$  and  $p_{ij}(x)$  bearing preparative according to the particular and ranks  $M_i(M_i, I)$ . 

10. A. Simonov, T. I. Malinovskii. Doki AN 8980 171 no. 4 854-857. D. 467. Studying distribution of thermoelectric current in selection of anisotropic single crystals, L.I Pinchek, Ver, ti-zhar, II no 12 1411-1315, D. 186

Synthesis and crystal structure of SrWO₄ 1.N.De milancts and others Vest Monl. in Sci. 1 (1 ot - 21 no 6 37-40 N-D 466.

# CRYSTALLOGRAPHY—CONGRESSES

Fifth International Congress of Caystallographers, 11 Shafranovskii, B. B. Zviagin, Zap. Vses, min. ch v. 90 no. 1.121-123 161. International Feederov session on crystallography. It ii.

Kukovs'kyi, Geol. zhur. 19 no. 6 116 120 160.

Seventh International Congress of Crystallographe. 1.1 Shefranavskii Zap Vses.min.ob-va 95 no bi771-712

### CRYSTALLOGRAPHY, MATHEMATICAL-STUDY AND TEACHING

Same remarks on methods of teaching course of geometric crystallography III.G Zagailskaia, G.P. Livinskaia. Vest Mosk in Scr. 1 Geol., 21, no. 6, 16-50, N-D. hili,

### CRYSTALS-GROWTH

Possibilities of method of X-ray topography for studying that refer istics of creat d growth. I.V. Kahanovich and others. Min. shor, 20, no. 4-571-574-166

Rhythatesty in processes of crystal growth. N. N. Shef-Vest Mosk on Sci. 1/Geol., 21 no 6-28-36, N-D.

CUBA—COMMUNISM
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### CUBA-COMMUNIST PARTY

Visting Cuban Communists, V. Soldator, Part, "blen" no. 2:68-70 Ja '07,

### CUBA---DESCRIPTION AND TRAVEL

Vejans, Andris. [A green lizard; first visit to Cuba] Zilā klīzāchīr, pirma sastapsanas at Kubu. Riga, Liesma, 1966. 136 p. [In Latvian]

Visiting Cuban Communists, V. Soldatov, Part, rhizning, 2:58-70, Jul-167,

### CUBA-ECONOMIC CONDITIONS

Holiday of the island of freedom. Sov. professiory 23 no.1.10 Jul 167

## CUBA-EDUCATION

Chick in Studying, N. Palyvina Sombia i shkola 22 no. 1-34-36 Ja '57,

## CUBA-FOREIGN ECONOMIC RELATIONS-RUSSIA

So, let-Cuban trade A. Kaspin, Nov. vrem 25 no 9: II P 467.

### CUBA-FRUIT CULTURE

Intensification of fruit and grape culture in the Kuban. S. S. Leglostup, M. V. Gerasimov, Vest. scPkhoz. nauki ii no. 1153-56 66.

### CUDA-HISTORY

An aposite of Cuban freedom, A.G. Gidoni - Uch 749, - Roth -Balk gos un, no 27/76-92 (65)

### CUBA-MIDDLE CLASSES

Role of the Cuban bourgeoisie in the struggle for national liberation N. V. Podol'skii Vest, Lt. U 21 no. 23 85-94 'th.

### CIBA-PUBLIC HEALTH

Pidel Castro on the health of the people. S.1A, Chickin. Sov. med 29 no 11 136-137 N 166

## CUHA--TRADE UNIONS-OFFICIALS AND EMPLOYEES

People and events Kim Chung Won, Miguel Martin Perez Nov. viem. 25 no 5.12, 21 Ja 167.

## CUBA-VITICULTURE

Intensification of fruit and grape culture in the Kuban S.S. Leghostup, M.V. Gerastmov, Vest, sel'khoz, must 11 no 11:53-56 '66,

## CUBAN STUDENTS see Students, Cuban

## CUBATURE FORMULA

Berlyation of cubature formulae, and orthogonal polynomials. [ P. Mysovskikh. Zhur, vych, mat. i mat. fiz. [ no. 1, 105-189 Ja-F 167.

### CUCUMBERS see subdivision under Krasnodar Territory; Nezhin region

## CULTIVATORS

Attachment to a cultivator for cleaning weed control harrows: V. Pokarev. Tekh v sel'khoz. 27 no.155-

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Sectional cultivator paws. I.A. Nilovskil. Trakt. i sel'khoamash. 30 no. 3,35 Mr 180.

### CULTIVATORS-ELECTRIC DRIVING

Hand cultivator with electrical driving for vegetable gat dening, N. F. Miakishev. Dokl. TSKHA no 44:117-124 (50.

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### CHRIE POINT

Anisotropic Curie point, IU. G. Rudoi. Fiz.met.i metalloyed. 22 no.4:624-627 O '68 Effect of thermal e parsion on the singularity of finistic coefficients at the Curic point V M Konton such Plai V red Zhui eksper i teorit fiz 4 no 5 189-192 S 185

# CURRANTS—DISEASES AND PESTS (see also subdivision under Kharkov region)

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CURRENTS (HYDROLOGY) see subdivision under Apsheron Archipelago; Buku Archipelago; Caspian Sea: Rybinsk Reservoir

### CURVES

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Conjugated note and a tal systems of curves on a surface with projective connectivity. V.V. Havel, I. Klapka, Trudy TGU 181-34-12 465.

One-parameter family of curves, L. A. Zernyshkina, Trudy TGU 181:83-89 '65,

### CURVES, ALGEBRAIC

Rational points of one class of algebraic curves. V.A. Dem'ianenko, Dokl.AN SSSR 171 no. 6-1259-1260 D

Rational points of one class of algebraic curves, V A Demilianenko, Izv. AN SSSR Ser. mat. 30 no 6 1373-1396 166.

## CUSH-QUEENS

The "kdhe" and the surviving traces of the matriarchate in Cush. I. S. Katsnel'son Palest shot. no. 15:35-40

### CUSHING'S SYNDROME

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Recurrences of Itaenko-Cushing's disease following sub-total adminatestray, A.P. Kalinin, Sov. mrd 30 no.1:134-138 Ja '67,

## CUTTING MACHINES

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Calculation and measurement of optimal tightening of a diamond disk. S.N. Istomin, A. G. Patrafev. Stan, i instr. 38 no 1:26-28 Ju 167.

Device for cutting burrs on tires A. A. Shumov. Mashi-nostroitel¹ no.1:43 Ja ¹67

Ice cutting machine S, N, Korobeintkov. Sber. izobr. v ryb. prom. za 1961 g. :59-60.

Kvartenko, A.S. [Straightening and cutting machines for machining reinforcement steel rods; a survey] Pravil'no-dreznye stanki dila obrabotki sterzhnet armaturnot stali, obzor. Moskva, Nilinforematsi stroidorkommuniansh, 1965. 56 p. (Sorita 2 Oborudovants dila promyshlonnosti stroitel'nykh matertalov)

Machine for cutiling and coving pome fruits, N.G. Bugadze, Kons. i ov. prom. 22 no. 1:7 Ja '67.

Machine for cutting linoleum. M. N. Mikhailides. Stroi. i arkhit. Uzb. 7 no. 12;18-19 D *66.

Machine for cutting metal mesh. V. Gurevich. Prom. stroi, I inzh. soor. 8 no. 6:33-34 N-D '66. Semiautomatic device for cutting wallpaper, A. Rozenvalld, K. Bnidal, Na stroi. Ros. 7 no. 12:21 D 166.

Steam ice cutter. G.V.Tret lakov. Sbor.izobi v ryb. prom.za 1061 g. ;58.

### CUTWORMS-BIOLOGICAL CONTROL

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Effect of cobalt compounds on the deposition of vitamin B12 and cobalt in the liver and muscles of sheep. V V Roval'skii, A F Pen'kova Dokl, Akad sel'khoz nauk no. 9 29-32 S '66.

Some data on the exchange of vitamin B₁₂ in young hens as related to the type of protein nutrition with vitamin B₁₂ additions. IAn Chahmariuan! [Yang Chung-yuan] Doki TSKIM no.45,87-92 ¹59. Vitamin B₁₂, and effective biostimulants, inform, bid. VDNKII no.12 39 D ¹0.

### CYANOETHYLATION

Cyanoethylation of allyl alcohol over basic ion exchangers. S. D. Mekhitev. Z. F. Marmedov. O. A. Narimanbekov. Dokl AN Azerb SSR 22 no 9:25-28 '66.

### CYANOGEN---SPECTRA

I' perimental determination of the matri, element of the dipole moment of electron transition in the violet band system of cyanogen. F. M. Kudriavtsev. Trudy Fig. 188 43 74-149 166.

# CYBERNETICS

Method for determining primary structure of transport ribonucleic acids from their fragments. K.S. Kvinikhid-ze Soob. AN Gruz SSR 44 no 2:273-280 N '68

# CYBERNETICS—ABSTRACTS

[Journal of abstracts: Cybernetics] Ref. zhur. Kib. no. 2 67.

## CYBERNETICS-CONGRESSES

The First All-Union Conference on Economic Cybernetics, Ekon i mat, metod, 3 no. i 153-158 Ja-F '67,

CYBERNETCIS-RESEARCH see subdivision under Ukraine

## CYCLOBUTANE

Preparation of methylenccyclobutane, A. I. D'iachenko, M. IU. Lukina, Izv. AN SSSR, Ser, khim, no. 12, 2237-2238 '66.

## CYCLOHEXANE

Isotope exchange of cyclohexane with deuterium over aprayed metal catalysts A, A Balandin, B, S Gudkov, R M Fedorovich Izv. AN SSSR Sct khim, no 138-4!

Kinetics of cyclohexane dehydrogenation in a gradientless system Part 3. A. A. Andreev. D. M. Shopov. S. L. Kipei man. Kin i kat. 7 no.6:1092-1094 N-D '66.

Kinetics of cyclohexane dehydrogenation on adsorptive platinum catalyst. L. E. Martyshkina, Zh. V Sirol'ni-kova, V. P. Lebedev. Vest. Mosk.un Ser. 2; Khim 21 no. 6;21-24 N-D '66.

Synthesis of some alkylisopropenyl and alkylisopropylcy-clohexanes Sh.G Sadykhov and others. Dokl. AN Azerb SSR 22 no.9;35-38 ¹66

Synthesis of some 1,1-substituted 1-silacyclohexane, N.S. Nametkin and others. Dokl. AN SSSR 171 no. 6: 1345-1347 D '86,

### CYCLOHEXANEDIOL

Analogs of corticosteriods. Report No. 14: Behavior of secondary acetoxy group in the acetylcyclohexanedial series, A. A. Akhrem, A. M. Moiseenkov, Izv. AN SSSR. Ser. klulm. no. 12:2156-2161 '56.

Analogs of corticosteroids. Report No. 16: Mutual transformations of isomeric 2-methyl-1-acetyl-1, 2-cyclohexanediols, A A.Akhrem, A. M. Moiseenkov, Izv. AN SSSR, Ser. khim no. 1-103-109 Ja 167.

### CYCLOHEXANOL

Analogs of corticosteroids, Report No. 15: Interaction of 1-bromo-1-acoty1-2-cyclohexanol and its acetate with hydrazinecarboxylic ester, A A, Akhrem, A. M. Moiseenkov, Izv. AN SSSR, Ser, khim, no. 12:2161-2167

### CYCLOHEXENE

Hydrogenation of cycloherene and allyl alcohol on platinated silica gels N. H. Dmitt lenko, V. S. Boronin, O. M. Poltorak Vest. Yosk un Ser 2 Khum 21 no 6 106-Poltorak Ves

### CYCLOHEX ENEDICARBOXYLIC ACID

Stereochemistry of cyclic compounds. Report No. 68 

### CYCLOHEXENOL

Isomerization of 2, 4-dimethyl-2-hepten-6-yn-4-ol and James near no or 2, 4-0 methyl-2-nepton-6-ya-4-01 and (P, P, S-trimethyl-5-cyclohexen-6-yi)-3-methyl-1-hexen-5-yn-3-ol. K. o. Amstinov, N. E. Kolobova, G. K. Magomedov, Izv, AN SSSR Sci. khim. no 1212-214

Ja 167.

### CYCLONES

Intrusions of cold air in Azerbaijan within the system of central and slow-moving cyclones. I A Ismailov Trudy Azerb geog ob-va 3 71-78 '66

### CYCLOPENTADIENE

Dipole moments of some adducts of hexachlorocyclopentadiene and their derivatives. B.A. Arbuzov, A.N. Vercshchagin, I.S. Batyeva, Izv AN SSSR, Ser, khim. no.12,2080-2086 [66].

Hydrogen isotope exchange reaction of alkyl-substituted eyclopentadienyi manganese tricarbonyis in acid media A. N. Nesmeianov and others - Izv. AN SSSR Ser khim no 1 30-33 Ja 167.

Kinetics of structural isomerization of the adduct of nection of 5-methyley lopentadiene with maluic anhydride, V. A. Mironov and others, Izv. AN SSSR. Ser. khim. no 1242213-2215 '66

Photochemical reactions of cyclopentadienylniobium tetracarbonyl. A.N. Nesmeianov and others. Izv. AN SSSR. Ser Phim. no. 12,2231-2233 '66,

### CYCLOPENTADIENE-DIPOLE MOMENTS

Dipole moments and structure of some polycyclic deriva-tives of hexachlorocyclopentadiene B A. Arbazov, A. N Vereshchagin, E S Batyeva, Izv AN SSSR Ser khim no. 1 to-16 Ja 167.

### CYCLOPENTANOL

Catalytic conversion of 1-ethyl-1-cyclopentanol in the presence of hydrogen zeolites and analchine Kh I Areshidze, T, N, Cherkwiani, A, V, Dolidze. Soob AN Gruz. SSR 44 no. 2,297-301 N '66.

### CYCLOPENTENONE

2,5-Dimethy1-2-cyclopentcn-1-one. V. A. Mironov and other 8. Izv. AN SSSR, Ser. thim. no. 12:2211-2213 166.

## CYCLOSTOMATA (POLYZOA)

Recological and physiclogical adaptations of blood in Cyclostomata. P. A. Korzhuev, T. N. Glazova. Dokl AN SSSR 172 no 1,236-238 Ja ¹67

## CYCLOTRON RESONANCE

lon cyclotron resonance in dense plasma with hot elec-trons. L. V. Dubovoi, V. D. Diatlov, V. P. Fediakov Pist v. red. Zhur ekspet, i teoret ffz. 1 no. 10 188-393 N 166.

## CYLINDERS

Calculating a cylinder loaded with internal pressure along a part of its length A S Nikolich Vest, mashnostr. 47 no.1:31-32 Ja *67,

## CYLINDRICAL HARMONICS see Bessel's functions

Study of synthetic polypeptides. Report No 2: Trunsitions  $\beta$ -structure-coil into poly-S-carboxymethyl-L-cystefue following changes in pH medium and temper sturce. N. G. Illan ionova and others Biofizika 11 no 5:762-765 66

## CYSTEINE-PHYSIOLOGICAL EFFECT

Dielectric structure of a liver cell and its change under the action of radiation and cysteine, K,S Trinchor, A,A, Mikhailava, Radiobiologiia 2 no.4 523-529 162

### CYSTS

Case of a cystoid distension of the maxillary sinus. A. A. Gnutenko. Zhur. ush., nos. i gorl. bol 19 no. 6.77-78 N-D '59,

Cyst of the epiglottis, A.I. TSyganov. Zhur. ush., nos. i gorl, bol, 19 no 6:73-74 N-D 159

## CYTOCHROME OXIDASE

Some conditions of spectrophotometric determination of the activity of succinic dehydrogenase and cytochrome oxidase in mitochondria of the brain. G. P. Gulidova. I. N. Sorokina. Biul. eksp. biol. i med. 63 no. 1:91-41 Ja '67.

### CYTOCHROMES

Variability of cytochrome systems in yeast. V. G. Leo-nova, L. N. Mokhoya, N. A. Pomoshchnikova. Mikrobiologiia 35 no.6:844-950 N-D '66.

### CYTOGENETICS

Cytogenetic effect of radiation in man. N. P. Bochkov. Med. 1ad - H. no. 12. 45-52. D. 166.

Inhibitors of DNA and protein syntheses as mutagenic agents for mammalian cells in vitro 1 K. Shakhova, F. N. Jolkacheva, N. I. Shanho. Genetika no 12 25-3 N. Tolkacheve N I Shapiro Genetika no 12 25-35 166

Toxic effect of mammalian cell disintegration products ord effective media for studying somatic cril genetics in mammals in vitro A, F, Khalizev, O N, Petrova, N, I, Shapiro, Genetika no. 12 18-24 166.

### CYTOLOGIC DIAGNOSIS see Diagnosis, Cytologic

### CYTOLOGY

Election microscopic study of membranes and some specialized cell surface structures of all intoic cpithe-lium of chick cubryo L. V. Dandova, S. N. Seterneva Dok! AN SSSR 171 no. 4 981-984 D 166.

Konferentsila po probleme "Vzaimootnoshenila virusa i kleikl," Riga, 1965. [Virus and coll, materials] Virus Ikletka, [materialy] Riga, Zinatne, 1966. 308 p.

### CYTOPLASM see Protoplasm

CYTOTOXIC DRUGS see Antineoplastic agents

### CZECH LITERATURE-HISTORY AND CRITICISM

Sketches on Fi anscarpathia and their role in the develop-ment of socialist realism in Czechoslovakia in the thir-N.Kh. Kopystians ka. Inoz filol no 6,129-137 66.

### CZECHOSLOVAKIA-AGRICHLTURAL WAGES

Wage schedule in the unified agricultural cooperatives of the Socialist Republic of Czechoslovakia. IU.G. Evstigneeva. Dokl. Lood. VNIESKII no. 28:115-119-65

## CZECHOSLOVAKIA-COAL MINING MACHINERY

Coal mining in Czhechoslovakia with scrapor-plows and plows, V. P. Trufimov, E. T. Profavkin, V. M. Balykov Ugol' Uki. 6 no. 12,42-14 D '62

### CZECHOSLOVAKIA -- COMMUNIST EDUCATION

Some theoretical problems of developing a world outlook in secondary school students. M. Rozenzveig. Sov. pedag. 31 no.191-103 Ja 167.

### CZECIIOSLOVA KIA-COMMUNIST YOUTH

"Whom am I following?" Ludvik Esner, Mol. komm. no. i 12-15 '66,

### CZECHOSLOVA KIA-CORROSION AND ANTICORRO-SIVES-TESTING

Scientific basis for rapid atmospheric tests and their applications in Czechoslovak Socialist Republic. D. Chermakova, K Barton' Zasheh met. 3 no 1,34-37 Ja-F

## CZECHOSLOVAKIA-CRIMINOLOGISTS

Some problems in the development of criminological studies in socialist Czechoslovakia L Subert Vop pred, prest no. 1 171-187 186

### CZECHOSLOVÁKIA-DESCRIPTION AND TRAVEL

Encounters with Czechoslovskia, I, Radvolina, Nov. mir 38 no 10·191-216 O '62,

## CZECHOSLOVAKIA-FINANCE

Dostal', A.A. [Socialist reorganization and development of the monetary-credit system of Czechoslovakia] So-tsialisticheskoe preobrazovanie i razvitle denezimokı editnol sistemy Chekhoslovakii, Moskva, Nauka, 1967. 164 p.

### CZECHOSLOVAKIA-HISTORY

K. Gottwaki's role in carrying out the revolutionary line of the Czechoslovak labor movement. A.I. Nedorezov. Soy. slav. no. 1:28-31 67.

### CZECHOSLOVA KIA---INSTRUMENTS

Instruments from Czechoslovákia in Erivan. Prom. Aim. 9 no. 11.76 '66.

## CZECHOSŁOVAKIA-MOLLUSKS, FOSSIL

Trin to Czechoslovakia. P. L. Merklin. Biul. MOIP. Otd.geol 36 no 3 153-155 My-Je

### CZECHOSLOVÁKIA-MUNICIPAL SERVICES

Housing and municipal services for workers in Czechoslovakia, IU. M. Safronov. Gor. khoz. Mosk, ii no. 1:10-13 Ja '67.

# CZECHOSLOVAKIA-PRECAST CONCRETE CONSTRUC-

Elements of large-panel apartment houses in the Czechaslovaktan Socialist Republic. A. Lauko, A. Kratokhvila. Bet. I zhel. -bet. no. 12 563-568 D '61.

## CZECHOSLOVAKIA---PUBLIC PROSECUTORS

Encounters on Czechoslovak soil. S. Gusev, G. Terekhov. Sois, zekon. no. 2:58-59 F '67.

### CZECHOSLOVAKIA-REFRIGERATION AND REFRIGER-ATING MACHINERY

Refrigeration industry in Czechoslovakia. B. Vanek. Khol. tekh. 43 no. 11:53-54 N '66.

### CZECHOSLOVAKIA--RELATIONS (GENERAL) WITH RUSSIA

News stories on Russia in the first Czech newspapa. A.S Myl'nikov. T. A. Myl'nikova Sov. Blav. no 1880-

### CZECHOSLOVAKIA-ROADS, CONCRETE

Design of coment concrete pavements in Czechonio vikia Karel Kuchera, Avi dor. 24 no. ii 28 io N isj

### CZECHOSLOVAKIA-STONE AGE

Principles of the stratigraphy and periodization of the Paleolithic in Czechoslovakia. K. Zhebera - Trialy Ki., cnetv.per, 18,25-39 (6)

### CZECHOSLOVAKIA-SUGRA BEETS-DISEASES AND PESTS

Pozhar, Z.1. [Virus diseases of sugar beets in Crecho slovakia (diagnosts and controlling methods), report of the Soviet agricultural delegation] Virusnye belezni sakharnoi svekty v ChSSR (diagnostika t metody bor'h,), otchet sovietwkoi sel'skokhoziaistvennoi delegatati. Moskva, 1906. 20 p. (Sel'skokhoziaistvennata nauka i praktika za rubozhom, no. 9(46)) (DNAL)

### CZECHOSLOVAKIA-VISITORS, RUSSIAN

Encounters on Czechoslovak soil. S. Gusev, G. Ferekt ... Sots, zakon no. 2:58-59 P '67.

## DDT (INSECTIONE)

Effectiveness of DDT and sevin in controlling colling morth and their residua quantities in fruits N.I. Petrodiana and others. Khim v sell khoz. 5 no 173-26 ja 07.

Diffectiveness of the treatment of sugar beet spreading a with DDT in operations, polychlox opinone, and their compounds. N. A. Teren. Trudy KESKH 55470 85 ber

Inorganic tubrication of separating frame I silden in FBT poisoning [18, L. Braude, Vop. pit. 25 no. 5:76 M D 166.

### DACRON

Use of trially Heoryanurate in the acturation compands for layean. N. V. Bellaeva and others. Kamb. 1217 26 no. 1 33-35 167.

### DAGHESTAN--antiquities

Kotovich, V.M. [The upper Gunth settlement, a monu-ment of the Bronzo Age of mountainous Dagheston, a trament of the Breize Age of mountainous Dagmesta, a cost tribution to the history of Daghestan telles of the task of the third and second millenia B.C.] Verklaregouth the poselenie – pamiatnik opokhi bronzy goznoto Digestana, k istorii dagestanskiki plemen v kontse III-II tysiacheletilakh do n.e. Makhachkala, Akada nauk SSSil, Dagestanskii filial, 1905. 256 p. (CSL-II)

## DAGHESTAN-ARCHIVES

Rapid development of archival work in the Digheston A S S R. M R. Dzbabrailov. Sov. arkh no. 5 /6 2-166

DAGRESTAN—EFFICIENCY, INDUSTRIAL Scientific labor organization in enterprises of "Dynastic-razvadka" Trust, U. Dorofeeva, Neffianik II a. 6 29-30 Ag '56.

## DAGHESTAN-HISTORY

Balmuraacy, A.B. [History of social thought in Daglestian in the second half of the 19th century] Later it obshchostvennot mysit Dagestana violot polovby XIX veska. Makhachkala, Dagestanskii filial AN SSSR, 1965

# DAGHESTAN—PALEONTOLOGY, STRATIGRAPHIC

Possibility of presence of Lower Turonian in Pagle-ten R. A. Khalafova, F. C. Sharafutdinov, K. G. Sampabil (* Izv.vys.uchab.zav.; noft' i gaz = 0 no.615-17 db.

## DAGHESTAN—PEAS

Growing of green peas in Dagheston, D. R. Fogotta Kons, i ov. prom. 17 no. 3:25 Mt +62.

## DAGRESTAN-PHYSICAL GEOGRAPHY

Physicogeographical complexes of the mountains of part of Daghestan. A. E. Fedina. Vest. Mook, to Cri. 5: Geog. 16 no. 1:18-5: Ja-F *61.

### DAGHESTAN-PROSPECTING

Scientific labor organization in enterprises of "Dagorita-razvedka" Trust, U. Dorofeeva, Nefthnik II so 8 29-30 Ag '66,

# DAGHESTAN-ROCKS, SEDIMENTARY

Lithological and petrographic characteristics of Aprilersa acdiments in Somm River region of southern Dighesta. A. A. Galina. Izv. vys. ucheb. vav.; noft* 1 ga4 4 no 8. 9-11 '06.

## DAGHESTAN-VEGETABLES-STORAGE

What is more expedient? I, klepitskii, Zakup, sel'k' w, prod. no. 11:41 N '86,

## DAIRY BARNS—EQUIPMENT AND SUPPLIES

Mobile machines on dairy forms, V. Agarkov, Fello, v sellkhoz, 27 no.1,24-25 167,

### DAIRY CATTLE

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Ensilage as feed of cove and the quality of milk, B,N Nikitin, Trudy Inst, fiziol, AN Karakh SSR 10 172-176

### DAIRY CATTLE BREEDING

Biological nature of purebred and  $\alpha$  resulted cattle. D. A. Argumanian. Dokl. ISKHA no. 45.5–18. [50]

hereasing the butter at content of black and white cattle In part breeding A.D. Villehynaki. Vestsi AN BSSR. Ser sellhasp nav no 4:120-133 '66

DAIRY INDUSTRY see subdivision under Kherson Province; White Russia

### DAIRY PRODUCTS

On the new products and the quality of milk, N. Lipatov Zakup, nctiskor, prod. no. 8 57-50 Ag 466 Use of dairy products in the production of baked goods, LA Gon. urova, P Sair Khith I kond, prom. Il 1, A Gaulurova, P Saur no. 1,37-39 Ja 167,

DAIRYING-ACCOUNTING see subdivision under Dul'durga District

DAIRYING-LADOR PRODUCTIVITY see subdivision under Moscow Province

# DAL', VLADIMIR IVANOVICII, 1801-1872

The work of his life, on the centenary of the publication of V I Dilla dictionary. Vest Mosk un Set. HiZhur. 21 no. 6:18-26 N-D 466

### DAMPING (MECHANICS)

Damping vertical vibrations of locomotives with frictional dampers Vi. Kal'lanov, Vest ISNII MPS 25 no. 7 27-31 166.

Determining the damping properties of blade materials and blade designs. K. A. Prokoffer, IU. A. Vidlokin, Freegomashinostroene 6 no 10 13-16 O 150.

I ffect of elasticity of axle box to frame connections on wavelengths of walbling of trut's, V.N She stavov Vest TSNH MPS 25 no. 7/32-36 166

## DAMPNESS IN BUILDINGS

Flectroosmotic methods of drying walls and preventive measures to eliminate dampness, B. V. Matveev Pre-strut 39 no 12,20-34 '61.

(see niso subdivision under Inguri Hydroelectric Power Station; Volga Hydroelectric Power Station (22d Congress of the CPSU) )

Use of the regularization method in the calculation of arch dame. V. A. Morozov, V. F. Ivanishehev. Vych. met. i prog. 5,171-186 [66].

DANCING - CHILDREN'S DANCES see subdivision under

DANTE ALIGINERI, 1265-1321 Inlashov, N.I., I.N.Golonisichev-Kutuzov, and A.D. Mishatley, edg. [Dante and world literature] Dante I vsemirnata literatura, Moskva, Nauka, 1907, 254 p.

### DANTE ALIGHIERI, 1265-1321—TRANSLATIONS, UKRAINIAN

Dante in Ukrainian it salations. O. A. Dombrovs kyi. Inoz. filol. no. 6:110-128 [66].

## DARIO, RUBEN, 1867-1916

Ruben Dario. V. Stolbov. Nov. vrem. 25 no. 6:28 F 167.

## DARVAZA RANGE-FRUIT TREES

Some botanical and geographical characteristics of subtropical fruit trees of Darvaza Range. I. G. Chukavin. Iz., Otd. biol. nauk AN Tadeh. SSR no 3:20-31 166.

## DARVAZA RANGE-WOODY PLANTS

Trees and shrubs of southern slope of Darvaza Range and their participation in vegetation. I. G. Chukavin, lzv. Ctd. biol. nauk AN Tadzh, SSR. no. 1:21-35 '66.

## DASHKESAN REGION (AZERBAIJAN)-MAGNETITE

Some characteristics of geochemistry of titulous-mag-neifte tuffaceous facies of Dashkesan. R. A. Martirosian. K. A. Panakhi. Dokl. AN Azerb. SSR 22 no. 9:73-77 55.

## DASIIKESAN REGION (AZERBAIJAN)—VOLCANIC ASH, TUFF, ETC.

Some characteristics of goochemistry of titanous-mag-netite tuffaceous factos of Dashkesan. R. A. Martirosian. K.A. Panckhi Dokl. AN Azerb. SSR 22 no. 9:73-77 166.

# DASHSALAKHLY REGION (AZERBAIJAN)—ANTIQUITIES

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The way to eliminate the surviving traces of inequality of Soviet women in everyday life A.S. Lysakova Uch 1ap Syer.gos.ped inst no 35 152-167 166

### DEAF-EDUCATION

Gol'dberg, A.M. [Characteristics of independent written language of deaf students (2d-4th grades)] Osobennosti samosloiatel'noi pis'monnoi rechi glukhikh shkol'nikov (II-IV klassy), Moskva, Prosveshchenie, 1966, 238 p.

### DEAFNESS

Comparative evaluation of various methods for treating baryecola in otosclerosis K, L, Khilov Zhur ush., nos i gorl bol. 10 no 1:5-9 J1-Ag :59

Case of sudden death caused by sarcoma of the heart P.P.Petrenko Sud -med ekspert 9 no 4 53-51 O-D 166

Significance of cysts of choroid pictuses in sudden death. A A, Lukash Sud -med ekspert 9 no 416-19 O-D 66

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# DEBALITSEVO (DONETSK PROVINCE)-MACHINERY

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### DECARBOXYLASES

Heterogeneity of Salmonella enteritidis population in respect to decarbovylase activity, N. M IUditskaia Zhan, mikrohiol, , epid, t immun 44 no 158-61 Ja 167.

DECIMAL CLASSIFICATION see Classification, Decimal

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### DECORATIONS OF HONOR

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### DEEP DRAWING (METALWORK)

Determining contact areas during heading of bottoms. V I Zalesskii, A. G Kobelev, F. A. Kolmakov, Izv. vys. ucheb /av., chein. met. 10 no. 1104-109 '67,

### DECP-SEA MOORINGS

Calculating displacements of anchor slabs in mooring structures, O.A. Ambarian, Transp. strci. 16 no. 4.

Effect of deer on reforestation. D. V. Vladyshevskyi Lis. hosp., lis., pap. i dei. prom. no. 1 20-22 Ja-F '67.

## DEER-PARASITES see Parasites-Deer

## DEFENSE (CRIMINAL PROCEDURE)

Collected forensic orations of defense counsels. K.Osirpov. Sov.iust. 31 no.3:16 F ¹⁶⁷.

## DEFORMATIONS (MECHANICS)

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Analysis of temperature and speed dependence of yield limit and flow six eas in armee from in the low tempera-ture range. D. G. Ryvkin, V. D. IAroshevich, Fiz. mct. 1 metallowed. 22 no.6:309-916 D ¹66.

Applicability limits of the slip line method in pressure working of metals. V.S. Smirnov, V.A. Lunev. Trudy LPI no. 260:43-45 '65

Axisymmetric dynamic problem concerning a stamp on an clastic half-space. V. B. Poruchikov. Vost. Mosk.un. Ser.i: Mat..mckii. 21 no.6:114-120 N-D 156.

Calculating multispan suspension bridges taking into Consideration deformations of system. I. S. Durov. St. of. mekh. I tasch, soor. 9 no. 1,21-25 '67. Calculation of the lateral deformation of "P" type heavy

duty tires. V. N. Prashchikin. Kauch, 11ez. 25 no. 12, 33-34 *66.

Carrying capacity of reinforced concrete slabs weakened by openings. R. V. Zinovieva, S. M. Krylov. Stroi. mekh, i rasch, soor. 9 no. 1 28-30 187.

Causes of damaging of reinforced concrete supports of rotary coment bilms. V. Podol'sbit and others. Prom. stroi i inzh. sour. 8 no 6 3-5 N-D '66.

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Change in shear modulus of deformed nickel in magnetic field. V A Framul Doka AN RSSR 10 no 11 856-858 N 460 Complex study of parameters of the rolling process with steads relative reduction. IU M Chizhikov, Shor, trud TSNICHM no. 44 151-16 460, Deformation of fiber glass during repeated static bending, S. F. Glazov. Plast maney no. 1 58-61 467.

Designating-shaped elliptic plate for minimum weight F G Shamiev Izv AN Azerb SSR Sci fiz tekh i mat-nauk no 1,23-27 '66

Determining coefficients of deformation during rolling in breakdown passes N Kh Davirbekov Trudy LPI no 260 46-19 765

Determining deformation limits during tube drawing without mandrels. IU I' Shevakin, P V Savkin, V kh. Kastian Iv vys ucheb zav , chern, met. 10 no 1 114-117 197.

Effect of creep and aging on stability of compressed rods. 1. E. Prokopovich. Strol mekh i nasch soor. 9 no. 1. 5-9 '67.

Effect of plastic deformation and aging on mechanical proporties of Al-Mg alloys N. N. Belousov and others. Fiz.met i metalloved 22 no 6:904-908 D 166

Effect of plastic deformation on physical properties of iron-nickel invars alloyed with titanium A. M. TSeitlin. V. IA, Zubov. Fiz.met.i metalloved. 22 no 6.917-923 D '86.

Effect of the structural parameters on the resistance against lateral deformation of car tires. B IUrkovskir Kauch, 1 rez 25 no. 12 35-37 166.

Improved methods of determining transverse deformations of metal during rolling in breakdown passes N.Kh Davil'bekov, A.K. Grigor'ev Trudy LPI no 260 55-59

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Investigating strength of pipes with protective coatings when undergoing deformation, G \ Chasov Neft khoz 44 no 11:37-41 N '66

Isotropic and anisotropic changes in electric resistance, thermo-e, m.f., and Hall coefficient following plastic deformation in hismuth. V.I Prokeshin Dokl. AN BSSR 10 no. 11.659-863 N '96

Localization of deformations in the process of high-temperature creep K.K. Ziling. Fiz. mct i metalloved. 22 no.6;931-935 D ¹66.

Mechanical equation of state. V. A. Likhachev. V. I. Vladimirov. Fiz met i metalloved 22 no. i,511-519

Method for studying propagation of plastic deformation under dynamic loading, V.P.Severdenko, R.L. Ryzhkovich, Dokl. AN BSSR 10 no.11 647-848 N '66.

Methods of studying bulging forces during sheet-metal voolk, V. V. Gubarev, S. A. Rastopchin Ivv. vys ucheb, zav., chern met. 10 no.1.110-113 '87.

Plastic defromation of crystalline ammonia, D. M. Bol-shurkin, A I Prokhvatilov, T. V Silvestrova Ukr fiz zhur II no 12.1373-1377 D '66

Problem involving the passage of a lingitudinal wave thi ough a pulley. F.D. Treimurov. Izv. AN Azerb SSR. Ser. fiz -tekh. i mat. nauk no. 4:37-42 '66

Propagation of a crack having a shape nearly circular in the plane V.V.Panasiuk, Dop AN URSR no 7 891-895 162

Properties of carbon rail steel and 40KhN steel following hardening and quenching and isothermal treatment, M. V. Pridantsev, A. G. Nikonov, Izv. AN SSSR. Met. no. 1.97-104 Ja-F 167.

Residual deformations following the deep impression of a stamp into a brittle por ous medium. I. Dokl, AN SSSR 171 no. 4:844-848 D 166. I. I. Cherkasov

Residual deformations of a rod with a nonuniform coeffi-cient of thermal expansion under cyclic heat conditions. ciont of thermal expansion under cyclic near continuous.

A. M. Koscylch, I. N. Kibets, I. D. Sheptovitskii. Fiz.
met.i metalloved. 22 no. 6;816-522 D '66.
Role of twinning in the process of the piastic deformation
of titanium. L. P. Odinokova. Izv. AN SSSR. Met. no i:
134-139 Ja-F '67.

Simultaneous effect of plastic deformation and aging on structure and properties of TS6 titanium alloy. R. M. Lerinman and others. Fiz.met.i metalloyed. 22 no.4:591-597 O '66.

Stability of a cylindrical ring reinforced by a flexible cable. G.G. Aliev. Izv. AN Azerb SSR. Ser. fiz. -tekh. i mat.nauk no.4:35-36 166.

Study of the effect of the drop of relative humidity of the air on the deformation of leather parts during the manufacture and storage of footwear. G.S. Klimchuk, IU. P. Zybin. Izv. vys. ucheb, zav. ; tekh, leg. prom. no. 0:95-99 '66.

Studying deformations and crack formation in thin chromium foil V.I.Trefilov. S. A. Firstov. Fiz. met.i metalloyed. 22 no.4;511-618 O 168.

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- Producing styrene by the depolymerization of tesins based on the products of petroleum hydrocarbon pyroly-27-30 '167,

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Research on immunity in cutaneous leishmaniasis Report, No 2 Local allergic reactions and the survival of bort, No 2 Local and gradualists atton of Leishn unit teopica major to immune persons O I Kellina Ma parar-1 parar bol 35 no 6 679-686 N-D 166

### DELIBITIM

- Antitoxic function of the liver in alcoholic delitrum M Sharranova, Trudy Gos nauch -1541, inst psikh 26 330-334 [6].
- Dynamics of oxidative processes and vegetative disorders m alcoholic deth ium | TS, P Korolenko Trudy Clos. nauch -issi inst, psikh 26 325-329 161

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### DELIVERY OF GOODS (LAW)

- Acceptance of perishable goods. M. Margolin. Sov just. 10 no 24,8-9 D G6
- Decisions of arbitration agencies. Sov just. 30 no.24. 29 D 186
- IAkovieva, E.M. [Development of contractual relations in the state industry of the U.S.S.R. (or supply and delivery, 1947-1937] Razvitie dogovornykh sviazel gosudarstvennol promysilennosti SSSR po snabzlienitu i sbytu, 1917-1937 gg. Dushanbe, Infon, 1965. 445 p.
- Special features of some forms of the delivery of goods. F. Sikum, I Taits Sots taken. 38 no 7 18-19 Jl 181.

### DEMIN, MIKISAIL

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### DEMOGRAPHY—CONGRESSES

Current problems of the theory of the population are on the symposium agenda S Alchev. Vop.ekon no.1: 150-160 Jn '67.

Ways for reducing the demuitage of ships. S Znamen-skii Rech transp 20 no.7:10-11 Ji '61.

### DEOXYCHOLIC ACID

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## DESCRIPTIVE GEOMETRY see Geometry, Descriptive

## DESIGN. INDUSTRIAL

- Nevzorova, G. V., and S. A. Solomonov. [Some problems of method in artistic designing] Nekotorye voprosy metodiki khudozhestvennogo konstrui ovanita, Loningrad, Znante, 1996, 38 p. (Loningradskii dom naucimotekhutcheskoi propagandy Seriia "Tekhnicheskala
- Povileiko, R. P., and F. I. Shekhvits. [Proportions in industrial equipment, experimental lecture for students specializing in design and construction of the Mechanical Engineering Department of the Novosibirsk Electrotechnical Institute] Proportsii v iekinike, eksperi-mental'naia lektsiia dlia studentov konstruktorskikh spelaial'nostei mashinostroitel'nogo i priboi ostroitel'-nogo (akul'tetov Novosibirskogo elektrotekhnicheskogo instituta. Novosibirsk, Novosibirskii elektrotekhn. in-t, 1965. 147 p. illus.
- Technical aesthetics and perfect organization of produc-tion. From. Bel. 10 no. 2:38-39 F 167.
- DESIGN, INDUSTRIAL-VOCATIONAL GUIDANCE Development of the students' constructional ability, C Braslavets Shkola i proizv. 10 no.10:16-17 O '66

### DESORPTION

- Effect of electric field on chemisorption of molecules on the surface of germanium V. I. Liashenko, A. A. Sabu, I. I. Stepko. Kin. i kat. 7 no. 6:1095-1098 N-D '66.
- Thermodesorption of alcohols and ethers from aluminum oxide surface. V. I. IAkorson, L. I. Lafor, A. M. Rubinshtein. Izv. AN SSSR, Ser. khim. no. 1:200-201 Ja 167.
- Thermodesorption of substances from a heterogeneous surface. V. I. IAkerson, Izv. AN SSSR, Ser. khim, no. 1: 201-205 Ja '67.
- Thermodescription of substances from a homogeneous surface, V. I. IAkerson, V. IA, Daniushevskii, Izv. AN SSSR, Ser. khim. no. 1:202-203 Ja 167.

DESULFOVIBRIO-CULTURES AND CULTURE MEDIA Study of constructive metabolism of sulfate reducing bacteria by using Cl4. IU. I. Sorokin. Mikrobiologita 35 no. 6;967-977 N-D '86.

### DESULFURATION

- Experience in desulfuration of gasoline of the indict mising. E. A. Bugai and others. Nefte per i nefte billion no. 12;7-11 66
- Sulfur exidation by magnetite, hematite and entire diovide. G.M. Komissorov, I.S. Kulikov. I v., ucheb zav., chern, met. 10 no 1,24-46 464.

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- Asymptotic law of propagation of a plane determine to a G.G. Chernyl. Dokl. AN SSSR 172 no. 1,558-166 [13].
- Causes of burning-out of safety explosives, A.P. Glazkova, V.K Bobolev, Vzryv, delo no. 60/11/5-
- Determining certain characteristics of the focus of detonation priming with shock waves. B. I. Shekling, V. P. Chelyshev. Vzryv delo no 60/17 10 - 107 mm.
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  Some self-similar motions of a gas due to impact of detonation to a medium of variable density. 1 that tankin PriPl mat 1 mekh 30 no. 6/1141-1141 N-D '06
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## DEUTERONS-SCATTERING

Diffraction interaction of fast deuterons with nearly of all nuclei. O. II. Sytenko, III. A. Berezhnet. Tile, fiz. et a. i. no. 5-564-568 S-O '50.

## DEW POINT

Some results of the analysis of the dew point send to a M. I. Leifman. Teptoenergetika 7 no. 8(20-1) Ag to

- Cardiovas cular disorders in diabetes mellitus, F.A. Vasiukova, N.R. Piasetskii, N.P. Kalenova, Problema i germ. 6 no. 6.41-53 N-D '62,
- Changes in orbital floor caused by diabetes reality V. P. Lekishvili, E. A. Chkontin. Soob. AN Gruz F B 44 no. 3;803-810 D 460.
- Electrocardiographic changes in diabetes mellitis are Himinary report. D. A. Ezoeva Shor, nauch trul 12 6111 no. 10-73-78 101.
- Generalized vanthomatosis in the adolescent form of diabetes mellitus. A.D. Fzeeva Sbor, nauch. truf SOGMI no. 16-188-180 461
- Grom, G. I. [Diabetes mellitus in children] Sakhato) diabet u detel. Moskva, Meditsina, 1995, 54 p (Hz. * . . popullarmaja meditsinskaja literaturn) (DNLM)

Mublishy of components and its effect on formation of diagenetic consistions. IU V Shurubov Dokl AN SSR 172 no 3 700-702 Ja 467

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Distribution of I^{13t}-labeled fibrinogen in organs and tis-sues of interwith transplanted turnors. N. V. Grepero-vich. Med rad. II no 12:58-59 D '66

Indiacopte and X-ray parallela in dyacutery. D.M. Gutturan Sov. med 29 no.11:110-114 N 566
I initia of tadloinification method in malignant neoplasms using 1932. V. Kh. Proukely, S. V. Shehelokova. Mcd tad. 12 no. 1 47-46 Ja 567

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Modern safety measuren used against irradiation in X-1.33 diagnosia, I. Boitor, Gy. Koczkan, Vest. rent. 1 rad. H. no. 6,61-66 N-D /86,

Radioisotoph renography in hypertonic states. J. P. Korolluk. Med. 12d, 12 no. 1 46-52 Ja *67.

Results of clinical and X-ray observations in compound treatment of multipanet tumors of the overles, I, Validio-slems, K, Ambrozaitis, Vop.onk 13 no.1, 18-41 '07,

Results of the clinical use of X-ray television. I. Kh. Rabkin. Vest, rent, i rad. 11 no. 6:3-11 N-D '66. Spatificance of a centremoduactional examination of respiration in early diagnosis of came of the bronchus A.I. Sadof'ev. Vop. onk. 13 no. 1.18-25 '67.

**Ignificance of X-ray examination methods in the diagnosts of an tic valve insufficiency. IU, S. Petrosian, E. J. Kunina, G. T. Golikov. Vest, rent, i rad. Il no, 0-11-16 N-D '66.

Study of the function of artificial retroaternal esophigus made from the large intentinensing reentgeneeinematog-raphy L-Kh-Rabkin A.F Khasilova. Grud khir. 9 no.1102-166 Ja-1 '67.

Trait ayantom in X-ray diagnosis. IA, L. Shik. Vest. 1 and 1 and 11 no. 6:16-29 N-D '66.

X-ray diagnosis of arteriovenous anonyams of large cerebral vessels, F.D. Podol'skii, G.S. Danilenko, A.P. Burlitskii, Vest. rent, i rad, 11 no. 6;56-61

K-ray diagnosis of chondromatosis of joints. I. I. Shakov, K. B. Polatkhanova, Z. D. Drhafarova, Azerb, med. zhur. 43 no. 12 15-20 D '66,

A-ray diagnosis of cranial thordomas. G. A. Litvakov-skala. Vest. rent. i rad. 11 no. 6:87-80 N-D '66.

X-ray diagnosis of ecoplegitis. G.I. Rozenfelld. Zhur. ush., nos. 1 govl. bol. 19 no. 6:63-56 N-D 159.

DIAL TELEPHONE see Telephone, Dial

Bosenko, V. A. [Dialectic as a theory of development]

Dialektika kak teorita razvitita. [Kiev] izd-vo Klevskogo
univ., 1986, 248 p.

Dislectical transition and dialectical contradictions. A. K. Kudi in. Uch. zap. Svor. gos. ped. inst. no. 35;190-212 '66. Manifestation of the law of negation of negation in the thirthm te development of correlation between structure and its thements in phenomena. G. M. Elfinnov, Vest 1 GU 21 no. 23 148-152 '66

### DIALECTICAL MATERIALISM

Bosenko, V.A. [Dialectic as a theory of development]
Dialektika kak teorifa razvitlia [Kicv] Izd-vo Kievslogo univ , 1988, 246 p.

Categories of attraction and repulsion 1 IA. Loriman Nauch, dokl vy: ahkoly, filos nauki 4 no. 177-85 [6]

Cognition and practice, M. Zlondaa, Komm. Ukr. 36 no 9:07-71 S 160

Correlation of subjective and objective in practice - IU F Bukhalov, Nauch, dokt vys. shkoly, filos, nauki 1 no. 1:59-67 [61]

Dialecties of the comparative method in natural sciences I. I Iwashevskii, Friedy lik un 38 no. 4 13-63 165

Materialistic dialectics as a method of scientific study N. M. Mu ollishina Nauch trudy TashCII no 279 5-25

New falsifications of historical materialism by American programtists. A I Titarenko Nauch. doll.xys shboly, filos nauki 1 no 1 44-51 [6].

Quantity, quality, and structure. V.V Agudov. Vop. files. 21 no 159-68 167.

filos. 21 no 159-68 '67.

Russia (J. S.S. R.) Upravione propodavanita obshchestvennykh nauk. [Recommended subjects for test papers
on the principles of philosophical knowledge; for secondary vocational correspondence schools in "Public
health" and "Art] Tematika kontrol'nykh rabot
osnovam filosofskikh zhanil, dita zaochnykh sorechikh
spotsjal'nykh uchebnykh zavedenii (po spetsial'nostiam
"Zdiavookhranenie" i "Iskussivo"). Moskva, Mysi',
1965. 19 n. 1965, 19 р.

Spikin, A.G. [Course in Markist philosophy] Kurs markistiskoi filosofii | Izd.2 , perer. i dop. | Moskva, Mysl', 1986. 541 p

### DIALYSIS

Applying the dialysis method in the study of the state of niohum and tantalum in solution A.K Babko, H.I. Hrydchyna Dop. AN URSR no 7 921-924 '62

### DIAMAGNETISM

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Basic morphological types of crystals of synthetic dia-mond Z V Bartoshinskii Min shor, 20 no 116-21

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Grinding rolls with diamond wheels. V.N. Bakuli, A. A Sagarda, L. L. Mishnaevskii. Mashinostroitel no 1,26 Ja '67.

Increasing machine-tool rigidity for diamond grinding A. M. Davidson, M. P. Hondarl. Stan i instr. 37 no 12 34-35 D 166

Increasing the officiency of surface grinding with diamond whoels on universal grinding machines A D. Davidson, Avt. prom 32 no. 12:33-34 D 166.

[Machining machinery materials with diamond tools]
Obrabotka mashinostroitel nykh materialov almaznym

Obrabolka mashinostrollel'nykh materialov almaznym instrumentom, Moskva, Nauka, 1960. 250 p.
Rusakov, K.I., and IU.I. Sychev. [Diamond tools for construction and road machinery; survey of patents] Almaznyi instrument dila stroitel'nykh i dorozhnykh mashin obzor patentov. Moskva, Nilindo matsiistroidorkommunaash, 1965. 56 p. Serita 1. Stroitel'nye i dorozhnye mashiny

Straightening conditions for diamond wheels. D. E. Anell-chik, S. N. Filonenko, Telh i org. proizv. no. 6:34-36 N-D '66.

# DIAMONDS, INDUSTRIAL.—TESTING

Wenr of the diamond tool of rock cutter-loader actuating mechanisms operating along the principle of breaking away the rock from the massif. A. F. Kichigin and others. Izv.vys.ucheb.zav.; gor.zhur. 8 no.10:88-91 '65 ·

## DIAPAUSE

Nymphal dispause in the tick Ixodes ricinus L. Report symphet disputes to the tick incode ricinus L. Report No.1; Behavior of hung y groups and development of replote nymphs in relation to photoperiodic conditions. V.N. Belozerov. Med. parez. i parez. bol. 35 no. 64723-728 N-D 166.

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Self-focusing of powerful light beams related to their mal effects. A.G. Litvak. Pist. vicd. Zhur. ckspei, i teoret, fiz. 4 no. 9:311-345 N '66.

### DIELECTRICS

Dielectric properties of a medium with flat particle impurities. R M. Zaidel', Elektrichestvo no. 1 89 Ja '67,

Diffect of divilent imputities on the electroconductivity of solid dielectrics in strong electric fields. A.V. Baranov, N.I. Dimova. Exv vys.ucheb.zav., fiz. 9 no.6-149-159 166.

Macroscopic structural anisotropy of industrial products. V. N. Rudakov and others. Defektoskopiia 2 no. 5 107-112 '66.

Reilectivity of a single-layer dielectric coating in the case of light falling at an angle equal to or gleater than the critical angle of total reflection, I M. Minkov Opt. 1 spektt. 21 no.5621-529 N '66.

Studying the surface ionization of dielectrics by determining conditions of the discharge. O. D. Balantseva, V. A. Malyshev. Elek oht mat. no. 143-50 168

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One mechanism of broadening of optical absorption lines in ferrodictictics. V. A. Popos. Fiz.tver.tela 8 no.11;3339-3343 N '66

### DIENCEPHALON-DISEASES

Bioelectric activity of the cerebral cortex in lesions of the dicheephalon and brainstem O.F.Makarchenko, M.L.Horbach, A.L.IEryah, Fiziol zhui [Uki., 12 no 6 805-814 N-D '66

Gas exchange in some forms of diencephalic pathology. A 1A, Markova. Probl. endok. 1 gorm 8 no. 6 62-67 N-D 162.

Some problems of the clinical aspects and ctiology of the diencephalic syndrome. V. IA, Vlasova. Trudy Turk, nauch, -issl, met klum., kur 1 ii2, metod, lech. 8 84-106 185.

## DIES (METALWORKING)

Dies for blanking and drawing billets. V. A. Volkov. Mashinostroits! no.1,39 Ja '67.

Dies for cutting shaped pipe ends. B. A. Udalov. Mashi-nostroitel' no.1;39 Ja '67.

Dies for stamping parts of liquid cast iron, E.I.Verbits-kit, I.N. Mekhed, V.A. Chatka, Prom. Bel. 10 no. 2:31-32 F 167.

Effect of prestressing on the strength of hammer dies, M A, Shalla, G, K, Gorobets, Tekh i org, protzv. no, 6 43 N-D '66.

Shalfeev, S.D. [Regularities of wear and methods of in-creasing the durability of blanking dies] Zakonomerno-sti iznosa i metody povyshenifa stotkosti vytubnykh shtampov. Kazan', Tatarskoe knizhnoe izd-vo, 1985. 86 p.

### DIESEL ENGINE INDUSTRY-MANAGEMENT

Introducing new technological processes in the manufac-ture of tractor and combine argines L. M. Karas', Tekh, i org, proizv. no. 6:93-98 N-D '66.

### DIESEL ENGINES

- First of fuel concentration on preconduction processes in the changings of Dichleron of Finerpairishing-tro-con 12 no 11.7-11 of the
- The 40D diesel ergine GA. Dobrotin. Freegomashine-streams 6 no 9:38 8 '60,
- Modern e avs tor the disclopment of the sorking process of diese tengines for trucks and tractors. K. K. Molchino. Trakt 1-19 ho mash. no 15-9 In 167.
- Study of gas a change in a laguest, ad to occacle diesel course in the real blooms, through A.S. Orlin, M.G. Frugler, J.U. I. Fgantin Tribet self-hozmash 30 no 13-5 Mr.

### DIESEL ENGINES-DESIGN AND CONSTRUCTION

- Industry- "ide contenence on diesci engine constituction L. K. Kallera En igomashinostroanie 6 no 10 32
- New developments in diesel engines design and construc-tion. Energomeshinostroeme 6 no w46-48 = '60,
- Selecting dimensions of sleeve openings of the nump plunger of a high-speed diesel engine V skii let prom 32 no 12 11-14 D 466 V E Gorbanev-

## DIESEL ENGINES-EQUIPMENT AND SUPPLIES

Manufacture of gastets from wire N. J. Palilov, Trakt I sellthozonach 30 no 3 11 Mr (60

### DIESEL ENGINES-FUEL SYSTEMS

- Balakin, V.I., A. F. Elemecv, and B. N. Semenov. [Fuel equipment of high-speed diesel engines] Toplivnala apparatura bystrol hodnykh dizelet. Leningrad, Mashinosh oenie, 1967. 298 p.
- Correction of the flow rate characteristics of diesel engine fuel pumps. R V. Rusinov. Pnergomashimosticonie 6 no. 10 22-25 O 160.

## DIESEL ENGINES-LUBRICATION

Prevention of the funning of the fill of 10D100 diesel engines. I S Zelenetskans, S N Sharporodskans, Elek 1 tepl, maga 10 no 11 31-32 N '66

# DIESEL ENGINES-STARTING

- Effect of scaled piston-ring locks on starting properties of a disselving in BIA Contibuty and others. Avt prom. 33 no. 1 14-16 Ju. 167
- Problem of prestarting heating of diesel locomotive engines V I. Varava Sbor, trud LHZHT no 232 engines V 95-106 64

# DIESEL ENGINES—SUPERCHARGERS

forcing a diesel engine by speed and loading A. D. Gin-liand. Tekh i org prozes. no 6 104-106 N-D '66

### DIESEL ENGINES-TESTING

Effect of increased resistance of the exhaust system on the diesel piston temperature of tree piston diesel compressors, G. F. Karatacv. Energomashinostroenie 6 no, 9:26-27 S '60,

## DIESEL FUELS

(see also subdivision under Arlan Oil Fleld)

- Corrosive properties of sulfur-bearing diesel mels in storage M, M, Ratiev and others Shor trud Az NII NP no 3 92-101 158
- Determination of machanical admixtures in diesel fuela N. Krasnolutskaja Rech transp 20 no. 7:34-35 Jl '61.
- Effect of unsaturated hydrocarbons on tendency of diesel fucisto form precipitates on needles of atomizers.

  B A Englin, E G Kuznetsov Nefteper i neftekhim no. 10 7-10 166
- Filtration of diesel fuels. L. V. Emellianov. Energo-mashinostroeme 6 no. 9 39-10 9 60.
- Gasoline and oil starting mixture V. Zakharkinskil, Tekh v sel'khoz 21 no 12 46 D 151
- Production of diesel oil from Neftianye Kamini crudes by a direct dessphalting of fuel oils. A. M. Kuliev and others. Shor, trud Az NII NP no. 3 174-180 '58,

## DIESEL FUELS-ADDITIVES

- Synthesis of aliphatic amines and their derivatives, and testing them as anticorrosive additives to sulfur-bearing desel (uels. V.IA Masumian, M. M. Rafiev. Sbor. trud. Az NH NP no. 3 102-109 158.
- DIESEL FUELS-ANALYSIS see subdivision under Daleger-Donets Lowland

## DIESEL LOCOMOTIVES

- Advice on the operation of TEPIOL series diesel locomotives. S. M. Met'nik. Elek, i tepl, tragn. 10. no. 11:37-40. N. '56.
- Calculating automatic control systems for hump engines LG Serganov Vest, TSNII MPS 25 no. 8 18-21 166,
- Considering nonlinearity in the proportional-plus-integral controller of speed of diesel internal combustion engines, F.F. Saburov. Shor. trud.LUZHT no. 232.67-80 '61, M751 and M753 diesels are capable of better operation. V. M. Gudkov, Kh. Sh. Falzullaev. Elek, i topl. ttaga 10 no. 11:16-17 N '66.
- Method for checking the operation of the fuel supply system of a diesel engme. I r. Protsenko. Elek 1 tepl. tiaga 10 no.12.11 D '66.
- More on the stippage of large deed locomotives. K. F. Gorchakov. Elek i tepl, tiaga 10 no 12:18-19 D '66

- Special features of the assembly of avial reducing gears of 1Gl02 diesel locomotives 1°V OPshivskii Elek of TG102 diesel locomotives 1' i tepl traga 10 no 12 23 11 '65
- DIESEL LOCOMOTIVES-AUTOMATIC TRAIN CONTROL Intomatic engine drivers for freight diesel loconotives' objectives and principles of achievement | F. IA, Gakkel' objectives and principles of achieve Shor trud LHzmr no. 232 3-9 'of.
- Extreme-impulse control of power circuits of diesel locomotives, M.A. Nikulin, I. L. Shegalov. Shortrud LHZHI no 232 81-88 *6 }

### DIESEL LOCOMOTIVES-COMPRESSORS

Improving efficiency of four-cycle diesel locomotive engines with pressure charging C N Bescharov, Vest 15NH MPS 25 no 8,15-17 166

### DIESEL LOCOMOTIVES COOLING

- Diagrams for cooling pressurized air in diesel locomo-tres VI, Evenko, Vest TSNII MPS 25 no. 7 20-
- Our experience in the prevention of water leakage in the D50 dri set VI Doroshenko Elek i tepl tinga 10 no. 12 25-26 D '68
- Selecting optimal indices for cooling systems with intermediate heat exchangers, V 1, Polik ii pov Vest
  TSNII MPS 25 no 7 23-27 466.

# DIESEL LOCOMOTIVES-DESIGN AND CONSTRUCTION D70 diesel locomotives Teplovoznyi dizel D70, Mo-skva, Transport, 1966, 63 p.

- Gas turbine pressure charging of two-stroke diesel engmes PS Morgulis, V G Perfilov, Energomashmo-stroenie 6 no. 10 45-47 O 160
- DIESEL LOCOMOTIVES-ELECTRIC EQUIPMENT Fifect of charge conditions and density of electrolyte on the life of storage batteries V. A. Koshevot, Elek, i tepl tings 10 no.11 22-23 N '66
- Linergency excitation of the generator of the TIP10 diesel locomotive M N Blatukhun, A.I. Ivanov Flek, 1 tepl tiaga 10 no 12 37 D 106
- Emergency excitation of the main generator, D. G. Evda-kov. Pick, I tepl. tiaga 10 no 11 10-41 N '06 Failure of an auxilliary generator. E. A. Boer. Clek. 1 tepl tinga 10 no 11 41 N '66.
- Fundamentals of analysis and synthesis of power circuits of diesel locomotives with electric transmission M A Nikulin. Sbor. trud, LHZHT no 232 89-94 164.
- Operation of voltage adjusters in the TG102 diesel locomotive, V.B Zdio, ov. Shor, trud LilZHT no 232 107-112 464
- Problem of calculating diesel locomotive storage bat-teries, V.V.Strukopytov, Sbor.ttud, LHIZHT no. 232 teries, V 60-66 | 64
- Using reliability theory in investigating power equipment of diesel locomotives, V V Strekopytov Shor trud, LitziiT no. 232 124-132 164

## DIESEL LOCOMOTIVES-HYDRAULIC DRIVING

- Analytical determination of bifurcation values of automatic control system parameters of diesel locomotives hydraulic transmissions. I.F. Pushkarev, V.I Lobanov Sbor.trud, LifzHT no 232 30-43 404.
- Basic equations of dynamics of switching degrees of speed in multich culating hydraulic transmissions of diesel locomotives. F.F. Saburov. Shor trud. LHZHT. no. 232.133-141 [94].

# DIESEL LOCOMOTIVES-MAINTENANCE AND REPAIR

- New technology in the repair of traction motors, S. G. Zhalkin, Elek, i tepl, tiaga 10 no.11:11 N '46, One should step-up the inspection of bearings, V. V. Ovsii, Elek, i tepl, tiaga 10 no.11:34 N '66, Repair of the engine blocks of diesel trains, kh. Sh. Faizullaev, V. M. Gudkov, Elek, i tepl, tiaga 10 no.12 7 D '66
- Shouldn't the bench be modernized? A. D. Bazhenov, V. I. Tereshchenko, Elek. I tepl. tiaga 10 no. 11 33 N '66
- Technology of the installation of crankshafts. D. G. Stetsenko, K. I. Tereshchenko. Elek. i tepl. tiagn 10 no 12:22-23 D '66.

## DIESEL LOCOMOTIVES-VIBRATION

Silicone damper of torsional vibrations of high-speed diesel engines, V. G. Pervyshin, M. P. Shiriaev, Energo-mashinostroenic 12 no.11 36-39 N '66.

### DIET IN DISEASE

- Diet for patients following fenestration of the labyrinth A.R.Khanamirov, A.I.Varbenko, Zhur.ush.nos.i goll.boi 19 no.4.38-43 Ji-Ag 150.
- Effect of high-protein diet on changes in spontaneous succetion of intestinal and pencreatic glands in chronic colitis and enterocolitis patients. N. J Trisenina, T. N. Zitler Vop. pit. 25 no. 6:24-29 N-D 166.
- Stepashkina, K. I., and B. N. Moshkov. [Therapoutic diet at home] Ledhebnoe pitanie v domashnikh uslovitakh. 2. ispr. izd. Klev, Zdorov'ta, 1967. 223 p. (DNLM)
- DIET IN DISEASE—HANDBOOKS, MANUALS, ETC.
  Skulme, K., ed. [Handbook of therapeutic nutrition]
  Arsinfeciska uztura rokasgramata. 2., parlabotats un
  paplidinatais izdevums. Riga, Zvaigzne, 1966. 269 p.
  [In Latvian]
  (DNLM)

### DICTHYLAMINE

Preparation and properties of H-alkoxydicthylanures B V Tronov, I M Bortovoi, IU N Persiamov, 1414, TGU 185 6-10 *65

### DIFFERENCE EQUATIONS

- Gel'fond, A O. [Calculus of finite differences] Belifate nie konechnykh raznostei. Izd 3., lapa Moskya, Sin ka, 1967 J75 p
- Regularization of difference schemes. A A. Samarakat Zhui vych mat i mat fir, I no. 1 62-84 Ji t

DIFFERENTIAL DIAGNOSIS see Diagnosis, Differential

### DIFFERENTIAL EQUATIONS

- Application of the theory of additive functionals to stachastic differential equation. It, LZhi berney Diffurary, 2 no Hab35-bio N bbs.
- Approximate internation of equations describing eachly tions of nonlinear systems with slowly varying person eters — Dop AN URSE no 1/679-1813 102
- Approximate integration of Goul and a problem for program-n-voice equation . III I knowledge Toop, AN UR driver 12 n-wave equations 1530-1533 466
- Arriving at a final solution to some systems of ord,
- second-order differential equations. V. G. Skatereke Second-order differential equations. V. G. Skatereke Differential equation in the Science of Scientific Science of Scientific Science of Scientific Science of Scientific Science of Science
- Cauchy problem for accord-order differential parallally equations in Banach space, S. IA, IAkuboy Dv. At. Verb SSR Service-tells i mat nauk no. 1:3-8 5 6.
- A class of correspondences between affine appear, V.A. Ryzhkov. Trudy TGU 181419-23 465.
- Condition of absence of yeak lactimae in a certain hele i. bolic equation A. B. Mitelinan. Vest. Mork market | 1 Mat., mekh 21 no 6,28-34 N-D 66
- Continuability of solutions to systems of differential equations. IA if that Dop. AN URSR no 1246 247 cm.
- Contribution to the theory of ordinary differential epartions. A.D. Gorbanov. Vych. met. i prog. Scaladicker.
- Derivation of periodic solutions to quasi-linear account omong systems with one degree of freedom in the coor of the amplifude equations, A,1 Proskin takov. Priid, mat i melti. 10 no brills 112n N-D 366
- Description of an algorithm for construction of eptic d But patter of an approximated vegetarity of a color of the fatter of the solution of Cauchy's problem for orthodifferential equations using the Range Kutta method A. N. Tikhonov, A. D. Gorbunov, S. S. Galsia Bia. A. A. met. i pr og 5:17-20 *66
- Dirichlet problem for Heimholtz'n equation describing an ercentric ring. A. N. Huzt. Dop. AN URSU 1 10 1271-1275 166.
- Elliptic system of differential equations on an oriense! closed surface A. B. Illianina Dop AN HRSII 1 1 1 859-861 162
- bedinating the parameters of complex systems on Lyre of the experiment results, 1, V, Alekaeenko Lyre, 1 mat, metod, 4 no 1448-162 Ja-T 167
- Extension of Maxwoll'n equation to theoretical analogic of experiments on transfert direct and reversed true of fibriglass reinforced plastics. P. M. Ogifstor, 1, 21 Timoeya, Vest. Mosk un. Ser. 1; Mat., makh. 1 no. 6:121-125 N-D '66.
- A generalization of projection methods, N. I. Polishin Dokt, AN SSSR 167 no. 2:280-204 Mt 466,
- Gradient method for solving a close of problems of the mal control. O. V. Vusilley. Zhur, vych, mat, 1 and fiz. 7 no. 1:52-61. Ja-F. 487.
- Interval of existence of the solution to a system of interval of existence of the solution to a system of ordinary differential equations, P. S. Bondart for U. AN URSR no. 7 861-863 [63].

  Kinetic foci of a connervative system for incontracts the algorithm of the Privalent. P. III. Privalen. P. III
- Lidstone's problem and its generalizations. IV. A. Kardmin. Vest. Mosk.un Ser. I: Mat., mekh. 31 40.6 it.
- Method for integrating the equations describing a lann-ir boundary layer in an incompromethic liquid. I. A. Kulonen. Zap. LGI 43 no. 3:04-98 '64.
- Method of characteristics for solving the telegraph Liper-tics. Ch. M Dzhivariy, E. V. Dmitriev, F. M Alicele. Lev. An Azerb. SSR. Ser. flz. -tolch. 1 mat. sauk no 4:111-120 166.
- 120 '46. Mothed of finite differences for Navier Stokes equal (A. Krzhiyitskii, O. A. Ladyzhonskafa, 1984, AN 145H 167 no. 2:309-311 Mr 166, Modification of the functional scheme of Chaptygials
- method and its applications. G V. Gendzhoi in fav. AN Arm. SSR Mat. I no. 5:293-316 *65.
- Necessary and sufficient conditions for establishing the solution to the Cauchy problem. V. D. Rophikov, S. D. Eidel man. Dokl. AN SSSR 167 no. 2-293-301 Mir #s
- Neighborhood of a singular point in a system of differential equations with small nonlinearities. D M Grobman, Dokl. AN SSSR 172 no. 3:524-526 Ja 167
- Nielsen TSenovis equations and their application in r. ". holonomic systems with nonlinear connections. Ill lapchiev. Dokl, AN SSSR 171 no. 4:820-832 B 456,

### DIFFERENTIAL EQUATIONS (Continued)

- Nonlocal theorem on the existence of nonlinear hyperbolic equations in Hilbert space. V A. Pogorelenko, P E. Sebolevskii, Uki, mat, zhan 19 no 1 113-115 457
- On algebraic boundary cycles of a certain differential equation: M. V. Dolov Diff in av. 2 no 11:1469-1173
- On the existence of bounded solutions to second-order differential equations. I 6 Khalikov Diff. ut av 2 no 12:1668-1670 D 166
- On the existence of solutions to differential and integrodifferential equations containing asymptotic parabolas, IU, A Ved¹. Dif gray 2 no. 12-1594-1640 D (66.
- Optimum control in a statistical problem. Dif.may, 2 no 11445-2422 N '86.
- Parabolic equations with continuous coefficients. A. M. Il'in. Dokl. AN SSSR 171 no. 6:126 1-1267 D '66.
- Problem of control for a system of differential equations with a delay A B, kunzhanskii, Priklmat i mukh. 30 no. 6 1121-1124 N-D '66.
- Reducibility of linear systems of differential equations with quasi-per faile coefficients. VI. Romanov. V. Kh. Khua nakhal. Difemay 2 no 11:1423-1127 N 166.
- Remarks on random processes engendered by some differential equations, A IA, Dorohovtsev, Dop. AN URSR no. 7 856-853 162
- Resonance in rolating systems, L. D. Akulenko, V. M. Volosov. Vest, Mosk, un. Ser 1 Mat., mekh 22 no. 1 12-16 Ja-1' (67).
- Ritz's formula and the quantum defects of the spectrum this formula and the quantum devects of the spectrum of a radial Schrodinger equation. L. A. Sakhnovich, 124, AN 595R, See, mid. 30 no 6:1297-1310 [66]. Smoothness of their mai potentials. Part 3, L. I. Kamynin
- Diffurny, 2 no. H;1484-1501 N |66.
- Solubility of the Cauchy problem for second-order prinhelle equations in Clauses of arbitrarily indicasing functions, I.M. Petrishko, S.D. Fidel'man. Ukr mat, zhur. 19 no. 1:108-113 47.
- Solutions in generalized functions of some ordinary dif-ferential equations with polynomial coefficients. F. S. Altev. Dokl. AN SSSR 167 no. 2 259-262 Mr 166.
- Solutions to differential equations of infinite order an dytte in noncircular regions. IU. F. Korobeinik, Mat, shor. /1 no. 1555-514 D '66.
- Some applications of the theory of normally soluble opera-tors to differential equations of infinite order. IU, F Korobetnik Mat. sbor. 12 no 1:3-37 Ja 167
- Special features of the graph of total orror in approximation calculation of Cauchy's problem for an ordinary differential equation. A.N. Tikhonov. A.D. Gorbunov. S.S. Gaiberium. Vych. nucl. prog. 5:21-27 '66.
- Stability of some systems in the case of resonance N.1 En agimova. Dokt. AN Azorb SSR 22 no.9:12-11 [66].
- Stability of the solutions to a differential equation with a discontinuous characteristic. H. M. Pidinov. Diferrav. 2 no. 11:1531-1534 N '66.
- Stability on the final time interval in the case of one zero toot and a pair of parety imaginary roots, toy Dif. arav, 2 no. 12:1561-1571 D '66. R. M. Nasy
- Standy state rotations in on autonomous system. L.D. Akulenko, V. M. Volosov. Vest. Mosk. un. Sor. 1; Mat., m.kh. 21 no. 5;34-39 N-D '66.
- Structural equations, in the presence of an intransitive group, describing one-dimensional gas flows, Surpyikhin. Vert. Mosk, un. Ser. 1 Mat., mesh no.1:50-61 Ja-F '67.
- Structure of a set of solutions to differential equations with delayed argument. V.F. Subbottn. Ukr. mat. zhur. 19 no. 1:120-123 '67.
- Systems containing a small parameter. L. D. Akulenko, Zhur, vych, mot, I mat, fiz. 7 no, 1 200 - 314 Ja-F 167,
- Theory of estimating the nonescillation interval in a linear diffurential equation of the third order. V. S. Bezdomni-kov. I. N. Inozemtseva. Diffuray. 2 no. 11/1444-1448 N '66.
- Theory of relaxation under the action of a random externol field. G. D. Vekshiein, G. M. Zaslavskii. Dokl. AN 544R 172 no. 1:00-72 Jn '67
- Uniform stability of a six-point scheme of high-order accuracy for the heat conduction equation. S. I. Serdi-kova. Zhur, vych. mat. i mat. fiz. 7 no. 1:214-218 Ja F 187.
- Uniqueness of the solution to the Cauchy problem, and the convergence of successive approximations. M. S. Kikodze. Dif. arav. ? no. 12:1553-1560 D *166.
- Use of the method of differential descent in solving nonlinear systems. S. L. Alber, IA. L. Alber, Zhar. vych. mai, i mai, fiz. 7 no. i:14-32 Ja-F '67.
- valler -Poussin type problem for hyperbolic equations with constant coefficients. B. I. Ptashnyk. Dop. AN URSR no. 10-1254-1250 *66.

# DIFFERENTIAL EQUATIONS-BOUNDARY VALUE

- Contribution to the theory of boundary value problems for the equation y¹⁰u_{xx}+u_{yy} k(x, y)e¹¹ in the tarbe. D. R. Gyazaya. Dokt. AN SSSR 167 no. 21274-277 Mr ¹⁶⁰.
- Half-space potentials for equations describing the motion of a rotating fluid, Dokl, AN SSSR 172 no. 3:533-530 Ja '67.
- Homogeneous difference schemes on nonuniform nets for a fourth-order differential equation with discontinuous coefficients. A. K. Botarchuk. Dif.urav. 2 no.11:1474-1183 N '06 .

- Mathematical examination of some problems involving longitudinal vibrations of sectional rods compared of elastic and viscoelistic segments S I Garduk Dif atas 2 no. 12 1630-1648 D 166
- Riemann's boundary value problem for systems of first-order linear differential equations in generalized formulation V. S. Rogozhin. Mat shor 71 no 4:515-
- Solution of the problem of a powerful point explosion in official or the problem of a power an point explosion in ideal compressible media in the case of cylindrical and plane waves IU.O Pazoiskii Vest. Most un Ser I; Mat , mekh 21 no 6,90-97 N-D '6b.
- Solving the Tricomi problem with the general condition of joining by the method of nets. P A Tagley Izv. in Azerb. SSR Ser. fiz -tekh. i mat. nauk no. 4 48 -53 '66.
- Theory of estimating the nonoscillation into val in difference equations and difference boundary value problems A. L. Teptin. Dif urav 2 no 11,1449-1468 N 56
- Three linearized inverse problems for hyperbolic equations, Doki, All SSSR 171 no. 6,1279-1281 D 166.
- Tricomi problem for alliptic-hyperbolic Euler Poisson Darboux equations. 1U, M. Krikuno, . Dokl. AN 555R 171 no. 6-1275-1278 D '66.
- Use of the method of straight lines in solving certain problems in electrochemistry. V. T. Ivanov 2 no.11:1502-1509 N 16b Dif ut av

### DIFFERENTIAL EQUATIONS, ELLIPTIC

- Structure of solutions to elliptic-parabolic equations containing one separable variable, V. B. Ryvkin, Difurav 2 no. 12-1649-1654 D +66.
- Theorem on three spheres for a certain class of high-order elliptic equations and extending this theorem to second-order linear elliptic equations, IU.K. Gerasi-nov. Mat. sbox. 71 no. 1:563-585 D '66.

# DIFFERENTIAL EQUATIONS, ELLIPTIC—BOUNDARY VALUE PROBLEMS

- Boundary value problems with a parameter in Lp space for systems elliptic in the Douglis Narenberg sense Ukr, mat, zhur. 19 no 1 115-120 '87
- Use of Galerkin's method in solving a boundary value problem for a quasi-linear chiptic equation of the second order with discontinuous coefficients. R.I. Alikhanova. Dokl AN Azerb. SSR 22 no 9:5-11 '66.

### DIFFERENTIAL EQUATIONS, LINEAR

- Classes of uniqueness of the solution to the Cauchy problem for some quasi-linear degenerate parabolic equations. A.S. Kalashnikov Vest Mosk.un. Ser.1; Mat., mokh. 21 no 6.56-60 N-D '66.
- Derivation of a nearly exact asymptotic solution to a quasi-linear system. P. M. Senyk. Dop. AN URSR no.10/1258-1252 '66.
- Ladyzhenskain, O.A., V.A. Solonnikov, and N.N. Ural'-tseva. [Linear and quasi-linear parabolic equations] Lineary t kvazilineinye uravnenila parabolicheskogo tipa. Moskva, Nauka, 1967. 736 p.
- One modification of triangular iterative method for linear differential systems V.N Laptinskii, Dokl, AN BSSR 10 no. 11:827-829 N '66
- Reducing systems of linear differential equations to a generalized L-diagonal type. N.I.Shkil¹. Dif unov. 2 no.li;1436-1443 N '66.
- Remark on M G Spur's paper entitled "On linear dif-R Z. Khasiminskii. Irv. AN SSSR, Ser. mat. 30 no. 6 1311-1314 166,
- Solving boundary problems of linear equations in partial der ivatives. A. A. Aleksashenko, V. A. Aleksashenko, N. V. Seleznev. Inzh -fiz. z hur. 12 no 1:82-85 Ja *67.
- Some characteristics of solutions to linear differential constions with bounded conflicients. O S. Iven kovskaia, Dif. urav. 2 no. 12:1655-1663 D 160.
- A stabilization problem. V. M. Romanenko Dop.AN URSR no. 7.863-007 102.

### DIFFCRENTIAL EQUATIONS, NONLINEAR

- Boundedness and stability of solutions to some nonlinear second-on der differential equations in Hilbert space. Part 1 K, 5 Marnit, Vest, Mosk, un Scr. 1; Mat., mckh, 22 no 125-34 Ja-F 467.
- Constancy and inconstancy conditions for the solutions to second-order nonlinear differential equations, D. V Priumova, Dif. ursv. 2 no. 12:1572-1586 D 166,
- Equivalent linearization of nonlinear equations in the theory of elasticity and the application of equivalent linearization to problem in the theory of the stability of shells. M.O.Kil'chevs'kyi. Dop AN URSR no 7.875-
- Generalized solutions to nonlinear first-order equations with several independent variables. Part 2. S N. Kruzhkov. Mat. sbor. 72 no. 1:108-134 Ja *67.
- A modification of Newton's method. V.E. Shamanskii Ukr. mat. zhui 19 no 1:133-138 '67
- A nonlinear extremum problem. V. F. Demianov, Zhui, vych, mat, i mat, fiz. 7 no. 1;33-51 Ja-F 167.
- One criterion of asymptotic stability, I. I. Kovius, Dop. AN URSR no. 10,1247-1250 '66,

- Resonance in a nonlinear system subject to random impulses A.S. Bayat Diffurat. 2 no Il 1428-1438 N '66.
- Solutions to first-order nonlinear equations. S. N. Kruzh-kov. Doki, AN SSSR 167 no. 2 286-289 Mr 166.
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Temperature dependence of iron's resistance to deformation and the mobility of dislocations. G A. Beresney, V. I. Sarrak, R. I. Futin. Dokl. AN S9SR 167 no. 2.322-

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Denisov, V. V. [Fight hooliganism!] Khuliganstvu - boll [Moskva] Mosk, rabochii, 1966, 79 p. (V pomoshch' agitatoru i propagandistu)

In the interest of one and all B. Amosov. Soy prof-sourzy 23 no 1:27-20 Ja 467.

In the Supreme Court of the U.S.S.R. Sots, zakon, no. 2; 73-76  $\rm \ P^{-1}G7,$ 

Krasikov, IU. A., and V. V. Trufanov. [Struggle against hooliganism] Bor'ba's khuligansivom. Voronezh, Izd-vo Voronezhskogo univ., 1866, 46 p.

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Distribution of the moment of attaining the marks as f a process with independent increments. U.S. Marks of Teor.verolat.i ee prim. Il 110.4:726-728 '68.

### DISTRIBUTION (PROBABILITY THEORY) (Continued)

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- I inding consistent estimates of distribution parameters 1.Sh Ibramkhulitov Ivv.AN Azerb.SSR.Ser niz tekh i mat.nnuk no 4:67-71 '66
- Kullukina, L.A., and C.A. Ososkov. [Use of histograms in statistical modeling] Ob ispol'zovanti gistogramm pri statisticheskom modellrovanti. Dubna, 1967—21 p.
- Multidimensional concentration functions. V.V.Sazonov. Teo.veronat.iceptim II no.1:683-680 566 Probability distribution of the Square of temperature difference at two points of a turbatent flow. A.S. Gurvich Dobi, AN SSSR 172 no 3:551-557 Ja 167
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Gas saturation of underground waters of Paleozoic and Lower Megozote in northwestern and central parts of Unioper Donets Lowland and its significance for searcheg. V. A. Tereshchenko. Neft.i gaz prom. no.5,12-15 S-O '66.

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Gas saturation of underground waters of Paleozoic and Lower Mesozoic in northwestern and central parts of Dnieper-Donets Lowland and its significance for searches. V. A. Tereshchenko. Neft-i gaz prom. no 5;12-15 S-O '66.

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### DNIEPER VALLEY—ROCKS, SEDIMENTARY

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### DNIESTER VALLEY-STYLOLITES

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### DNIESTER VALLEY-SULFUR

Role of stylolites in the formation of sulfur deposits in the Dniester Valley L. H. Tkachuk, V I Koltun Geol zhur 21 no 2 61-65 [6],

DOBRUJA—GEOLOGY, STRATIGRAPHIC Kellow ay and Oxford sediments in central part of Debruja Trough. M. M. Danich. L. F. Romanov Izv. AN Mold. SSR no 8,59-62 [65].

# DOCUMENTARY MOTION PICTURES see Motion pictures,

# DOFTANA VALLEY-GLAUCONITE

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# DOLINA OIL FIELD-OIL WELL DRILLING Air drilling in Carpathian region. B. I. Chaikovskii. Neft. i gaz. prom. no. 5 37-10 S-O 166.

### DOLOMITE

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### DOMESTIC RELATIONS

Andreeva, IU.V. [Family affairs, notes of a lawyer]

Dela semeinyo, zametki iurista. Petrozavodsk, Karel'skoc knizhnoc izd-vo, 1986. 102 p.

A test N Makarova Semila i shkola 23 no.1 20-21 Ja 167

#### DON VALLEY

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### DON VALLEY-DESCRIPTION AND TRAVEL

Gorchakov, V.A. [Through the Don Valley and the Kuban]

Po Donu i Kubani. Leningrad, Khudozhnik RSFSR, 1965. Po _ 35 p. (MH)

### DON VALLEY-ECONOMIC CONDITIONS

Rezvan, A. A., and N. I. Sementuta [40 plus 5, the economics and culture of the Don Valley in facts and figures] 48 plus 5, ekonomika 1 kul'tura Dona v teifrakh i faktakh [Rostov-na-Donu] Rostovskoe knizhnoe izd-to, 1966 221 p.

### DONETS BASIN-BITS (DRILLING AND BORING)

New method of boring dramage holes. A. D Imas, I. L Kulishenko Mash, i oboi dha mekh, i avtomatiz, trud piots v ugoli prom no 2 136-140 '65

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Manless coal mining with the help of a wire line saw in Mine No. 160 of the Krasnyi Luch Trust. N K. Grin'ko and others. Ugol' Ukr 5 no. 12 8-11 D '62

Readers' response to the articles by D. Geliukh and M. \. teaders' response to the articles of D. Geffukh and Al. v. Moiseev "Mining separate seams from lateral drifts" "Ugo! Ukrainy, "1968, no. 12 and "Selecting development systems and order of mining extraction fields in mines of the "Listchanklugo!" Trust, "Ugo! Ukrainy," 1961, no. 6. Ugo! Ukr. 7. no. 3.45 Mt. 163

### DONETS BASIN-COAL MINES AND MINING-COSTS

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### DONETS BASIN-CORALS, FOSSIL

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### DONETS BASIN—ELECTRIC POWER PLANTS—DESIGN AND CONSTRUCTION

Pillonko, V.I., and V.M. Shepeley. [Manufacturing pre-cast reinforced-concide structural elements for the main buildings of state regional electric power stations; experience of the "Donbassenergestrol" Prust] Izgoto-viente sbornykh zhelezobetonnykh konsiruktsil dija glav-nykh kon magor (2002). [Manufacturing publication of the contraction of the con nykh korpusov GRES, opyt tresta "Donkassener gostrol." Moskva, Gossiroitzdat, 1963. 50 p.

[MICROFILM]

### DONETS BASIN-FAULTS (GEOLOGY)

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### DONETS BASIN-GROLOGY, STRUCTURAL

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### DONETS BASIN-MINE SUPPORTS

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[MICHOFILM]

### DONETS BASIN-ROCK PRESSURE

Type of took deformation under effect of a celling in underground Donets Basin indices, 10, 1, Bilotectko, etc., Dop. AN URSE, no. 10 1299-1301 [66].

## DONETS BASIN-ROCKS-THERMAL PROPERTIES

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## DONETS VALLEY-GEOLOGY, STRATIGRAPHIC

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## DONETS VALLEY-LETHRUS

Lethrus apterus Laxm. in shekterbells in the Boneta Valley part of the Ukraine. L.T. Pokozii. Trudy KIS-KIII 55:102-170 '66.

### DONETSK

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improvement of melioration systems, A, N, Kolobaev, Vest, sel'khoz, nauki 11 no. 11:1-5 '66.

increasing the fertility of drained heavy mineral sells. A. V. Snigireva. Vest. sel'khoz. nauki 11 no. 12;22-26 D '66.

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Topographical work in forest drainage, V.K.Konstanti-nov. Sbor, nauch, -issl, rab, po les, khoz, no, 6:179-107 '43,

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Perkin, I.D., and K.Y. Panov. [Production of drapet y tulic on the multishuttle diagret machine] Profesodstvo gardinnogo tiulia na gardinnoi mnogochelmochnol mashine Moskva, Legkaia industriia, 1986—197 p

### DRAWING-INSTRUCTION

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### DRAWING (METALWORK)

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Experimental investigation of the correlation of forces of pushing-in and forces of drawing-in rod sazing. N.N. Sokolovskii, Trudy LPI no.260 60-62 *65.

Over all high pulic mechanization of the winning of sand for construction purposes. D. Mitiushin Rech. transp. 20 no 7:16-10 Ji '61

Work of the diedger fleet according to the new planning system N Smyslov Rech transp 20 no 7:46-47 Jl '61.

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Advantages of water jet pumps V.Borodzich. Rechtumsp 20 no.**7**:51 Jl  1 61

Gosudar stvennyi proektinyi institut "Proektgidromekhani-zatsila," [Equipment for hydraulic mechanization, a descriptive catalog] Oborudovante dila gidromekhanizatsil; al'bom-spravechnik. Moskva, TSentr.biuro tekh

rmaten.
Vol. 1. [Earth pumps and hydrautic suction dredges]
Gruntovye nasosy i zemlesosy 1985, 181 p.
[MICROFH.M]

New technology in manufacturing parts of the bucket chain of diedges. I. Korolev Rechtensp 20 no 7:46 Ji

Water hammer in low-pressure diedging equipment. G.I. Kirmeloshvill Soob. AN Gruz. SSR 44 no 2:400-416 N '66.

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## DRILLING AND BORING MACHINERY

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no. 12.10 Determining optimal preliminary tightening of doubled tadlal thrust bearings for the heads of diamond boring machines. G. G. Linkova, K. V. Lomakin, M. M. Ghklikh, Stan. i Instr. 38 no. 1:5-8 Ja '67.

Drilling deep holes. IU. K. Brahushka Mashinostroltel¹ no 1:27 Ja ¹67.

Modernization of the horizontal boring machine. B. P. Antonenko, N. P. Markin Mashinostroitel¹ no.1:34-35 Ja ¹⁶⁷.

Ja '67.

Modernizing the 2A 135 vertical drilling machine, M. A.,

Zavidovskii. Tekh.i org. protv no. 6:88-89 N-D '66.

Precision requirements for multispindic drilling machines.

IU B. Erpsher. Stan.i instr. 38 no.1:3-5 Ja '67.

Speed governor of the feed mechanism drive of a horing

machine. P. I. Slezingeri, A. P. Khtushchev, N. E.

Slendrik. Stan.i instr. 38 no 1:18-21 Ja '67.

DRILLING AND BORING MACHINERY-ATTACHMENTS Jigs for machibing holes in connecting rods and hearings for head and crank bolts on boring and drilling machines. F. Klemushin. Hyb. prom. no.53:32-37 '80. Lapping attachment A V. Safoney, V A Nelboy Mashi-nostrollei' no 138 Ja '67

DRILLING AND BORING MACHINERY-VIBRATION

Determining the damping ratio of the spindle unit of a horizontal boding machine IFA kunin, V M Laingau Stan.i instr. 38 no 112 Ja 257.

### DRILLING FLUIDS

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### DRILLING MUDS

(see also subdivision under Mangyshlat Peninsula) Determination of hydrodynamic pressure of regated mud on well bottom F. Kh Makhtiev Azerb neft khoz 45 no 11 20-22 N 166

Device for determining structural and mechanical that reteristics of drilling mule 1. Settlethia and others Neft. i gaz prom no 5:20-22 S-O '66 Effect of volume of circulated mul on frectional force

between filter cake and metal surface and on durition of viscoplastic liver. I. R. Muradov, G. T. Gesinov, N. M. Sherstney, Azerb neft khoz. 15, no. II 25-27.

Exportence in mechanized and safe preparation of clamortar. G. K. Astaf'ev. O. G. Pogrebnor. Bezop truda v prom. H. no 1:36. Ja. 167

Graphic method for determining hydroulic losses in circulating system of well being deilled D. K. Gattov and others Nent khoz 45 no 1-27-30 Jz 67 Using lime-bitumen mud for drilling in prospect harizon B. D. Panov, V. A. Serpenskai Neft khoz 44 no 10,65-

### DRILLING MUDS-ANALYSIS

lutomatic temperature regulation in studying pingging and clay muds A. F. Vortovich Neft i gaz. mom. no. 5:23-25 S-O 66

### DRILLING MUDS-THERMAL PROPERTIES

Nomograms for determining bottom temperatures in wells being drilled. G.G. Polinkov Neft khoz 15 no 1,30-33 Ja '67

Thermal regime of borcholes I A Chainyi, Gaz prom. Il no.124-5 '86,

69 O 166

Spindic-turning drive for a planetary groove-milling machine, S. N. Shatokhin Stan, 1 unstr 36 no. 1.8-9 Ja '67,

DROSOPHILA-GENETIC RESEARCH see subdivision

DRUG INDUSTRY see subdivision under Ukraine

DRUGGETS see Pharmacists

### DRUGS

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### DRUGS-NOMENCLATURE

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### DRUGS-SIDE EFFECTS

Complications in antabuse treatment of chronic alcoholism. V. I. Korneman, L. V. Kradinova, Trudy Gos, nauch -issl inst. psikh, 26 359-362 161.

Medicinal reticuloses. El M Tareev, El IA Severova. Sov med. 30 no.1:10-17 Ja '67.

### DRUGS-STANDARDS

Standardization of Soviet tuberculin (PPD) I P. Zavarskaia, L. A. Mitinskaia, N. S. Sokol'skaia. Probl. tub 44 no.1-12-19 '66.

DRUGSTORES see subdivision under Kramatorsk; Ukraine

Cradle for assembling and welding bottom and side sections of a slip. P. A. Nikitin Sbor. izobr v ryb. prom. za 1961 g. 99-100

### DRYING-MATHEMATICAL MODELS

Using methods of mathematical modeling in developing automatic control systems for drying. N. V. A. Bunkin, F. V. Probořev. 12v. vys. ucheb. zav., gor. zhur 8 no. 8:156-160 '65.

## DRYING APPARATUS

Aerodynamic characteristics of the 2-TsAGI-700 dryer. L. V. Kim. Khleb.i kond. prom. 10 no 12:23-24 D '66

### DRYING APPARATUS (Continued)

Nor method of repairing chain conveyor of a drying oren. IU, Maslennikov. Ryb prom. no 53:45-48 60. The SV-10 vibratory driers. M. E Shrodov. Biul, tekh .clon moral Gus nauch sisst instinauch i telh inform 19 ro 12 32-33 D 166

### DRYING APPARATUS-ELECTRIC DRIVING

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# DUBOVSKOYE REGION (KAZAKHSTAN)-GROUND

SQUIRRELS—EXTERMINATION
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V Udovenko Zasheh rast, 12 no. 1 13-15 467,

### DUCKS-FEEDING AND FEEDS

Studying protein metabolism in ducklings raised for meat, 1U. M. Nasonov. Vest, sel'khoz, nauki ili no, ll'117-ll9

#### **DUCTUS ARTERIOSUS**

Case of total atresia of the acrite arch with concomitant defect of the interventricular septum and patent ductus arteriosus, L.S Zingerman, I.I. Rasulova Grud. khir 9 no 1:110-111 Ja-I 167.

Diagnosis of a typically situated patent ductus arteriosus. 1 Frantsey, 4 S Artiukhov So. med 29 no 11

### DUKHOVNITSKOYE DISTRICT—CROP YIELDS

Soil erosion and the yield of farm crops in Dukhovnitskoye District, Saratov Province, V I. Svechnilova, Trudy Sarasel'khoz, inst. 15 no 3:70-73 '65.

#### DUKHOVNETSKOYE DISTRICT-EROSION

Soil erosion and the yield of farm crops in Dulhovnitskoye District, Saratov Province, V I Svechnikova, Trudy Sar sel'khoz inst 15 no 3 70-73 '65.

#### DUL'DURGA DISTRICT-DAIRYING-ACCOUNTING

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### DUMP TRUCKS

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### DUMP TRUCKS-PARTS

Projection spot welding of platform parts of the ZIL-MMZ-555 dump truck. S.M Leshchiver and others. Avt.prom 33 no 1 34-36 Ja 187

### DUMPING SYNDROME

Treatment of postresection decompensation of digestion by inclusion of the hepato-pancreato-duodenal system. M 1. Petrushimskii. Khirungiia 38 no. il 41-47 N 162.

### NGAN LANGUAGE

e of work in the field of Dungan terminology. Sushanlo, Iz . AN Kii . 99R no. 2:90-91 S-O '66.

### AN LANGUAGE -- CONGRESSES

Jungan terminology nko. Izv. AN Kir SSR no. 2.

up in resection of the stomach 8 no 11-121-123 N 162 section of the stomach with um and measures for their Khirurgiia 38 no.11 63-67

### FECT

rgans under the effect of M I Kaipoya Sov. med.

juipment, V. E. Lopushanskii. I D 166.

vith a dust collector, A.IA.
' A Stefanovich, Ugol Ukr.

rface of hose filters, V.D shko. Ogneupory 31 no.12

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DUST STORMS see subdivision under Gazil region

# DUVANNYY-MORE OIL FIELD-PETROLEUM PRODUC-

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### DVALADZE, GEORGII LIKIEVICH

[Dvaladze, partisan of Lithuania, Translated from Lith-uanian] Dvaladze - partizan Litvy, Vilnius, Gazetno-zhurnal'noe izd-vo, 1965, 20 p.

### DVINA RIVER, WESTERN see Western Dvina River

#### DWELLINGS

Orientation of residential buildings under conditions typical of the fourth climatic district. CH. U. Banishev. Izv ASiA no 3 114-118 '61,

Some problems of the science of designing a residence G D Platonov Lzv ASiA nn 3 40-50 (6)

#### DWELLINGS-HEATING AND VENTILATION

Summer overheating of buildings and their orientation. B. F. Vasil'ev Izv ASiA no 3 119-123 161

#### DVES AND DVEING

Studying phototropic transformations of methyl red under intermittent light. A. K. Chibisov. Zhur, prikl, spekt, 5 no. 5:635-641 N '66.

Synthesis of carbazole-base sulfide dves V. I. Shishkina, G.N. Lipunova, Z.V. Pushkareva, Izv. vys. ucheb. zav; khim. 1 khim. tel h. 9 no. 5;810-813 '66.

### DYES AND DYEING-EQUIPMENT AND SUPPLIES

Concentrator for preparing dispersions. L. A. Sokolfskii. Bull tekh -ekon inform. Gos. nauch, -issl, inst. nauch, i tekh, inform 19 no 12 40-12 D '36,

### DYES AND DYEING-LEATHER

Technology of the production of bicolor silver sucde leather from splits, S.G. Ponomarcy and others. Kezh. - obuv prom. 8 no.12:27-30 D '66.

#### DYES AND DYEING-STANDARDS

Russia (U.S.S.R.) Gosudarstvennyi komitet standartov, mer i izmeritet nykh priborov. [Organic direct dyes (scarlet, red 28, bordeaux, blue lightnat KU, pure blue, green ZhKh, brown KKh, black 3, bluck 28, diazo black 8) Krasitoli organicheskie priamye (alyi, krasnid 28, brydenickieskie priamye (alyi, knasný 28, bot do, sinii svetoprochnyi KU, chisto-golubol, zelenyi ZhKh, korichnevyi KKh, chernyi 3, chernyi 28, diazo chernyi 8). GOST 10872-64. Izd. ofitsial noe. Moskva [Izd-vo Standartov, 1085] 12 p. (SSSR, Gosudarstvennyl standart)

### DYES AND DYEING-TEXTILE FABRICS

Dispersion of vat dye suspensions by the use of the SZh-2 whistle. A.G. Lifshita. Nauch. issl. trudy ISNIKHBI za 1963 g. 414-421.

Syeing semiwoolen fabrics by the use of auxiliary substances V. A. Berezma, I. B. Shtykhno. Nauch. issl. trudy ISNIKhersti no 26 216-229 '65.

Obtaining and using emulsions as a thickening agent. V N. Nebarov and others Biul, tekh -ckon, inform.
Gos nauch -issl, inst nauch i tekh, inform, 19 no 11

Specifying the parameters of continuous dycing of semi-woolen fabrics. A. M. Serebriakov, V. A. Kelltsova, Nauch, -issl, hudy F5NIShersti no, 20:198-208 '65,

"Thermosol" method of dyeing fabrics made from a cot-ton-lavan blend, G G Petrizhik and others. Nauch-issl trudy TSNKHBI /2 1983 g. 301-309.

DYES AND DYEING-TEXTILE FIBERS, SYNTHETIC Dyeing nitron fibers with cationic and dispersed dyes, N. I Melina Nauch, -issl, trudy TSNIIShersti no, 20: 181-187 '05.

### DYNAMICS

Determination of some parameters of the motion of an automobile using experimental data. V. IA. Galkin and others. Vych.met.i prog. 5:102-170 166.

Dynamics of vibrating machines with biharmonic drive, L A, Archakova, Gor, elektromekh, i avtom, no. 1:173-181 '65.

Second problem of the dynamics of a cable of variable length when the electric motor has a linear mechanical characteristic, I F. Shumlians'kyl, Dop. AN URSR no. 12:1552-1657 '66

## DYNAMICS-PROBLEMS, EXERCISES, ETC.

Bal', M.I., G.IU, Dzhanelidze, and A.S. Kel'zon. [Theo-retical mechanics in examples and problems] Teoretirotteal mechanics in examples and problems] Tooren-cheskaia mekhanika v primeraki i zadachakh. Pod red, G.IU, Dzhanelidze, Moskya, Nauka. Vol. 2. [Dynamics] Dinamika, Izd, 3., stereotip-noc. 1988, 663 p.

#### DYNAMITE

The D-3 safety dynamite for mining operations, V.1 Alchsandtov, V.V.Stvilkov V/tyv.delo no.60f17; 125-126 '66.

#### DYNAMOMETER

DYNAMOMETER

Developing and adopting a pilot plant model of dynamometer with inductive transductron the 2350 mediumthickness sheet mill of the Magnitugorsk Metallurgh at
Combine, V.C. Grovalld and others, Shor, trief,
TSNHCHM no. 44 121-136 [46].

Lathe dynamometer with induction pickups. R. A. Gubanne, lekh mashinosti, no. 1 35-41 166.

#### DYNAMOS see Electric generators

#### DYSENTERY

(see also subdivision under Dnepropetrovsk) Cause of seasonal variations of the relative number of bacteriologically confirmed dysentery cases. G. K. Rakkishtat, Zhur, mikrobiol, cpid, i imman, 11 no 1 Raikhehtat, Zh 70-74 Ja '67,

Differential diagnosis of cancer of the signoid and rectur and dysentery A L Buldakova, G M. Antonenkov, S p. med 29 no 10 36-38 O 466

Distribution of tetracycline and oxyteti acycline in the body of kittens with experimental dysentery K V, Klimov Antibiotiki 12 no. 1 69-72 Ja 167

Effect of antibiotic thorapy on the dynamics of blood serum protein fractions in patients with dysentery A.I.Spectorova - Antibiotiki 12 no 183-87 Ja 44.

Endosconic and X-1 ay parallels in dysentery, D. M. Guterman Sov med, 29 no. 11 110-114 N '66

Mental disorders in acute bacillary dysentery. Itt [ Prilenskii, Trudy Gos, nauch -issil, inst. psikh, 25-316-

Results of treating chronic bacillary dysentory with Otaces, E.K. Anisimova, A.A. Matusova, Shor manch trud SOGMI no 10:151-151 [6]

### DYSENTERY—COMPLICATIONS AND SEQUELAE

Dynamics of the vasculovegetative reactivity is a late period in per sons having had dynamic y, based on akin temperature data, V, A, Krivenogov, Trudy Turk, nauch - teel, inst, ktim., kur, I fiz. metod, Icch. 8 187-112 765.

#### DYSENTERY-MICROBIOLOGY

PRESENT ENTY—MICROBIOLOGY
Proparation of diagnostic carbon antidyneateric nein,
V. P. Raginakaia, A. P. Baturo – Zhur, makrobiol,
epol, i immun – 14 no. 1163-164 Jun 167.
Therapeutic effectiveness of totracyclines in dysentery
depending on the method of their introduction and
sensitivity of the diptilite rist has ter fa, K. V. Milmos,
Sov. med. 40 no 1,80-92 Ju 167.

### DYSENTERY-PREVENTION

Chemoprophylasis of dysentery in elderly and scale persons, A. F. Podlavskii, Sh. H. Eldel shtein, E.A. Kunina, Antibiotiki 12 no 189-83 Jul 187,

#### DYSPROSIUM-YTTRIUM ALLOYS-MAGNETIC PROPERTIES

Magnetic properties of Dy-Y eiloyn. G. A. Shafigulling. V. I. Chechernikov, I. A. Markeya. Fiz. met. i metallo, c.j. 22 no.6:30-812 D '66.

### DYSTROPHY

Clinical and morphological characteristics of acute takin dystrophy of the liver in infectious hepatitis, V. 1. Shugailo, V. V. Zaki zhovskii Sov. med 20 no. 10 102-105 0 166.

DZENS-LITOVSKAIA, NINA NIKOLAEVNA, 1003-1050 N. N. Dzens - Litovskala; obituary, S. V. Al'bov, 12v. Krym, etd. Geog. ob-va no. 6:217-128 161

# DZHAMBUL PROVINCE-CATTLE-FEEDING AND

High weight gain and low cost. V. Borlsenko, Zakup, sel'khoz, prod. no, 12:27-29 D '66,

DZHAMBUL PROVINCE-SUGAR BEETS-IRRIGATION Economics of the irrigation of sugar brots in Dzhambui Province, G. V. Voropiev Gith 1 mei, 10 no 1 35 19

## DZHANGO (AZERBAIJAN)-CLIMATOLOGY, MEDICAL

Effect of the climate of Dzhango on some functional and vegetative changes in the organism. Sh.M. Gosanov, E.M. Kiamili, Shor trud, Azerb nauch. - [sal, inst, kut, i fiz. metod. lech. no. 6-205-209 | 62,

Effect of the climate of Ozhango on the morphology of blood Sh. M. Gasanov, A. I. Dulatova, E. M. Kinmil', Sbor trud Azerb, nauch, -issl, inst. kur, I fiz. metod-lech no. 6, 201-204 [62].

Effect of the Dzhango mountain climate on vegetative changes in the organism according to data of circ-trother mometry and electric resistance of the skin L. H. Kreinina Sbor trud, Azerb, nauch, -isel inst. kur. i fiz. metod. lech. no 6:210-213 162.

### DZHAVAKHETSKIY RANGE-EARTHQUAKES

Main seismic centers of Dzhavakhot highland. O.D. Go-tsadze. Soch. AN Gruz. SSR 44 no. 3:571-578 D '66.

#### DZHŁTYGARA DISTRICT-ORE DEPOSITS

Prospecting trends and methodology in Dehetygara District V R. Artemov Ra ved i och nedr 26 no. 1:10-16 Mr 160

#### DZHEZKAZGAN DEPRESSION-RHODUSITE

Miner alogy and genesia of rhodusite from Dzherkargan Depression and South Minesinsk Lowlind, O. B. Beiseev, Dold AN SSSR 167, no. 2,416-418, Mr. 166,

# DZHEZKAZGAN REGION (KAZAKHSTAN)—COPPER

Tournstion status of copper-bearing sediments of Dzhezkazgan. I.P. Druzhlnin. Dokl. AN SSSR 171 no. 6 1117-1420 D '66.

### DZHEZKAZGAN REGION (KAZAKUSTAN)-MINE SUPPORTS-EQUIPMENT AND SUPPLIES

Stability of interchamber pillars in Drhezkazgan Mine, A. L. Trebukov, L. I. 1 ref. Bezop, truda v prom. Il no.1:44-16 Ja '67.

#### DZHEZKAZGAN REGION (KAZAKHSTAN)-ROCKS. SEDIMENTARY

Formation status of cooper-hearing sediments of Dzherknzgan. I.P Druzhinin. Dokt AN 858R 171 no 6 1417-1420 D 466

### DEHUGDEHUR RANGE-ROCKS, CRYSTALLINE AND METAMORPHIC

'ge and genesis of melamorphic formations in the Stanovoy folded region, 10, B, Kazmin, 1, P, Ropne-tich, Biul, MOIP, Otd, gool, 36 no. 5:134-145 S-O

### DZHUSALY VALLEY---PHLOGOPITE

Ultrabasic rocks and their phlogopile in the Dzbugaly River D. A. Kuznetaova Biul, MOIP, Old gool 35 no 3, 111 142 My-Je 361

#### DZHUSALY VALLEY-ULTRABASTIE

Ultrabasic rocks and their phlogopite in the Debusaly River D. A. Kuznetsova, Biul, MOIP, Old good 36 no. 3-141-112 My-Je 161,

DZUNGARIAN ALATAU—ORE DEPOSITS
Lextural and structural characteristics of ores in Teken
deposits. G M. Tarasevich. Trudy Min muz. no.12. deposits, Ci 108-127 '61,

### EAR-DISEASES

Pathogenesis of ruptures of ologenous cerebral abacesses L. A. Bukhman Zhur ush , nos I gorl bol. 18 no. 4. 51-59 J1-Ag 159

### FAR-INFLAMMATION

Fifect of a novocation block on the course of acute inflanunation of the middle car in experiments on dogs I. M. Ispuganov. Zhur ush , nos i gori bol. 10 no. 4: 59-61 Ji-Ag '59.

### FAR-SURGERY

Adapting an opinhalmological illuminator for micro-operations of the ear, L.I.Kal'shtein. Zhur ush., nos f goal bol. 19 no 4 78-79 Jl-Ap 150.

Fadoural method of tympanoplastics, B. E. Gol'dberg, Zhui , ush, , nos. i gorl, bol. 19 no. 4 52-53 Jl-Ag '58,

Tenestration of the footplate of the stapes in otosclerosis, I.A.IAshan. Zhur, ush., nos.; gorl, bot 10 no. 4 16-51 JI-Ag 159.

Prospects for surgery on the stapes in otosclerosis, & I. Kolomiichenko Zhut, ush., nos, t gorl, bol. 19 A L. Kolomiichenko Z. no. 4,16-27 Jl-Ag 199,

Surgical restoration of hearing in otosclerosis. A.N. Khannuliov. Zhu: ush., nos i gori bol. 19 no. 4-12-17 J1-Ag 159.

Types of audiometric curves in the light of indications for operation on the stapes in otose lerenis, V.A. Gukovich. Zhur, ush., nos. i gorl, bol. 19 no. 4-29-38 JI-Ag | 159.

Variation of a conservative operation in otosclerosis. A.1. Vasilfov. Zhur ush., nos. i gorl bol -19 no. 4 43-16 -J1-Ag = 59

EARED SEALS see subdivision under Komandorskiye Islands; Okhotsk, Sca of; Pacific Ocean

## EARLY MAPS see Maps, Early

EARLY PRINTED BOOKS-BIBLIOGRAPHY see Bibliography—Early printed books

New interralogical hypothesis of the formation of the earth A. S. Uklonskii. Nauch. trudy TashGU no. 234. Geol. nauki no. 20:7-21 '64.

Present-day concepts on the migration of the earth's poles, O.N. Tretiak, Geol. zhur. 21 no. 1º57-89 '61.

### EARTH-CRUST

Applying methods of mathematical statistics in determining velocity parameters of earth's crust by hodo-graphs of reflected waves. A.V. Egorkin. Izv. AN SSSR. Fiz. zem. no. 12:54-61 | 66 Ways to determine velocity parameters of carth's crust profile by hodographs of reflected waves. A V EgotPin Irv AN 55SR Fiz zem. no 11 108-114 166.

### EARTH-FIGURE

interconnection between the transgressive and regressive overlaps, meridional buckle of the Northern Hemisphere M V Stovas Geol, zhui 19 no 6 12-28 159

Numerical characteristics of the local figure of the earth A A Kizhizhanovskaia Zap LGI 43 no 3 106-113

### EARTH-MANTLE

Experimental study of necessary and sufficient characteristics of way, gudes O.G. Shamina Izv AN SSSR Fix yem no 12-3-10 166.

### EARTH-ROTATION

Dynamics of ocean levels and the rotation of the earth's axis G G, Khizanishvili Bid MOIP Old gool no 3 136 My-Je '61

Effect of the variability of the Coriolis force on changes in the geopotential field in the presence of mountains Z. V. Khvedelidze Soob, AN Gruz SSR 27 no 2143-150 Ag 161

Role of the irregular rotation of the earth on the forma-tion of planetary deep faults in the earth's crust M. V Stovas Geol zhan 21 no 213-25 161

Rotation principle as applied to geological processes.

O.I Islamov Nauch, trudy TashGU no. 234, Geol nauki no. 20;267-211 464

#### EARTH-SURFACE

Calculating the age of the earth's crust by the rubidium-strontium method. IU. A Shukofiukov Geokhimifa no. II 1023-1026 161.

Development of earth's clust based on data of isotopes of lead ones. B, N Naidenov, V V Cherdyntsev. Dokl. AN SSSR 172 no. 3,688-691 Ja '67

Construction of the earth dams of the Bratsk Hydroclec-tric Power Station Energ stroi no 7 29-35 '66,

### EARTH MOVEMENTS

(see also subdivision under Kamchaita)

Effect of contemporary movements of earth's crust on geothermal regime of gas and oil-beating regions. A.A Linevskii Azerb, nelt khoz, 45 no 11:12-14 N 166

### EARTH PRESSURE-MEASUREMENT

Method of measuring pressure in soils under foundations, G. D. I nzebnik and others — Osn. , fund, i mekh, grun, 8 no. 5·14-17 -66.

EARTH TEMPERATURE (see also subdivision under Azerbaijan, Korosten' District; Mirnyy region, Antarctica; Siazan' region, Azerbaijan)

Conference on "Thermal methods of increasing petroleum production, and geothermology of oil fields "L.Tolstov. Neft knoz 41 no 10.70 O '66.

Effect of contemporary movements of carthys crust on geothermal regime of gas and oil-bearing regions, A. A. Linevskii Azerb, ncft, khoz, 45 no 11:12-14

Practice in polassium-argon geothermometry and evalua-tion of thermodynamic parameters in forming intrustive hodies. S.B. Brandt and others. Izv. AN SSSR, Ser. geol no. 1;21-30 Ja '67.

Temperature studies of injection wells. V. B. Martirosian, I. V. Zhurik. Neft khoz. 45 no.1:56-58 Ja '67 Use of heat parameters as one of methods for precision of boundaries intectante regionalization. V. N Sobo-levskata, F. A. Makarenko, IU G Bogomotov. Dokl. AN SSSR 171 no. 4 944-917 D 166.

### EARTHMOVING MACHINERY

materials of a scientific conference] Mekhanizatstia dorozhio-stroitel'nykh i meliorativnykh rabot; mate-rialy nauchno-tekhnicheskoi konferentsii. Minsk, 1985, 70 p.

### [MICROFILM]

### EARTHQUAKES

(see also subdivision under Baikal Lake region) Tokyo in fiames. Z. Zavijalov. Az. i Afr. seg. 10 no. 18-9 Ja 167.

### EARTHQUAKES AND BUILDING

(see also subdivision under Tashkent)

Displacement spectrum in calculating structures for seismic stability considering plastic deformations, S. S. Darbinian. Izv. AN Alm. SSR. Ser. teVn. nauk 1° no. 610-21 '66.

Effect of engineering and goological conditions on nature of destruction of buildings during carthquakes, P. M. Gressell. Osn., fund, i mekh. gi up. 8 no. 5,22-25 166. Joints of earthquake-proof buildings in series 1-464AS and 1-464ASP, L. Gendel'man, Na strof. Ros. 4 no 7: 28-27 Jl 183.

EARTHS, MEDICAL AND SURGICAL USES OF (see also subdivision under Uk'dzhay, Lake, Omsk Province)

Reactions of the body to the effect of mud applications in experimental thy ofocious Report No 1 V.S.

Newstrucka and others Vop kur i fizioter i lech fiz kult 31 no 6 532-556 66

### EARTHWORK

(see also subdivision under Volga Hydroelectric Power Station (22d Congress of the CPSU) )

All-Union school for advanced labor methodology for operators of excarators, bulldorers, and scrapers, A.P. Petrov. Meth. stror. 23 no 12 28-30. D 166

Digging foundation pits by excavating soil cores. 1. Barch and others. Prom stroit inzh. soor 8 no 6.6 N-D

Effective method of soil working with D-357G self-propelled accapets INP Ishchento Transp strot 16 no.2,5-6 F '66

Loading automatic dump trucks using buildorers. I Braslarskir Mekh stroi 23 no 1213-14 D '66

# EARTHWORK—EQUIPMENT AND SUPPLIES

Fractor-mounted equipment for vorking took, S. Ben'iaminov Meth stroi 23 no.12 22 D '06

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ECHINODERMATA-EMBRYOLOGY see Embryology-

ECHMIADZIN (ARMENIA)-LIBRARIES AND READERS By the walls of Celmiadzin, G. Mkrtchian, Bibliotekart 14 no 2 26 F 167.

ECONOMIC ASSISTANCE, DOMESTIC see subdivision under Armenia

### ECONOMIC DEVELOPMENT

Problem of economic growth in west German bourgeois political economy, V Kotov. Mir, ekon, i merhdunar, political economy, V otn. no. 2 64-73 '67.

# ECONOMIC FORECASTING

Give more attention to forecasting. A. Klinskii. Vop. ekon. no.1:154 Ja '67.

On forecasting in the optimal planning. S.Strumilin. Vop ekon. no.1:146-149 Ja '67

# ECONOMIC FORECASTING—CONGRESSES

Methodological problems of economic forecasting, G. Kiperman, A. Klinskii, N. Lagutin, Plan, khoz no, 272-79 F '67.

ECONOMIC GEOGRAPHY see Geography, Economic

ECONOMIC GEOLOGY see Geology, Economic

### ECONOMIC HISTORY

[Economic history] Fkonomicheskarı istorili. Muskva, Ekonomika, 1987 553 p

Proposite information. Mir elon i mezhdunar ota, no 1149-135 167.

no 4133-135 *67, i entomic information - Mir elon, i mezhdunar, ota no 2 il -117 *67

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Fred. First GW 112 47-75 165

Dvorlin, I. N., ed. (Criticism of the theories of modern bourgeois economists, R. Theobald, G. Means, P. Samuelson, S. Kuznets.] Kritika teorii sovremennykh burchuznykh ekonomistov, R. Tibolda, G. Minza, P. Samuel'sona, S. Kuznetsa. [By] I. N. Dvorkin id. Moskia, Mysl', 1966 246 p.

Lenomic laws of secritism and the nature of their operation if from the Nauch diell was shirdly, elon, nauki 10 no 178-88 167

Karafaca, M. K. (Foorenice illa karana and the same and th

Karafact, N.K [Economics, the bourgeous political eco-nomy] Economics - burzhuaznaia politekonomia Mo-skva, Nauka, 1966 269 p (CSL-H)

Level of the development of social production and its proportions A Nothin Von even no.1 i5-28 Ja '67 Methodological problems of the criticism of hourgeois

political economy IU Ol'sevich, Nauch dokl.v.s. shkols, elon nauki 10 no 167-75 '67,

# ECONOMICS-BIBLIOGRAPHY see Bibliography-

### ECONOMICS-CONGRESSES

International Conference on the Criticism of Bourgeois Feonomic Theories [A, I ashirin Nauch dokl, vys, shkol,, ckon, naukt 10 no. 175-77 467

### ECONOMICS—DICTIONARIES

Meškauskas, K., and others. ed [Russian-Lithuanian dictionary of economic terms] Rusiskai litetuviskas ekonomikos terminu zodynas Vilnius, Mintis, 1968 290 p [In Lathuanian]

### I'CONOMICS-MATHEMATICAL MODELS

Kornicyskii, R.P. [The economics of socialism and elementary mathematical models] Politicheskala okonomita sotsializma i elementarnye matematicheskie modeli. [Rostov-na-Donu] Izd-vo Rostovskogo univ., 1965. 281 p. (NNC)

### ECONOMICS—STUDY AND TEACHING

Let us persistently introduce the study of economic problems into the educational process. I. A. Bezglazov Sred spets.oh. 13 no.7.1-5 Jl '66.

The main thing in the work of departments of political aconomy. V. Mitrofanov. Nauch dokl. vys. shkoly, ckon, nauki 10 no 15-12 '67

### ECONOMICS-TERMINOLOGY

Scientic determination of the productive forces of the society. V Chelnokov. Nauch dokl.vys shkoly, evon-nauki 4 no.1-106-110 '61

### ECONOMICS, MATHEMATICAL

Barsuk, V.A., and N.M.Gubin. [Mathematical methods of planning and management in the communication system] Matematicheskie metody planirovaniia i upravleniia v khozialsive sviazi Moskva, Sviazi, 1966. 339 p.

Calculating the durability and reliability of machinery N Mikhailovskii. Ekon. sel'khoz. 42 no.1:51-55

Causes of the origin of econometrics V.Shliapentokh Nauch.dokl.vys.shkoly; ekon nauki 4 no.1:95-105 '61.

Determining the optimal combination of branches in an agricultural enterprise. A. G. IAkushev, V. N. Aidin. Ekon. i mat. metod. 3 no. 1:132-138 Ja-F '67.

Dynamics of the national income of the U.S.S.R. and its basic components. Alb. L. Vainshtein. Elon, i mat. metod. 3 no.1:15-28 Ja-F '67.

The interbuanch balance of the economy of an economic region. IU. Chamtak. Nauch. dokl. vys. shkoly; skonnauki 4 no. 1;56-70 '61.

Istomin, L. I., and D. I. Ignat'ev, [Use of mathematical methods and electronic computers in management]
Primenente matematicheskikh metodov i EVM v upravienii. Moskva, Ekonomika, 1966. 71 p. (Bibliotechka khoziaistvennogo rukovoditelia)

Kolodnyi, M.G., and A.P. Stepanov. [Planning for capital investments with the use of mathematical methods] Planii ovanie kapital nykh vlozbenii s primeneniem matematicheskikh metodov. Moskva, Vysahaia shkola, 1966. 83 p.

Optimal distribution systems B. I. Korenblium, V. I. Rynalekii, Lkon i mat metod 3 no. 188-94 Ja-1-167. Possibilities for increasing production through a Letter distribution of agricultural himsches. FR Polymas, Dokl I soob VNIESKH no 28:94-106 165

#### ECUMENICAL MOVEMENT

Week of ecumenical prayers of Christian churches in Buenos-Aires Bishop Nikodim. Zhan Mosk Patr. no 12:64-65 '66.

EDDY ELECTRIC CURRENTS see Electric currents,

Evperimental freatment of brain edema in white mice. V M Samvellan Biol Ann Arm 19 no. 10 78-84 O '66.

EDIBLE OILS AND FATS see Oils and fats, Edible

EDUCATION see subdivision under Brazil; Cuba, Europe, Eastern, Kazakhstan; Khauly-Mansiysk Nalional Area, Mali, Ukraine, United Slates; Vielnam, North; Yugoslavia

### EDUCATION-AIMS AND OBJECTIVES

Along Lenin's course. Vech, sred, shkola 9 no. 3:3-6

A concern of all Soviet people. Sem'ia i shkota 22 no 12-3 Jn 167

Educating a worthy young generation, Scintia i shkola 21 no. 7:4 Jl '66

The 50th year, Nar. ohr, no. 1:2-6 Ja '67, Let us be more businesslike and responsible. Nar, obv. no 2 2-7  $\,\Gamma$   $^{4}67$ 

Measures for improving the work of secondary schools of general education. Shkola i proize. 10 no.12;3-6 D b6.

On a new frontier. Nach, shkola 35 no.1:1-7 Ja 167.

Our diary. Nar. ohr, no. 1487 Ja '67.

The school of life," F. Muravleva, Nach, shkola 35 no. 148-53 Ja '67.

The scope and essence of elementary education. S. M. LAzykov Nach shkola 35 no. 154-69 Ja '67.

Society and the education of achoolchildren. B. S. Kobzar', Sov. pedag. 31 no.1:75-82 Ja 167.

Soviet schools at a new stage. Sov. pedag. 31 no. 1:3-13

Thinking about the congress. Vech, ared, ahkola 9 no. 341-12 My-Je '96.
10ward a new advance of boylet schools. M. Prokofley. Nar ohi. no. 1,7-17 Ja '67

# EDUCATION-BIBLIOGRAPHY see Bibliography-

## EDUCATION-CURRICULA

The effectiveness of planning, I. I. Mirnyi. Vech. sicd. shkola 9 no. 5:19-21 S-O '66.

## EDUCATION—EXHIBITIONS AND MUSEUMS All this the schools will receive. G Sapronova. Nar. obr. no 1.77-79 Ja '67.

Classes in history and social sciences in the V.I. Lenin Museum B. L. Liga. Sred. spets. obt. 13 no. 7:38-40 31 fee.

#### EDUCATION-EXPERIMENTAL METHODS (see also subdivision under Chelyabinsk; Voski esensk, Moscow Province)

A movement for the reform of mathematical education, I Andronov, IU Koltagin nat, obt., no, 2-85-67 F '67, Schools of progressive apperience, V Gaiduhov, Nar, obr., no, 2 16-19 F '67

Scientific organization of work in public education, V Stepanur, Nar. ob., no. 1,121-126 Ja '67, What we should know on the present -day problems of didactics, Nar. obr., no. 1-inserti-15 Ja '67.

### EDUCATION-HETORY

Methodology of education in the schools of the R. S. F. S. R. (the 1920's), Z. Ravkin, Nat. obt., na. 2,75-01 F '67, Methodology of leaching in the schools of the R. S. F. S. R. (the 1920's), Z. Ravkin, Nat. obt., no. 1.08-93 Ja '67,

### EDUCATION-PERIODICALS

A letter to our readers. Semila i shkola 22 no. 1:37 Ja '67.

### EDUCATION—STUDY AND TEACHING

Prosposed curriculum of a course in educational theory for pedagogical institites and universities. Sov. pedag. 31 no.1:36-59 Ja '67.

Proposed curriculum of a course in the history of education for pedagogical institutes and universities, Sov. pedag. 31 no. 1:59-73 Ja '67.

EDUCATION, COOPERATIVE (see also subdivision under Archangel)

Connection between mathematics instruction and the students! work in industrial enterprises, A.V. Makarov, and others. Vech. sred, shkola 9 no, 5-67-70 S-O Psperience in the organization of the agricultural work of students. A G Glubichenko Shkola i proize 10 no 10 35-46 O 766

Inculente the habit of work, V.A. Slobodeniul, Shaola i proizy 10 no. 10 26-21 O 266,

The Komsomol struggles to fulfil the plan. M.A. Mustafaev. Vech. and, shi da 9 no 4:18-20 Mg. 4.

Organization of practical work in agricultural chemistry.

L. S. Sidel hikov — Shkola i prolzy. 10 no 12 37-30 D he

Organization of vocational training of 9th-10th grade students in thools of general education 1. A. Macchino Shkola i prorve 10 no 10 3-9 () '66

Practical work in the lowing of winter grain evop., 5, 4' Kutusheviku, Shkola i proizy 10 no.10 31-33 () 27,

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Students on practical work M. Gershman. Hustball 11 no 1:70 Ju 167.

# EDUCATION, ELEMENTARY (see also subdivision under Orak)

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t 'ut, Discussing the new projects of the curriculum, Afannata eva and other a, Nuch, ahkola 35 no. 1/70-71 Ja 'lat. The scope and essence of elementary education, 5, M. IAzykov, Nath, shkolo 35, no.1:54-69, doi:10.100/

Working with the new Russian language reader for the first grade. V. A. Kuntareva, M. L. Zakozhuratka, c. Nach alkola 35 no. 172-76 Ju 187.

### EDUCATION, ELEMENTARY—CURRICULA

Program of editeation and the teachers' work with the Program of editeation and the teachers' work with the Program, 4, 6, 6or din, Nach, shkola 35 no. 122 79

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EDUCATION, HIGHER (see also subdivision under Kabardino-Balkur A, S, S, It, )

[Bulletin of the Ministry of Higher and Secondary Sptc] at ized Education of the U.S.S.R. [Blut, Min, vys. 1 srcd, spets, obr. SSSR no. 2 F '67,

### EDUCATION, PRIMARY (see also subdivision under Allai Territory)

Our classes in thinking R. Zaza, Nar. obr. no. 1 fc-

Ja 107.
 Raising the level of theoretical mathematics mathematics.
 M. I. Moro. Nucl. abkoln. 35 no. 127-20, 13 Ja 167.
 Vocabulary work in the first grade. J. N. Klamital no. Nucl. abkoln. 35 no. 123-26, 69 Ja 167.

### EDUCATION, RURAL

(see also subdivision under Kalinin Province) Grade supervisors and the problems of vocational trans-ing and instruction. S. V. Kletsen. Shkola i protect 10

no.12:33-35 D '66.

EDUCATION, SECONDARY (see also subdivision under Leningrad; Swedin) Measures for improving the work of secondary schools of general education. Sukola i profes. 19 no.1219-n p. 5.5.

Russia (R. S. F. S. R.) Uchehno-metodicheskii kablart pri srednemu spetali Inomu obrazovania. [Programus d Instruction] Programmirovanno obiehenle, Mosk. 1, Vysshaia shkola, 1966. 37 p.

Studying the "Principles of industrial operations" in secondary schools, N.P. Bulatov, Shkola I prair, 10 no.10.10-14 O '66,

### EDUCATIONAL ASSOCIATIONS

Methodological societies at work, A. T. Mel'nika a, G. A. Chepurnyi, Vech, ered, shkola 9 no. 5:21-25 S-O '66.

### EDUCATIONAL PSYCHOLOGY

Collective ideals and the development of the school hildern's personalities. V. K. Bakelntov. Uch. 7ap. 1.cc., gos. ped. inst. no. 35:03-79 '66.

An important quality of the mind. S. Veksler. Mar. der. no. 1.62-84 Ja 187.

Role of the teacher's personality in the development of a communist attitude toward work. N.1. Its homeona Uch. zap. Sver. gos. ped. inst. no. 35:80-80 166.

Slavina, L.S. [Children with affective behavior | Dill o affektivnym povedeniom. Moskva, Prosveshchenie, 1966, 148 p.

### EDUCATIONAL RESEARCH

(see also subdivision under Poland; Uzbekistan) Some methodological problems concerning the scholarly studies of didactics. Sh. I. Ganelin. Sov. pedag. 31 no. 1:83-103 Ja '67.

# EFFICIENCY, INDUSTRIAL

(see also subdivision under Azerbaijan; Daghestan) Calculating actual cost of the machine hour. V. G. Chirkey, T. K. Grabina, T. A. Nechai, Tekh. 1 org. professor 10 6; 7-9 N-D *66.

Those who are marching toward the future. N. Golyelev. Mol. komm. no. 6:68-78 Ja '61.

(CIENCY, INDUSTRIAL (Continued) ard the higher productivity of labor. IV Dubi ovskit.

kers prepare their presents for the Congress of CPSU IB Pastukhov Mol. komm no 6 23-26 و ا

MOV, MIKHAIL GRIGOR EVICH, 1897-1942 rms commander of unbending will 1. Vishuevetskit, Bochin Votn -19t, zhur, 9 no 1 124-128 Ja 167

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FLANT see subdivision under Ararat Plain

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wital evaluation of the intensity of the development the embryos in hen eggs during incubation. S. O. 1881. TSKHA no 45:65-72 159.

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# PT-ANTIQUITIES

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# PT-INSCRIPTIONS, ARAMAIC

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### T-MONEY

acient Egyptian unit of value O, D Berley Palest. or no.15:5-27 '66.

PTIAN ANTIQUITIES see subdivision under Lenng rad

PTIAN CHRONOLOGY see Chronology, Egyptian

### PTIAN LANGUAGE—PAPYRI

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ENBURG, IL'IA GRIGOR'EVICH, 1891-

e source of intelligence (conclusion). A. Mirhalevich. 101, komm. no. 10:5° jul '66.

### ENFUNCTIONS

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carsion in eigenfunctions of self-adjoint operators oper-spouding to common clithtic problems containing gen-aluss in the boundary conditions. V V Barkovskit kr. mal. rhur. 10 no. 1 0-21 167.

### STED, ALBERT, 1879-1055

STEIN, AIDERT, 1879-1959

<u>Stein, Albert.</u> [Collection of scientific works in four clumes] Sobranie nauchnykh trudov v chetyrekh tomakh.

Cod red. I.E. Tamma, IA.A. Smorodinskogo, B.G. Kuzetson Moskva, Nauka.

Vol 3 [Papers on the kinetic theory, radiation theory, and the fundamentals of quantum mechanics, 1901-1955] Raboty po kineticheskoi teorit, teory.

r il izluchentia i osnovam kvantovoj mekhaniki, 1901-1955. 1906. 631 p. (Klassiki nauki)

### A M-COMMONS

raterally' contracts in Clam, IU.B. IUsifov, Vest. Lev. ist, no. 4.3-16 '66.

### STIC PLATES AND SHELLS

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eci of preliminary contour stressing on the carrying apacity of a shallow double-curvature reinforced contests shell supported in the corners. N. V. Akhvlediani, P. Sokhadize. Soob, AN Gruz, SSR 26 no. 6:607-694

divalent linearization of nonlinear equations in the heavy of clasticity and the application of equivalent nearization to problem in the theory of the stability 4 stells, M.O., Killchevs'kyi Dop, AN URSR no. 7.

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Impression of a panch in the side surface of an clastic vedge-shaped foundation. S. V. Lutchenko. Prikl makh 2 no.12;61-66 '66.

Integral operator method in theory of vibrations of anisotropic bodies in errep, N.M. Dolinina Dop AN URSR no 10 1276-1279 466,

Logarithmic partial solutions of the equation of cyclical deformation of a shallow tapered shell. I. F. Voykodav. Prikl. mekh. 2 no. 12:49-53 '66.

Problem of rapidly oscillating forces in the statistical theory of the stability of shells. V. M. Honcharchko. Dop. AN URSR. no. 7.887-890. 462.

Research on the investigation of the bending of plates beyond clastic limit. A.I. Streibitskafa. Prikd mekh 2 no.121-17 66.
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Summer school on the problem "Physical and geometrical problems in the theory of plates and shells." IU.R. Lopik Priki mekh 2 no 12:135-136 '65.

Supercritical deformations of cylindrical shell under external load, V V. Mykhailov, Dop. AN URSR no. 12 1545-1517 '66

### ELASTIC PLATES AND SHELLS-VIBRATION

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Nonlinear vibrations and stability of rods subjected to dynamic loading. L.I Manevich, IU, K. Privarnikov, Prikl-mekh. 2 no.12;54-80 ⁶68.

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### ELASTIC SOLIDS

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### ELASTIC SOLIDS—VIBRATION

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### CLASTIC WAVES

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Generalized theory of couple-stresses in elasticity theory, V. A. Lomakin. Vest Mosk, un. Ser. 1: Mat., mekh. 22 no. 1:82-86 Ja-F '67.

Impingement of a cone against a thin elastic moinbrane, S.S. Grigorian, D.M. Grigorian Prikk, mat i mckh 30 no 6 10 85-10 H. N-D. '66.

Iterative process for solving funte-dimensional contact problems. V. M. Fridman, V. S. Cherman. Zhiu, eych mat, 1 mat. fiz. 7 no. 1 160-163. Ja-F. 167

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### ELASTICITY-BOUNDARY VALUE PROBLEMS

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### ELASTICITY-PROBLEMS, EXERCISES, ETC.

Gor Povskii politekhulchoskii institut. Kafodra soprotivlenila materialov Standard problems for tests and examinations on the courses of the strength of materials, theory of elasticily and mechanical engineering Tipovye zadachi k zachetam i ekzamenam pa kursam soprotivlenila materialov, teorit uprugosti i stroitel noi mekkunike mashin. Gor kii, 1964–18 p. [MICROFILM]

### ELASTOMERS

Effect of the condities of solidification on the protective properties of coatings based on the GEN-190/V and VDU-3 elstomers, M.K. Kovaleva, Z. S. Utianskii, Lakobras, mat i ikh prim = no 6.25-29.166.

#### ELBRUS. MOUNT-METEOROLOGY-OBSERVATIONS

Actimometric and general moteorological observations on the Fibrus saddle (5, 300 in above sea level). A P Votoshim Vest, Mosk, un. Sez. 5 Geog. 16 no 152-59 Jac F '61.

ELECTION LAW see subdivision under Estonia; Kirghizistan; Latvia

### ELECTIONS

Clubs for voters Agitator 34 no 3:2-5 F 167.

Disctions to the Soviets. Igilator 34 no. 2:6-7 Ja 167.

Plections to the soviets and tasks of the party organizations. Part zhizn' no. 2:10-22 Ja '67

Helpers of the party N. Tatarchuk Agitator 34 no. 4' 5 F 167

Promote the significance of the election activists, N. Kuksa. Part zhizn' no. 3 38-39 F 167

ELECTRIC APPARATUS AND APPLIANCES-DRAWINGS Standardizing regulations for the presentation of drawings of electrotechnical devices. D M Malkin Stand.i Fach. 30 no.11 22-24 N 466

### ELECTRIC ARC

Rakhovskii, V. I., G. V. Levchenko, and O. K. Teodorovich. [Arcing-lips of electrical apparatus] Razryvnye kontakty olectricheskikh apparatus Podrad V. I. Rakhovskogo. Moskva, Energiia, 1966 294 p.

### ELECTRIC BATTERIES-STANDARDS

[Storage devices cells, and hatteries] Akkumullatory, clementy i hatarel. Izō, ofitsial'noc. Moskva, Izd-vo Standartov, 1965. 211 p. (SSSR, Gosudarstvennye standarty)

ELECTRIC BREAKDOWN see Breakdown, Electric

ELECTRIC BRUSHES age Brushes, Electric

#### ELECTRIC CADLE SHEATHING--CATHODIC PROTEC-TION

Corresion and methods of protecting the aluminum sheathing of communication cables. A. F. Lunev. K. K. Nikoliskii. Zashch-met. 3 no.1485-91 Ja-F 167.

### ELECTRIC CABLES

Installation of 200 kv. oil-filled cables in the Bratsk Hy-droelectric Power Station. Energ strot. no. 1:60-64

166.

LK-1 and LK-2 calibrating lines for cables. Prom. strot.
i inzl., soor. 2 no. 6:38 N-D 168.

New regulations on laying and fanning out a cable. L !, IUrisev Aytom., telem. i sviaz 10 no 11:18-21 N 166.

ELECTRIC CABLES—CORROSION
Construction of the sheathing grounding of a long-distance communication cable, E. P. Alekseev, I. N. Stotskats. Avtom., telem, t sviaz! 10 no.11 9-10 N 166.

Epoxy paint corresion protection of cable pipelines. V. I. Safronchik. Enorg. stroi. no 7 67-70 186.

### ELECTRIC CIRCUITS

Calculating a circuit consisting of series connected nonlinear resistance and load shunted by a capacitance. L.A. Fridman, V.M. Frastsevich, V.P. Tabachnik, Defektoskopija 2 no 5:65-102 *66.

#### ELECTRIC CONDUCTIVITY

- Effect of electron in adiation on the electric properties of gallium arsenude M.A. Krivov. S.V. Maliano., V.N. Brudnji Lzv.vs ucheb zav., fiz 0 no 6:133
- Study of the reaction involved in the formation of uranyl fluoride by means of electric conductivity. A A Vorontsova Zhur neorg khim 12 no 1108-110 Ja '57

#### ELECTRIC CONDUCTORS

Lysachenko, I.A. [Electric and radio-engineering materials] Elektro-radiomaterialy, Moskva, Sviaz', 1967.

#### ELECTRIC CONTACTORS

Rakhovskii, V. I., G. V. Levchenko, and O. K. Tsodorovich [Arcing-tips of electrical apparatus] Raznyvnye kontakly elektricheskikh apparatov Pod red. V. I Rakhovskogo Moskva, Energija, 1866. 2849.

### ELECTRIC CONTROLLERS

- Noncontact PI regulator of the ferrodynamic system of instruments IU O Abugo, K I Didenko, G I Zagarif Bul tekh -ekon inform Gos, nauch -tesh inst nauch 1 tekh inform 19 no.11 bt-58 N '66
- Potentiostatic study of the state of nickel electrole surface in alk-line solution. V. R. Loodmaa, M. E. Khaga, V. L. Past, Izv. vvs. ucneb. zav, khim. i khim tebh, 9 no. 5:799-801 '66.
- Raising the level of engineering efficiency of electric control systems for woodworking machines E V Gutnichenko Telh i org proizv no. 5:21-25 N-D '68

### ELECTRIC CURRENT CONVERTERS

- Ejectronic-jonic single-phase to three-phase a c frequency converter for regulating the speed of asynchronous motors. D. A. Zavalishin, B. F. Shukalov Shor rab, po vop. elektromekh no 4 92-102 160
- General rules and methodology for studying steady-state and transient operating conditions in the network of the single-phase tonic converter of an electric focomotive. S V Zakharevich, Shoritab poxop elektromekh no 4 122-147 160,
- Some problems in the protection of valve converted s M. Z. Khamudkhanov, S. Z. Usmanov, K. Muminov AN Uz. SSR Ser, tekh nauk 10 no. 6,28-33 166.
- Static converters using regulated slitcon rectifiers. G. A. Shither Elek, repl traga 10 no 12 10-11 11 166
- (Systems for excitation and regulation of synchronous machines and large static converters] Sistemy vozbozhdenija i regulirovanija sinkhi onnykh mashin i moshchnye staticheskie preobrazovateli. Moskva, Nauka, 1987. 213 p.

## ELECTRIC CURRENT RECTIFIERS

- Bykov, E.I [Silicon power rectifiers] Silovye kremnie-vye vypriamiteli Moskva, Energia, 1966, 96 p (Biblioteka elektromontera, no 210)
- Calculation of fault conditions during the breakdown of a rectifier in rectifier units using an automatic computer V, I Stul'mkey, E. V, Kolchey, V, A. Kravtsov, Energ. i clck. no B, Jz-34 N-D '66
- Controlled semiconductor rectifier with nonsymmetrical anode voltage V. P. Bondarenko. Gor elektromekh. i avtom no. 124-27 165.
- Distribution of the potential in acctifying elements of the system Al Bi Sc dielectric Cd and Sn alloy R. A. Soloviev. Izv.vys.ucheb.zav.; fiz. 9 no 6:36-39 '66.
- Parallel operation of d. c., generators and nonregulated rectifiers, 1, V. Zhezhelenko and others, Energ 1 elek. no. 5 22 N-D *66.
- Pulsations of reciffied current in teciffier motors. V.A. Kuchumov Vest, TSNII MPS 25 no. 7 14-48 186.

### Rectifiers, Radio no 11 55 N 166

- Scientific and technological conference on the use of somiconductor power restifiers and thyristors in rallroad transportation, V.N.Stasiuk, Elevtrichestvo no. 1:91-93 Ja 167.
- Storage battery charging device using germanium 1 ecit-fiels V Gavriushin Tekh v sol'khoz 21 no. 12.98-39 D 'C1,

# ELECTRIC CURRENT RECTIFIERS-SAFETY MEASURES

Protection of semiconductor rectifiers from dama , ( ) due to reverse current fluctuations. A.I. Uyanov. Elektrichestyo no. 1:72-77 Ja 167.

### ELECTRIC CURRENTS-GROUNDING

- Methods for calculating the leakage resistance of the reinforced concrete foundations of power transmission line towers, N. P. Katigrob, Elek. sta. 37 no. 12 64-65 D '66.
- Stability of the resistance of grounding devices in soils treated with small doses of electrolytes A.V. Sergeev. Dokl TSKHA no 44:85-91 '59,

### ELECTRIC CURRENTS, ALTERNATING

- Dynamic characteristics of glow discharge on alternating current. IU. M. Emel'ianov. V. F. Gyozd'. M. M. Bogo-rodskii. Vest. Mosk. un. Ser. 2. Khim. 21 no. 6:8-11 N-D 186.
- Effect of alternating current on anodic processes in aqueous solution of acetate, C. A. Korchinskii, C. F. Fedorov, Elektrokhimiis 2 no. 12:1395-1399 D ¹66,

### ELECTRIC CURRENTS, EDDY

- Calculation of citizents and potentials in the vall-ground-underground structure system IV Strizhevskii Structuboprov 8 no 12 15-17 D 161
- Calculation of addy currents in conductors with comple F I Peti ushcako Izv AN SSSR Energ i transp form F I Petrusha no 6 59-70 N-D 468

### ELECTRIC CURRENTS, LEAKAGE-MEASUREMENT

The IPU-2 equipment for mersining and recording leakage piramiters in electric locomotive haulige systems. V L Kozhevnikov Gor elektromekh i avtom no 1 57-

### ELECTRIC CUTOUTS

Thi ee-column mast-type disconnecting switch. I. Solomiak. Piek i tepl, daga 10 no. 12 17 D 166.

### ELECTRIC CUTTING MACHINERY

- Basis for the selection of electric operating conditions in electro-erosive grinding of hard alloys M N Ultin, E A Decv Trakt i sel'khozmash 30 no 3 39-12 Mi NG.
- I lectric spark precision squipment. B.I.Stavitskii Mashinostroite1[‡] no.1:10-12 Ja ¹67
- Discrical apparatus for cutting glass Strot i arkhit Uzb = 7 no.12 49 D 466

### ELECTRIC CUTTING MACHINERY-EQUIPMENT AND SUPPLIES

Set of special attachments for electric erosion machines. G B. Remizov Biul tekh -ekon mform Gos nauch - 1ssl, just, nauch i tekh, inform 19 no 12 27-32 D 166.

### ELECTRIC DISCHARGES

- Effect of fiame interaction on situatural and spectroscopic characteristics of pulse discharge. M. A. Sultanov. Zhun, prikl spekt 5 no. 5:574-590 N 166.
- Zhin, pinki spekt 5 m. 1914-2014 Possibility to study the pinch-discharge from stimulated self-radiation. V. M. Likhachev, M. S. Rabinovich, V. M. Sutovskii Piel v red. Zhin, eksper i teoret. fiz. 5 no.2,55-57 Jo 167
- Processes occurring at electrodes during passage of elec-tric current through electrolytes BR Lazarenko, N. 11 azarenko, Flek ebi mat, no 13-10 166
- Production and spectroscopic study of plane-parallel axisymmetric plasma layer of pulse discharge with wide temperature range, V. A. Bondar', L.1 Kisckyskii, Zhur, prikl. apekt, 5 no. 5:568-573 N '66.

### ELECTRIC DISCHARGES THROUGH GASES

- Dynamic character istics of glow discharge on alternating current. IU. M. Emellianov, V. F. Gvozdi, M. M. Bogo-rodskii Vest. Mosk.un. Ser. 2, Khim 21 no. 6;8-11 N-D '66
- Pavlova, E.N. [Gas-discharge photon counters] Gazo-razriadnyc schetchiki fotonov. [Leningrad] Izd-vo Leningramiv., 1966, 109 p.
- Spectroscopic and probe study of a contracted positive discharge column. Part 2. IU. B Golubovskil, IU. M. Ragan, R I Lingushchenko, Opt, i spektr. 21 no. 5 525-531 N 166.
- Studying some class acteristics of excitation of copper spectral lines in hollow-cathode discharge, P.P. Ostroumenko, Zhur, prikl, spekt, 5 no. 5;501-505 N
- Studying the discharge plasma in helium and argon doped with cestum and polassium vapors. Part I. N.D. Morgulis, I.N. Polushkin. Teplofiz, vys.temp. 4 no.6: 745-752 N-D 165.
- Waves and noises in a positive column plasma at lot pressure. A A. Zaitsev, B.N Shvilkin, Dokl. AN SSSR 172 no. 3:565-568 Ja 167.

### ELECTRIC DOUBLE LAYER

- Structure of electric double layer on platinum in the presence of surface-active cotions and anions. G.N. Mansurov, V.E. Kazarhov, N.A. Balashova, Elektro-khumila 2 no. 12.1438-1443 D '66.
- Structure of the dense part of double layer. L.1.
  Krishtalik, Electrokhimita 2 no. 12:1483-1485 D '60.

# ELECTRIC DRIVING

- Ankhimiuk, V. L., and O. P. Il'in. [Designing of automated electric drive systems with amplidue amplifite s] Ruschet sistem automatizirovannogo elektroprivoda s elektromashinopuni usiliteliami. Minsk, Vyshoishala shkola, 1968, 232 p.
- Concerning the analysis of the synchronous motor of the main unit of a Bluming drive. G. V. Rubisov Shor, tab po vop elektromekh no. 4,20-33 '60
- Special features of the design of the electrical drive of a crans trolley. M.M. Perellmuter. Elektrichestvo no. 1(52-55 Ja 167.
- Static convertors in the electric drive of pulp grinders.
  O. E. Terebilo. Bum. prom. no.1:10-11 Jn '67.
- Testing the parameters of TsPO centrifugat drives. V. K. Tutiunnik, Mash, i obor, dila mekh, i aytomatiz, trud, prots, y ugoli, prom, no, 2:325-320 165.

### ELECTRIC DRIVING-MODELS

Simulation of the excitation networks of d. c. machines in the electrodynamic models of electric drives. V V, Rudakov, V, M. Mamedov. Shor, rah, po vop. elektro-mekh. no. 4:103-112 150.

- ELECTRIC ENGINEERING-BIBLIOGRAPHY see Bibliography-Electric engineering
- CLECTRIC ENGINEERING-HANDBOOKS, MANUALS,
- Pasechnik, N.D [Elementary electrical engineering]
  Elementarnaia elektrotekimika 10. ispr lzd. Kjev. Tekhnika, 1965 223 p

### CLECTRIC ENGINEERING-PERIODICALS

Contents of "Elektromekhanika" for 1966, [2v, vys, ucheb zav , elektromekh, 9 no. 12 1100-1407 [6]).

# ELECTRIC ENGINEERING-PROBLEMS, EXERCISES.

- Ell., Chekanov, V.D. [Collection of problems and exercises in general and mining electrical ougliner ing] Sbornik 24Ach i uprazhbenii po obshchoi i gornoi elektrotekhnike. Moskva, Nedra, 1966. 223 p.
- ELECTRIC EQUIPMENT INDUSTRY-ACCOUNTING see subdivision under Moscow

### ELECTRIC EQUIPMENT INDUSTRY—PRODUCTION STANDARDS

Important trend of improving economic work in enterprises. A. Kosichkin Sots, trud. 12 no. 2:102-105 F 167.

#### ELECTRIC FIELDS

- Behavior of a heavily alloyed semiconductor in an elec-tic field. Z.A Kasamanian Vest. Mosk un. Sec. 3; Fiz . astron 21 no 6;11-18 N-D '66.
- Fife to constant electric and magnetic fields on the optical properties of monavial crystals in which excitons are generated. IV. A TSvirko. Ukr, fiz, when, 4 no. 51654-663 S-O [98].
- Lifect of divalent impartities on the electroconductivity of solid dielectrics in strong electric fields. A.V. Baranov, N.I. Dimova. 12v. vys. ucheb. /av.; ffr. 9 no.6.149-150 '66.
- Effect of electric field on chemisor ption of molecules on the surface of germanium. V. I. I.dashenko. A. A. 4cba. I. I. Stepko. Kin. i kut. 7 no. 6;1095-1098 N-D 485.
- Electric field effect on the electroconductivity of solid and liquid organic semiconductor 9 M. I Hashankey, P. K. Mitskevich. Lev. vys. ucheb. Anv., fiz. 8 no.6225-127 '66.
- Electric moment of a spherical particle allowing for the conductivity of the particle and the medium. A, V, Rastorgueva. Izv. vys. ucheb. Zav., 112. 9 no. 5:7-10 '66.
- Method of studying dynamic nonlinearity of ferroclectric crystals in superhigh-frequency fields. I.V. Ivanov. N. A. Morozov. Piz. tven tela 8 no. 11:3218-3225 N 'C5.
- Motion of charged distorations in LHT cryptals in alternat-ing electric fields D. G. Drifacy. V. A. Melik-Shevima-zarov Fiz.tver telu 8 no H 3280-3281 N '56
- Motion of organic liquids in an alternating inhomogeneous electric field. 1. M. Solodovnichenko. Izv.vya.ucimb. zav ; fiz. 9 no.6:151-152 | 66.
- Sound of brations in dielectrics in external electric fields. L.V. loffe. Fiz.tver.tela 8 no.11;3274-1270 N 46.

### ELECTRIC FIELDS-MEASUREMENT

Method of measuring the electric field enerted by developing seeds. L. K. Chennova, Pick, obt., mat. no 1;67 69-168.

### ELECTRIC FILTERS

- High frequency wave traps. Elck, sta. 33 no. 3,02 Mr
- Kisliakov, I.S. [Designing of electrical filters] Raschet elektricheskikh ill'trov Moskva, Energisa, 1967. 80 p. (Biblioteka po radioelektronike, no.6)
- Slavskii, G.N. [Active RC and RCL filters and selective amplifiers] Aktivnye RC- i RCL- fil'try i izbiratol'nye usiliteti Moskva, Sviaz', 1906 215 p.

### ELECTRIC FISHING

- Damage in Caspian sprat caused by electric fielding. I.V. Nikonorov Ryb. prom. 55:8-14 '00.
- Device for electric fishing. S. Malkavicius. Shor. (robr. v ryb prom. za 1961 g. .19.
- Reaction of saurel to light as related to the amount food consumed. S.G. Zusser. Trudy VNIRO 60;215~ 228 466.

### CLECTRIC FURNACES

- Kryptoi furnace as object of control. S. A. Zakhatov. Ogneupory 31 no. 12:18-22 D 160.
- ELECTRIC FURNACES—DESIGN AND CONSTRUCTION Performance of periciano-spincifide brick in electric steel smalling furnaces, M. N. Kashicheva and others. Stall 21 no. 11:992-995 N 101.

### ELECTRIC FUSES

Contactless network for checking fuses. P. N. Zhillisov. Avtom., telem. i sviazi 10 no. 12:40-41 D 166.

### ELECTRIC GAUGES

Device for determining breakdown point in insulation of current supply to electric drill during feed on the scheme of two wires and pipe. A. F. Petrunin. Mash. i neft, obor. no. 11:30-31 166.

#### ELECTRIC GENERATORS

- Contactless voltage regulators for d c and a.e. generative  $I_{\rm c}$ t. Burson, M N Pesenko Izv. vys. ucheb ... av., eloktromekh. 9 no 12,1373–1379–166.
- betermination of the number of turns of the stator winding of in especial moons generator with maximum load right. K. 6. konoples 129, vy. ucheb zav., elektronickh, 9. pp. 12427-1231. ich K G Isonoplev 129 no 12 1337-1341 466
- Heater al braking of bydiogenerators, I, Diohoglav, G, I, Vitkova, I lek, sta. 31 no. 12 41-44 D 166. I mei geney excitation of the generator of the Tilipo diosel hocomotive M, N Bratukhin, A. I Ivanov E i tepl. traga 10 no. 12 37 D 166.
- Hunersteiney excitation of the main generator, L. ko., Elek i tept, daga 10 no. II 40-41 N 166 D. G. Evdn -
- Pailure of an auxilliary generator. E. A. Boer, Elek. r topl, than 10 ma, H. H. N. '66.
- Partitle operation of degenerators and nonregulated recibiters. I V. Zhechelenko and others. Linergi elektro 6,22 N-D 665.
- no e.22 N-D (66).

  Problem concerning the electric braking of synchronous generators. V. I'. Krehtellan, N. S. Shiyi. Shor rab, po vop elektromak, no 1 56-62 (66).

  Use of asynchronous generators in hydroelectric power stations. V. V. Mikhallov. Liek sta. 37 no.12 (8-10).
- Voltage fluctuations of a synchronous generator, A.V. Novil ov, N.G. Tealiuk, Elektrichestyn no. 1,85-67 Ja 167.

### ELECTRIC HEATING

Contactles; control chains with semiconducting elements for the automation of electric heating installations. f. Kudukuwisev, A. Manykin Tekh. v Belikhor. 26 no. 12:31-31 D 466.

#### ELECTRIC HEATING ELEMENTS

- Manufacturing heating-element branches of PhTe and PhSe semiconductor alloys by hotextruston, V.5 Smirmy, A.M. Alekseev, III P Shishkin Trudy LPI no. 260:5-11 [65]
- Problems of the technology of producing heating element branches of the BigTe3-SbgTe3 alloy by extrusion. Sinfi nov. A.M. Alekseev. Trudy LPI no. 260-12-17
- ELECTRIC INDUSTRY WORKERS see subdivision under

### ELECTRIC INSTRUMENTS

- Device for checking the closed angle of breaker contacts, A Katyshev Avt transp. 40 no.6 50 Je '67 l'Hiclency meter for road tests of a carbinetor engine, P.V. Fedorov, N.G. Samoli, Avt. prom. 33 no 1:17-19 Ju '167.

- ELECTRIC INSULATORS AND INSULATION

  Danage of insulators in 6-15 kg, power distribution
  networks in the Ukrainian S. S. R. V. V. Sarapkin, V. N.
  Kko Mar. Tick sta. 37 no. 12,89-07 D '66.
- I ffect of difficult climatic conditions on the structural materials of high-voltage insulators. B. I. Gaidash, I. M. Mironov Fuerg stroi, no. 7/70-74 166
- Investigating aging of insulation in NB 412M traction mo-tors. V. Ch. Ozembiovskii. Vest. 45NH MPS 25 no.8: tors, V. C
- Lyacklenko, I.A. [Electric and radio-engineering ma-icrials] Elektro-radiomaterialy, Moskva, Sviaz', 1967. 195 p.
- Maximum potential during a rain at long and short to m action of commercial frequency. E. V. Kallnin, O. V. Karpova, Llek, sta. 37 no.12,58-61 D '66,
- New method for reinforcing 3-16 ky, pin insulators, P I, Gudima, Elek, sta, 37 no. 12:83 D 468,
- Support insulators with helical ribbing, P. Boginskil, B. I. Gaidash, V.N. Glushchenko Elek, sta 33 no. 3 71-75 Mr 162.
- Susceptibility to damage of suspension insulators on 110 and 220 ky power transmission lines, IU. B. Shur Elek, sta. 33 no 3 03-04 Mr 102.

#### ELECTRIC INSULATORS AND INSULATION-RE-LIABILITY

- Operational reliability of insulators in regions of con-siderable pollution. E. N. Dagaev, E. A. Timmerman, Vest. TSNII MPS 25 no. 7:40-51 '06.
- ELECTRIC INSULATORS AND INSULATION-STANDARDS
- Russia (U.S.S.R.) Komitet standartov, mer i izmeritelinykh prihorov. [Solid olectile insulaling materials; inclined for determining are resistance] Materialy elektroizellatsiomys two dye; motody opredelenia dugostokosit, GOST 10345-66, Ezd. ofitsial'ince. Moskva, Izd-vo Standartov, 1086, 10 p. (SSSR, Gosudarsivennye standarty)

# ELECTRIC INTERFERENCE

Interference of various frequencies due to bremastrahlung 1A. B Zel'dovich. Pist. v red, Zhur, eksper, i teoret, fiz 4 no. 10:426-429 N 168.

### ELECTRIC LIGHTING-STANDARDS

ELECTRIC LIGHTING—STANDARDS
ILBASIA (U.S.S.R.). Komitot standartov, mer i izmeritolnykh priborov. [Light likiuros with incandescont lamps
and high-pressure moreury lamps for lighting streets,
roads, and squares, general technical requirements]
Svetu'niki s lampami nakalivanila i dugovymi riutnymi
iampami (DRL) dila osveshchenila ulits, dorog i ploshchadoi; obshchic tekindicheskie trobovanila. GOST
8045-60. Izd. ofitsial'noe, Moskva, Izd-vo Standartov,
1866. 15 p. (SSSR. Gosudarstvennyo standarty)

### ELECTRIC LIGHTING OF SHIPS

Obiladchikov, G.IA. [Electric lighting equipment of ships, maintenance and care] Sudovoe elektroobo: udovanie osveshcheniia, obsluzhivanie i ukhod. Moskva, Transport, 1988. 45 p.

#### ELLCTRIC LINES

- ELECTRIC LINES.

  Construction of scatfolding for high-voltage electric transmission cubics. IU. Blagodeteles, V. Bugger. Prom. stoil lingh, soor. 8 no. 6 38 N-D '65.

  Petermination of conductor stres using a method of economic intervals. A M. Mantlov, D. I. Rozinsku, V. P. (Avorskit. Energ., relet., no. 6 44-45 N-D '66
- Method of characteristics for solving the telegraph equa-tion. Ch. M. Dzhavarly, E. V. Dmittley, E. M. Alizade, Izv. An Yzerb. SSR-Ser. fiz. -tekh i mat nauk. no. 4 118 -

## ELECTRIC LINES-MAINTENANCE AND REPAIR

Consideration of line susceptance in searching for fault points in lines using locating instruments, G. M. shalyt, Elektrichestyo no. 1 17-20 Ja 167

### ELECTRIC LINES-OVERHEAD

- Calculation of overhead power transmission lines with
- Calculation of overnead power transmission lines will different height of suspension points. M. M. Krymskii. Elek sta. 33 no. 3 59-63 Mi. 162.
  Damage of insulators in 6-73 kg., power distribution networks in the UFI anina S. S. R., V. V. Sarajikin, V. N. Klochko, Lirk, sta. 37 no. 12,56-87 D 166.
- Disconnection of 220 ky power transmission lines not under load F A.Likhachev. Elek.sta 33 no 3 63-71 M1 16)
- I ffect of difficult climatic conditions on the structural
- Filter of difficult climate conditions on the structural materials of high-voltage insulators B 1. Gaidash, I. M. Mitonov. Energ stroi no 7-70-74 '66, Fastening of wires on the pin insulators of intermediate poles of 6-10 ky. Tines IU. F. Belousov. Eley sta. 37 no 12 83-85 D '66 Five hundred ky. electric transmission line from the Staling and Hydroelectric Power Station to Moscow. A. D. Romanov. Energ. Stroit no. 2, 296-201 206-201.
- Romanov. Fracts, strol no 21206-212 '61.
  From experience of operating machines for executing clustric power transmission lines. M. N. Solovov.
  Transp. strol. 16 no. 3.10-11 Mr. '66.
- Kernogo, V. V., and A. Sh. Kogan. [Methods and program for calculations using the "Minek-2" digital computer for the selection of the cross section of power trans-mission lines taking into account the dynamics of the load and the local conditions | Metodika i programma rascheta na EVM "Minsk-2" vybora sechenii provodov linii elektroperedachi s uchetom dinamiki nagruzki i mesinykh uslovii. Minsk, Vychislitel'nyi tsenti,

### [MICROFILM]

- Maximum potential during a rain at long and short to m action of commercial frequency, E. V. Kalmin, O. V. Kalpova, J. lek. sta. 37 no 12 58-51 D 166.
- New method for reinforcing 3-10 kv. pin insulators, P. I. Gedima, Elek, sta 37 no, 12-83 D '66,
- Susceptibility to damage of suspension insulators on 110 and 220 ky power transmission lines IU B. Shur Elek sta 33 no 383-84 Mr *62

# ELECTRIC LINES-POLES AND TOWERS

- dee also subdivision under Latvia)
  Methods for calculating the leakage resistance of the
  1 inforced concrete foundations of power it ansmission
  line towers, N. P. Kaitgrob. Elek. sta. 37 no. 12 64-65 D 166.
- Pôles made of spun reinforced concrete with lightwelght aggregates. V Sh. Kalandadze. Bet.i zhel. -bet. no 12; 540-544 D 161.

### ELECTRIC LINES—SAFETY MEASURES

Experience in the operation of magnetic-valve dischargers, D. V. Shishman Elek, sto. 37 no. 12:85-86 D '88.

### ELECTRIC LOCOMOTIVES

- Automatic valve for discharging condensate. V. D. Zotov. Elek, i tepl, traga 10 no 11,32 N '66,
- Electromagnetic processes during smooth regulating of voltage of traction motors. N I. Radionov. Vest TSNII MPS 25 no.7.40-44 466.
- Central rules and methodology for studying steady-state and transfert operating conditions in the network of the single-phase ionic converter of an electric locomotive S. V. Zakharevich Sbor. rab po vop, ciektromekh no. 4:122-147 160.
- Investigating aging of insulation in NB 412M traction motors, V. Ch. Ozembiovskii Vest, TSNII MPS 25 no. 8. tors, V. 66.
- Measures in increasing the life of VL3 and VL23 electric locomotives, V. G. Zamura, I. R. Litvinov. Elek, I tepl. tiaga 10 no.11,7-10 N *66.

### ELECTRIC LOCOMOTIVES-COLD WEATHER OPERA-

Cold weather operation of ChS2 electric locamotives, E E. Ridel'. Elek. I tepl. tiaga 10 no. 12 35-37 D '66.

### ELECTRIC LOCOMOTIVES-CURRENT SUPPLY

- Saving of electric power, an important duty of the engineer G. I. Gavrilov, Elek, I tepl. ttaga 10 no 12:10-11 D '66.
- We have changed the power supply networks of pantographs and main switches. A.F. Tiunov. Elek, i tepl, tisga 10 no.11,35 N '56.

### ELECTRIC LOCOMOTIVES -DESIGN AND CONSTRUC-TION see subdivision under Krivoy Rog Basin

# ELECTRIC LOCOMOTIVES—ELECTRIC EQUIPMENT

- Chick of the magnetic execut of inductive shunts of VL8 electric locomotions. N. A. Serdiuk. Fick 1 tepl. tags 10 no 11 17-19 N 'bB
- Regulation of electric locomotive relays: A 5 Prokopen-bo Elek r ti pl tiaga 10 no 12/33 D '46

### ELECTRIC LOCOMOTIVES-MAINTENANCE AND REPAIR

- Suggestions on the repair and modernization of VL8 electric locomotives, V A Terentiev. Elek i tepl traga 10 no 12 32-33 D '66
- We have blocked motor and brake modes. A. I. Ponomarev. Flek I tepl traga 10 no. 11-34 N '66.

### ELECTRIC LOCOMOTIVES -- PERFORMANCE

Effect of ucar of wheel pair tires on tractive properties of cleanic locomotives MF Medyadev, GN Volvov Vest ISNII MPs * 25 no 7 36-39 * 166

## CLECTRIC LOCOMOTIVES—SAFETY MEASURES

In the interest of rolling stock safety, A, V, Repashev sku, N N Gommoov Elek repl. maga 10 no 11 35 N '66

### ELECTRIC MACHINERY

- Calculation of dissipation in the tooth heads of electrical machines 14 B Danllevich. Shor rab po vop elektrometh no 4 31-43 *60
- Calculation of eddy currents in conductors with complex form E I Petrushenko, Izv AN SSSR Energ 1 transp. no 6 59-70 N-D 466.
- Construction of thermal characteristics of electrical machines. L.G. Abelishvili, L I. Mgaloblishvili, A Sh Azikuri. Soob.AN Gruz.SSR 44 no 2 379-386 N '66.
- Magnetomotive and electromotive force diagram of actual saturation of a nonsalient-pole machine. L. A. Drozdova, G. M. Khutoretskii. Izv. vys. ucheb. znv., elektromekh, 9 no 12 1350-1388 '66,
- Problem concerning the construction of the magnetic circuit of an electric machine using magnetic-nonisotropic steel F G Kasharskii Sbor, rab po vop, elektrometh, no 4 76-91 160,
- Use of Rall transducers for measuring the electromagnetic moments of electrical machines. V. A. Miasnikov Shot, tab po vop, elektromekh, no 4 254-269 160
- Using high-frequency equipment for the intensification of technological processes, R K Sakovich Biul, tekh, ekon, inform Gos nauch -issl tast, nauch, i tekh inform 19 no. 12 24-26 D 166

## ELECTRIC MACHINERY-ALTERNATING CURRENT

Methods for studying asynchronous machines P.P. Gazdafka, 12v vys ucheb zav., elektromekh 9 no 12 1329-1336 '66,

### ELECTRIC MACHINERY-DIRECT CURRENT

- Calculation and study of the heating of the main pole of a large d. c machine, V. G Danko 12v vys. ucheb, zav., elektromekh, 9 no.12:1318-1323 '66,
- Simulation of the excitation networks of d. c. machines in the electrodynamic models of electric drives. V V Rudakov, V M Mamedov. Shor rab po vop elektromekh no, 4 103-112 160

# ELECTRIC MACHINERY-RELIABILITY

Objective method for determining the life of electrical machines, P. S. Bondarenko, M. IA. Flaks, Energ i elek, no. 6 23 N-D 166

## ELECTRIC MACHINERY, SYNCHRONOUS

- Dynamic characteristics of the torque of a synchronous salient-pole machine during connection in a network. V.IA, Kikachelshvili. Soob. AN Gruz. SSR 44 no 3,707 714 D 166
- Increase in the precision of the experimental determination of losses in synchronous machines, G V. Karpov Shor, rab po vop elektromekh, no. 4:62-76 | 60
- Study of weight-size characteristics of synchronous machines. A G Elbshits. Elektrichestvo no. 1'1-5
  Ja '67.

### ELECTRIC MACHINERY, SYNCHRONOUS-COOLING

- Elimination of faults in the cooling system of synchronous compensators, G.S. Degil' Elek, sta 33 no. 3.87-88 Mr '62
- Systems for excitation and regulation of synchronous machines and large static converters! Sistemy vozbuzhdenila i regultrovanila sinkhronnykh mashin i moshchnye staticheskie preobrazovateli, Moskva, Nauka, 1987. 213 p.
- Telemetering of the temperature of the rotor winding of a synchronous machine. IU S. Kuznik. Elek. sta. 37 no. 12-65-60 D '68.
- ELECTRIC MACHINERY INDUSTRY-INFORMATION SERVICES see subdivision under Vilnius
- ELECTRIC MACHINERY INDUSTRY—MANAGEMENT see subdivision under Buryat A. S. S. R.; Novaya Kakhovka

#### ELECTRIC MEASUREMENTS

Jansons, Y. [Electrical measuring apparatus and measur-ing methods] Elektriskie meraparati un merisanas metodes Riga, Liesma, 1967–243 p. [In Latvian]

Phase characteristic in magnetic recording R M Be-lisev Rediotekhnike 22 no 1404-406 Jr 467

### ELECTRIC METAL CUTTING

Electric says for cutting EPMG-1 metal B M Ivanov Bezop truday prom. 11 no 153-51 Ja 167

Electric spark severance cutting or semiconductor mattrials AN Merkut'cv, I A Router, R I Fairin Elck obr mat no 135-38 466

Foteey, N. K. [Sparks machine metals] Iskra obrabaty-vaet metalf. Mosiva, Zhanie, 1967. 29 p. (Novoe v zhizni, nauke, tekhnike. IV Seriia, Tekhnika, no. 2)

Studying certain possibilities of precise electric spark machining with a smooth electrode wire. I I Sarhin Elek observation to 1.79-87, 166

#### ELECTRIC METAL CUTTING-CONGRESSES

Scientific and technical branch conference on electrochemical machining of metals to size. Diek obr. mat

#### ELECTRIC METAL CUTTING-EQUIPMENT AND SUPPLIES

Certain types of equipment for precise electric spark machining of metals B L Stavitskii. Elek obi mat no 1 ll-27 166

Selecting an electrode material for electric spark machining G V. Sumsonov, L M Mukha, A N Krushinskii Elek ohr mat no 128-32 *66

#### ELECTRIC METAL CUTTING-TERMINOLOGY

List of principal terms and definitions on electric spark machining of materials Elek obt. mat. no 151-56 466

#### ELECTRIC METERS

A model of electric meters. P P Tyrin Shkola i prolzy 10 no 10-59 O '66

bmall-sized device for determining surface faults in power system components. A S Kosman, P I, Zhereb-noi Elek sta. 37 no 12-75-77. D '66,

#### ELECTRIC MOMENTS

Chectric moment of a spherical particle allowing for the conductivity of the particle and the medium A.V. Rastorgueva. Izv.vys.ucheb zav., fiz. 9 no 6,7-10 '66

#### PLECTRIC MOTORS

Automatic control of a thyratron motor M. Z. Khamud-Fhanov, I Saifullaev | Izv AN Uz, SSR | Ser tekh nauk 10 no 6 11-19 '66

Conversion of a micromotor, V. Veriuim, Radio no 11-

Modeling of a saturated magnetic circuit of an electric traction motor using electrically conductive paper, V 1, Volchenskov, lzv, AN SSSR, Facig, i transp, no. 6 14-50 N-D 166.

Selecting transmissions for reductor electric motors, A. E., Shuster Det, mash i pod'em -transp, mash, no 1,116-125 '65.

Turbulent flow of a conductive liquid in an annular channel in presence of a circularly rotating magnetic field, A. V. Ivanov-Smolenskii, G. S. Tamaoian, Izv. AN SSSR, Energ. i transp no. 6 71-79 N-D '66

### ELECTRIC MOTORS-SAFETY MEASURES

Partial differential protection of a 3500 km motor, R M, Ziganshin, Elek, sta 33 no 3 90 Mr 162,

Thermal protection of electric motors, E. I. Malakhov-skii, A. K. Slavinskii Energ. i clek no. 6,26-28 skii, A. I N D 66

## ECTRIC MOTORS-STARTING DEVICES

lagnetic starting unit for the ZIF-300 drilling rig. 1, A. Baskilovich and others. Rezved, i okh, nedr 26 no. 8; 19-51 Ag '60.

## ELECTRIC MOTORS, ALTERNATING CURRENT

Transision RC-master oscillator for thyristor frequency converters. E. E. IUdin, V. V Trifoniuk. Energ. 1 elek no. 8,29-31 N-D '86.

#### ELECTRIC MOTORS, ALTERNATING CURRENT-DESIGN AND CONSTRUCTION

Two-motor alternating current drive with rotary stator for mine hotsling equipment. V. M. Bet lovskii, E. P. Shtepa, IU, G Borziak, Izv vys, ucheb, zav , goi. zhui. 8 no. 9 (26-134 '65,

### ELECTRIC MOTORS, INDUCTION

Bimetallic relay of the combined heating of the control circuit of an induction motor. V. A. Klemin-Sharonov, A. T. Romishevskii, Energ. i elek., no. 6;28-29 N-D '66,

Electronic-ionic single-phase to three-phase a, c. frequency converter for regulating the speed of asynchro-nous motors. D A Zavalishin, B, F Shukatov. Shor, rab, po vop, elektromekh. no. 4.92-102 '60,

Graphical study of the effect of the parameters of the start winding on the torque of a single-phase motor. G. V. Ivanova. [2v. vys. ucheb, zav., elektromekh. 9 no, 12:1324-1328 *65.

Graphicoanalytical calculation of operating characteristics of a single-phase asynchronous motor with an inductive phase-shifting reactance M Z. khaloudkhanov, A. A Kadyrov, N. H Usmankhodzhacy Izv AN Uz. SSR Set tekh nauk 10 no 6 34-37 168

Indicator of the stip of asynchronous motors. A V Itin Gor elektromekli i artom no 128-33 65

Investigating the system valve frequency converterasynchi onous motor under anomalous conditions M Z khamudkhanov, 4,A khashimov (zv AN U., SSR Ser tekh nauk 10 no 6 6-13 '56

### ELECTRIC MOTORS, INDUCTION-TESTING

Effect of frequency on the dimensions and loases of an asynchronous motor. M.Z. Rhamudkhanov, Sh. S. Vallev Izv. AN Uz. SSR. Ser. tcFh. nauk. 10. no. 6/21-27. 166.

### ELECTRIC MOTORS, POLYPHASE

Multiphase shunt-wound commutator motor and its cquivalent circuit V.G Pashinskii, Elektrichestvo no. 1.61-65 Ja 167.

#### ELECTRIC MOTORS, SYNCHRONOUS

Concerning the analysis of the synchronous motor of the main unit of a Bluming drive G V Rubisov. pu vop elektromekh no 4 20-33 160

Effective number of pole pairs of a synchronous machine with folling rotor, V.V. Varlei, Elektrichesivo no 1:05-68 Ja 167.

### ELECTRIC MOTORS, SYNCHRONOUS-SPEED

Adjustable synchronous bu otative electric drive V. M. Berlovskii, E. P. Shtepa, B. Kh Bogopol'skii, Lvv.vys ucheb zav., gor.zhui. 10 no 1:125-129 '67.

#### ELECTRIC NETWORK ANALYZERS

Călculătion of current surge of nonsynchronous cutting-inusing d c network analyzei N S, lAvorskii. Elek sta 33 no 390 Mi '62

### ELECTRIC NETWORKS

(see also subdivision under White Russia)

Approximation method for calculating transient processes in nonlinear elements, A. N. Bazhenov. Free g. i clek. no 6 37-39 N-D '66.

Balancing system for a single-phase varying active load A, K Shidlovskii and others Firing, i clek, no 6 39-40 N-D '66

Calculation of current surge of nonsynchronous cutting-in using d c network analyses, N S IAvorskii. Elek-sta 33 no. 390 Mt '62. Calculation of integral values from currents and voltages in linear electric circuits, L. P Afinogenov, Trudy GGO no 199 114-116 '66.

Conversion of an active delta circuit with one nonlinear clement to a wye circuit and vice versu. S. I., Faikhl. Elektrichestyo no 1:82-84 Ja 187.

Elementary experiments with these-phase current Zarev. Shkola i proizy 10 no.12,28-32 D 166.

Harmonic analysis of inertialess nonlinear networks. S. K. Savin Radiotekhnika 22 no. 1:10-14 .Ja 167

Integral method for studying parametric systems. S. I. Viglin Radiotekhnika 22 no. i i-9 Ja 187.

Methods for modeling processes in electrical networks by means of automatic computers. S. M. Rozhavskii, B. M. Il'chenko - Energ. i elok. no. 6:34-35 N-11 '66 Physical interpreation of interconnection formulas, S.I. Lvtianov, Elektrosviaz 21 no 1 23-30 fa 467,

### ELECTRIC NETWORKS-SAFETY MEASURES

Furnanov, B. M. [Chamberless evaluation of sparkproof conditions of electrical networks; a scientific report] Deskamercala ofsenka iskrobezopasnosti elektriche-skikh isepet, nauchnyi doklad Moskva, In-t goi nogo dela im A A Skochinskogo, 1968—33 p.

### ELECTRIC NETWORKS-TOSTING

Seroy, V.I., and G.Y.Khunel!. [Automatic BVK-3 deto-nation chamber for testing spark proof state of electri-cal circuits; operating manual] Automatichesknia vzryvnaia kamera tipa BVK-3 dita isnytania elektri-cheskikh tsepai na iskroberopaanosti, rukovodstvo po aksubuttati. Mechanok tamera takubaratiki. ekspluatatsii. Moskva, in-t gornogo dein im. A.A. Skochinskogo, 1966. 26 p.

ELECTRIC OIL WELL LOGGING see Oil well logging, Electric

### ELECTRIC POWER

[Electric power production and utilization in foreign countries, supplement to the periodical "Elektricheskie stantsil"] Energokhoz, za rub. no. 1 Ja-F '67.

Issuing bomises to workers for the economic use of fuel, electric and their mal power. Sots. trud. 12 no.1;137-141 Ja '67.

Scientific foundation of economizing the expenditure of electric power. L. P. Sokolova. Vech, sred, shkola 9 no, 3,41-46 My-Je '66,

### ELECTRIC POWER DISTRIBUTION

Accuracy of information in the optimization of the operation of power systems. G. M. Pavlov, S. S. Petroya. Elektrichestva no. 1;30-32 Ja 167.

Approximation method for calculating transfert pre-ray, a monificat elements. A N. Bazhenov - Incorp. (etc.), no 6 37-39 N-D (tab.)

Calculation of curvent surge of nonsynchronous cuttles in using d c network analyzer N.S IAvotskii. 146 sta 33 no 3 90 Mi 462

Construction of outdoor-type 200 and 500 ky. distributed systems of the Bratsk Hydrorlectric Power Stiften Incig Stroi no 7 51-60 166,

Decreasing nonsymmetry in an electrical system by combining a c, traction substations to parallel equation, IA M konevskii, Inerg.i clek no. 6(11-11) N-D '66

N-D '00 Determination of conductor sizes using a method of economic intervals. A M Manhov, D I lite inside, V P I Ivorskii. Incrg i elek. no. 6 11-15 N-D '01

Different structure of municipal power distribution net-yorks V. A. Kozlov, Elek sta. 37, no.12, In. 18

Elimination of faults in the cooling system of synchrology compensators G,S Degil*. Elek sta 33 no 107  $1^{\rm s}$  Mr  $^{\rm 162},$ 

Equalization of phase capacitance relative to earth in 35 km acts of 29 V Z Amerikov. Blok, etc. W to 1, 56-58 D '66.

Introduce electric power into living conditions of the Maritime Territory, Na Stroi, Ros. 4 no. 19 pt Mr 16 L

Limitation of single-phase short cji cuit currante in a 110 ky, network. Ch. M. Dzhavariy, 12, V. Drafirk, Dokl. An Azerb SSR 22 no. 9:15-17 468.

Method for determining power loss in municipal has voltage power distribution networks M C, I uklaber Elsk sta 43 no 3 80-82 Mr 462

Operation of power directional induction relays with overloaded current transformers, V.V. Michaelo, B.A. Korobeinikov, Il. V. Podgornyl, Thick, 813, 41 no. 12 (9-72) 10-66.

Operation of spring switch drives of UPGP and PP-G types 1 Z.Shmukler Elek, sta. 33 no. 3 H- 14 typus 1 Mr 162

Optimization of the operation of a complex electrical system using a gradient method with threakdown to subsystems. A Z Gamm, 1.A. kristom, I.A. Shor, Elektrichestvo no. 121-29 Ja. 167.

Organization of telemetering of the total power of cir. It is power plants and loads of substations. H. 5., Rudenko and others. Frieng, i clek., no. 6 35-16 5, 19

Proposed voltage system for the power supply of third areas. F. Kh. Usmanov. Elektrichestvo no. 1110 % Jul 167.

Registration of overvoltages at the open end of a 1501. Inc. J. F. Potovoi, F. Kh. Khalilov, N. A. Pederey Lick, sta. 37 no 12:50-55 D '66.

Reservation in rural 35-H6 kv, power distribution betweeks, P. Kh, Usmanov, Elek, sta 37 no. 1 H-P D 466,

Ventkov, V. A., ed. [Transient processes in ole (171) also systems with examples and illustrational Perekhalage proteessy elekti leheskikh sistem v primerakh i iller stratsitakh. [Dy] N.D. Anisimova i dr. 17d. 2., 1849 Moskva, Energiia, 1967, 456 p.

# ELECTRIC POWER DISTRIBUTION—CONGRESS 5

All-Union conference on the quality of potential and its regulation in electric networks and systems. 1. P. Meshcheriakov. Elek. stn. 33 no. 3 03-96 Mb. 464.

## ELECTRIC POWER DISTRIBUTION-HIGH TENSION

Economic effectiveness of using expanded conductors in extrahigh tension power transmission lines. G. Alekaandrov, T.V. Lisochkina, V. R. Okorober. Elektrichestvo no. 1-12-16 Ja 167.

# ELECTRIC POWER DISTRIBUTION—SAFETY MEASURES

Disconnection of 220 ky power transmission lines an under load F.A. Likhachev. Elek, sta. 33 11, 161 71 Mr 162

Operation of 110 ky outdoor surge arrestore, M. J. 4:all penn. Elek. sta. 33 no. 3 60-00 Mr '62

#### ELECTRIC POWER DISTRIBUTION -- SAFETY ID-GULA -TIONS

Supplements and amondments to the "Bules for astery engineering in the operation of municipal power distribution systems and networks up to 1000 v. 11 14 kg sta. 33 no 3,02 Mr 162.

### ELECTRIC POWER PLANTS

(see also subdivision under Leningrad; Ukraine) Basic trends and tasks in the development of district heating in the U. S. S. R. for the next IS to 20 years, G. B. Levental', L. A. Molent'ev. Teplocnergeth; ? no. 8:3-8 Ag 160,

Improvement of the organization of material and equiment supply of electric power station construction at a fragment, no. 7:75-79 100.

Installation of electric equipment, A. V. Filipper. Freez stroi, no. 21:196-205 101.

Methods of obtaining the characteristics of the preser machinery of electric power stations, V. A. Skoteley, Elck. sta. 33 no. 3:5-11 Mr *82.

### ELECTRIC POWER PLANTS (Continued)

- Mikhailov, V.A., and B.I. Norneyskii. [Automation of shipboard electric-power plants] Aytomatizatsia sudewykh elektricheskikh stantali. Laningrad, Sudostroenie, 1966, 318 p.
- New method for fustening cover plates to reinforced con-crete columns. N. I. Menchan. Unerg strait no. 7.13-15. 1 lub.
- Optimization of the parameters of future evoles and act-sorts of ther nat power system (1.5 Popsius, VI Fusik heles, A, I Swartsherp I nergomashinostrocms 12 no.111-1 N 468
- Possibility of the utilization of the additional electric power peak capacity in Rent and Picetric power plants X.F. Afannstey, M. M. Romin Teplocher petika 1 no. 8 21-21 Ag 160
- Problems of low-temperature power engineering, 1, M. Rozinfi Pd. Liv, AN SSSR, Finerg itransp., no 6-84-96 N-D 466.
- Prospects of the expansion of industrial heat and electric pover plants in high capacity power systems. A likeranov. Topioenergetika 7 no. 845-21 Ag 460
- Quick mastery of 100 Mw. blocks, a principal problem of maker engineers, V P Shann Theory, relek, no 6 6-9 N-D '66.
- Pheriandynamic features of sterm and gas cycles. F Budaglan, Prici gomestimestroenie 12 no. 11 16-48 B 116.
- Wind pressure on the autface of the main building of a bluck thermal electric power plant A. M. Terpunian Shortrad NHST no 13 45-49 (69),

### ELECTRIC POWER PLANTS-COSTS

FIGURE POWER PLANTS—COSTS

Fifted of intrabasin coal transportation on the optimum appears to condensation electric power plants B. I shworin, A. A. Chernakhin, "Teploenergetika 7 no. 8.67-71 Ag 160.

### ELECTRIC POWER PLANTS-DESIGN AND CONSTRUC-TION

(see also subdivision under Donets Basin)

In the Council on New Ponjament of the Ministry of Power Figure 1 in trew 1 purposes of the U.S.S.R. Freig. stiol. no 7 05-80 166.

# FLECTRIC POWER PLANTS-LQUIPMENT AND SUP-

- Concerning A. A. TSeshkovskills article satisfied by ganiration of equipment repair of block-type electric power plants, "I G. Ruvinskii, Flek ata 13 no 140 hi 162.
- Organization of equipment repair of block-type electric power plants. A. A. TSoshkovskii Fick, sta W no 3/11-40 Mt 462
- Plotting dynamic characteristics of relative increase of boiler units of thermal electric power plants. D. M. Bahaian. Lev. AN Arm. SSR. Ser. tekh. nauk 19 no. 6; 22 28 '66.
- tion in thermal open cycle systems of coal pulveriza-tion in thermal electric power plants with large blocks, V.A. Parillov. Energomashinostrocale 8 no. 9/22-25 9 '60. Use of Individual open cycle systems of coal pulveriza-

## ELECTICO POWER PLANTS-FUEL CONSUMPTION

Mathod of calculating the technical and economic indices of a thermal electric power station M.V. IAkopson, A.N. Konovalova - Elek, sta. 33 no. 3 2-5 Mr 462.

# ELECTRIC POWER PLANTS-HEATING AND VENTILA-

Studying the model of the aeration and the temperature rycle in the main building of a State regional electric power station with a espacity of 2100 thousand kw. G. T. Taturchuk, A. M. Terpinian. Shor, trud, NHST no. 13, 28-41 '62.

### ELECTRIC POWER PLANTS—PERIODICALS

- Contents of the magazine "Elektricheskie stantali" for 1966. 12lek, sto. 37 no. 12:89-96 D 466.
- ELECTRIC POWER PRODUCTION see subdivision under United States
- LLECTRIC POWER SUPPLY TO APPARATUS
  (see also subdivision under Volga Hydroelectric Power Station (22d Congress of the C PSU) )
- tegulator of power supply voltage with pulsed feed of a capacitor. S. I. Grushin. Trudy GGO no. 199:170-173
  156.

### ELECTRIC PROSPECTING

- Dependence of percolation potentials in fine-grained
- rocks in size of pores, D.A. Enapiro Izv. AN SSSR.
  Fiz. zem. no. 12:71-76 '166,
  Flecti omagnetic wave diffraction by perfectly conducting half-plane located in luminar medium. E. V. Zakharov,
  V. I. Dmitriev. Izv. AN SSSR. Fiz zem. no. II:63-99 '166,
- Possibilities of inductive methods of electric prospecting for deposits of magnetic ores, 1, A. Dobrokholova, II., V. Jakubovskii, 12v. vys, ucheb, zuv.; geol, i razv. 10, np. 1 118-120, Ja 187.
- Practice in studying karst in permatrost. L. A. Dobrovol-skil. fzv. vys. ucheb. zav.; geol, i razv. 10 no. 1:121-122 Ja '67.

- Resolving pover or radiocomparison and radiogeniemetry method in mapping rocks IU B Shaub 12: AN SSSR Fiz zem no 12-67-70 166.
- Using radiocomparison and radiogenionicity inethods in 311bol ne electromagnetic prospecting over isometric ores, IU. B. Shaub. Lev AN SSSR Fiz zent. no 12 62-

# ELECTRIC PROTECTION—STANDARDS

Russia (U.S.S.R.) Komitet standartov, mer i izmeritelnykh pilborov. Profection of wire communication systems from overvoltages and currents originating in their
lines, regulations and schematics! Zashchita ustanovok
provodnol svitazi of opasnykh napriazhenit i tobov, voznikalushchikh na linitakh, pravila i skhemy. GOSI 523866, Izd. ofilsial'noe. Moskva, Uzd-vo Standartov, 1966)
23 n.

### ELECTRIC PUMPING MACHINERY see Pumping machinery, Electric

ELECTRIC RAILROADS see subdivision under Sayan Mountains

#### ELECTRIC RAILROADS-BRAKES

Modernized Usi, No. 352 break release signating device. F V Oreshkin. Elek, i tepl, itaga 10 no. 11:38-37 N 166

### ELECTRIC RAILROADS—CARS

Resistance to movement of electric cars. M. R. Barskii, I B Shieder, N. V Taran Vest TSNII MPS 25 no 8

### ELECTRIC RAILROADS—COMMUNICATION SYSTEMS

Device for recording signal and interference levels A = 1 untsimilar, S. M. Tropkin Avtom, , telem, i sviazi 10 no, 11 3-5 N 166.

### ELECTRIC RAILROADS-CURRENT SUPPLY

Decreasing nonsymmetry in an electrical system by combining a, c. traction substations to parallel opera-tion, IA, M, kancvskti, Energ, i elek no. 6 41-44 N-D '66,

### ELECTRIC RAILROADS-ELECTRIC EQUIPMENT

- Operational reliability of the storage batteries of a.c. trains T I Maklakov, Elek i tcpl tags 10 no.11 30 N 'bb.
- Scientific and technological conference on the use of semiconductor power rectifiers and thyristors in rallroad transportation. V. N. Stasiuk. Elektrichestvo no. 1:01-03 Ja 167.

### ELECTRIC RAILROADS—HEATING AND VENTILATION

Changed heat control network of the ERSP electric train, A. P. Zakharov, V. L. Galker. Elek, i tepl. tinga 10 no. 12 20 D 166.

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- Operational reliability of insulators in regions of considerable poliution. E. N. Dagaev, E. A. Timmerman, Vest, TSNII MPS 25 no. 7'48-51'46.
- Pneumatic and hydraulic compensator, L. F. Belov, Elek, i tepl. tiaga 10 no. 12 · 43 D · 166.
- Restoration of electrical strength of dismountable towers with glass-plastic pipes, B. S. Blinov, Clek. I tepl. tings 10 no. ii:14-45 N '68.
- Simple method for fastening the central runner of the PZ pantograph, A. S. Sharlkov. Elek, i tepl, tiaga 10 no. ii; 13 N '66.
- Use of a tape recorder in the study of electrical processes. U.V. Ploshakov, A. N. Zakharov. Elek. i tept. tiaga 10 no.12;27 D '66.
- Wider use of parallel connection points. V. V. Voskresenskii, V. A. Savchenko. Elektitepl. tiaga 10 no. 12:24-25 D *106.

### ELECTRIC RAILWAY MOTORS

- Check of the symmetry of the magnetic circuit of electric locomotive treation motors. G. M. Belichenko, IU. N. Naumenko, V.A. Krasii'nikov. Elek, i tepi, tiaga 10 no. 12-14-15 D '68.
- Single-phase collector-type secondary traction motor for the electric locomotive and electric rolling stock. V. M. Lupkin. Shor, rab. po vop, elektromekh. no. 4:148-156

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### ELECTRIC REACTORS

- Electromagnetic characteristics of a regulated reactor with transverse magnetization  $M \le 1$  libbing, I = I. Dorozhko Llektrichestvo (c. 1-56-61 Ja 67)
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- Protection of the insulation of the neutral relay in 110 kg. transion meis filom thindeistoi m evervoltages. Ch M Dzhiwarly, M.M. Muslimov Izv. M. Azerb SSR Ser fiz -tekh i mat muk no i 120-127 156
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- Using induction theostats in conveying lines of overall mane hadage equipment V A Chiko, V V. Shapovalov Biul tekh, ekon inform Gos nauch issl met nauch tekh inform 19 no. 11 55-58 N *66
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### ELECTRIC SWITCHGEAR

- D'lachkov, V.S. [110-220 kv. air-blast switches with air-filled separators] Vozdushnye vykliuchateli 110-220 kv s vozdukhonapolnennym otdelitelem. Moskva, Energia, 1967. 112 p. (Biblioteka elektromontera,
- Improvement of systems for controlling 220-500 kv, air-blast switches, R. I. Turko Energ i clek, no 6 23-24 N-D '86
- Operation of spring switch drives of UPGP and PP-61 types, I.Z Shmukler. Elck sta. 33 no.3 71-74 Mr 402.
- Rakhovskii, V. I., G. V. Levchenko, and O. K. Teodorovich.

  [Arcing-tips of electrical apparatus] Razryvnye konlakty
  elektricheskikh apparatov Pod red. V. I. Rakhovskogo.
  Moskva, Energiia, 1866. 294 p
- Replacement of air-blast switches in an enclosed 110 kv. power distribution unit, E 1, Khaitun, K, B Moiseuv, Elek, sta, 37 no. 12 82 D '66,
- Switching capability of the VVN-110 air switches. Eick sta 33 no. 3-92 Mr '62

### ELECTRIC SWITCHGEAR—RELIABILITY

Increasing the operational reliability of VMG-133 switches, G I Kuttsvall, N L, Gellman, Elek sta, 37 no, 12 33 D '65.

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- Calculating expacitance stabilization in electric drives with electromechanical control A.A. Ivanov, A.N. Manuta, L. I. Poliava Gor elektromekh i a tom no 1 34 - 38 | 63
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- Data on transformers of the F1-40 instrument by D I Baburan Avtom, telem 1 syra? 10 no 1131 A 166. Dimortion of the peak of a transformed pulse by a pulse transformer with a coastal cable. M M, kgrest, \ S Nasibov, TS Sh Chachbala. Elektrichestvo no 1 87-88 Ja 157
- Firors of current transformers with air cores IU N Kataigm Lick str 37 no 12 18-50 D 166
- Installation of main 220 and 500 kv transformers in the Bratsk Hydroelectric Power Station Energ. Strot. no 7 47-51 166
- Kosler, Slavomir, and Milan Kubat, eds. [Semiconductors in transformer technology. Translated from the Czech] Poluprovedníki v preobrazovateľ not teknolike. Pod red. A. A. Sakovicha. Moskva, Energiia, 1965. 355 p.
- Operation of power directional induction relays with overlooded current transformers. V. V. Mikhailov, B. A. Korobemikov, F. V. Pedgernyi. Liek stn., 37 no. 12 69-72. D. [66]
- Permissible overload of transformers in municipal power distribution networks B M Baranov, R IV Fedosenko Elek sta 33 no. 3 76-79 Mr 162 Probability-statistical method for calculating the poor of shop transformers E Netsesian, Prom Arm 9 no. 11:37-39 166
- Properties of transformer oil mixtures. L. A Gorchankva, A I Damilova, E I Bessonova, Elck, sta 37 no 12 61-63 D '65.
- Protection of the insulation of the neutral relay in 110 Ly transformers from thinderstorm overvoltages. Ch M Dzhuvarly, M M. Muslimov. Izv AN Azerb SSR. Ser fiz. -tekh i mat nauk no 4/120-127 '66
- Shidlovich, L. Kh. [Differential transformers and their applications] Differential mye transformatory 1 kh primenenie. Moskva, Energiia, 1966. 95 p. (Biblioteka po avtomatike, no. 219)

# ELECTRIC TRANSFORMERS-DESIGN AND CONSTRUC-

TION
Reterogeneity of specific losses of cold-rolled electrical steel and its offect on idling losses of a transformer V. V. Atom. Def. ktoskopua 2 no. 6, 21-26 '66.

# ELECTRIC TRANSFORMERS-MAINTENANCE AND

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### ELECTRIC WELDING

- Determining the quality of welded joints and the weld-ability of small-size parts from nonferrous metals in resistance spot welding N M. Sokolov Trudy SIMSKH no. 24:29-38 [61].
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### LECTRIC WELDING-CORROSION

- Corrosion resistance of electrically welded IKhi8N9T steel, A. A. Babakov, B. S. Ladyzhinskii, Stati 21 no. II. 1026-1029 N. 61,
- LECTRIC WELDING-EQUIPMENT AND SUPPLIES Designed by the Institute of Electric Welding. Inform, biul, YDNKH no. 1:12-13 Ja 167,
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- Oriven machine for welding rotating parts. I. IA. Nikulin. Blul, tekh., ekon. inform Gos nauch -issl. inst nauch i tekh. inform 10 no. 11 59-60 N 166
- Lathe with built-in reducing gear for welding. K. Dondo-kov, IU. Tarasov, G. Torbeev. Tekh, v sel'khoz. 26 no. 12-69-70 D 466.
- Magnetic state of a welding transformer operating in a complete short circuit. N.M. Sokolov. Trudy SIMSKH no. 24,47-50 161.
- Necessity of scientific justification of technical specifications for the equipment of resistance welding, N.M.Sokolov Trudy SIMSKH no. 24: 3-14' 161,

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  IA, Dorosh. Fekh v selthoz 27 no 1 70-71 '67.

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### ELECTRICITY-STUDY AND TEACHING

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### ELECTRICITY IN AGRICULTURE

- Permissible voltages for livestock. A. Lukovníkov. Tekh v sel'khoz. 27 no. 1 33-35 '67,
- Stability of the resistance of grounding devices in soils treated with small doses of electrolytes A. V Sergeev, Dokt TSKHA no 44 85-91 '59

#### ELECTRICITY IN AGRICULTURE—EXHIBITIONS

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### ELECTRICITY IN MINING

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- Calculating guaranteed current during multiple electric blasting. N G. Petrov. Vzryv delo no. 60/17.218-
- Certain problems in electric power supply of coal mines with a large production capacity, S. R. Matmin, L. N. Kutovol, V. A. Mashkovskii, Got elektromekli i aytom no 1:5-10 -165.
- Controlled semiconductor rectifier with nonsymmetrical anode voltage V. P. Hondarenko Gor, elektromekh, i avtom no i 24-27 165
- Duration of shunting operations in haulage with electric locomotives in coal mines. I.D. Averbukh. Lav.vys. ucheb.zav.; gor.zbut. 10 no.1:105-110 '67.
- An efficient performance diagram of electrified houlage in open pit mines with use of motor cars. S. I. Popov. IU. N. Posokhov. V. N. Lozinskii, Izv vys. ucheb zav; gor. zhur. 8 no 10:113-117 '65.
- Indicators of specific electric power consumption and results of their testing. G.N. Samentsov, N. B. Sitnikov, I. P. Petrov. Izv. vys. ucheb. zav.; gor. zhut. 8 no. 9,121-125 165.
- Influence of commutation diagrams on results of blasting, I.V. Kleytsov, Vzryv. delo no. 60/17.272-280 106.
- Josep, Elmar, [The mine electrician] Kaevanduse elektrik, Tallinn, Valgus, 1906, 190 p. [In Estonian]
- Remote control of a mercury converter substation of a mine. D M. Dubinskii. Ugoli 37 no. 12-20-24 D '62.
- Simplified wiring diagram for a call bell, A.S. Grebnev, Ugol' Ukr. G no. 12:34-35 D '62.

### ELECTRICITY IN MINING-SAFETY MEASURES

- Calculating sparkless direct-current networks with semi-conductor shunts, M. A. Rol'nik, Mash, i obor, dia mekh, i avtomatiz, trud, prots, v ugoli, prom. no. 2:348-353 165.
- Increase electrical safety in open-pit mining. L. V. Gladilin, B. G. Men'shoy, M I. Barash, Bezop.truda v prom. 11 no.1:10-11 Ja '67.
- Nemograms for determining actual starting currents and Nomograms for determining details starting curies and actual starting moments of electric motors on coal cutter-loaders. P. L. Svettichnyi. Mash, i obor, dia mekh, i avtomatiz trud, prota, v ugoli, prom. no. 2:75-80 155. Problem of calculating spark hazai d safety in direct-current circuits with jumped inductance. M. A. Rollnik Gov, elektromekh, i avtom. no. 1:15-23 165.
- Protection of open-pit mine electric networks against contact to ground. I. E. Vosilley, V. I. Shehntskii. Bezop truda v prom. 11 no. 1,40-41 Ja '67.

### ELECTRICITY IN PETROLEUM ENGINEERING

Anismov, N.G., and A.N.Smirnov. [Experience in the construction of remote control lines and installation of automatic control systems] Opyt stroitel strallini telemekhaniki i montazha si edstv avtomatiki, Ufa, Bashkirskoe knizhnoe izd-vo, 1965. 140 p.

### ELECTRICITY ON SHIPS

Zoteev, E. S., F. F. Ludchenko, and P. K. Timofeev.

[New marine electric navigation instruments] Novyc
morskie elektronavi "disjonnye prilbory. Moskaa,
Transport, 1966, 163 p. (Kursy usovershunstva anlia playsostava MMF)

### ELECTRIFICATION

(see also subdivision under Ukraine)

- Bril', R. IA., and I. M. Kheister. [Economics of actiall-t power resources] Ekonomika sutsialisticheskol tarereilki, Moskva, Vysshala shkola, 1966, 447 p.
- The Lenin theory of electrification as a component part of the theory of scientific communitiem. [. ], held. Trudy Thil GU 112:77-107 165

### ELECTROCA PILLARY PHENOMENA

Adsorption of organic substances at the moremy - Hafti-um rift ate solution interface. M. M. Androuer, A. M. Aiupsya, B. B. Damaskin Elektrokhimiin / 1901 12 1180-1482 D '66,

#### ELECTROCARDIOGRAPHY

- Central mechanisms of the regulation of blood supply and respitation in monkeys, L.T. Dibelley, N.I. Inc. tina, A. A. Fufacheva, Piziol, zhur 49 no, J 100 347 Mt 463,
- Changes in the electrocardiogram, in thoracle and a pre-polar deflections, in patients with silicosis, V.D. Khvorostianov, Shor, nauch, trud, SOGMI no 10 fo 11
- Device for measuring rates of the electrocardingram V. D. Khvorostiianov. Shor, nauch trud SOGMI no le 03-86 61
- Diagnostic possibilities of the VKS-1 oncilloscope of Akulinichev's system, V.D.Dehordzhikiti, V.D. Kuleshov, Kardiologija i no. 185-47 Jan. 1 461
- Effect of "atepatin" on coronary flow volume, a cylen absorption by myocardium and T-wave of electric article gram. M. L. Robakhidze. Sooti, AN Grandout 12 to 1785-790 D 166.
- Electrocardiogram in rickets, D. V Albegova, there nauch, trud, SOGMI no 10-19-82 *81.
- Electrocardiographic changes in diabetes mellitus, creliminary report, D. A. Ezerva. Shar, man h, tand, 14 4,311 no. 10 33-78 161,
- Importance of electrocardiography in the diagnosis of recurrent myocardial infarct. I. M. Khelmonen. Kardiologija 3 no. 1-24-30 Jan. - F '03.
- Possibility of reflex relations within intracta disc of a system. G. N. Kopylova, M. G. Udel'nov. Vent. Merk. un. Ser. 6; Biol., pochv. 21 no. 5;3-10 S-O his
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### ELECTROCHEMISTRY

- Contact of electrode and cation-exchange membrane in electrochemical oridation of hydrogen. A. B. Khanda. Elektrokhimila 2 no. 12:1491-1492 D 166.
- Electrochemical behavior of it on in sulfute acht selvetions, IA, D. Zytner, A. L. Rotfnian. Elektrokhimilia 2 no. 12;1371-1382 D '66,
- Electrochemical separation of magnetium chloruse free, natural magnesium chloride brines, M.N. Machaelle and others. Trudy GIPKH no. 17:72-77 163.
- Measurement of powdered catalyst potentials in districtive media. Part 2: Reduction of unsaturated company), G.V. Tanceva, A.B. Fasman, D.V. Sukol'ukit, Elektrokhimita 2 no. 12:1457-1403 D *66.
- Mechanism of zine passivation in atrong zincate tolait ~ v of alkali. T. I. Popova, N. A. Simonova, H. R. Kalii ... Elektrokhimiia 2 no. 12:1476-1479 D 160.
- New technology flow sheet for the production of manganates and potassium permanganate. M. N. Machulkin and others. Trudy GIPKH no. 47:00-103
- Some electrochemical properties of titanium in salatices of fluoboric acid. F.K.Andriushchenko, I.E. Vlasenk, Zhur, prikl. khim. 34 no 6 1266-1270 Je '61.
- Special features of a simultaneous discharge of zinc and special features of a simultaneous classifier of since cobatt from sulfate solutions, G. N. Znamenskii, A. V. Mazanko, V. V. Stendor Zhur, priki, khim 34 1,1 f 1305-1311 Je 101,

  Study of the process of electrochemical schening and
- stabilization of water, V. F. Negreev, Z. S. Elignida :-vill, Trudy Inst. khim, AN Azerb, SSR 20:150-166 '4#.
- Survey of investigations in the field of fused natt elec-trochemistry for 1980. A.G. Morachevakli. Zhui, prikh khim. 34 no. 6-1398-1411 Je '61.

### ELECTROCHEMISTRY, INDUSTRIAL

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- Flecti ochemical working of east alloys V. M. Mordelhan Mashmosti oitel* no.1,18 Ji 167.

### ELECTRODES

- Chases of the difference in the behavior of nickel-oxide and allyer-owide electrodes in an account of marker-oxide and allyer-owide electrodes in an armonia bolutions. V I Romanox. Zhur priklikhim. 34 no 61317-1329 Je
- * Rect of alternating current on anodic processes in appears solution of acctute, G. A. Korchmskil, F. F. Federov. Elektrokhimite 2 no. 12 1195-1399 D 466.
- Ionization of chlorine on platinum and iridium electrodes in fused cuttette AlCl3 NaCl KCl, A. M. Skundin, V. Sh. Palanker, V. S. Bugotskii, Flektrokhimna 2 no. 12:1153-1156 D 566.
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- Stepcise course of electrode processes on copper madgam. V.V. Leav., 1. F. Sribnyl, A.I. Molodov. Philipshimila 2 no 12 itil-1147 D 466
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- Use of rotating disk electrode with a ring for studying presidenting of the electrone want a ring for studying presidential mechanism of metals. A L Oshe and others. Elektrokhimna 2 no 12:1485-1487 D 466,

#### ELECTRODES, CARBON

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### ELECTRODES, INDIUM

Anodic behavior of indium in polassium hydrovide solu-tions. Fart 2: Study of anodic passivation of indium in the presence of phase oxide film formation. F. F. Faizullin, N.A Ambikhapova, Flectrokhimna. 2 no. 1741484-1488. D. 465.

### ELI CTRODES, NICKEL

Petentionatic analy of the mate of nickel electrode and face in alkaline solution. V.R. Loodman, M.E. Khaga, V. F. Paut. Lev. vys. ucheb. zav. khim i Fhim. tekh. 9 no. 5-799-801 466

# F.LECTRODES, PLATINUM

- Adamption of anions on platinum at anodic potentials, V. F. Kazarinov. Electrokulmila 2 no.12:1389-1981
- Dissolution of smooth platinum when polarized in acid tolutions. A. N. Chemodanov and others. Dokl. AN \$55R 1/1 no. 0.1381-138/ D 166.
- Conduction of resorcine on retaining platinum disk anode 1, 5, Rutshakhi II, I., V. Ramsova Vest 1 GU 21 no. 22-150-152 266.

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- 1. Iffect of a copper haparity on the surface and structure of a thodic zinc in the electrolysis of sulfuric acid solutions. G.N. Zaamenskii, V.V. Kardarbevskii, V.V. Stender, Zhur, prikt, khim, 31 no 6,1298-1305 3, to 1.
- Mechanism of the action of an asymmetric alternating current in chot ging a rine-silver storage cell and its effect on the shape of the discharge curve. V. V. Romanov. Zhun prikl, khim. 3d no. 6;1312-1316 Je 61

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### ELECTRODY NA MICS

- Calculation of some cylindrical functions of a complex argument V. K. Vlasov. Vych met. i prog. 5:134-145
- Dictrodynamic birefringence in liquids. V.N. Tsvetkov, E. I. Vinogradov. Opt. I spoktr. 21 no. 5.603-608 E. I. Vii N 106.
- ccal approximation in the electrodynamics of London's super conductors. A V.Sytdzinskii, V.A.Sliusarav. Dokt. AN SSSR 172 no. 3:569-671 Ja 167.
- Resonance solution of a system of equations for scattering amplitudes of charged π-mesons at small values of γ-, parameter. F. P. Vedeneev. N. P. Zhidkov. Vych met. I paog. 5:146-161 166.

## ELECTROENCE PHALOGRAPHY

Age-related and individual differences in the functional state of the brain in young children according to electroencephalographic data, N.S. Mirzolants, Zhur vys. nerv denat, 12 no. 6:1042-1048 N-D 162.

- Bioch ctric activity of the corebral cortex in lemons of the diencephalon and brainstem O F. Makarchenk M L Horbach, A. I Erysh Fiziol zhur, [Ukr | 12 no 6 805-814 N+D 166
- Changes in the electric activity of the brain during attacks of T late traumatic psychosis and its approaching 16-mission F N Markova [TrudyGIDUV no 4 145-162
- Ulinical electroencephalographic correlations in different clinical forms of late sequelae of cerebral traumas. Kh A Izaksun, E M, khanukaev Azerb, med zhui 13 no.12 23-27 D %6.
- Conditioned refleres to electric stimulus of the corebral colter in dog: folloring injection of thyroxine into organism M.I Rozin Vestsi AN BESR Serabilal nav no 1.74-78 '67
- Dynamics of conditioned reflex changes in the electroencephalogram due to multiple combinations of sound with phythmic light stimuli G N Boldyreva, V.S Zhur vys nciv deiat 12 no 6 1011-1020
- Effect of cerebral coriex stimulation on rumination and mothlity of multicompartment sheep stomach, P. Tul-haev, N. Tulmsnov Trudy Inst fiziol AN Kazakh SSR 10 177-181 186
- I ffect of thyroxine on motility of nervous processes and bioelectrical activity of brain U.A. Idamovich-Hera-simul. Vestsi AN BSSR Ser biial nav. no. 4,97-102, 166
- Efficient representation of stomach in cerebral cortex of a rabbit P. Tulbacy, T. Zvereva, F. Takhtaev Trudy Inst fizioi AN Kazakh, SSR 10 185-189 166
- Electric activity of the hippocampus during peripheral stimulations. A. A Ungardze. Fiziol zhui 52 no i stimulations. A. 1120-1127 D '66
- Electroencephalographic examinations in myocardial infact T.N.Labeeva, I.K.Shkhvatsabala, E.A.Chertovskikh Sov med. 29 no II¹⁴-18 N ¹⁶5.
- Electrophysiology of the hippocampus, P. M. Sierkov. Fiziol zhui [Ukr. ] 12 no 6 815-828 N-D *66
- Evaluation of the resolving ability of the human retina based on electroencephalic data K. A. Bykov, B. A. Funtikov, ΓιΔίοΙ. /hm 52 no 12;1441-1446 D 56.
- Induced potentials in projection corobral cortex areas as affected by simultaneous action of two different stimuli, V. V. Artem'ev. Dokl. IN SSSR 171 no. 0:1447-1449 D '66.
- Methods of implantation of special electrode complexes in several regions of cerebral cortex in dogs M. L. Rozin Vestsi N. BSSR, Ser, bind nav. no. 4 93-90 '66.
- Modification of microelectrode holder for derivation of potentials from single cortical neurons N N Vasalevskii Fiziol /hui 52 no. II.1392-1394 N *66.
- Participation of hormones of adrenal medullary substance in response reaction of the central nervous system in response of the cenery al contex Report No 1. A. A. Samokhina Vop. ku. . fizioter. I lech. fiz. kn! 4 31 no 6:539-542 56.
- Responses of neurons of the somatosensory cortex to di-rect electric stimulation V. M. Storozhuk, T. B. Gurova rect electric stimulation V M. Storozhi Fiziol chin 52 no li 1289-1296 N 66
- Role of posterior hypothalamus in regulation of notadien-alinin diffurent parts of brain. A. IA Moglicyskin, N. N. Leonova Doki, AN SSSR 172 no. 3 741-744 Ja 187
- Role of the reticular formation and anterior areas of the limble cortex in the electrocorticographic picture of chemical changes in the internal environment N.E. Vasileyskala Firlol zbur. 40 no 3 203-298 Mi 163 Some characteristics of the dynamics of the bicolectric
- activity of the brain in patients with congenital heart defects R. Gombi, V. A. Mikhailovich, Sov med. 29 no 10 11-17 O 166
- Study of interaceptive impulsation in puppies by electroencephalography method, N. A. Moiseeva, G. Adam. Dokl. AN SSSR 167 no. 2 482-485 Mr 166.
- Siddy of the electrical activity of neurons in the archeo-cortex in lizards K. H. Gusel'nikova, V. I. Gusel'nikov. Fiziol zhur 19 no. 3 277-280 Mr 483
- Study of the functional state of the brain in rate by means of the electroencephalographic method N.G. Mikhailova. Trudy last vys. nerv defat. Ser patofiziol. 10 116-124
- Two mechanisms of functional disorders of the brain in animals irradiated during the period of embryonic duvelopment, A M. Ivanitskii Trudy Inst. vys. nerv deis Ser. patofiziol. 10 102-115 402. Trudy Inst. vys. nerv deiat,
- Utilization of sonte function tests in electroencephaloproprise examination of patients with disorders of the large blood vessels of the head, Report No 1, V.A. Chubhrova, N.V. Vereshchagin, D.N. Dzhibladze, Zhur, nevr i psikh. 62 no 11 1625-1630 '82

# ELECTROFORMING-EQUIPMENT AND SUPPLIES

Preparing electrotyte for electrochemical machines Egorov, G. V. Kargin, Stan. i instr. 37 no. 12.34

## ELECTROKYMOGRAPHY

Comparison of electrokymographic and x-ray data in myoca dial infarct and chronic heart accurysm. V.N. Orlov, V.IA. Fridkin, V.P. Veretennikova, Kardiologiia 3 no.1:39-45 Jan. -F '83.

#### ELECTROLUMINESCENCE

- Adsorption model of anode polarization of o ide films on aluminum M I Eldelberg, Opt i spetti, 21 no 5° 656 N '66.
- Cathode luminescence of silicon carbide single crystals irradiated by fast electrons. V. V. Makarov. Pctrov. Fiz.tvc1.tela 8 no 11.3393-3394 N *66
- Electroluminescence of ZnTe. I.K. Vereshchagin, V V. Guts. Izv vys ucheb.zav., fiz. 9 no.6:143-111 '66
- Extraction of current carriers by p-n-junction field and mechanism of electroluminescence of silicon carbide, E. C. Violia, G. F. Kholuinnov Fiz. tver tela 8 no ll

### ELECTROLYSIS

- ELECTROLYSIS

  Clarification of muldy water and flotation tailings with
  the help of a direct electric current L V Korchagin
  and others. Ugo! Ukr 7 no 324-25 Mr '63.

  Effect of surface-active substances on the rate of growth
  of silver single crystals in the process of electrolysis.
  M. 9 Zubov, A. T. Vagramian Elektrokhimia 2
  no. 12:1426-1130 D '66.
- New design of a single-solution electrolytic bath for obtaining potassium permanganate, M. N. Machulkin and others. Trudy GIPKH no. 47 93-97 '62,
- Preparation of zinc powder hy electrolysis of zinc hydroxide all aline pulp. V. A. Shormanov, T. I. Kunin, Izv. vys. ucheb. zav. Phum a Phum. tcPh. 9 no. 5.790-801

### CLECTROLYSIS—EQUIPMENT AND SUPPLIES

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### ELECTROLYTE METABOLISM

- Correction of water-electrolyte balance in early post-operative period T P Makarenko, B. M Druianov N P Ryzhkova Sov med 29 no 10 140-144 O 66
- Electrolytic composition of gastric juice in peptic ulcer. A Λ Fisher. Sov med 30 no.1,46-50 Ja '67,
- Role of nervous system in sustaining constancy of electrolytic composition of muscle fibers S.I Fudel'-Osypova, I I Parkhotyk Fiziol zhur [Ukr ] 12 no. 6 738-747 N-D 166

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- Chemical coordination in electrolyte solutions. L.S. Lilich Probl. sovr. khim, koord. soca. no. 197-135
- Hydrogen absorption by steel in alkali sulfide electro-lytes 1. S. Shparber, A. V. Shueider, N. P. Zhuk. Zashch met. 3 no 1:73-78 Ja-F 187.
- Mcasurement of the transport numbers of lons with respect to a solution in HCl, LiCl, NaCl, KCl solutions. B. P. Konstantinov, V. P. Trochin, Izv AN SSSR, Serkhim no. 12-2104-2110 '56.
- Use of polyelectrolytes for removing admixtures from native solutions of penicillin S. A. Zhukovskaja and others. Antibiotiki 12 no 13-8 Ja 167.

### ELECTROLYTE SOLUTIONS-ANALYSIS

Using a rotating-disk electrode in the polarization analysis of nickel plating electrolytes. S.S. Kruglikov, E.V. Somina, N.T. Kudriavtsev, Zashch, met. 3 no.1,92-95 Ja-F '67

## ELECTROLYTES

- Coordination numbers of weak electrolytes as dependent on the density of H₂O solvent, M. A. Styrikovich, O. L. Mattynova, E. I. Mingutina Doki AN SSSR 171 no 4-911-914 D *66.
- Sirect of freezing on the properties of metal hydroxide coagulates. Part 3 Effect of electrolytes on the change or particle size of from hydroxide and on the rate of fittration (with summary in English). V. L. Zolotavin, V. V. Vol'khin Koll, zhur, 23 no 3:276-280 My-Je
- Thermodynamics of solvation of some electrolytes in formamide and N-methylformamide. IU. M. Kessler. Elektrokhimila 2 no. 12:1467-1466 D *66.

# ELECTROLYTES-CONDUCTIVITY

Processes occurring at electrodes during passage of elec-tric cur rent through electrolytes, B, R Lazarenko, N, L Lazarenko Elek obr mat, no 13-10 '66,

# ELECTROLYTES—SAFETY MEASURES

Preventing pitting in electrolytes for nickel plating, M.A., Belenkli, A.F. Ivanov, Biul, tekh, ekon inform, Gos, nauch, elsel inst. nauch i tekh, inform 19 no 12 8-9

### ELECTROLYTIC CORROSION

Study of the activity of a corrosion cell with films of hydrocarbon-soluble inhibitors. V. F. Negreey, I. A. Mamedov, I. F. Mamedova, Trudy Inst, khim, AN Azerb. SSR 20:127-137 161.

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### ELECTROLYTIC POLISHING

Pleate cchemical pulsating of contact areas of mate parts. VD Forms, and others. Tech rore proiss, no 6 70-71 J-D '6b

### ELECTROLYTIC REDUCTION see Reduction, Electrolytic

#### ELECTROMAGNETIC FIELDS

Diffraction of a plane electromagnetic held on an ideally conductive balf-plane in aumform half-space V. I. Dmitriev. E. V. Zakharov. V.ch. met i prog. 5 187-

Difficaction of an arbitrary electromagnetic field on cylindrical bodies. V. I. Dmitriey. Vych net i prog. 5 253-25u '66.

### ELECTROMAGNETIC PROSPECTING

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Use of an alternating current charge method in a gold deposit B.V Rogache and others. Razved i okh nedi 26 no 3 38-42 Mi '60.

Van'ian, L.L. [Establishment of the electromagnetic field and its use for the solution of the problems of structural geology] Stanovicnie elektromagnithogo polia i ego ispol'zovanie elia reshenita zadach strukturnoi geologii. Novosibirsi., Nauka, 1966. 101 p.

### ELECTROMAGNETIC PUMPS

Turbulent flow of a conductive figure in an annular channel m presence of a circularly rotating magnetic field, A V Ivanov-Smolenskii, G S Tamaolan Izv AN SSSR. Fnerg. 1 transp no 5 71-79 N-D 166

#### ELECTROMAGNETIC WAVES

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Calculation of irregular wave guides with gyrotropic fill-ing. V, P Modenov V, ch. met i prog. 5:197-209 466

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### ELECTROMAGNETISM

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# ELECTROMAGNETS

licating of electromagnets during nonsteady operating modes, M E. Smel'nikova, Izv. vys. ucheb zav., elektromekh. 9 no.12 1307-1313 '86.

### ELECTROMECHANICAL ANALOGIES

Electrical model studies of combustion (Czechoslovak Socialist Republic), P. Samesh Neft khoz, 44 no. 11

## ELECTROMETALLURGY--EQUIPMENT AND SUPPLIES

Large-scale laboratory testing of Listyvanskiy anthracite in electrode materials for living the bottoms of electrolytic cells in aluminum electrolysis, N S Ostashevskala and others, Trudy Khum, -met.inst, Sib old, AN SSSR no, 16 129-144 '61,

Studying the properties of pitch anthracite coke as a possible raw material for anoth masses for electrolytic cells in aluminum electrolysis. N. S. Ostashevskaia, Trudy Khim, -met, inst. Sib. otd. AN SSSR no.16 117-128

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#### PLECTROMYOGRAPHY

Changes in myotatic reflexes in X-rayed rabbits. Z. M. Gyozdikova. Radiobiologija. 2. no. 4.579-579-162

Changes in the neuromotor apparatus in patients with numpers in the heuromout apparents a patental visit temporary disorders of cerebral blood circulation I. M. Zikharova - Frindy Turk, nauch -15c1 in d. klim, tur 142 metod, Icch - 8 73-83 [65]

Characteristics of the alectromechanical coupling of nontonic and tonic skeletal muscles in maminals | Zhulov | Fiziol. 2hui | 52 no 12,1147-1451 | D | 66.

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Pfacet of depolarizing and hyper polarizing currents on changes in action potential of normal and "to orainated" frog muscle fibers. G. A. Vart mian. T. A. Saronova. Bloff the M. no. 5-825-831 '66.

Intracellular electric potentials of the smooth muscles of the small intestine P. II Bobsch, H. M. Chaichenko Fiziol zhui [Uki j. 12. no. 6 757-767 N-D 166.

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### ELECTRON BEAMS

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### ELECTRON MICROSCOPY

Electron microscope analysis of the kinetics of formation and growth of globules in heterophase polymer leating of acrylouti lie E. S. Roskin, G. B. Karpanko, N. B. Lanozakia, Liv vys, ucheb, zav, khim, i khim, tel h 9 no. 5-019-022 '66.

Electron microscopic study of blood platelets in normal man and in patients with Weithoff's disease. A A Tots-kaia, L S. TSepa Arkh, and , gist, i embi. 51 no. 10 40-10 O 166

Election microscopic study of Lamblia muris in connec tion with the characteristics of the ecology of this pricaste. M M, Solov'ey, IU. S, Chantsov, Med. pricast. 1 paraz.bol 35 no 61667-672 N-D '66.

Electron microscopic study of membranes and some specialized cell surface structures of aliantoic epithe-lium of chick embryo, L. V. Danifoya, S. N. Seltzneva Doki, AN SSSR 171 no 4,881-881 D 166.

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Study of the phase composition of vanadium catalysts by X-ray and electron microscope methods L.N.Kurina and others Trudy TGU 185 103-110 '65.

Wing muscles in insects; electron microscopic and room genographic study. L. L. Razumova and others. Biofizika II no 5:819-821 '66.

### ELECTRON OPTICS

Experimental study of the operation of an election optical mirror system. O. M. Artamonov, N. B. Gerssimova, S. A. Komolov. Opt. - mekh. prom., 33 no. 12.17-20 D 168.

#### ELECTRON PAIRS

Josephson's effect during twinning with Ir. 1. II "! Ivanchenko, A V.Svidzinskii. 112-net 1 met it 22 no. 4 619 -621 O 66.

### ELECTRON PARAMAGNETIC RESONANCE

Analysis of electron paramagnetic resenses says a fluor ocarbon is disals in fix adjusted tetraflus, we will be must be and others. From et 1 et que 1 1 f no 5:679~684 5~O 66.

Changes in election paramagnette reconsider  $q_{2k+1}$ , polychelate compounds of copper as a result of teatment. G. F. Gerbellinger, V. F. Americans  $s_{k+1}$ . Keier. Kin, I led. 7 no. 621078-1090 27-5-5-5-

Determining parameters of electron parameters per tale of free radicular with the help of standard I. G. Kharitonenko. Biolistica Baseles

liffect of unlayid completibles on paramagnetic product of Nd in CaWO₄. M. M. Zaitov, [1, 14, 4n, 1], vied, Zhur, eksper, i teoret fiz. [1, 10, 9+40, 11],

Electron paramagnetic method for studying ald primitochond in and animal and plant from confect Kin I schenically Chemical Market Kin I schenical Kulmarson Bloffiths Hard the Chemical All Kulmarson Bloffiths Hard the Chemical Chemic

i lectron paramagnetic reformance metrics of (1,1). I kinetics of acrylic oligosette at advance observer polymer Lation. B. R. Smirnov, G. V. Kerob., 1 v. Rei In. Kin. i kat. 7 no 6:100-991 N-1; [1]. Electron paramagnetic resonance spectra of certification by no 6:1060-1064 N-D [1].

Direti on puramagnetic reaconance apection of orthogonal 6-dialky 1-substituted hydroquinone i V, It Post of a V. A. Khizhayi. Teoret i eksperakhim. Z po 5-0 %

Piceti on paramagnetic renonance spectrum app oxygen adsorption on ratile. V. M. Mostliki, k. kat. 7 no 6 1105 N.D. 66

Electron paramagnetic resonance spectrum of parts - !-Carrying on totraflum orthylene polymer (* 1866 - ). A.S. Baberkin, V. G. Peclarikov, P. V. Volkara (* 1886). kat. 7 no.6 1081-1085 N-D 566.
Formation of free radical states following visit is the

effect on systems containing chiorophylic (c. 1.1) **
reve and others. Biofizika 11 no.6 Treess) *

inter and others. Hiofizika it more and interpretation on proton of hydroxyl group. Part 1: Dili, decomposition of hydroxyl group. Part 1: Dili, decomposition of hydroxyl group. KrugHak. Teoret, i eksperakhim. 2 no at p

Intramote culm hydrogen bonding and superfire spending on proton of hydroxyl group. Part 2 Polyh karaka thaquinones. A.P. Latektis I.S. Romoten at 1 Krughisk, Teoret Coluper khim 2 no 5 : 4 : 1* 5-0 66.

Photolytic decomposition of discyl prancises of the means of electron paramagnetic renorms religions and others. Dokl. AN SSSR 121 no. 1 to 1 1) 166.

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Reconance absorption of  $V^{3+}$  for in countries A = 1, 21 min, E, A, V inop into and other, A = 1, 21 min, E, A, V inop into and other, A = 1, 21 min, ^ւնն,

Spin-lattice relaxation of exchange-thier a Weg 1  $_{\rm CP}$  centers. M.D. Glinchuk, V. G. Grachev, M. 1. 1)  $_{\rm Tx}$  : FP, two , tela 8 no.11;3354-3362 M  6  for

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# ELECTRON TUBES

System of designations of foreign electron action devices. C. Zel'din Radio no R (P in term

ELECTRON TUBES-HANDBOOKS, MANUALS, 1,117. Gurley, D. S. [Handbook on electronic devices] * 1. - vochnik po elektromym priboram. Est. 4., 1917-7. E. dop. Kley, Tekhnika, 1906. 730 p.

# ELECTRONIC ANALOG COMPUTERS

Digital analogs. B. L. Ermilov. Shor, 135, 100, tromekb. no. 4:202-213 160.

### ELECTRONIC APPARATUS AND APPLIANCE.

Increasing the durability of technological risets A. A. Novikov. Elek. obr. mat no. 1:70-78 tr

### ELECTRONIC APPARATUS AND APPLIANCES --ABSTRACTS

[Electronics and its applications] Ref. zhur. ' bles. i to prim. nos, 2-3 F-Mr '67,

### ELECTRONIC CIRCUITS

- "Digit-displacement" converter with raster grating, V.1. Shinggin, IU, A, Shitalov, Vych tekh [MVTU] no 5 Shindpin, II BR-102 466
- Khirchenko, R.R., ed. [Electrical measurement converters] Hicktricheskie Dmerkelbye preobrazovateli, [By] V.III.Konchilovskii i dr. Moskva, Energiia, 1967.
- Mithodology, and results of network calculation based on principle of distribution of current in wide temps rating range, V. G. Kelosov, N. I. Radomylyskaia Prindy GGO no. 199417-135 66
- Transfer characteristics of distributed uniform R-C-NR structures. R S KiPmetov, P, B Mckhantsev. R diotekhalk c  $22 \cdot no.163 \cdot 64 \cdot Ja^{-1}67$
- ELECTRONIC COMPUTER PROGRAMMING 860 Programming (Clectronic computers)

### ELECTRONIC COMPUTERS

- All conditioning in computers, V. IA, Mckler, S. L. Zyk, Lhol tekh, 43 no 12 31-36 D 466 takeh, 43 no 12 31-36 D 766 takeh discount of operational diagrams of travelers on electronic computer "Promint" P. P. Dvolnykh, Ryb kho. 43 no 1123-31 467
- Computers and their possibilities. M. Ziiakhadzhaev, A. Pirmukhamedov Narkhoz, Uzb. 3 no. 2,81-84 F⁻¹hd.
- Dispersion of the frequencies of appearance of random Dispersion of the frequency of appetiture a tandom timary combinations in treatment with shift, A M Moreron, D M Sudakov. Trudy Vych tsentra AN Gruz SSR 72 10-19 (6) lectronics and remote control in the communal economy, I Makimov skii — Inform, binl VDNKR no 12 17-18 1 (6).
- 1 spellency of the realization of the orthogonalization principle of multidimensional vectors using a special computer. A 5h Chadunell, Trudy Vych laentra AN Graz SSR 7 2 27-31 bb.
- Method for raining the order of code rings. A N Rad-thepker, Shor, rab po vop elektromekb. no 4 213-226 *60
- Functional relationships of the correction of a random numbers to an aduct with a binary counter. A M Morozov, Toudy Vych tentra AN Grus SSR 712132-39 466
- Use of electronic integration for studying the dynamics of the speed control of hydrolic units. If I Peruvskala, V, V. Semenov, F. N. Fomina, Shore the povop, elektromekh no. 1 / 35~248 460.

### ELECTRONIC COMPUTERS-ABSTRACTS

- [Automatic control, remote control, and computer tech-nology] Rof, shur. Avtom., telem.i vych.tekh. no. 3 Mr '67, Avtorskii ukaratol' za 1966 g.
- [Journal of abstracts, Cybernetics] Ref. zhur, 'Kib, no. 2

- ELECTRONIC COMPUTERS—CIRCUITS
  Mgo: Rhm for the synthesis of a threshold element,
  V, V I itvinov, Liberarthia no. 5:67-63-5-0-166,
  Approximation analysis of a parametron using dynamic
  condenses s. V. D. Bogoliubov, V. M. Riskevich,
  Flektricht stvo no. 1:77-81 Ja 197.
- Construction of time-pulse converters of voltage to code, V.K. Zlobin. Vych tekh, [MVTU] no 5.75-87 166.
- Design of a magnetic shift register with split windings, A Sign in a chargoene som register with spin windings, 1., A. Chinenkov, P. A. Demin, A. F. Chesnokov, Radio-teklimka 22 no. 1995-94 Jul 167.
- (eginna 72 no. 1994 34 or 1 Forles) and switching circuits using switching diodes and for it wwith rectangular hystoresis loop, V, F, Molek-hin, I, V, Melekhina Trudy G(O no. 199453-199 '66
- Method for network control in the performance of aperations. Z. Sh. kipshidze. Trudy Vych, tsentra AN Gruz SSR 7.2 53-50 466.
- l olerance calculations of electrical circuits of electronic computers. P. P. Mesiatsev. Vych, tokh, [MVIU] no. 5, 176-176 166.
- Two-alphabet logical circuits of alternating current, V. A. Titov. Trudy NIGMP no. 15:138-149 466,

## ELECTRONIC COMPUTERS-MEMORY SYSTEMS

Lipman, R. A. [Magnetic storage counters] Magnitnye nakopitel'nye schetchiki. Moskya, Energlia, 1967. 142 p. (Biblioteka pe avtomatike, no. 220)

## ELECTRONIC COMPUTERS-PROGRAMMING

Realization of symbolic operations on an electronic computer. M. I. Kabanov. Vych. met.i prog. 5:331-343

### ELECTRONIC COMPUTERS-RELIABILITY

- Banks for equipment reliability requirements in designing computers with optimal reliability. L.V. Surkov. Vych. tekh. [MVIU] no. 5:142-153 166.
- Method for analyzing the reliability of computer stages using a functional network in the design stage. O. I. Lizov. Vych. tekh. [MVTU] no. 5:154-163 166.

# ELECTRONIC CONTROL

- Akhmetzhanov, A.A. [Angular position transmitting systems with increased accuracy] Sistemy perceachi ugla povyshemoi technosti, Moskva, Energija, 1986. 271 p.
- Electronic relay regulator, E. Dranitsyn, Avt. transp. 45 no. 1:46-47 Ju 167.

### ELECTRONIC DATA PROCESSING

- Computers in economics and planning 10, Olernik Radio no 11 6-7 N 166
- Deenemic mathematical model of optimum concentration and spacing of distributing tank tarms G V Shalabin. Neft khoz 44 no.10 58-61 O '66.
- ELECTRONIC DATA PROCESSING -- AGRICULTURE see subdivision under Lenbugrad Province, Tambov Province

### ELECTRONIC DATA PROCESSING-AIR FLOW

- Calculating are change in multistory buildings with the use of electronic computers | K S Syctley | Vod 1 san tekh, no H '8-31 | N '56
- ELECTRONIC DATA PROCESSING—BESSEMER PROCESS Modeling the oxygen-blown converted process by computer, D. I. Pulkink h. L. A. Alckseev – Izv. vys. ucheb zav., chern met, 10 no 129-33 | 167

#### ELLCTRONIC DATA PROCESSING-COAL MINES AND MINING

- MINING
  Determining the optimum cross section of development corkings A. S. Sagnos, IU. A. Veksler, A. N. Lebedev Upolt 12 no 148-21 Ja '67
  Sequential method for solving problems in long-term planning of the development of coal mining operations V. V. Shkurba, IV. L. Ivanov, A. M. Arabadzhev, Kibernettka no 5,99-102, 5-C '66

#### ELECTRONIC DATA PROCESSING-COAL MINING MACHINERY

- Studying operating conditions of mining machinery actual ing mechanisms with analogue computers. V.G Luklen-ko. I.G.Shmakin Izv vys.ucheb.zav., gor zhar 10 no.185-87 67.
- ELECTRONIC DATA PROCESSING—COMPRESSORS Calculating operating regimes of gas pipeline compressor stations using electronic computers. S. N. Simitsyn, M. O. Sukharev, I. V. Leont'ev. Ga. prom. Il no. 12 17-19 '66.

#### ELECTRONIC DATA PROCESSING-CONCRETE

- Increasing the strength of concrete with programming of the heat treatment process. A. I. Shkoliarov Sbor. march, trud. PNIUI no. 10:221-234 168.
- ELECTRONIC DATA PROCESSING-CONGRESSES see subdivision under Communist countries

#### ELECTRONIC DATA PROCESSING-CONSTRUCTION INDUSTRY

Bronet L.D. [Using electronic computers in design and construction planning] Primenenie elektromykh vychis-litel'nykh mashin v arkhitektuno-stroitel'nom proektirovanit. Moskva, Stroitzdat, 1966, 170 p.

#### GLECTRONIC DATA PROCESSING—DEFORMATIONS (MECHANICS)

Studying deformativity of double-branched columns using electronic digital computers. A. Dykhovichnyl, R. Petrushok. Prom. strol i inzh. soci. 8 no. 6:23-25 N-D '66,

# ELECTRONIC DATA PROCESSING—DIESEL LOCO-MOTIVES—HYDRAULIC DRIVING

- modivis—a Dianolla Switten of stepped hydraplic transmission of diesel locomotive using electronic modeling installation, I F Pushkarev, Shor trud, LHZHT no, 232:14-59 [64].
- ELECTRONIC DATA PROCESSING—DYNAMICS
  Methods of testing on electron models the dynamic
  processes in static corl mine plovs. IU. F Fedotov.
  17v. vys. ucheb. 2nv., gor., 2hur. 8 no. 0 139-146 465

# ELECTRONIC DATA PROCESSING-ELECTRIC NET-

- Colculation of currents and voltages arising during breaks and short-circuits at random points in networks. N. G. Turkifa. Soob. AN Gruz. SSR 44 no.2;417-424 N '66.
- ELECTRONIC DATA PROCESSING-ELECTRIC POWER DISTRIBUTION
- Kernogo, V. V., and A. Sh. Kogan. [Methods and program for calculations using the "Minsk-2" digital computer for the selection of the cross section of power transmission lines taking into account the dynamics of the load and the local conditions] Metodika i programma rascheta na EVM "Minks-2" vybora sechenti provodov linii elektroperedachi s uchetom dinamiki nagruzki mestnykh uslovii. Minsk, Vychislitel'nyi tsentr, 1964, 29 p.

### [MICROFILM]

- Method for analyzing operational nonsymmetrical modes of electrical systems with approximate calculation of incomplete phase elements. L. M. Vainshtein Izv. AN SSSR, Energ. i transp. no. 6:5-11 N-D 166,
- ELECTRONIC DATA PROCESSING—ELECTROMAGNETS Verifying calculation of electromagnets with saturated magnetic circuit using a digital computer. S. L. Dun and others. Lzv. vys. ucheb. zav., elektromekh. 9 no. 12:1389-1393 166.

### ELECTRONIC DATA PROCESSING-ELECTRONIC APPARATUS AND APPLIANCES

Accelerating statistical tests in calculating allowances for output parameters of electronic systems by means of an electronic digital computer. G A.Krasheninnikov. Stand, I kach, 30 no.11:66-70 N '66.

#### CLECTRONIC DATA PROCESSING-ENGINEERING GEOLOGY

Lukinskii, V. A. [Problems of the geometrization of 'j'sicotechnological and mining geo'o, 'indices of deposits for modeling on digital com, alers, for students specializing in the "Physics of rocks" | Voprosy geometrizatsii fiziko-tekhifenskiih i gornogeologicheskikh nektorika meste ophdenia dig medel nektorika meste ophdenia dig medel nektorika neti zatsi iziko-tekniicheskiki i goi nogeologicheskik polazatele mesto ophdenia dika modeliro anina na TsyM, dila studento-spetsial'inosti "Fizika gornykh potod "Moskya, Mosk, in-t radioclektroniit i gotnod mekhaniki, 1966–127 p

### ELECTRONIC DATA PROCESSING-EXCAVATING MACHINERY

Testing on electronic models the dynamics of cleetromechanical systems of drights hosting during their joint operation. V. P. Lomal in and others. Dr. No., wheb, zav., gor zhu. 8 no 9 150-155 165

### ELECTRONIC DATA PROCESSING-EXHIBITIONS

"Interorgic limika-66," There i elel no 6:54-55 N-D

# ELECTRONIC DATA PROCESSING-FURNACES,

- HEATING
  Effect of thermal properties of steel on technology of heating N IU, Taits, V, N, tsisaturov 12v /vs. ucheb zav., chern met 10 no 1481-180 167
- ELECTRONIC DATA PROCESSING-GEOLOGY Using electronic computers in studying structure and evolution of the earth V I, beilts-Borok Izv in SSSR Ser. gool, no.13-10 Ja '67

#### ELECTRONIC DATA PROCESSING—INDUSTRIAL MANAGEMENT

(see also subdivision under Kazakhstan)

- Istomin, L. I., and D. I. Ignat'cy. [Use of malhematical methods and electionic computers in management] Primenente matematicleskikh metodov i FVM v uprævlenti. Moskwa, Evonomika, 1986, 71 p. (Bibliotechka khoziaistvennogo rukovoditelia)
- Submitting for printing the results of the processing of economic information by means of electronic computers G.D. Brodshii G.N. Andriano. Bull tekh -ckon inform Gos nauch issi inst nauch i tekh inform 19 no 12 51-53 D '66

### ELECTRONIC DATA PROCESSING—LOCOMOTIVES

Method of operational planning of locomotive operation, G G. Tregubov Vest, TSNII MPS 25 no 7:56-60 166

#### ELECTRONIC DATA PROCESSING-MACHINE-SHOP PRACTICE

- Officiency of automatic planning of the adjustment of machine-tool units by means of electronic computers G K. Goranskii, V. A. Trainev, P L. Rozental! Prom Bel. 10 no 1:58-60 Ja 167
- CLECTRONIC DATA PROCESSING-MACHINERY INDUSTRY
- Establishing production programs in a machinery plant with small lot and piece production R, S Sedegov, L I
  Karp Biul tekh ekon inform Gos pauch, elsst inst
  nauch i tekh inform 19 no ll 78-79 N '66,

### ELECTRONIC DATA PROCESSING-MAGNETIC MEASUREMENTS

- Modeling by MN-7 electron computer the work of ferromagnetic probe instruments for measuring of magnetic fields, E.I. Popev, V.I. Portnov. Defektoskopila 2 no. 5:89-77 '06,
- ELECTRONIC DATA PROCESSING-MATHEMATICS Degree of increment of evact signaling pulses for Turing machine computations, R. V. Freivard Alg. 1 log. 5 no. 5 85-84 '66.
- on some automata capable of computing the basis for recui sively enumerable sets. V. A Nepomnia shehit. Alg. 1 log. 5 no 5.69-83 '58

### ELECTRONIC DATA PROCESSING—METALLURGICAL PLANTS

Seminar "Algoritmizats lia proizvodstvennykh protectsov."

[Reports of the Seminar "Algorithmation of Production Processes"] Seminar "Algorithmizats lia proizvodstvennykh protectsov ", [doklady] Kiev, Naukova dumka.

No.7. 1895. 39 p.

# ELECTRONIC DATA PROCESSING—MINE HOISTING

Influence of lower shock absorbers upon additional loads in components of multirope hoisting equipment. V. M. Chermalykh. Izv.vys.ucheb.zav.; gov.zhur. 10 no.1; 118-124 '67

# ELECTRONIC DATA PROCESSING—MINE VENTILATION

Topological analysis of coal mine ventilation networks. A. A. Volkov, A. G. Evdokimov, R. T. Volkolupova. Izv. vys.ucheb.zav.; gor.zhur. 10 no.1:66-75 '67.

### ELECTRONIC DATA PROCESSING-OIL HYDRAULIC MACHINERY

Methods of calculating double-acting hydraulic-impact machines. L. G. Sholokhov. Ezv.vys.ucheb.zav.; gor. zhur. 10 no.1;93-100 '67.

ELECTRONIC DATA PROCESSING—OIL WELL DRILLING Using electronic computers for controlling drilling process S S Guzhov Neft Phos. 41 no 12 66-67 D 166

ELECTRONIC DATA PROCESSING-OIL WELL LOGGING

Stratigraphic division and correlation of logs using elec-tronic digital computers B. L. Gurevich and others Next.i gaz prom no 5,9-11 5-0 '66

#### ELECTRONIC DATA PROCESSING-ONCOLOGY

Attempt to use electronic digital computers for differential diagnosis of laivageal cancer E S Got mnova P F Kunn E A Likhtenshtein Sov med 29 no 10 48-50 O 166

ELECTRONIC DATA PROCESSING-PETROLEUM PRODUCTION see subdivision undc: Gnidin Oil

ELECTRONIC DATA PROCESSING-PIPELINES Calculating operating regimes of closed-loop systems of graphpelines using electronic computers, R, IA Berman, S A Bobrovsku, E f Galiullin, Gaz prom Il no 12 14-16 '60

Central confi of service of pipeline performance using electronic digital computers and oscillograph. Neft.i gaz.prom. no 5-54-55 S-O '68.

Designing of pipulines using computers, E. M. Al Energomashinostrocme 12 no li 34-36 N '66,

# ELECTRONIC DATA PROCESSING-PRODUCTION ENGI-

Automatic control of production G D, Brodskii, G, N Andrianov Buil tekh -ekon inform Gos, nauch -is inst nauch i tekh inform 19 no il 75-77 N 166

#### ELECTRONIC DATA PROCESSING-RAILROADS (see also subdivision under France)

Seminar "Algoritmizatsia proizvodstvennykh proteessov."
[Reports of the Seminar "Algorithmation of Production
Processes"] Seminar "Algorithmation of Production
Processes"] Seminar "Algorithmation of Production
pkh proteessov", [doklady] Klev, Naukova dumka.
No.7. 1965 39 p.

### ELECTRONIC DATA PROCESSING-RAILROADS-CURVES AND TURNOUTS

Calculating curves using electronic digital computers, V M Loginov. Put' i put, khoz. il no.110-12 '67

# ELECTRONIC DATA PROCESSING-RAILROADS-

Using electronic digital computers in designing railroad stations V M. Minoshnichenko Transp stroi 18 no. 3 38-39 Mr '86

#### ELECTRONIC DATA PROCESSING-RAILROADS-TRACK

High-speed algorithm for building short distance netvorks, S. V Duvainan Vest TSNII MPS 25 no. 8:60-62 *66

#### ELECTRONIC DATA PROCESSING-RAILROADS-TRAFFIC

Simulating train traffic on computers B A. Zavitalov Vest TSNII MPS 25 no 8.56-60 '66,

#### ELECTRONIC DATA PROCESSING-ROAD CONSTRUC-TION

Khavkin, K.A., and L.N. Dashevskii. [Designing longitudinal section of automobile roads, methods and automation] Prockthrovanie prodol'nogo profilia avtomobil'nykh dorog, metody i avtomatizatsila. Moskva, Transport, 1966. 237 p.

ELECTRONIC DATA PROCESSING-ROADS-DESIGN see subdivision under Sweden

### ELECTRONIC DATA PROCESSING-SCREENS (MINING)

Analyzing dynamic parameters of heavy resonance screens with electronic analog computers. V. N. Poturaev. Gor elektromekh, i avtom. no. 1/151-165-185

## ELECTRONIC DATA PROCESSING-SHIP HANDLING

Designing of optimal shap control systems using electronic computers I, R, Freidzon, IU, IA, Zubarev, Elektrichestvo no. 1.33-37 Ja '67,

ELECTRONIC DATA PROCESSING—SHOCK (MECHANICS) Method for the approximation of complex functions, K.S. Khomiakov, Vych. tekh [MVTU] no. 5;2:12-246 *86,

### ELECTRONIC DATA PROCESSING-STRIP MINING

Algorithms of three-dimensional modeling of mining operations in open-pit mines with use of electronic compaters G. K. Kotov. V. M. Kisliak. Izv.vys.ucheb. zav.; gor.zhur. 10 no.1;48-54 467.

#### ELECTRONIC DATA PROCESSING-SUPPLY AND DEMAND

Efectronic computers in production and trade management A IA: kin. Sov. torg. 40 no. 12:13-17 D 166.

### ELECTRONIC DATA PROCESSING-TECHNOLOGY

Patrunov, F.G. [Machine controls technological processes] Mashina upravliaet tekhnologicheskim proisessom, Moskva, Znanic, 1967, 31 p. (Novee v zhizai, nauke, tekhnike. XIV Seriia: Radiotekhnika i sviaz', no. 2)

### ELECTRONIC DATA PROCESSING-TURNING

Using electronic computers in calculating cutting conditions for seminatomatic multispindle lathics A.M. Gilluan, L.A Bia-linian, I.K. Matiaeva Avt. pioni 3. no 12 31-33 D '68

### ELECTRONIC DATA PROCESSING-WATER, UNDER-GROUND

GROUND Using electronic computers for hydrodynamic calculations of water intales of underground waters. V. M. Kononov lzv vys wheb. zav., geol 1122v 10 no 185-91 Ja 187.

#### ELECTRONIC DATA PROCESSING—WATER-SUPPLY ENGINEERING

Calculating water supply systems using electronic analog computers, I S Egil'skii, I V Kozhinov Gor, Mioz, Mosk 41 no i 15-17 Ja '67,

Calculating water supply systems using electronic digital computers. E. M. Gai'perin. Vod. i san tekh no. Il 6-10 N. '56

# ELECTRONIC DATA PROCESSING-WINE AND WINE

Automation of accounting for the movement of auxiliary materials in the Tiffits Champigac Factory G I. Kasrada. Trudy Vych, tsentra AN Gru. SSR 7 2 92-103 166

#### ELECTRONIC DIGITAL COMPUTERS

Addition and subtraction of numbers represented by a binary-decimal code B, V, Anlaimov, N M, Selomatin Vych, tekh, [MVIU] no. 5,5-19 166

Application of some information theory methods in the technology of automatic digital computers E.I. Mamonov Vych, tekh, [MVIU] no. 5 118-130 166

Computing systems of low and medium productivity F V Fyreinov Vych, sist, no 2 i 5-12 '66,

Determination of reliability norms using individual units of electronic digital computers for the coordination step of a tactical-technical assignment. L. V. Surkoy. B.I. Belov, V.IA, Petroy. Vych, teth. [MVIU] no 5,161-169

Digital computers and programming TSifrovala vychisli-tel'nala tekhnika i programminovanio, sbornik statet. Pod 1ed. A.I. Kitova. Moskva, Sovetskoe radio, 1966-(CaOTU)

Digital modeling of digital computer circuits I P. No. kov. B. I. Belov. P V. Nesterov Vych. tckh (MVIU) no 5131-141 166.

General-purpose computer system "Minsk-222 " E V.

Eviction, G. P. I opato Vych, sist, no 23tl 3-20 166.

Kaplinskii, V. V., and R. V. Aruthmov. [Electronic digital computers] Elektronaye isifi ovye vychisitol'nye mashiny Moskva [Statistika] 1966, 157 p

The "Minsk-2/22" control computer for uniform generalpurpose computer systems, V, V, Pizhiiaikovskii Vych, sist no 23 21-34 156,

The "Mir" electronic digital computer, inform, biul. VDNKII no.1213 D '66,

Operational reliability of the "Minsk-2" electronic computers, V. V Przhifalkovskil, A. G. Pehonik, M. S. To-kar, Vych, sist no. 23 91-98 466.

Some problems hearing on the reliability of homogeneous multipurpose computer systems, V G, Khoroshevskii, Vych, sist. no. 23 69-90 466.

System unit of the control computer in the "Minsk-222" computer system. G. P. Lopato and others. Vych. sist. no. 23 35-67 166.

## ELECTRONIC DIGITAL COMPUTERS-CIRCUITS

Design of a diode square wave decoder. B. V. Anisimov, L. V Surkov. Vych tekh. [MVTU] no 5.31-77 '66. Mcl'utkov, C. P. [Tulse-potential diagram method in the selection of logical circuits of digital computers] Metod impul'sno-potential nykh diagramm pri vybore logicheskikh skhem tsifrovykh ustrolstv. Moskva, 1904, 10 p.

Some physical principles of the construction of logical culcults using thin magnetic films, P. V. Nosterov, I. P. Norenkov. Vych. tekh. [MVTU] no. 5:20-30 '56.

### ELECTRONIC DIGITAL COMPUTERS-CONGRESSES

Seminar "Voprosy teorii elektronnykh talfrovykh matematicheskikh mashin," [Reports of the Seminar "Problems of the Theory of Electronic Digital Computers"]
Seminar "Voprosy teorii elektronnykh tsifrovykh matematicheskikh mashin"; [doklady] Kiev, Naukova dumka, No.8, 1965, 84 p.
No.1, 1968, 135 p.

### ELECTRONIC DIGITAL COMPUTERS—DESIGN AND CONSTRUCTION

Technological principles of designing small-size computers, V. V. Przhiialkovskii, Vych, stst. no, 23:99-III

#### ELECTRONIC DIGITAL COMPUTERS-INPUT-OUTPUT EQUIPMENT

System of subprograms for the imput and output of alphabotical and digital information. N. V. Bondarenko. Vych. met. i prog. 5;319-324 '66

#### ELECTRONIC DIGITAL COMPUTERS-MAINTENANCE AND REPAIR

Problems of regalrability of electronic digital computers, M.A. Titov, L.V. Surkov, S. R. Ivanov, Vych, tekh, [MVTU] no. 5;201-210 '66,

# ELECTRONIC DIGITAL COMPUTERS-MEMORY

Dependence of the principal parameters and structure of rependence of the principal pressurers and selffected information storage systems on the characteristics of digital computers. E.I. Mamonov Vych ickl. [MV 10] no 5:103-117 [66].

Long-term memory using metal cards A.V. Petros, V.I. Vinogradov Vych tekh [MVIU] no. 5: 41-20 usi.

Memory device with external sampling, V.N.Smakin, N.P. Vashkevich Vych, tekh [MVTU] no 5,51-57 444

Principles of the construction of a long-term mening device A V, Petrov. Vych. tekh [MVTU] no 545-74

Unilateral type-Z memory device of the BFSM-2 can-puter. L.G Kiknadie, T G Sikharulidze Trud, Vych teentra AN Gruz SSR 7 2 22-26 466

### ELECTRONIC DIGITAL COMPUTERS-PROGRAMMING

Direct input of initial information in digital computers through a buffer memory device using a mapurity A. Sh. Chadunell, L. G. Kiknadze, A. D. Zurabishyi Trudy Vych isenira AN Gruz SSR 77217-21 266

Selection of structure and system of commands for par dl automatic digital computers. P. A. Zhogolav. Vych. met 1 prog. 5:344-361 hd

Special features of programming and mathematical operations for the "Sctun" computer. P. A Zhago: Vych met i prog. 5:284-316 '66.

### ELECTRONIC DIGITAL COMPUTERS—RELIADILITY

Calculation of the operational reliability of digital erropater elements in dynamic operation, V.P.Pudeto., Vych, tekh. [MVIU] no 5189-200 for

Operational and reliability indices of the "Ural-2" digital computer, B. I. Belov, I. P. Norrakov, M. A. Htov Vych, tekh. [MVTU] no. 5.177-181 [16]

Reliability tests and evaluation of reliability of digital computers using derived information. B, i, Below or bothers. Vych, tekh [MV(U)] no. 5 211-221 4ab

### ELECTRONIC DIGITAL COMPUTERS—TESTING

Test alternative for the "Urol-2" digital computer, I. P. Norankov, M. A. Titov. Vych. tekh. [MVTU] no 5 134-108 166.

### ELECTRONIC INSTRUMENTS

Device for controllized measurement of hourly contained ** of a liquid, G. P. Salbanov and others. Blot (the echinomy flow match, 1981 instrument, 1 technique in 12:43-45 D 466.

Devices with tubes and transistors for investigating heat conductivity by means of a linear heat some  $e_i$ ,  $f_i$ ,  $F_i$ . IAnkeley,  $f_i$ ,  $f_i$  Bluvshtem —  $f_{12}h_i$  — $f_{12}$ ,  $f_{13}h_i$  —  $f_{14}$ ,  $f_{15}$ ,

Using multiple-point excitation of electrolynamic V. G. Bessonov, V. L. Koton, G. G. G. Margelin, Prill. mokh, 2 no.12,116-111 '66

### ELECTRONIC MEASUREMENTS

Gratefanskit, I.N. (Electronic measuring instruments, summary of lectures) Elektromye iameritel aye pribory, konspekt lektafi, Red. V.N. Malinevskit, Maskva, Mosk, energ, in-t. Pl. 4, 1966, 201 p.

Kharchenko, R.R., ed. [Electrical measurement convertors] Etektrichenkle izmerited nye produzen attil.
[By] V.IU. Konchalovskii i dr. Moskva, Encapita, 1967.

Special features of the problem of reliability of mere in ing instruments. Zh. B. Linkovsku. Iv., vsa, actib., zav., elektromekh. 9 no.12,1194-1195 465.

Use of a discrete method for measuring phase thifts, V V. Kovalevskala, H Z. Beteukki – Sbot, rab 151 vep elektromekh, no. 4.270-276 460.

### ELECTRONIC MUSICAL INSTRUMENTS see Musical instruments, Electronic

## ELECTRONIC NOISE

[Noises and parametric effects in microwave devices] Shumy i parametricheskie favlenila v elektromykh priborakh sverkhvysokikh chastot. [By] V.M.Lepukhia i dr. Moskva, Nauka, 1966. 371 p.

### ELECTRONIC OFFICE MACRINES

Mekh, strot. 23 no. 12:25-28 1) 168.

Internal management equipment. V.B. Liberman.
Mashinostroitel¹ no.1:7-9 Ja '6:7.
International exhibition of internal management equipment. M. A Shvarts, P.A. Stabi ovskii, Vest interlict ostr. 47 no.1:94-86 Ja '67.

#### ELECTRONIC PULSE TECHNIQUES see Pulse techniques (Electronics)

### ELECTRONICS-ABSTRACTS

[Electronics and its applications] Rof. zhur.; Elek. I co prim. nos. 2-3 F-Mr '67.

### ELECTRONICS-EXHIBITIONS

"Radioeisetronies" Pavilion in 1967. V. Kerechkin. 15form, biul, VDNKH no. 1:33-34 Ja 167,

## ELECTRONICS-STUDY AND TEACHING

Everyone should know electronies. V. Grimberg. May obr. no. 2:57-60 F '67.

### ELECTRONICS IN BIOLOGY

- Kency, S. V. [1 lection-excited states of biopolymeis] Flickfromovozbu/hdennye sostolanila biopolimeiov. Minsk, Nauka i tekhnika, 1965–185 p.
- ELECTRONOGRAPHY see Election diffraction evamina-

#### FIECTRONS

- Alternation problem, 1.P Zahkacy and others. Doki. AM SSSR 172 no 3,591-596 Ja 467
- Bromsstrahlung of electrons with  $\overline{\Gamma}=2$  4 GeV. IA Rem. V. G Grighin, V. D Rabisov Propertied Zhar eksper 1 tener fit. 1 no. 4406-440 Ag 466
- Magnetooptical measurements as somice of into mation about electron structure of ferromagnetic nickel Afmas'evn. (i, A. Bolotin. M. M. Noskov Fiz met 1 met dloyed. 22 no 6:028-832 D '66.
- Medica and addition of check one in homogeneous magnet-terests and weak electrostatic fields. V. Ch. Zhukovit fields and work electrostatic fields V Ch. Zhukov-skii. IU, A. Korovin L. v vysancheb zav i fiz 9 no.8. 166
- Study of coordination in the light of concents of the tale and deelectrons in themistry of the near of the long of deelectrons in themistry of themestry of themestry of property of D. I. Mendelectrosystem, S. A. Shchukarev, Probl. Spyr. khim. koord, noch 5-27 - 166.
- Study of  $\{e^{i}, \cdot\}$  pair production by electrons with E=2.4 GeV] Issledovanie obrazovanija  $\{e^{i}e^{-i}\}$ -pair elektronami  $\theta$  energiet E=2,4 GeV. [By] IA. Bem i dr Dubna, 1967—25 p
- Squar conductivity in a nonequilibrium system. E.G. Butyev. Phylovied.Zhun.eksper.itemet fiz. 5 no.2; i5-18 fm %1.

### ELLCTRONS-DIFFRACTION

I on energy electron diffraction on PbS. G. L. Zyrianov, Vest. J GU '1 no. 22:10-84 '66

#### LLECTRONS-SCATTERING

- Dependence of current corrier mobility on temperature in Gads enystals in adjuted by fast electrons V S. Vavilov and others. Piz tver tela 8 no 11,3390-3391
- Fi '05.
  Fifted of thermal expansion on the singularity of kinetic coefficients at the Carie point, V M Kontorovich Parky and Zhan, dopen, i teoret, fiz. 1 no. 5 109-122 5 166.
- The chron-electron scattering in approach to space com-ple elffication. Guogg-von-Phl. Vest. Mosk un Ser. 3: 11 . astron. 21 no.6:100-102 N-D '66
- l lectron scattering mechanism in IngO₃ films. V.I. 1 i.dult. V. M. Voimshtein. Fiz tver. telu 8 no. 11:3117-1148 N. ¹66.
- Inclustic electron scattering in burylling and lead at ...4de angle of incidence of primary bram. I. M. Brou-dictin. V. A. Dolinin. Flz. tver. tela 8 no. 11,3422-3124 N ⁷66.

### LLECTRO-OPTICAL EFFECTS

- Covariant form of tensor of square electro-optical effect in crystals | F. I. Ledorov, L. M. Barkovskii Bohl, AN BSSR 10 no 11 830-841 N *66
- Heetro-optical and chato-optical properties ofdenterated ammonium dihydrophosphate crystals. A.S. Vasilev-skula. A.S. Sonin. Platveritela B to 143431-3436
- Plectro-optical effect in GaAs. V. S. Bagaev, IU. N. Bernzashvili, I. V. Keldych, Phil. v red, Zhur, eksper. I tenret, fiz. 1 no. 9:364-368 N '66.
- Self-focusing of light beam with excitation of atoms and molecules of medium in beam. G. A. Askarlian. Pist v.r.d. Zhur, eksper. i teoret, fiz. 4. no, 10.400-403. N. 186

### ELECTRO-OSMOSIS

- l lectrokinetic phenomena in hydrocarbon systems with a hydrophilic disperse phase [with aummary in lengtinh]. IU. F. Delnega, G. V. Vinogradov, A. M. Vovnenko, Koll. Mur. 23 no. 3/201-261 My-Je [6].
- Plectrocamotic methods of drying walls and preventive measures to eliminate dampines B, V, Matveev Prom 611 of 30 no 12:20-31 (6)

### ELECTROPHORESIS

- Changes in dictiropheretic mobility of brain proteins related to ammonia formation. D. E. Klein, N. V. Gvallia, E. G. Kurtskhallin, Dokl, AN SSSR 171 no. 6; 1150-1453 D '00.
- Electrophorette analysis of hemoglobins in various bit d spectes. B.F. Sukhomlynov, V. A. Kushniruk, M. D. (Induntov. Dop. AN URSR no. 12.1605-1608 '66.
- Parous structure of electrophoretic deposits (with summing in English). I.S Laviov, Roll, thur, 23 no. 3-295-298 My-Je '61.

### ELECTROPHYSIOLOGY

- Characteristics of the biopotentials of the anterior spinal notes in postischomic spasticity, V P, Lebedev Fiziol, chur 49 no. 3;322-329 Mi 63.
- Convergence in the superior sympathetic ganglion in cate V.1, Skok, O.1A. Ivanov, R.P.Bukolova, Fiziol, zhur. [Ukr.] 12 no. 6, 721-727 N-D 166.
- Development of evoked potentials in the sensory-motor and associative zones of the cortex in kittens. O.G. Haklavodzhian, F.A.Adamian Fiziol, zuur 49 no. 3: 269-276 Mr +63.

- [Dynamics of neuron networks, reports] Dinamika nciron-nykh setei, sbornik dokladov. Vilnius, 1966. 92 p.
- Effect of alternating current on hematological indices in fish. B. V. Kraiukhin, L. I. Smilliova. Trudy Inst biol vauti, vod no, 10 278-283 166
- l ffect of bromide on spinal postsynaptic inhibition G. A. Bartanian, N. M. LAkovley, Zh G Aleksandi ova Fiziol zhur. 52 no.12,1426-1133 D '66.
- Effect of the sympothetic nervous system and adjenaline on the potentials of the doisal surface of the spiral cord M A Bagramova Fiziol zhut 52 no 11 1304-1310 N 166
- Electrophysiological study of the activity of skin and motor analysors and the effect of acceleration E Marukhaman and others Zhur "ys ner" derat 12 no 6 1021-1028 N-D '62
- Evaluation of active phase potential of terminal plate by tension fivation method. I. S. Magura. Biofizika II no 5 916-919 166.
- Functional significance of the reticular formation of the the coronal against on of neuronal activity in the coronal activity in the cor
- Nonpolarizing electrodes for intracamitary derivation of slowly changing biopotentials V I Bell erich, E II Vende, I.A Vil'Vil'iams, Fizzel, thut 19 no 3 33 381 M) 163
- Organization of locomotive syncryy M. L. Shib. G. N. Orlowskii, F. V. Severin. Biofizika II no. 5,879-886 186.
- Possibility for using "electrobiological" test in determinmg poliution degree in reservoirs, B.A. Flerov. Trudy Inst, biol, "mutr, vod. no. 10 291-294 166.
- Quantitative characteristics of action potentials of the soma of the giant neurons in the mollusk Planorbis corneus during spontaneous rhythmic discharge, I S, Mahma Fiziel zhur [Uki ] 12 no 6 769-775 N-D 166.
- Rapid and slow changes in the potentials of afferent fibers of the dorsal root and spinal cord. T.M. Mamonets! Fiziol zhut. (Ukr. ) 12 no 6 728-137 N-D 166
- Representation of cutaneous and proprieceptive afferents in the transmitting nuclei of the medulla oblongata II H.Skybo, Fiziol zhur [Ukr.] 12 no 6 787-794 N-D
- Rest biupotentials of ultraviolet enviloma as indices of the intensity of its development. V.V. Diimov Vop. km , fizioter i lech.fiz.kml t. 31 no.6:562-563 66.
- Study of accompilation mechanism to linearly increasing current on mathematical model of Ranvica 's node membrane. M L. Bykhovskii and others. Biofizika II no.5,922-921 166
- Study of neuron pulsations using methods of the theory of probabilities and mathematical statistics. M.O. Kulylov Fiziol zhur [Ukr.] 12 no. 6,629-834 N-D '66

### ELECTROPHYSIOLOGY OF PLANTS

- Action potentials of higher plants not possessing motor activity. A. M. Sintukhin, V. V. Gorchakov. Biofizika II no 5.840-846 '66.
- Method of measuring the electric field created by developing steds I K. Cherno . Tick obs mat. so 167-69

### ELECTROPLATING

- Pifect of the electrode material on the amount of normal electrode potential PA Mamontov, Elek obrinat,
- no. 1 39-42 166. Soft antifriction multicompound alloy plating, Stand. i kach. 30 no. 11-83 N '66.
- Uniformity of distribution of plating thickness during non-steady-state conditions of electrolysis. A. I. Maski. N. P. Gmain. Zasheh met. 3 no.198-101 Ja-F '67.

### CLECTROPLATING-EQUIPMENT AND SUPPLIES

Mechanized bath for electroplating V.S. Kuznetsov, A.K. Kunchkovskii. Mashhostroitell no.1;23 Ja '67.

### ELECTROPLATING-TESTING

Problem of measuring the luster of metal electrodeposits O E Panchuk, R M Morgart. Zhur.prikl khim 34 no 6:1243-1248 Je '61,

### **ELECTRORETINOGRAPHY**

Study of receptive fields of cells, sources of S-potentials of turtle and frog retina A, L. Byzev. Biofizika Il no.5,861-870 '66.

# ELECTROSTATICS—SAFETY MEASURES

Introducing electrostatic method for preventing elec-trification of articles, I. IA Likhobabenko, R A. Bas-kakov Biul tekh. -ekon inform Gos. nauch -issl. inst nauch. i tekh. inform. 19 no 11 14-15 N '66.

### ELECTROTHERAPEUTICS

Correlation of the effectiveness of electroconvulsive therapy and the reactivity of the adrenat corter A. Timofeeva, [Trudy] GIDUV no. 4 272-277 162,

# ELECTROTHERA PEUTICS-EQUIPMENT AND SUPPLIES

New apparatus for impulse electrotherapy, V.G. [Asno-gorodskii, Vop. kur , fizioter, i lech, fiz kul't, 27 no. 6:557-559 N-D 162.

"Pocket" galvanization apparatus, V.V Tiet'iakov, P.A. Ondzula Ondruls Vop bur figuoter a lech fiz bullt 27 no h 255-556 N-D 162

#### ELEKTROSTAL' (MOSCOW PROVINCE)-MACHINERY INDUSTRY-MANAGEMENT

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#### ELEPHANTIASIS

Some clinical and laboratory data on the use of Soviet pyrogenic preparations in the treatment of clephantiasis P. M. Mcdvedev, K. N. Klimova E. I. Turchenko Sov med 29 no 11 55-60 N. 166

ELEPHANTS, FOSSIL see subdivision under Tiraspol' District

#### ELEUTHEROCOCCUS

Liffcet of eleuther ococcus on the leukemogenic action of indole A. N. Stukov. Vop. onl., 13 no. 1.94-95, 187

Industrialization of elevator installation procedures.

D Guievich, I Nikitin Stroi i arkhit Mosk 15 no 12 30-32 D 166

ELK, FOSSIL see subdivision under Moldavia

ELLIPTIC DIFFERENTIAL EQUATIONS see Differential equations, Elliptic

### ELPIDITE

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#### EMBANKMENTS

Stabilizing rail oad embant ments on sliding slopes. K.Sh Shadunts, V.B.Vesclovskii, T.A. Timpfeeva. Transpistroi 16 no 2.1-5  $\Gamma$   166 

### EMBLEMS, NATIONAL

Baskakov, D.G. [Biographies of emblems, flags, and anthems of foreign countries] Biografii gerbov, flagov, glimnov zarubezhnykh stran Moskva, Politizdat, 1967 158 p

#### EMBOLISM

- Collateral blood circulation in occlusion of the large blood vessels of the head Z, L Lurie, L, K Bragina 7hui nevr i psikh 62 no. 11 1612-1616 162.
- Reduction of blood pressure in the brain and its mor-phological manifestation I.V.Gannushkina. Zhur.nevr i psikh 62 no 111616-1620 162
- Some experimental data on the so-called amniotic fluid embolisms A P Golubev, E IA Lemberkhskaia, Sov med 29 no 10 38-43 O '66

### EMBRYOLOGY

Tokin, B.P. [General embryology] Obshchaia embriolo-gila, [Leningrad] Ltd-vo Leningi, univ., 1966. 454 p.

### EMBRYOLOGY-ECHINODERMATA

Changes in functional activity of neurobormones in Paracentrotus lividus embijos in course of a mitotic cycle. Q.A Burnikov, L. V Berdysheva. Doki. AN SSSR 167 no. 2 486-488 Mi 166.

### CMBRYOLOGY-FISHES

- Comparative characteristics of the resistance of fishes to phonols at early stages of ontogeny. V.M. Volodin, V.I. Luk'ianenko, B. A. Flerov. Tiudy Inst. biol vnutr. vod. no.10;300-310 '66.
- Effect of temperature on respiration and adenosine triphosphate level during blastulation of Ioach eggs A. J. Zottu, N. D. Ozerniuk Doki, AN SSSR 171 no. 4,1002-1004 D 166

### EMBRYOLOGY-MAMMALS

Radiosensitivity of nuclear cell apparatus in various or-gans of manimalian embryos. T D. Osetrova, IU IA. Kerkis, L. M. Morozova. Genetika no. 12:65-77 166

### EMBRYOLOGY, HUMAN

- Biological determination of intermedin in hypophysis and placenta in human embryogenesis. S. E. Levina, E. A. Ivanova, G. P. Sergeenkova. Doki. AN SSSR 172 no. 1; 246-248 Ja '67. Biological determination of cytocin in hypothalamohy-
- pophyseal system and placenta in hypothalamohy-pophyseal system and placenta in human embryology, S. L. Levina, E. A. Ivanova, Dovi, AN SSSR 171 no. 8; 1458-1461 D '68
- Development of afferent structures of human acrts in prenatal ontogeny. M.S. Gan'shina. Dokl. AN SSSR 172 no.1;242-245 Ja '67.

### EMERGENCY MEDICAL SERVICES

Rybasov, V.A. [Self-help and mutual aid in foct of mass lesions] Samopomoshch' i vzaimopomoshch' v ochagakh massovogo porazhenila. Moskva, Meditsina, 1864. 44 p, (DNLM)

EMOTIONALLY DISTURBED CHILDREN see Mentally

EMPLOYEE VACATIONS see Vacations, Employee

### EMPLOYEES. DISMISSAL OF

Legal protection of the factor s, plant, and local trade-union committees right to sanction the dismissal of workers N G bobets. Soy gos i pravo no.157-b2

Replies to builders' questions, R. Sharipov Nat. khoz. Kazakh, 24 no. 11 92-94 N 166

### EMPLOYEES, RATING OF

Rating is an important means of the study and education of public prosecutors and criminal investigators, B IAkovley. Sots zakon no.218-21 F 167,

# EMPLOYEES, TRAINING OF (see also subdivision under Siberia, Eastern)

Let us extend the special rights of workers who try to raise their qualifications. V.Soifer. Sov.iust 31 no.3;22  $\,\Gamma$  467

Plenums of party committees on personnel work. Part, which no 3:57-58 P '67

Workers' collective of an industrial plant—How should it be? V Novikova, Part, zhizhi no 3 13-48 F 197,

#### EMPYEMA

Treatment of acute empyema of the plemal cavity, V.S. Pomelov, N. M. Isaev Sov. med, 29 no 11:37-42 N '66,

Flow of aggregately stable gas -liquid emulsion in horizontal pipes at low pressures I. N. Gudnin, S. A. Abdur ashitov Izv. vys. ucheb zav., neft i gaz. 9 no 8, 63-68 '66.

Obtaining and using emulsions as a thickening agent V.N Nebarov and others Bill tekh -ekon, inform Gos nauch -issl inst nauch i tekh inform, 19 no ll 13-14 N '66,

Particular contures in the stabilization of bituminous and road tar emulsions (with summary in English). L. IA Krenney, L. A. Borodina, Koll Zhu. 23 no. 3-206-204 My-Je 60

Treatment of oils prior to refining (2nd acticle) V. IA. Masumian, A.A Nadzharova, M.K Damelian Shor. trud. Az NH NP no 3 5-17 158

### ENAMEL AND ENAMELING

Effect of high-speed steel pickling on the quality of cnamel conting. L. S. Savin, IU D. Barlinov, Tekh, 1 org. profess. no, 6:69-70 N-D 168.

Enameling metal articles in a fluidized bed E I Litvinova. Biul, tekh. -ekon inform, Gos nauch -issi inst, nauch, i tekh. Inform, 19 no 11 11-12 N '66

Ponomia chuk, IU, D, Bai Inov, N N, Tovarenko-klimenko, Tekh, i et g, pi cizv no, 6 81-84 N-D 166,

Study of the process of opacification of cnamels by means of X-ray analysis. N. M. Pavlushvin, L. S. Egotova, A. K. Zhuravlev. Izv. vys. ucheb. zav. khrm. i khim. tekh, 9 no. 5:807-809 '66.

Unit for mechanical enameling of barrels. D. F. Bachurin-Hyb prom. no  $53;63\cdot65$   $^{6}0.$ 

### ENAMEL AND ENAMELING-DEFECTS

Effect of pickling additions on "figh-scale" defect of enamel coatings L. S. Savin and others. Zashch met 3 no 1:116-118 Ja-F '67

Abscess of the nessi septum complicated by meningo-encephalitis, E.D. Lisitsyn. Zhur ush., nos. i gorl, hol, 19 no 6:75-76 N-D 159

Characteristics of the disorders of sensory synthesis in encephalitis of different etiology. T. K. Kashkarova, [frudy] GIDUV no. 4:49-67 '62,

Mental disorders in hemorrhagic encephalitis. A. S. Timofeeva. Trudy Gos. nauch. -issi, inst, psikh. 26;206-214 61,

Some grave forms of rheumatic encephalitis, L. IU. Popelianskii, Trudy Gos, nauch, -issi, inst, psikh, 26; 225-232 '61,

### ENCEPHALITIS-COMPLICATIONS AND SEQUELAE

Interrelations between the hypochendriae and depersonalization syndromes in psychoses developing after en-cephalitis. T. K. Kashkarova, [Trudy] GIDUV no. 4 68-86 '62.

ENCEPHALITIS, EPIDEMIC (see also subdivision under Kurgan Province; Siberia, Western; Tomsk)

Outcome in cases of the menigeal form of tick-borne en-cephalitis. V. F. Terentley. Trudy Gos, nauch. -issi, inst, psikb. 26:187-190 161.

Specificity of neuropsychopathological syndromes in tick-borne encephalitis and hemorrhagic nephrosone-phritis. I. B. Galant. Trudy Gos. nauch. -issi, inst, psikh. 26;201-205 ¹61.

ENCEPHALITIS, EPIDEMIC-PREVENTION sec subdivision under Tomsk

#### ENCEPHALOCELE

Meningoccie detected in staphylococcai pneumonia. Vest. rent. i i.ad. Il no 6 81-83 N-D 166.

### ENCYCLOPEDIAS AND DICTIONARIES

Bol'shaia sovetskaia entsiklopedila. [1986 yearbook of the Great Soviet Fartyclopedia] Erhegodnik 1966 Vyp 10 Red, koltegila, D.A. Vvodenski i dr. [Moskva] Sovetskaia entsiklopediia [1966] 627 p.

ENCYCLOPEDIAS AND DICTIONARIES, LITHUANIAN

[Lithuanian encyclopedia] Lietuviu encyklopedija. [Boston] Lietuviu Enciklopedijos Leidykla, [In Lithuanian] Vol. 35. Z – Zvirzdys. [c 1986] 494 p.

#### ENDOCRINE GLANDS

Data for studying regulation in endocrine systems. V. M. Dil'man. IU. V. Orfeev Fiziol zhur 52 no 12:1481-1485 D 66

Role of some endocrine glands in regulation of digestive system activity in luminants, K T Tashenov, R.M. Tlofumova ludy Instituted AN Kazakh SSR 10-28-36

#### ENDOCRING GLANDS-DISEASES

Case of Shere shevskii's endocrine syndrome, T.M. Shiriak Probl endok, i gorm 8 no. 6 86-87 N-D 162 Endorcine disorders in dystrophic myotonia, V. M. Prikhozhan, N. I. Kovalevskaša Sov med 10 no. 1 147-148 Ja 167.

Hasulev, I.N. [Pathomorphology of the endocrine glands in tuber culosis] Patomorfologiae endokrinnykh zhelez pri tuberkuleze Pod 1ed. R I.Danilovol Tashkent, Meditsina, 1986 105 p.

### ENDOCRINOLOGY

Activities of the Leningrad Society of Endact inelogists in the first half of 1962 (January-June) Probl. endok i gorm 8 no. 6 118-121 N-D 162

#### ENDOSCOPY

Endoscopic and X-ray parallels in dysentery D. M.
Gutarman Sov. med 29 no 11:10-114 N 166.
Evaluation of endoscopic diagnosis in oncogynecological
diseases. D V. Nikolaeva. Sov. med 30 no. 1128-131

Comparative characteristics of the effectiveness of treating patients with chronic colitis by two methods of colon lavage L. A. Pyrig Vop kur , fizioter, i lech, fiz kult 27 no 6 517-520 N-D '62,

Effect of intestinal lavages on the functional state of the central nervous system G.V Sukharev. Vop.kur., fizioter i lech, fiz kult. 27 no. 6 521-524 N-D 162.

Treatment of chronic colitis by subaqueous lavage of the intestine with Borzhomi mineral water combined with other health resert factors, M. P. Tvauri. Vop kur , fizioter i lech fiz kulit. 27 no. 6,517 N-D 162

### ENERGY-BAND THEORY OF SOLIDS

Interaction of elements of the periodic system. V.N. Gurin, A.P. Obukhov. Porosh met. 6 no 12:72-83 D 166.

Regularities of structure and filling of external onergy bands in metals and alloys at start of first transition period S. A. Nermonov, L. D. Finkel'shtein Firmet i metalloyed. 22 no 4;529-559 O '66.

Selection of basic functions in valence band theory of diamond-type crystals. V.G. Liapin, K.B. Tolpygo. Fiz.tver.tela 8 no.11:3156-3162 N *66.

Stability of electron configurations. I.R. Kozlova, V N. Gurin, A P. Obukhov. Porosh met. 0 no 12:68-71 D 166.

### ENERGY METABOLISM

Diffect of "lectas" on oxidative and energy metaboltam of heart and skeletal muscles in white rats, V. A Leonov and others, Dokt. AN BSSR 10 no. 11 804-898 N 166.

### ENGELS, FRIEDRICH, 1820-1895

Spring of a genius. N. Ivanov, Mol. Fomm. no. 10: 110-121 166.

ENGELS, FRIEDRICH, 1820-1895-BIBLIOGRAPHY see Bibliography—Engels, Friedrich, 1820-1895

### ENGINEERING-PERIODICALS

The Fifth International Conference of the Editors of Technical Periodicals, N. M. Kotliatenko, Stan, i instr. 37 no. 12:39-40 D 166.

### ENGINEERING GEOLOGY

Genetic division of basic moraine for purposes of engineering geology. M. M. Maksimov. Izv. vys. ucheb. zav., geol. i razv. 10 no.1:102-104 Ja '67.

ines of Kama

Inzhenernogeologicheskie uslovalia, 1966, 198 p.

Results of checking the accuracy of engineering geologi-cal prognoses during construction, N. V. Kolomenskii, Razved, i okh. nedr 26 no. 3:49-52 Mr 160.

Seismic prospecting in water areas for par poses of engineering geology. A. B. Kalinin and others. Trust spectral. 16 no.2(51-52 F  $^{1}66$ .

### ENGINEERING INSTRUMENTS

for finitements and apparatus with program collection for studying soils. I. I Bol'shedonov, P. N. Makaruk F. F. Vinokurov Osn., fund, i mekh, grun E no 4

ENGINEERING LABORATORIES see subdivision under Brest; Leningrad Province

ENGINEERING LABORATORIES-DESIGN AND CON-STRUCTION see subdivision under Donetsk

### ENGINEERING RESEARCH

The 18th scientific technical conference on the theor a ship. L. F Kozlov Prikl mekh. 2 no.12/139-134 4 g

### ENGINES-MAINTENANCE AND REPAIR

Engine repair on the conveyor. V. Mochalov Gra. ht a. 19 no 2:19  $\Gamma^{-1}62$ .

#### ENGINES-TESTING

Induction brake for hot running-in of engines, M.Dra, ..., Tekh, v sel'khoz. 26 no 12,31-36 D 106.

### ENGLAND see Great Britain

ENGLISH LANGUAGE-ACCENTS AND ACCURTUATION Accent in certain categories of polysyllable worth of the contemporary English language. O. B. Shishi ci Nauch, dokl vys shkoly, filol, naukl 5 no 1:70-77 1/2,

ENGLESH LANGUAGE—ARTICLE Expression of relation to a class of homogeneous chic. in by the nouns of modern English, G. M. Ruskish, Vop. laz 15 no 6 76-80 N-D 166,

Problem of a ticles as a grammatical category in Fr gHz  $^{\circ}$  D. H. Radchenko. Inoz. filol. no. 6:12 -13  $^{+}$  50  $^{\circ}$ 

ENGLISH LANGUAGE—CHRESTOMATHIES AND READERS see subdivision under United States

### ENGLISH LANGUAGE—DICTIONARIES—LATVIAN

[English-Latvian dictionary. About 42, 000 words] Argly Latviosu vardnica; 2. izdevums, izlatota un paratra-dats. Ap 42 000 vardu. Riga, Liesma, 1966, 1016 p.

#### ENGLISH LANGUAGE-GRAMMAR, COMPARATIVE GERMAN

Usage of tense forms in complex subprelinate scalences with object clauses in the modern English and Games languages. V. S. Bogoutdinov. Uch. zap. MGP no. P1. 153-178 160.

### ENGLISH LANGUAGE—HOMONYMS

Morphological homonymy as a structural peculiarity of the English language. I. B. Khlebnikova. Nurth dokl. vys shkoly, filol. nauki 5 no. 1:76-66 914.

### ENGLISH LANGUAGE-PRONUNCIATION

Was the English and Friesian palatelization of the etc. 1
"a" a spontaneous change? IA B. Kunpaikin, Thurb,
dokl.vys, shkoly, filol. nauki 5 no. 1-107-200 (6).

### ENGLISH LANGUAGE-STYLE

Meaning and usage of the past continuous in the 11 gilst. language. V. L. Filatov. Uch, zap. M3PI no. 152011 42

The past perfect as an element of style in the language of English literature. N. F. Irten'eva. Uch. 24p. PG11 no, 152:6-23 '60,

Usage of the past continuous as a means of style in modern English, V. N. Chernysheva, Uch, 2ap, Mol I no. 152:64-83 '60.

Usage of the simple past tense in compound genteries in the language of English literature, Ct. I., Teliannikes, Uch. zap. MGPI no. 152:93-114 '60,

### ENGLISH LANGUAGE—SYNTAX

Incomplete and monomial structures of interrogative responses in English dialogue speech, G.V.Berkish, Inc. filol. no.6:57-64 166.

Structural "there" in English. N. M. Sazonova. Inc., filol. no. 6:44-50 [66.

The word substitute "one" in modern English. V.h. hel'-nikov. Inoz.filol. no.6:36-43 [66.

### ENGLISH LANGUAGE-TENSE

Expression of tense relations using combinations of modal verbs with an infinitive in the Tagillah larguige, Z. K. Dolgopolova. Uch, zap. MGPI no. 152:144-141 "9 Meaning and usage of the past continuous in the largitation

The past perfect as an element of style in the language of English literature. N. F. Irien'eva. Uch. 201. MOFI

no. 152:6-23 '60. The past perfect in the English language from the Phi to the 17th century. L.D. Kriuchkova, Uch. zap. Miff no. 152;24-63 '66.

System of past tenses in the English language of the 11st century, R.S. Panchenko, Uch, zap, MOPI no. 132 115-133 '60.

### ENGLISH LANGUAGE-TENSE (Continued)

Usingo of the past continuous as a means of style in modern Fuglish, V.N. Chernytheva, Uch. ap, MGPI no. 152;61-83 60.

tengr of the simple past tensr in compound sentences in the language of Fingli h literature. G. F. Tchannikova, Uth. zap. MGPI no 152-93-111 [60].

### ENGLISH LANGUAGE-VERB

A-jectual centent of the verbal forms of the indicative in English: A.K.Korsakov Inor filel no.6,51-56 '66

The weigh 'to get" in contest. H.O Poki ovs 'ka. Inoz filol. no 6 19-27 '66.

#### ENGLISH NEWSPAPERS

"The Times", Englands oldest national newspaper (conclusion). G S Sergeev Vent, Mosk on Ser II: Zhur 21 no, 5 70-64 N D 456

#### ENGRAVING

I rom the history of the art of engraving under the reign of Peter 1, a field engraving workshop, 1703-1704 Makerov Knige, insteament 1,260-274 (6)

### F.NSILAGL, see Siluge

#### ENTHALPY

Pathalpy and the heat capacity of riveonium dioxide in 1800 - 2500 K temperature range, V.A. Kirillin and others. Teplofiz vys.temp 1 no.6878-879 N-D

### ENTIN, RUVIM IOSITOVICH, 1916-

Professor R.I. Untin is 50 years old Fiz mot.; metalloyed. 22 no.6:938 O '66.

ENTIRE FUNCTIONS see Functions, Entire

### ENTOMOLOGICAL RESEARCH

Golyshin, N.I. [Technological basis of ecological re-scaled in entomology; measurement and regulation of physical factors of environment] Technicheskee osna-shebenie ekulogicheskikh issledovanii v entomologii, iz-merenie i regulirovanie (Izlebaskikh faktoro wredy. [Leningrad] Izd-vo Leningrumiv., 1900. 234 p

### ENTOMOLOGY

Bel-Bienko, G.IA. [General entomology] Obshchala ento-mologila. Moskva, Vysshala shkola, 1966. 495 p.

### ENTROPY

Charge asymmetry and entropy of hot universe. IA. B. ZePdovich, I. D. Novikov. Pis', v ted, Zhur, eksper, i truet fiz. 4 no. 3,117-120 Ag *166.

Intropy of molecules as an additive value of bond entropy, M. P. Mullava, V. U. Shevenak Dokl. AN SSSR 171 no. 6:1360-1372 D 466.

An Important characteristic of the spinodale, V.P., Skipov. Teplofiz.vys, temp. 4 no. 6-816-820 N-D 46.

Principle of minimal rate of eatropy increase in stationary regimen. IU. P. Petrov. Biofizika II m.5:926-928 *66.

### ENVIRONMENTAL ENGINEERING

Perfect organization and landscape gardening in the at cast and shops of caterprises. I. Ogenesian, V Man-4, real ov. Prem Arm. 9 no. 11:60-61 '60.

Autiforments as antibodies, 1 V. Domaradskii, Uspsowr, blot. 52 no. 1/10-52 Jl-Ag ¹6f.

Lifect of "Icofae" on oxidative and energy metabolism of heart and skeletal muscles in white rats. V A. La nova and others. Dokt. AN BSSR 10 no.11/894-895 N *80.

l'ffect of some factors en enzymatic activity of Varicor-ituus in Lake Sevan. G.T. Adams, L. V. Sarkisian. Hiel zhut. Arm. 19 no. 10 72-77 O 106.

l'ifact of surface-active substances on enzymatic activity of trypsin, acetyltrypsin and succinyltrypsin, V. V. Mosolov, F. V. Lushnikova, Dokl. AN S9SR 167 no. 2. 454-456 Mr 166.

Models of biological catalysts, L. A. Nikolaev, Priroda no. 1:17-56 Jn 167.

Problems in the simulation of the characteristics of a biological catalysis. V.A. Afanns'ev and others. 12v. AN Kir, SSR no. 2:10-46 S-O '66.

tise of the mycollium as incedum in submerged cultiva-ity of mold fungl for the accumulation of pectolytic anzymes. L. A. khersonova, A. L. Malchenko. Form, 1 spirt, prom. 33 no. 1:10-12 '67.

### ENZYMES, EFFECT OF RADIATION ON

Kinetics of the formation and output of free radicals in gomma radiation of some enzymes. T. E. Berezhinskals, G. R. Ril. Vost, sel'khoz, nauki 11 no. 11:104-106 '66,

### EOSINOPHILIC GRANULOMA

A-ray diagnosts of cosmophilic cranisi granuloms, I.S. IAkovlev. Vest. rent. i rad. 11 no. 8:35-37 N-D '66.

# EPHEDRA see subdivision under Georgia

EPIC POETRY-HISTORY AND CRITICISM

Reviewing the discussion of E. M. Moletinskii's book "Origin of epla poetry; its early forms and archale menuments." Sov. etn. no. 6;43-46 N-D '66.

### EPIC POETRY, OSSETIC

In connection with V. Korzun's letter. M. Bogdanova, Vop. lit, 5 no 5 209-211 S *61

i scholarly publication on the Nazt coos is needed V, Koi zun Vop lit 5 no 9 207-209 S '61

### EPICURUS

Basic concepts of ethics in the works of fructure and Fricting  $Z/\Lambda$  pokrovskaia. Vest drev 1st. no 1 Fpiculus 2 157-166 '66.

EPIDEMIC ENCEPHALITIS see Encephalitis, Epidemic

#### EPIDEMIOLOGY

Attropidence and prophylactic measures in the U.S.S.R. during 50 years 1.1. Rogorin, Z. I. Dubnitskata, Zhun mikrobiol, epid i immun, 41 no.16-11 Ja 167

Poldemiology of zoonotic cutaneous leishmaniasis Report No 2. Distribution of zoonotic leishmanuaris convalencents and patients on the tarritory of populated places. V.N. Barkov, G.C. Gozodova, K.S. Fonareva Med paraz i paraz bol. 35 no 6:676-679 N.D. 166

Some materials on the epidemiology of adenovirus discases, A. P. Hentskii, Zhur mikrobiol , epid r mmun. 41 no.1122-126 Ja *67

#### EPIDEMIOLOGY-CLASSIFICATION

Results of systematization of categories and laws of optientology, Report No 2 Categories of continuous A A Chasowitkov, Alur mikrobiol, epid, a trumun 14 no.1-74-78 Ja '67

#### FOILCBWODHALON

Treatment of epidermophytosis in semmers without discontinuing their training in a semming pool A Vanishtein, Teor i prak fiz.kullt, 29 no. 12 54

### EPIGLOTTIS-TUMORS

Cyst of the epiglottie, A.I. ISyganov, Zhuv.ush., nos. i gorl.bol, 19 no 6 73-74 N-D 159

#### EPOXY COMPOUNDS

Cold-cuted epoxy-actylate compositions. G L. IUkhnovskir, V. M. Kuznetsova. Plast, massy no. 1 11-13 167.

New method of determining hydroxyl groups in epoxy compounds, G A Levkovich, T, V, Kuvichinskaia Lakokias mat i ikh prim no 6 54-56 186.

Repairing damage to reinforced concrete products. Stroi. i arkhit.Uzb. 7 no 12;20 D 466.

#### EPOXY RESINS

Binders for fiber glass based on epo viceins. L L Golubenkova and others. Plast, massy no 146-48 '67,

Epoxy print corression protection of cable pipelines. V I Safronchik. Faerg stroi, no. 7 67-70 166.

### EQUATION OF STATE

EQUATION OF STATE

Equation of state of solid helium at high pressures. V. F.

Trubitsyn Fiz. tver tela 8 no. 11:3241-3217 N '66

Mechanical equation of state. V. A. Likhachav. V. I.

Vladimir ov Fiz. met ! metalloved 22 no. 4,514-519 Vlacimiı oy 0 '86.

Short review of seismic wave absorption theories, Part I. S. IA. Kogan. Izv. AN SSSR, Fiz zem no II 3-16 66 Short review of seismic wave absorption theories. Part 2. S. IA. Kogan. Izv AN SSSR, Fiz zem. no. II 17-28 166.

### EQUATIONS

Using the method of expansion in eigenfunctions of the dominant term of an equation in eigenfunctions of the dominant term of an equation in solving mixed problems for a second-order equation in the (O.03) interval D. G. Salmanova Izv AN Azerb SSR Ser, fiz -mat. 1 tekh nsuk no. 5 29-38 102.

ERGOSTEROL Significance of endogenous and evogenous carbohydrates in er gosterol blosynthesis by yeast. T.S. Liapunova Mikrobiologiia 35 no.6:960-766 N-D '66.

ERIVAN-COMPRESSORS-TECHNOLOGICAL INNOVA-

A good deed has a strong support, S. Markarian, Prom. Arm, 9 no. 11:11-13 166.

## erivan—mosquitoes

Detection of Culex pipions molestus Forskal in Erivan. A. G. Avetisian. Med. paraz. i paraz.bol. 35 no.6; A. G. Avettelan. M. 731-732 N-D '66.

### ERIVAN—SPARKLING WINES

Cost of the "Soviet Champagne." L. Karapetian, Prom. Arm. 9 no.11:27-29 '66,

### ERMINE MOTHS

(see also subdivision under Kharkov Province; Kharkov region)

Recent developments in the biology of erroine moth (Hyponomeuta padellus L.). IU.V.Khizhniak. Trudy KISKII 55:134-140 *66.

### EROSION

(see also subdivision under Caucasus; Dukhovnitskoye District)

Dynamics of nitrates in connection with relief and the degree of soil erosion. Pochvovedenie no. 4-74-80 Λp 160.

Effect of most on the structure and resistance to crosion of soll depending on its moisture, 11 14 Motuzov. Pochroredenic no 3 53-58 Mr 160

Exosion of the opper part of a section of the Pashiya series in the Almahayevo area | P Choporos, R V Polikarpova | Nauch -tekh shor | polihb hefti no 8 9-12 | 60

Extent or soil crosion depending on the method of soil tiflage. V. I. Trushin. Pochvovedenie no 4 107-113 Ap 160

Form coefficients in calculating local crosion of bridge Supports on columnar foundations. IU \ Kovalenko Transp strom 16 no. 4 39-40 Ap 466

Regulating the meiting of snow on er oled the f-Pedzolic soils of V Zhylro, it I.Kazaron Vestsi Mt BSSR See selfhasp nav no 1:17-20 565.

Water stability of the structure of various soil types in connection with agrotechnical materials A. P. Schwanov. Pochvoledenie no 3 65-7; Mr. 160

### ERROR-CORRECTING CODES (INFORMATION THEORY)

Frroi-correcting arithmetic codes in a system of residual classes, S B I am Trud, V,ch tsemia AN Giu SSR 7 2 60-41 465

### ERRORS, THEORY OF

Pustovalov, G. E., and E. V. Talalaeva. [Simple physical measurements and their adjustement] Prostetshie fizicheskie izmerentia i the obrabotka. [Moskva] Izd-vo Mosk, univ., 1967, 154 p.

Zaidel', A.N. [Elementary estimates of measurement errors] Elementarnye otsenid oshibok izmerenii. Izd. 2 , ispr. i dop. Leningrad, Nauka, 1967. 87 p

ERYSIPELOTHRIX see subdivision under Tselinograd Province

### ERYTHREMIA

The trophoresis of blood proteins in crythremia following treatment of tradicacive phospherus N, V. Nikolacva, B, P. Shvedskin, N. D. Politish — Probl. gemat 1 procl. Proc. 12 no. 132-14 Ja. 46.

Fatimating the amount of fibi mogen in the blood of crythnemia patients by the crythnemic index. 32.5 Machabell Soob AN Gray SSR 26 no 6.755-761 Jc. 161.

#### ERVTHROCYTES

Compasison of adenosine triphosphatase activity of erythrucytes, their stroms and blood plasma with changes in osmotic resistance of crythrocytes in ratio trained to bypoxia 2 I Barbashora, G I Grigorieva Fisiolizhur 52 no il 1316-1352 N 166

Dissociation and reassociation of human crythrocyte catalase V. L Shpitsberg Biofizika 11 no 5,766-772

Hereditary nature of interstrain differences in producing hemolysins against crythrocytes of rats in CB1 and CC57BR mice, O, V Rokhim, R P. Khromacheva Genetika no. 12 59-55 166

Presence of fibrin-stabilizing factor in erythrocytes V. P. Haluda, Zh Ruka-enkova, S. S. Khnychev Bu eksp biol 1 med 63 no 1,13-15 Ja '67

ERIZIA, S., pseud. see Nofedov, Stepan Dmilitevich, 1876-1959

### ESCHERICHIA COLI

ESCHERICHA COLI
Circulation of pathogenic Escherichia cell of the serological type 012+1317 among adults. V S. Perepelkin and
others. Zhur mikrobiol., epid 1 immun. 14 no. 1150151 Ja 167.
Collesinogenicity of enteropathogenic and common Lischer
richia coli isolated in children with collected itis. S E.
Tilichia in, V A karrva, O A Ignaticava. Zhur, mikrobiol., cpid, I immun. 44 no. 1152 Ja 167.

onn., cpnd, i immun. 44 no 162 5a 50 Effect of ribonucleic acid from bovine adenohypophyses on adrenocot ticotropic factor synthesis in acellular sys-tem from Escherichis coli B. I. N. Todorov, L. N. Blok, V. N. Vasil'chenko, Dokl, AN SSSR 167 no. 2:461-463

Mr '486
Experimental infection of laboratory animals by enteropathogenic Escherichia coli Ol24-k72 (1117). Report
No. 1. Study of the infectious process in white mice
following intransal infection IU. E. Polotskii, V.A.
Albuzova, Zhur, miki obiol., epid I immun 44 no.1
81-65 Ja '67.
berological characteristics of enteropathogenic Escheilchia coli of the group 024 K84 (t.pe 145). A K
Baltrashevich, O. P. Mazitova, N. M. Lundsman. Zhur,
mikrobiol., epid. i immun. 44 no.1 182-153 Ja '67.
Zygote induction in crosses of typing and nontyping strains
of Escherichia coli. A. P. Pekhov, G. N. Polukhna,
Zhur, mikrobiol., epid. i immun. 44 no. 1-31-35 Ja '67.

# ESCHERICHIA COLI-CULTURES AND CULTURE MEDIA

Effect of 5-bromomacil on genetic recombination of Escherichia coli in relation to the amount of thymine i replaces in DNA of donor cells. V. P. Shchipkov, I I. Samollenko. Genetika no. 12 99-105 '66.

Metabolism in Escherichia coli and Staphylococcus aureus variants in Escretical con and Supplyaceces agree variants produced under different conditions of cultiva-tion IU.V.Kullash Mikrobiologika 35 no.6:994-997

### ESCHERICHIA COLI-PHYSIOLOGICAL EFFECT

Metabolic fund of free nucleotides of the bacterial cell. M.F.Khanina. Biul.eksp.biol.i med. 63 no.1:56-60 Ja 67.

### ESENIN, SERGEI ALEKSANDROVICH, 1895-1925

I scain beland the counter | N Petrova | Knizh, torg 17 no 11 10-11 | N | 66

#### ESOPHAGUS

Methodolog, and diagnostic significance of manometry and kymography of the esophagus  $\Gamma$ , N, Vantsian, A, L, Grebenev, V, I Chissov, Grud. Fini 9 no 196-102

#### ESOPHAGUS—DISEASES

X-ray diagnosis of esoplagitis. G I. Rolenfelld. Zhui ush , nos i gorl, bol 19 no 6 53-56 N-D 150

#### ESOPHAGUS-SURGERY

Å case of antethoracic esophagoplasty using the stomach N M Sherehenko – Khirurgua 38 no 11 123-124 N 062

Formation of capsules and regenerative processes in the alloplasty of segments of the csophagus VP Kulik Khirurgus 38 no 1181-87 N '62

Study of the nunction of artificial retrosternal esophagus made from the large intestine using roentgenocinematog-raphy. I Kh Rabkin, A, F, Khasileva Grud khir 9 no.1;102 -105 Ja -F '67

Total intestinal esophagoplasty in cicatricial stenosis of the esophagus and pharynx B A Petrov, A P. Sytnik Khirurgua 38 no 11 14-19 N 162.

#### ESSENCES AND ESSENTIAL OILS

Study of resistance of some vegetable fats used in deep-fat frying IA D Kadaner, V F Usenko Vopinit, 25 no 6 51-51 N-D '66

I M Pertsev, H no. 2 35-40 '62.

### ESSENCES AND ESSENTIAL OILS-CONGRESSES

4th International Congress on Essential Oils. P.V. Naumenko Masl. -zhir prom 32 no 10 43 O 166

Possibility of using technical diasoles for histochemical detection of nonspecific esternses G M. Nikolacy, G. I. Markov Arkh pat 28 no. 12 71-72 166.

#### ESTERIFICATION

Catalytic esterification of benzoic acid with dibutyl ether. N 5 Kozlov, A G Klein. Uch, zap. Perm ped inst 32 72-76 165

Catalytic esterification of naphthenic acids by dimethyl ether. N. S. Kozlov, V. Sh. Pasternak, L. M. Starkova Uch, zap. Perm. ped inst. 32 69-71 165

Fatty acid sugars and their use in phatmaceutical practice F.A Zhohlo, V.P Husiakov, Farmatucv zhur, 18 no.3:22-27 '63

Interaction of asymmetrically disubstitute hydrazines with derivatives of  $\alpha$ ,  $\beta$ -unsaturated acids. Report-No 4: Reaction of N, N-dimeth, lhydrazine with  $\alpha$ ,  $\beta$ -unsaturated acid esters N, P, Zapevalova, L, A, C, Slannilova, T, A, Sokolova, Izv, AN SSSR, Ser, khim, no. 12 2200-2204 '66.

Reaction of estars with phenol. R. M. Kulikova, G I. Zhelezmak Trudy TGU 185 132-136 *85

Synthesis of polyesters and polyesteramides having space-network molecular structure K. A. Andrianov, N. I TSomala, L. M. Khananashvili Izv AN SSSR Ser khum. no, 1·158-161 Ja 167

### ESTONIA-ACTIVITY PROGRAMS IN EDUCATION

Let's promote the independent work of senior students. T. Pihelo. Mol komm. no 8 107 Je 161.

## ESTONIA-AGRICULTURE

[Leadership] experiences of leading state and collective farms in promoting production in the Estonian S. S. R. ] Juhtimise kackirjast, Eesti NSV eesrindlike sowhooside ja kolihooside kogemusi tootmistegevuse organiseerimi-sel. Tallinn, Valgus, 1986, 117 p. [In Estonian] (NNAL) (DNAL)

### ESTONIA-APPLE

Pilvistu, Karl. [Experience in apple growing on the Scotaga State Farm] Ounakasvatuse kogemusi Sootaga sovhoosis. Tallinn, Valgus, 1966. 34 p. [In Estonian] (DNAL)

### ESTONIA-AUDITING AND INSPECTION

[The people control] Kontroliu uet narod. Tallinn, Eesti Raamat, 1966. 191 p.

## ESTONIA—BAKING

Use of dairy products in the production of baked goods.
I. A. Genzurova, P. Saar. Khieb, i kond, prom. 11
no. 1:37-39 Ja '67.

# ESTONIA—COMMUNET PARTY OF THE SOVIET UNION—PARTY WORK

[Real enthusiasts; work experience of public service organizations] Toelised entusiastid; uhiskondlikel alustel tegulsevate organite tookogomustest. Tallinn, Eesti Raamat, 1965–133 p. [In Estonian]

We must use all possible means V. Valjas Agitator 31 no 4 5-6 F '67.

### ESTONIA-DESCRIPTION AND TRAVEL

Saar, Asmu. [From Tallinn to Klooga] Tallinnast Kloogale, Tallinn, Eesti Raamat, 1966, 118 p. [In Estonian]

#### ESTONIA-ELECTION LAW

ESTONIA—CLECTION LAW

Estonian S.S.R. Laws, statutes, etc. [Statute on elections to the Supreme Soviet of the Estonian S.S.R. Adopted by decree of the Presidum of the Supreme Soviet of the Estonian S.S.R., December 19, 1950. With amendments and supplements introduced by decrees of the Presidum of the Supreme Soviet of the Estonian S.S.R., December 27, 1938, January 13, 1959, January 19, 1963 and November 26, 1966] Polozhenie o vyborakh v Verkhovnyi Sovet Estonskoi SSR. Teksl, utverzhidennyi Ukazom Preziduma Verkhovnogo Soveta Fstonskoi SSR of 19 dekabria 1950 g., s izmenchitami i dopolnenitami, vnesennymi Ukazami Prezidiuma Verkhovnogo Soveta Estonskoi SSR of 27 dekabria 1956 g., 13 tanvaria 1959 g., 19 ianvaria 1958 g. i 26 notabria 1966 g. Tallinn, Eesti Raamat, 1956. 30 p.

#### STONIA-ELECTIONS

We must use all possible means, V. Valjas, Agitator 31 no 4.5-6 F 167

### ESTONIA-ETHNOLOGICAL RESEARCH

A conference at the Uthnographical Museum of the Estonian S S, R. L. Kh. Peoktistova Sov. etn. no. 6:113-115 N-D '56.

### ESTONIA-FINANCE

Meisa, Herbert. [How to use capital assets more effi-ciently in industrial entorprises] Kuidas paremini kasu-tada toostusettevelte pohifonde. Tallinn, Eesti Raumat, 1966 40 p (Majandusteadlase vestlust) [In Esionian]

### ESTONIA—FOREIGN RELATIONS

Arumde, Heino. [Behind the scenes of the "Baltic Alliance", from the history of the foreign policy of bun geois Estendia in 1920-1925] Za kulisami "Baltiskogo soluza", iz istorit vneshnoi politiki bun rhuavnof Estonii v 1920-1925 gg. Tallinn, Eesti Raamat, 1966 238 n

# ESTONIA-HEALTH RESORTS. WATERING PLACES,

Development of health resort organization and health resort therapy in Estonia R. Veinpalus L. Veinpalus Vop.kurs tiziotar: Hechsi fiz. kul⁴. 31 no.6-550-560 '66.

### ESTONIA-INDUSTRIES, LOCATION OF

Eesti NSV Teaduste Akadeemia, Majanduse Instituut.
[Concent atton and distribution of production in some branches of the Industry of the Estonian S.S.R.]
Tootmise kontsentree imine ja paigutamine monedes Eesti NSV toostusharudes. Tallinn, Festi Raamat, 1967. 179 p.

### ESTONIA-LAND

Transfer metter of farm lands in Estenia A. Pavlenko-Ekon-sel'khoz 42 no 1:94-98 *67

### ESTONIA-NORTHERN WAR, 1700-1721

Pallt, Heldur. [Between the two battles of Narva; Estonia in the first years of the Northern War, 1701-1704] Mezhdu dyumia bolami za Narvu; Estonila v per vye gody Severnol vojny 1701-1704. Tallinn, Akad, nauk Estonskoi SSR. 1966. 342 p.

### ESTONIA—OIL SHALES

Practice of using combined profiling for the manifesta-tion of a deep karst in an Estonian oil shale deposit, O, M Kabanov, Razved, i okh, nedi 26 no. 3:55-57 Mi ¹⁶⁰.

### ESTONIA-PEAT

Pajupuu, Herbert. [Efficiency of the production and use of peat fertilizers in the Estonian S.S.R.] Turvasynetiste tootmise ja kasutamise majanduslikust efektiivsusest Eesti NSV-s. Taliinn, Valgus, 1966. 98 p. [In Estonian] (DNAL)

# ESTONIA-POWER ENGINEERING

Toomaspoeg, J. (What does the rapid growth of power en-glacering give our republic?) Mida annab Valarrigile energeetika kili e kasv Tallinn, Valgus, 1966. 21 p. (NLKP XXIII kongress otsustas) [In Estonian]

## ESTONIA---PROHIBITED BOOKS

Booklets on V I. Lenin suppleased in hourgrois Estonia. A. T. Matsulevich. Sov. arkh. no. 5:100-101 186.

## ESTONIA-PUBLIC HEALTH

Kask, Mihkel, and Andrei Sarap. [Achievements in public health in the Estonian S.S.R.] Tervisholu saavutusi Eesti NSV-s, Tallinn, Eesti Raamat, 1986, 65 p. [In Estonian]
(DNLM)

### ESTONIA—RESTAURANTS, LUNCHROOMS, EIC .-EMPLOYEES

Siliand, Hillar, comp. [Sanitary requirements for employees of public dining establishments] Sanitary minimum uhiskondiiku toitlustamise ettevottes. Tallinn, Valgus, 1966. 138 p. [In Estonian]

### ESTONIA-VOCATIONAL LDUCATION

Estonian S. R. Korgena ja Kesk-i tiharidase Kondice.

[Manual for technical schools and other secondary
vocational schools of the Pstonian S.S. R. ] I call Key
telmikumid ja manud kesk-er ioppeasutused, leatmik
Tallinn, 1965 69 p. [In Pstonian]

#### ESTRADIENEDIONE

Total synthesis of did 1, 9 (40) - 3, 17 - 1 stradicacili m = 42, 1 Fedurova, G S Grimenko, V. I Makelmov Dokt 32, SSSR 171 no 1 880 - 882 D 460.

Study of the estrogens in the urface of patients with presemble psychology. T. N. Nedharlova. Zhou may 4 psikh. 62 no.11 1707-1701-162

### ESTROGEN-PHYSIOLOGICAL EFFECT

Cellular composition of 's anterior lebe of the  $|a_{ij}|_{i=1}$ , sis in relation to reduced and increased content of estrogens in the body. V. I. Romanov. Hullor up to 1 med. 63 no.1:75-77. Ja. 67.

Calculation of ethane molecule in two-centri approximation. V. P. Bulychev. Teorot, i cksper khim. 2 40  $^\circ$ ; 599-603 S-O  $^\circ$ 66.

Separation of ethane-ethylene mixtures into ethane and ethylene by the continous adapt ption in that \$6 A, Grigorian, E,E, Aliev, \$1 M Kaliev, Shor, and \$7 NII NP no. 3:357-378 [158]

#### ETHANE-MOLECULAR ROTATION

Difference of energies of rotational isomers of L. L.  $_{\rm tr}$  iffluor octhane. L. V. Mukhtar ov. | Dokl. AN Azerb. + |c 22 | no. 9.18-19  $^{-1}66$ 

#### ETHANETHIOL.

Protective action of phenatine and mercamine on the development of the scleral population through the action of the specific action of the school of the

### ETHANONA PHTHA LENE

Preparation and properties of 1, 1-andocthylench is applitulence halogenated at different degrees. N 1: Emellianov and others. Dokt, AN BSSR 10 (c) 11: 869-872 N 466.

Pr-conjugation energy in atomatic others andheatt of formation of complexes with aluminum brought of P Romm and others — Dokl, AN SSSR 172 no 1911 to b

Pokonova, IU. V. [Haloid ethers; production methods, properties, and use] Galoideffry, spouchy polarization, swoistra, primenente. Pod red. A. A. Petrova, Moskow, Khimita, 1966, 330 p.

Polymers with a conjugation system - Report Re %. Polymerization of phenoxyacetylene and properties of polymers based on it. A.A. Berlin, M. I. Cherkerldt, L.P. Chernysheva, 17v. AN SSSR, Ser. khim. no it? 3.

Reaction of ethers with phenol R.M Kullkevs, (1.1 Zhelezniak Trudy TGU 185 137-140 165

### ETHERS-THERA PEUTIC USE

Treatment of corvix uteri crossion of trichomental et al., a with Shostakovskille balsom A.P. Kolesov, has been 20 no. 18-123-125 N 186.

# ETHIOPIA—ECONOMIC CONDITIONS

An ancient land of young Africa, M. Kenglav, 1607 and 25 no. 10 25-26 Ma 167.

# ETHIOPIA-FOREIGN POPULATION

Encounters in Ethiopia, G.Gallperin, Az. I Mi. seg. 13 no. 136-38 Ja 167.

# ETHNOCENTRISM see subdivision under Airica

# ETHNOLOGICAL RESEARCH (see also subdivision under Estonia)

Chiectives and methods of the ethnographical shift of the culture and way of life of the population of fluorist cities, the urban population of the central part of the R.S.F. S.R. L. A. Anokhina, M. N. Shimeleva, here thought of the central part of the central part

### ETHNOLOGY

(see also subdivision under Azerbaijan; Europe; South America)

of Sciences of the Institute of Ethnography of Re Aca tray of Sciences of the U. S. S. R. during 1960. V. A. Ateka-sandrov. Sov. otn. no. 21110-115 Mr-Ap 161.

Ethnographic topics at the 25th International Congress SF Orientalists. Sov. etc. no. 2.117-110 Mr-Ap 45t.

The expeditions on history and social conditions or gravity 1 by the State Museum of History in the year 1859. F., etn. no. 2:131-136 Mr-Ap *61.

#### ETHNOLOGY-BIBLIOGRAPHY are Bibliography-Ellmology

### LTHNOLOGY-PERIODICALS

ETHOLOGY—PERIODICALS

A meeting of the editorial laff of "Demos," an international periodical of the reviews of ethnographical studies. J. N. Terenteva, T. D. I thinonova. Sov. ethno. 6 H5-H7, N-D. 56.

### ETHYL ALCOHOL

Rate constants and much infem of reactions of oxygen atoma with ethyl alcohol and proponaldehyde – L. 1 Avramenko, R. V. Kolesnikova, G. 1. Savinova, – 12 v. AN SSSR Ser klum, no 122-26 La ¹67,

### ETHYL CTHER

Production of cibyl others of water-soluble acids  $\{C_1,C_4\}$  alkylated by dictipl sulf it in a water medium. B,K, Zennilos, f & Puncewa Masi -zhir, prom. 33 no 1 40-41 Ja  167 

### ETHYL CTHER-DENSITY

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### ETHYLONE.

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### ETHYLENE OXIDE

#### ETHYLENE POLYMERS

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I letti on paramagnetic resonance spectrum of radicals tarrying on telephone renomined spectrum of ladicals tarrying on telephone cethylene polymerization challed, S. Buberkin, V. G. Pechnikov, J. V. Volkova. Kin-l hat / no 6:1081-1085 N-1) 466

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# PHINIUTTAL

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EULAMELLIBRANCHIATA, FOSSIL see subdivision under

EUROPE-COAL MINES AND MINING-EXPLOSIVES A survey of the assertment of safety explosives in main cont-mining countries. 1. V. Dubnov, N. S. Bakharevich Vztyv, delo no. 60/17.119-121 [66].

### LUROPE-ETHNOLOGY

[Culture and life of the peoples of foreign European counties; cilinoga aphical studies] Kul'tura i byt narodov zarubezhnoi Evropy, cinograficheskie issledovanija Moskva, Nauka, 1967. 254 p.

## EUROPE-FOREIGN RELATIONS

The United States, England, and Europe, 1, Lemin. Mezhdunar, zhizu! 14 no. 2:14-52 !67.

### EUROPE-PEACE

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# EUROPE, EASTERN—FOREIGN ECONOMIC RELATIONS—UNDERDEVELOPED AREAS

Somin, N.S. [The Comecon countries and the developing countries of Asia and Africa] Strany SEV i razvivalushchiesin strany Azii i Afriki, Moskva, Znanie, 1967, 46 p. (Novoe v zhizni, nauke, tekhnike, III Seriia. Ekonomika, no. 3)

### EUROPE, EASTERN—FOREIGN RELATIONS

Socialist countries and Puropean cooperation. V. Pavlov, V. Gorelov. Mezhdunar, zhizni 11 no. 2,22-25 167.

## EUROPE, EASTERN-INDUSTRIES

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### EUROPE, EASTERN-PAPER INDUSTRY-RESEARCH

Great power of scientific and technological collaboration. N. V. Rinkhin. Bum. prom. no.1,25-26 Ja ¹67.

# EUROPE, EASTERN-POPULATION-CONGRESSES Ploor belongs to the demographers. V. Moiseenko, Plan, Phoz. no. 2 79-82 F 67.

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# CUROPE, EASTERN—STATISTICS

Galeiskala, R.A. [Statistics on the achievements of so-cialist countries] Statistika ob uspekhakh sotsialisti-cheskikh stran. Moskva [Statistika] 1968, 55 p. (Stacheskikh stran. M tistika dlia vsekh)

## EUROPE, CASTERN—STATISTICS—PERIODICALS

International meeting of the chief editors of the journals on the problems of statistics and accounting Vest on the problems of statistics and accounting stat no 1:81-82 167

## EUROPE, CASTERN—STONE AGE

Resolution of the Conference on Principles of the Stratig-raphy and Periodization of the Paleolithic in Eastern Europa, Moscow, October 10-24, 1959 Trudy Kom chety.per. 18 257-250 [6].

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## EUROPE, EASTERN-TAIGAS

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# EUROPE, NORTHERN-HYDROMETEOROLOGY

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#### EUROPE, WESTERN-ARCHITECTURE

[World history of architecture in 12 volumes] Vseobshchaia istorlia arkhitektury v 12 tomakh. Glav.red. kollegiia: N.D. Kolli (glav.red.) i dr. Leningrad,

Vol. 4. [Architecture of Western Europe, the Middle Ages] Arkhitektura Zapadnoi Evropy, srednie veka. 1986, 692 p.

### EUROPE, WESTERN-FEUDALISM

Prefeudal period as the transitory phase in development from the tribal system to early feudalism. A. I Neusy-bhin Vop ist 42 no 175-87 Ja *67

#### EUROPE, WESTERN-FISHERIES

Mal'kov, A.S., and A A.Polonskil [Fisheries off the shores of Western Europe] Rybolovstvo u beiegov Zapadnoi Evropy Kaliningrad, AtlantNHO, 1965 83 p [MICROFILM]

#### EUROPE, WESTERN-FOREIGN ECONOMIC RELA-TIONS

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#### EUROPE, WESTERN-FOREIGN RELATIONS-UNITED STATES

Molchanov, N. N. [The U.S A. and Western Europe] SShA in Zapadnala Evropa. Moskya, Znanie, 1967. 46 p. (Novoe v zhizni, nauke, tekhnike. VII Seriia Mezhdunarodnaia, no. 2)

EUROPE, WESTERN-STRIKES AND LOCKOUTS Class struggle in Western Europe. 3, Novoselov. Agitator 34 no 2 49-51 Ja 167.

### EUROPE, WESTERN-TRUSTS, INDUSTRIAL-LAW

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### EVENKI STUDIES

IAAutskala respublikanskala biblioteka, [G.M.Vasilevich, an outstanding student of the Tungus, on her 70th bit th-day] G.M. Vasilevich - Frupneishti sovetskii tunguso-ved, k 70-letitu so offia rozhdenifa. IAkutsk, IAkutskoe knizhnoe izd-vo, 1965. 45 p.

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### EXCAVATING MACHINERY

Beliakov, IU.I., and V.M. Vladimirov, [Operating members of wheel-type excavators] Rabochie organy rotornykh ekskavatorov, Moskva, Mashinostroenie, 1967,

Calcualtion for and design of distributors and safety valves in the hydraulic systems of excavators, V, IU, Gurban Stroi i dor, mush b no. 12 8-10 D 161
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Network schedule graph for assembling walking excava-tors by large units, V. Tkalich, Prom. stroi. i Inzh. soor. 8 no. 6:1-3 N-D '56.

To full capacity. I.A.Galkin, Transp. stroi, 16 no.4: 34 Ap '66.

Wear of piston couplings in hydrautic systems of excava-tors, S. V. Kandyba Mekh, stroi, 23 no. 12:16-17 D

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Certain problems of calculating and designing continuous machines for frozen ground working by cutting, M.A. Dvoinykh. Shor, nauch, trud, PNIUI no. 10;254-273 '66,

Dvoinyan. Soor nauch, true, Fried no. 10:201213 50, Experimental studies of wallding processes in excavators and waste stackers. L. I. Politava and others. Izv. vys. ucheb. zav., gor. zhur. 8 no. 10:108-112 '65. Selecting rated value of specific digging forces in designing rotal y bucket excavators V. A. Kovrigin. Izv. vys. ucheb. zav., gor. zhur 8 no. 9:82-83 '65

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Evaluation of the resolving ability of the human retina based on electroencephalic data. Funtikov. Fiziol.zhu. 52 no.12;1441-1116 D '66.

Responses of neurons of the sometosengory cortex to ditect electric stimulation V. M Storozhuk, P. B Gurova Fiziol, zhur 52 no H 1289-1296 N *66

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State of potassium and sulflydryl groups in spinal motoneurons in frogs following reflex stimulation T.V. Alcintkova, N.B. Taurina, B.IA. Sieigam, Bful, cksp. biol.i med. 63 no.l;ld-13 Ja '67.

### EXCITON THEORY

Exciton states localized near crystal defects, V.I. Sugakov, Opt i spekti, 21 no.5,571-582 N '66.

Excitons in Ag₂O crystals E. F. Gross, F. I. Kreingol¹d, Pis¹, v ted Zhut, eksper, t teoret, fiz. 4 no, 10;418-422 N ¹66.

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"Sudoimport" exhibits, V Ragalev, Vnesh. torg, 46 no. 12:28-27 166.

# EXISTENTIALISM

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Existentialist glorification of imperialist reaction. V.D. Isachenko. Trudy Irk, un. 38 no. 4-81-87 '88.

Soloy'ev, F. IU. [Existentialism and the theory of knowledge] Ekzistenisfalizm i nauchnoc poznanie. Moskva, Vysshala shkola, 1968. 154 p.

Unfounded idealistic principles of the philosophical anthropology of Christian existentialism. E.U. Dubinski. Vestsi AN BSSR. Ser. hram. nav. no. 1;119-127 '66.

#### EXOPILTHALMOS

Inhibition of the exophthalmic factor by analogous E. E. Limanova, L. N. Balovskata, V. M. 1911 in on Biul eksp biol. i med. 63 no 1;16-18 Ja '67.

Subtotal strumectomy in thyrotoxicosis and mailgrand coopithalmos. I A Shikhgalter. Problemed & egot 8 no 6 72-75. N-D 16?

#### EXPECTORANTS

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#### EXPERIMENTAL DESIGN

Peterson, Ivar. [Plauning of experiments] Kaincle planeet infine. Tallinn, Valgus, 1966, 60 p. [fin Estonian]

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Selecting an efficient type of explosive depending up properties of rocks. G. K. Kotov. Tav. vya ucheb 2., gor. zhan. 8 no 1084-07 165. Schelltation of safety explosives. B. N. Kukili, Natur. delo no. 60/17-83-96 166.

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- S. A. I omonosov, A. V. Nikolacy Dokl, AN SSSR 167 no. 2; 351-356 Mt 466.
- Extraction of old from the flowers of Spattlum junceum L. N.L. Cautvich, Z.I. Abasova Masl hir. prom. 33 no. 1 27-29 Ja 467
- Mechanism of soft transfer through the interface in ex-baction systems. V.S., ledorov RadioLhimita no 6; 633-611 '66
- Probable structure of interfacial layer in extraction systems V. S. Pedorov Radiokhimila no 6.641-645 466
- Stadeing the process of pectin hydrolytis and extraction from heet pulp. L. B. Sosnovskii, G. V. Ruma, O. F. Ivanova, Trudy VKNII no. 17.100-105, btd.
- The mochemistry of binary systems Part 3: Systems nitric acid extraction agent. Id. A Afanaste, A.V. Mikoha v. V. B. Durasov. Radiokhimila no 6,702-705
- Use of acctone in simultaneous & traction of vegetable offs. V.V.Beloborodov, C.F.Bukhtareva Masi zhir, prom. 32 no. 10;20-24 O 166

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## EXTRI)MITIES (ANATOMY)—SURGERY

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### EXTRUSION (METALS)

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- Deep extrusion of flat billets with cross sections of unequal strength V.T Mesicherin, G.TSemann, Avt.prom. 33 no.1.37-30 Ja 167.
- Deformations in extrading in closed dies. A. P. Atroshen-ko, B. A. Noumehov. Avt. prom., 33 no. 141-42 Ja ¹⁶⁷
- Increasing the stampability of structural corbon steels in cold extrusion, I. A. Noritsyn, V. A. Golovin, I. K. Bukin-Batyrev, Vent mashinostr, 47 no 1,54-57 Jn '67.
- Manufacturing heating-element branches of PhTe and Ph5e semiconductor alloys by hot extrusion V.S. Smirnov, A.M. Alekseev, W.P. Shishkin Trudy LPI no. 200-5-11 165
- Problems of the technology of producing heating element branches of the Bi₂Te₃-Sb₂Te₃ alloy by extrusion, V.S. Smithov, A.M. Aleksoov Trudy LPI no. 260 12-17

### EXTRUSION (PLASTICS)

Shrapov, V. [Extrusive method of applying polymer materials on shaped metal products] Ekstruzionnyi metod annesenita polimernykh materiatov na metallicheskie profili'nye izdelila, Riga, Latvitski respubl. in-t raucoiso-tekha, informatsu i propagandy, 1966 6 (Listok tekhalehoskoi informatsu; Klimiia)

## EYE—DISEASES AND DEFECTS

Significance of aphthalmological examination in the diagnosts of an occlusion of the internal carotid artery T.B. Shubova. Zhur, nevr. i psikh. 62 no. il·1642-1645

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### FABRE, JEAN HENRI CASIMIR, 1823-1915

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### FACIAL NERVE—DISEASES

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### FACTOR ANALYSIS

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### FACTORY LIBRARIES

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#### FACTORY SANITATION

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### FALLOWING

- Clean and green fallows in the southeast. P. K. Ivanov. A. T. Volik. S. 1A. Kushair. Vest. sel'Phoz. nauki ii no. 12,50-56 D '66.
- Effect of fartilizers applied to green fallow crops on the yield of winter wheat. I.A. Kallazm, N.A. Presniakov Khim.v sel! Phoz. 5 no 1:3-6 Ja 167

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  Characteristics of the ISAGI diametrical fans with variable rotor width. A G Korovkin. Prom. acrodin. no. 28:214-235 166.
- Economical operation of mine fans. I.A. Haskin, Ugol' Ukr. 6 no 12,35-37 D '62.
- Mar. o no 12,39-31 D '62.
  Meetric drives of the fans in the furnace rooms of factories treating hybrid and high-quality consects. B. Tarukovskii, I. Shapiro, Muk. -elev. prom. 26 no 3 23 Mr '60.
- equipment with centrifugal fans with an interlocked blower and suction conduits. V. S. Pak, G. A. Babak, E. S. Marinovskii. Ugoli Ukr. 7 no 3 33-35 Mi. 163.
- The K-23-type TSAGI avin1-flow fan. I. V. Brusilovskii, N. V. Surnov. Prom. aerodin. no. 28,169-181 '66.
- Low-noise fans. N.M. Davydov. G.S. Kulikov. Biul. tekh.ekon, inform. Gos, nauch. - issl, inst nauch. i tekh inform. 19 no. 12:53-54 D 185.
- The UK-2M-type TSAGI axial-flow for general industrial use. A.R. Bushel', Prom, acrodin, no. 28:182-205
  166.
- The XTS4-84 and KTS3-90M-type roof centrifugal fens. P. O. Mazmaniants. Prom. aerodin no. 28 236-247

### FANS (MACHINERY)-DESIGN AND CONSTRUCTION

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- Pressure loss s in the exit areas of ventilation systems ith new axial fans. F. M. Levin. Mash a obor dia. mickh i ostomatiz trud, prote v ugoli prom, no. 2 342-
- Lesting and developing powerful mine fans | LA Raskin Mash, i abor dlia mcPh i aviomatiz trud, prots v ugo!* prom, no. 2 330-341 165 Testing the guide vines in bousings of radial mine fans.
- G V Ivinov L. vys ucheb zav got zhut 8 no 9

### FANS (MACHINERY)-VIBRATION

- Flatter during varying mode operation of parallel connected fons. \ A. Daidziguri. N. Sh Durmishidze Soob. \ N. Giuz SSR ii no. 3.715-720 D '66 nected fans.
- Results of investigating "ibrations of centrifugal fan housings M.F. Khitakh. Mash i obor difa mckh, i automatiz (tud prots v ugol! prom. no. 2,313-324-165.

### FAR EAST, SOVIET see Soviet Far East

### FARM BUILDINGS

(see also subdivision under Ukraine)

- Onishchenko, M.Ru., IU.1. Koshyts', and V.1. Raiko. [Farm buildings] Silfs'bo-hospodars'ki vyrobnychi spoudy. Kytv, Budivel'nyk, 1965. 74 p. (Bibliotechka silfs'koho budivel'nyka)
- Reinforced concrete for rural construction. S. Botvinik, V. Krechetnikov, Inform. blul. VDNkH no. 1 15-17
- FARM BUILDINGS-DESIGN AND CONSTRUCTION see subdivision under Kazakhstan

### FARM BUILDINGS-LIGHTING

Engineering and economic comparison of lighting rural premises with meandescent and fluorescent lamps, L.G. Prishep Doki TSKHA no 44 63-68 159

FARM LIFE see subdivision under Smolensk Province

### FARM MANAGEMENT

(see also subdivision under Kuytun District, Moldavia)

- Bureau of economic analysis on collective and state farms. Ekon sel'khoz 42 no 1:2-7 '67.
- Efficient forms of labor organization on collective and state marms I, P Altaiskii Dokl, i soob, VNIESKH no 28 3-19 455
- Mathematical method in planning and economic calcula-tions. E. Krylatykh. Zemledelic 29 no 1:48-52 Ja 87.

### FARM MANURE—HANDLING

Design of a light-weight conveyor, V. Svidet skil, IU. Syscev. Tekh. v scilkhoz. 2s no. 12,26 D *66.
Multipurpose bar conveyor, I. Arbuzov. Tekh. v sel'-khoz. 26 no. 12 23-25 D *66

### FARM MECHANIZATION

- The founder of agricultural mechanization B. Zhdanov. Tekh v selikhoz 21 no 12 87 D '61
- Immediate tasks of the overall mechanization of farming A N Karpenko Dokl. TSKHA no 44 5-15 159

  A new type of a mechanizad farm V, Plingachev, E, Boxisenko, B Gurevich Tekh, v sel'khoz 21 no 12 15-10 D '61 Potentialities of the efficient use of production funds and
- capital investments. V. Khaltur in V. Kadulin Ekon. sel'khoz. 42 no.1:56-65 '67.
- FARM MECHANIZATION—BIBLIOGRAPHY see Bibliography—Farm mechanization

# FARM MECHANIZATION—STUDY AND TEACHING

The combines of Kalinin province, N. D. Malakhov. Vech. ared, shkola 9 no. 3:21-23 My-Je '66. Courses for roising the qualifications, A. F. Reva. Sred. spets.obr. 13 no.7:51 Jl | 66.

### FARM PROCUREMENT

Ivanov, N.V. Torganization of the supply of agricultural enterprises Organizatsiia snabzheniia sel'skokhoziaistven. 258 p. (CU) M vennyklı predpriiatii. Moskva, Vysshaia shkola, 1965.

Vainer, M.G., and V.P. Alter'ev. [Planning for the supply of materials and equipment to agriculture] Planirovanie material'no-tektnicheskogo snabzhenia sel'skogo khoziaistva. Moskva, Ekonomika, 1986, 183 p.

FARM PRODUCE....MARKETING (see also subdivision under Moscow) Decisions of arbitration agencies. Sots, 2akon, no. 2: 89-90 F 167.

Formation and the development of the collective farm trade, R. Nazarov. Sov. torg. 40 no. 2:20-25 F 167.

### FARM PRODUCE—STANDARDS

Calculating economy from the introduction of standards for agricultural produce. B.D Rabinovich, K.V Vasil'ev. Stand. I kach. 30 no. 11-70-71 N 166.

FARMS-VALUATION

(see also subdivision under Moldavia) and valuation in city planning. M Vitt, Plan Phorno 2 86-89 F 167

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### FASTENDOS

Attaching conveyor belts to remforced concrete gallers floors, - A. Kazarın Prom, stroi i inzh soor. 8 no. 6 7-8 N-D '66.

Method of determining depth for embedding anchor holts for foundations under machinery I, A Kenonov Shot Miosn no 56 195-216 '66

#### FAT METABOLISM

Pat-mobilizing activity of adiposin, lipocaine and pro-lactin following separate and combined administration G. T. Pavlov. Pro'l endoking orim. 8 no 6 3.-m. N-D 169

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#### FATIGUE

Changes in the intensity of lighting 15 a factor increasing the working capacity in man 1 M. Chernitovskam Fiziol zhur 52 no Il 1342-1339 N. 166,

### FATIGUE, MENTAL

Mental stress and mental disorders, from data of foreign literature M Rogovin Zhur nevr 1 pail h 62 no 11 1731-1740 '62

### FATIGUE TESTING MACHINES

Unit for testing materials for impact fatigue, M.G. Loshak, Telli, i org. proizy, no. 6 117-118, N-D 466,

#### FATTY ACID METABOLISM

Effect of cottonseed oil and lamb fat, subjected to thei mil processing, on polyunsaturated fatty acid level in blood and liver of laboratory unimals N G Popova, L R Los'eva, M N Ismailov Vop pit, 25 no 6 41-47 N D 186

### FATTY ACIDS see Acids, Fatty

### FAULTS (GEOLOGY)

(see also subdivision under Antarctic regions; Donets Basin)

Donets Basin)
Role of the fracture tectonics in the retief formation in Krasnopolyanskiy region of the Greater Caucasus Rastvotova, Biul MOIP Otd, geol. 36 no. 3 32-37

Role of the irregular rotation of the earth on the formation of planetary deep faults in the carthis crust M.V. Stovas Gool zhur 21 no 213-25 fel

FAVORSKII, VLADIMIR ANDREEVICH, 1886-1964 Favorskii, V.A. [About artists, creative work, and books] O khudozhnike, o tvorchestve, o knige. [Moskva] Molodaia gyardiia 1966, 125 p. illus.

### FECES-A NALVSIS

Comparative evaluation of different methods to determine steators hea in chronic enterocolitis K. M. Prostiakov and others. Sov med 29 no 1) 107-110 11 166.

FEDIN, KONSTANTIN ALEKSANDROVICH, 1892-The fate of humanism, M. Kurnetsov Nov mir 38 no 10 217-230 O 162

### FEDOROV, ALEKSANDR ALEKSANDROVICH, 1908-

Aleksandr Aleksandı ovich Fedorov, his 60th birthday and 40 years of scientific activity. L.T. Vasil'chenko. Bot 2hur. 51 no.12;1803-1811 D '66.

FEDOROV, VASILII SERGEEVICH, 1903-1966 Vastiti Sergeevich Fedorov; obituary. Neftianik II no. 9 40 S '66.

### FEDOROV, VLADEMIR

Assaulting Parnassus. M. Roshchin. Nov. mir 42 no. 7:253-256 Jl | 166.

### FEEBLEMINDEDNESS see Mental deficiency

### FEED GRINDERS

Estimation of the effectiveness of chopping machines and the quality of the product. V. A. Skol'zaev, A. E. Lipatov. Vest, sel'khoz. nauki 11 no. 11:91-96 168.

(see also subdivision under Orenburg)
Production of combined feeds in capitalist countries,
V Pyshkin, D. Skyerchak, E. Romanov, Zakup, sel'khoz,
prod. no. ll 51-54 N '56.

## FEED INDUSTRY-EQUIPMENT AND SUPPLIES

Fuel, water, and air consumption for the production of fadder biomycin. V.M Semernia, N.F. Dikit. Spirt prom. 28 no 3:40-42 162.

## FEED INDUSTRY-EXHIBITIONS

For the specialists of the grain products industry, A. Blidman, Inform, bidl. VDNKH no. 12 2-3 D 166.

These hards are skillful hands, V Igorova, Zakup, sul'khoz prod. no.12,37-40 D 166

#### FECD INDUSTRY WORKERS

These hands are skillful hands, V. Igoreva, Zakup, sel'Phoz. prod. no 12,37-10 D '66

#### FEED MECHANISMS

Automatic control of the fuel feed in an open-hearth fur-nice V B Modylerskii Stall 21 no 11 10 10 -10 11 N '61

Determining the rated mass of vibratory feed mechanisms considering the feed mass. IU, S. Tikhomin ov Mashinovedenie no 1 18-56 Ja-F 167.

Shifting high-speed feed to working food on grinding machines. L. A Sarokoletov V. S. Gelshellik, Stan, i. 1940. Ja. 167, Speed governor of the feed mechanism drive of a boring machine. P. I. Slezinger, A. P. Khrushchev, N. P. Shendrik, Stan i. instr. 33 no. 149-21. Ja. 161.

Studying the process of feed regulation for Jouble acting impolite pumps. V.IU Engel's Izv.vys.ucheb./av.; gor./lan 10 no 1/11:-117 '67

Ways of improving the operation of the feeding equipment of pilger mills, V 5 Rudor and others. Stall 22 no 5, 142-446 My 162.

### FEED MILLS see subdivision under Azerbaijan

#### FEEDING

(see also subdivision under United States)

Vessoluznyi nauchno-issledovatel'skii institut zhivoinovod-stva. [Using vitamina for ratsing the productivity of animal husbandry] Ispol'zovante vitaminov dlin povyshe-nita pi oduktivnosti zhivoinovodstva. Moskva, 1966. 482 p. (DNAL)

### FEEDING-EQUIPMENT AND SUPPLIES

Characteristics of the operation of the FVK-80 conveyor, IU Vinsov, Fekh, v stlkhoz, 27 no 1:27-28 '67,

The KUT-3, OB feed distributor and mixer. V. Grinberg, D. Turran Tekh, v selthhot, 26 no 12 19-21 D 160

Multipurpose bar conveyor. I Arbuzov. Tekh.v sell-khoz. 26 no.12.23-25 D 466.

Role of a tripping heater in a feeder-batcher for coarse feeds, V.A. Golikov, Vest. sel'khoz, nauki [kazakh.] 10 no 186-89 Ja +67,

Technological evaluation of some systems of the mech-anization of feed distribution on farms L. I. Kropp Dorl TSKHN no 44 77-84 159

### FEEDING-TABLES, CALCULATIONS, ETC.

Simplified method for determining feed units. A Movesiaiants Vest. 881 khoz nauki 11 no 12 147-148 D 166

(see also subdivision under Georgia)

Determining the output of gramulated mixed feeds produced at the DG unit. D Lysenko, V Logvinova, V, Shevandina, Muk, -elev prom 33 no.1127-28 Jul 167. The seven-year plan has had a good start, B, CSimberg, I Karaaev, Muk -elev prom. 26 no.4;15-17 Mt '60, Shop for the fermentation of feeds, A, Krivonozhenkov, Ckh, v sci'kltoz, 27 no.1;26-27 '67

### FEGDS-ANALYSIS

Ozols, A. [Overall determination of the nutritive value of feeds] Vispusiga lopbarthus hardnes vertibus notoiksans. Riga, Zinatne, 1866. 61 p. [In Latvian] (DNAL)

Secure diagnosis of feeds contaminated with pathogenic fungi G.I.Ezhov. Dokl.TSKHA no.45;109-174 59.

### FEEDWATER

Regulation of the water level in bollers. V. Krymchan-skii. Tekh v sel'khoz, 21 no. 12 47-50 D '61. Study of the feedwater recirculation system of a once-through type botter, Elek. sta. 37 no.12;19-24 D 186,

Swelling of boiler feedwater of various composition, I. A. Nikolenko. Teploeneryetika 7 no. 8:71-74 Ag *160.

### FEEDWATER-ANALYSIS

Methods for determining small quantities of chlorine in water. A. V. Stepanov, P. A. Fridman, T. V. Joff. Inform.shor.TSNIMF no 166 Tekh ekspl mor.flota no.46:85-91 '68.

### FEEDWATER HEATERS

Ways of improving the reliability of economizers on the mass-produced ships of the "Shkiper Gek" and "Sergoi Bolkin" types. B.S. Karandashov. Inform.shor. TSNIIMF no.166. Tekh ekspl. mor. flota no. 46:44-50 '66

### FEEDWATER PURIFICATION

Methods of water preparation and treatment used on seagoing ships of foreign fleets and in stationary power engineering. A. K. Gol'denfon. Inform. sbor, TSNIIMF no. 186. Tekh. ekspl. mor. flota no. 46;68-75 '66.

Studying the efficiency of water purification from corrosion products by the method of centrifugation. G. I. Aleinikov, N. N. Lipatov. Energomashinostroenie fi no. 10:10-13 O '00.

#### FELDSPAR

Flementary determination and model characteristics of feldsom twins. P.K. Vovk, I.I. Shavramovskil. A. A. Mokievskii. Min. shor. 20. no. 19-15-166

Observations on the sequence of changes in feldspars in solid stage. A 5, Marfunia, Trudy Mm mus. no. 12 501td 51 1/6 51-63 161

#### FOLDSPAR-SPECTRA

Studying degree of regulation of potassium socium fell-spars of granitoids using infrared spectroscopy 1, h, Panov. I. G. Fedorova. Zap. Vses. min. ob-va. 95 m. 6; 739-741 56

### FELIDAE PARASITES see Parasites Felicle

Manufacture of felt from synthetic fibers, F. V. I coffee, Nauch -isst trudy FSNIIshorsti no. 201236-250 105. ROLTWORK

New types of finishes for woolen felt headgear. V K Chemitakhovskata Nauch, 1991, trudy PSNIIsher an no, 20 250-257 [45]

#### FRMORAL NERVE

Changes in myotatic reflexes in X-rayed rabbits, Z, M, Gvozdikova Radiobiologija 2 no. 4 573-578 192.

FENCES
Russin (U.S.S.R.) Gesudarstvomyt komitet po delam
streilet siva. Instructions for the planning of fouch;
of ferrifory and late of enterprises, buildings, and
structures | Ularamina po procettrovamina ograzbalenti
territorii I uchastkov predprilati, zdanti i scoruzbenil,
SN 348-66. Moskva, Strolizdat, 1958, 19 p.

FENITES see subdivision under Vishneyaya Mountain

### FEODOSIYA-LIBRARIES AND READERS

We should struggle for each person. D. Zaitsera Bibliotekar! 44 no. ?:21-21 1 '67.

# FERGANA-LUBRICATION AND LUBRICANTS

Lubi icant acction of the Fergana Petroleum Refinirg Plant. Nat khoe, Ucb. 3 no. 2:55 F 181.

### FERGANA VALLEY-MINERALOGY, DETERMINATIVE

Mean composition of detrital minerals in products of demidiation in gothern part of Tion Shan intermediat zone: G. M.Shevthenko Nauch trudy Tash(itt no 231 Geolasuki no 20,258-266 [63]

### FERGANA VALLEY-MOLASSE-MAPS

Methodology of large-scale facius-lithological mapping of Cenozoic molasse. I. D. Shpora, I.V. Fleula, bank i Nauch, trady TashtiU no. 234. Gool, asuki no. 20,247-275

### FERMENTATION

Permentation of molasses-and-meal mash by means of Cl acetobutylicum, E.V. Chekasina Spirt, prom 28 no 3,22-28 162.

### FERMI SURFACES

V.I. Makarov, I. IA, Volynekii, Pie', v red. Zhur, eksper, i teoret. fir. 4 no. 94389-372 N '66.

### FERNS-THERAPEUTIC USE

Possible causes of a decrease in the toxicity of actidite derivatives (actiquine, amino actiquine) when used in combination with mule for a extract. M. N. I chellers, Med. paras. I paras. bol. 35 no.6:712-717 N-D '96.

Treatment of taentasis with the extract of male forn, G. A. Dashtaiants. Abort nauch trud. SOGMI no. 10 1.15-157 161.

### FERRATES see Ferrites (Magnetic materials)

### FERRITES (MAGNETIC MATERIALS)

Calculation of surface effect in ferromagnetic bodies V.N. Petrovskil, Izv. AN SSR, Fnerg, I transp. nr. f 51-58 N-D 466,

Dependence of additional absorption on the form of a far rite object, J. V. Shebukin, Radiotekhnika 22 120,125 62 Ja 167,

Domain structure of cobalt ferrite. E. V. Shtobles. Fig. tver. tein 8 no. 11;3147-3155 N 166.

tver-tola 8 no. 113147-3355 N '05.

Electrolytic method of production of oxide raw materists for the manufacture of manganese zinc fertites. R.1. Agladzo, M. N. Dzhaliashvili. Soch. AN Ginz SSR 44 no. 3;619-622 D '65.

Instability of spin waves in forrites with domain structure. E. V. Lebodova, A. I. Pil'chikov, N. S. Sodjetskils. Fiz. tver-tola 8 no. 11;3204-3207 N '58.

Interaction between ferrites of cobalt, nickel, and from and iron sulfide. M. M. Zavinlov, V. I. Smirnov, Diekl AN SSSR 172 no. 1:140-152 Ja '67.

Mixed cadmium ferrites of spinel structure. M.M. Mirianashvili, T. I. Kakushadze, L. P. Gyelesiani, Soch, AN Gauz, SSR 44 no. 3,557-561 D 66.

Prospects of using printed assembly in automatic mete-orological stations on base of strengthened ferrite modulus. P. V. Romanov. Trudy GGO no. 199436-145

### FERRITES (MAGNETIC MATERIALS) (Continued)

Study of ferrite powders obtained in their mail treatment of side mixtures. A E Grodshitein and others. UPr. Phin Phur. 32, no. II 1239-1242, 166.

Stewing magnetic resistance of oriented hexagonal for-rites L.I. Koroleva Fiz met., metalloyed 22 no.1574-579 O 56

inger on syntching diode and for rite with rectangular hystoresis luop. M. F. Melt, hm., I. V. Melt, hina Trudy GGO no 199 111-152 'e6.

Y-ray diff action and microstructure study of phase relations in the formation of barnum cobalt hexager its BaCo2 Fel6 O27 M A Vinnik, A 1 Agranovskaia, N 1 Semenova Zhur neotg khun, 12 no. 138-13 la 467.

#### FERRITES (MAGNETIC MATERIALS)-ELECTRO-MAGNETIC PROPERTIES

Ban i spin, electi omagnetic and plasma waves in ferrites. M. A. Savchenko, K. N. Stepanov. Fiz. met. i metalloved. 22 no. 1:198-505 O ¹66.

Effect of heat it entirent on magnetoci ystallogi aphic anisot-logy and losses on rotating hystorists in lithium penta-ferrite single crystals A. I. Drokin and others 1817 type tela 8 no 11:3363-3365 N 166

### FERRITES (MAGNETIC MATERIALS)—THERMAL PROPERTIES

Lov-temperature anomaly in absorption spectra of RbMnF3 and KMul's antiferromagnets A. F. Antonov, A. I. Beliacya, V V. Fremenko Fiz tver tela 8 no 11:3397-3400 N '66

#### FERROCENE

Ammomethy lation of ethylicinocene. L.S. Shilovtseva and others. Izv. AN SSSR, Ser. khim. no. 12:2239-2210

Determination of rate constants of reactions of ferrocene and its derivative's with perovide radicals. L M Postutkov, E M Tochtha, V IA Shilapintokh Dokl, NN SSSR 172 no. 3 651-651 Ja 167

Kinetic isotope affects in the reactions of isotope exchange of ferroces at me reactions of 1900ple exchange of ferrocene, hydrogen with acid and base. T. S. Ikkushin and others. 1/v AN SSR, Ser, khim no, 1/206-207. Ja. \$67.

Knetics of hydrolytic decomposition of ferricinium cation. A. A. Pendin. M. S. Zakhalevskii, P. K. Leonticvskois. Km i lat 7 no. 6(1071-1077 N-D 166

Mono- and di (N, N-dimethylaminomethyl) methylferro-A. N. Nesmeianov and others Lev AN SSSR Ser khim, no. 1 1/1-175 Ja 167

Senthesis of di- and trisubstituted ferrocenes via monoand di (N, N-dimethylammom thyl) ethylfel focuses, a mondand di (N, N-dimethylammom thyl) ethylfel focuses, a N, Nesmeianov, F, G, Petevalova, L, S Shilovtseva, lzv AN SSSR, Ser, khim, no l 167-169 Ja 167.

### FERROCYANIDES

Instruct instances

I freet of temperature on the kinetics of the extraction of mixed colloidal licavy motal (cross yanidos with gelatin form fwith summary in English). I. D. Skrykey, S. G. diskinshim Koll. zhin. 23 no. 3:301-105. My-Jc. (6)

### FERROELECTRIC CRYSTALS

Method of studying dynamic nonlinearity of ferroelectric crystals in super high-frequency fields I. V. Ivanov, N. A. Morozov. Fiz. tver. tela 8 no 11,3218-3225 N '66.

### FERROELECTRIC CRYSTALS-TESTING

A simple cryostat for studying the electromechanical properties of cryotals. A.V. Mantsokanian, L.A. Slavalov. Inv. vs acheb. 2 av., fiz. 0 no.6.115-118 66.

## FERROMAGNETIC RESONANCE

Angular dependence of fer romagnetic resonance is equency in a bit at ity or iented plane of cubic crystals. IU, M. IAkoviev, IU, N. But din. Fiz.tver.tela @ no.11;3407-

Hysteresis of oscillations accompanying nonlinear ferror magnetic resonance. A. A. Tulaikova, IA. A. Monosov. Fig. tver. tela 8 no. 11.3377-3379 N '66.

Inhomogeneous resonance in ferromagnetic plates. V.V. Gann. Fiz.tver. tels 8 no 11,3167-3172 N '66.

Observability of ferroacoustic resonance at low frequen-cies V. P. Lukomskii. Fir.tver.tela 8 no.11;3400-3402 N 166.

### FERROMAGNETIC SUBSTANCES

Dependence of Sq. magnetic viscosity coefficient on cha-incteristics of ferromagnetic grains. V. A. Zhilineva, L. V. Kolesnikov. Izv. AN SSSR Fiz. zem., no. 11:122-127 165.

### FERROMAGNET ISM

Cross section of slow polorized neutron scattering in unlaxial ferromagnetic materials. E. V. Zarochentsev. V. A. Popov. Fiz. met. i metalloved. 22 no. 4:487-497

Magnetic and electric properties of iron gadolinium films. A. A. Nedel'ko, V. A. Buravikhin. Izv.vys.ucheb.zav.; fiz. 0 no.6:155-158 [68.

Possible mechanism of magnetic polarity reversal in ferromagnetic materials. A. I. Mitsek. Fiz. met.i. metalloyed 22 no.4;481-486 O '66.

Sensitive ferromagnetic probe magnetometer. M.A. Vedenev and others. Defektoskopiia 2 no. 5:66-69

Temperature behavior of "antifer comagnetic" industry spin in a ferromagnetic matrix. IU, A Prinnov. M V Medvedev. Fir met i metallo ed. 22 no 4,506-513 O 166.

### FERROMANGANESE-METALLURGY

Production and use of fluxed manganese surter E P Lyskov and others Staff 22 no 5 391-395 My 162

FERSMAN, ALEKSANDR EVGEN'EVICH, 1883-1945

An outstanding scientist, I. Zabelin, Nov. toir 42 no. 7: 267-271 Ji 466.

#### FERTILITY

Pécundity of Pélécus cultratus (L.) in Rybinsk Reservoir. V. M. Volodin. Trudy Inst, biol vnutr. vod. no. 16 9-20

### FERTILIZATION OF PLANTS

Fertilization of eggplant (Solamum melongent). S.G. Mikaelian. Biol /bur Arm. 19 no 10 34-42 O 466.

Man e about a possible biological function of nectaries
F. N. Gerasimowa - Navashina Bot zhur. 51 no 12,1718-

### TERTILIZER SPREADERS

Machines for the placement of dustlike fartilizers. G.P. Varlamov and others. Trakt i sellkhozmash. no. i 23-25 Ja 167

Placement of fertilizers in layers during plowing, V. Kashutin, Tokh, v sellinos, 26 no 12 16-18 D 166

FERTILIZERS AND MANURES (see also subdivision under Germany, East, Tatar A. S. S. R. )

Change in the physical and mechanical characteristics of mineral fertilizers during their application. A M Shehierbakov. Khim, v sel', khoz. 5 no. 1 11-18

Contribution of scientists to production. A. Ugar ov Zemiledelie 29 no.1:68-71 Ja '67-

Dates and methods for the placement of fertilizers in goil P A Dmitrenke, Agrodumtia no. 1 11-51 goil P Ja 167.

Distribution of fertilizers N Vainberg. Zemledelie 29 no 1:43-11 Ja '67

Effectiveness of vermiculite as magnesium fertilizer, O.V Neugodova Agrochimitia no. 1/117-122 Ja 167.

increasing the resistance of plants to diseases by means of using various forms of mineral fartilizers G.A. Trunov Trudy KHSKHI 56:11-10 '56

Krytski, I. [Minoral fertilizers and peat bogs] Mineralt-nyla whatenul i tarilanki. Minsk, Undzhal, 1965. 30 p. (Kompleksnulu mekhanizatsylu na pali i fermy) (DNAL)

Palugus, Herbert. [Efficiency of the production and use of peat fertilizers in the Estonian S.S. R.] Turvatvactiste tootmise is kasulamise majanduslikusl efektlivausest Eesti NSV-s. Tallinn, Valgus, 1966. 99 p [In Estonian] (DNAL)

Pannikov, V.D. [Knowledge of soil and plant requirements as the basis of the efficient use of fertilizers, from practices in agriculture of the German Democratic Republic] Znanio pochv i potrebnostei rastenii-osnova ralsional'nogo pri menenita udobrenit; iz opyta sel'skogo khoziatstva GDR, Moskva, 1966, 65 p. (Sel'skokhoziatstvennata nauka i praktika za rubezhom, 14) (DNAL)

Poisonous chemicals in mixture with fertilizers, \$ Raykin, L. Trofimova, Zachch rast, 12 no. to

The possibility of increasing the production of time and dolomite fertilizers for agriculture. N.V. Smirnov Stroi, mat. 7, no. 11,20-22, N. 161

Preparation of polymics of a tilizers from industry wastes. S. N. Ganz. R. I. Braginskala, S. I. Kaptureva, Lev. vys. S. N. Ganz, R. I. Braginskala, S. I. Kaptureva, Lev. v ucheb. zav, khim. I khim. tekh. 9 no. 5.782-784 466.

Production of fertilizers I. Mainistov, Tekh v sel'kho?

Production of fertilizers I. Malmistov. Tekh v sel'kh-21 no 12:7-8 D '61 Vol'fkovich, S.I. [Development of the production of mineral fertilizers] Progress produvedsiva mineral'-nykh udobrenti, Moskwa, Znanie, 1967. 46 p. (Novoe v zhizni, nauke, tekhnike. V Serila: Sel'skoe kho-ziatsivo, 2)

## FERTILIZERS AND MANURES-ANALYSIS

Qualitative analysis of mineral fertilizers in their solid phase, P. I. Voskresenskit, Khtm. v sel¹, khoz 5 no, 1¹19-22 Ja ¹67,

### FERTILIZERS AND MANURES-HANDLING

Selecting efficient machinery systems for the preparation of mineral fertilizers for placement A. M. Borisov, M. N. Fateev, N. D. Stupa, 'frakt. i sellkhozmash, no. 1 34-36 Ja 167.

FERTILIZERS AND MANURES-PRESERVATION AND STORAGE see subdivision under Crimea

### FERTILIZERS AND MANURES-RESEARCH

Geographical regularity of the effectiveness of mineral fertilizers in the U.S.S.R. P.G. Naldin Agrokhimita no, 1:24-40 Ja 167.

### FERTILIZERS AND MANURES-STORAGE

Efficient capacity of varis for stoling mineral fertilizers. V.P. Alferice Khim., sel., Phoz. 5 no 163-66 Ja 167.

### FERTILIZERS AND MANURES-TRANSPORTATION

Motortineks used for fertilizer haniage, G. Rybakov, Avt. transp. 45 no 123-21 Ja 167.

Hence transfer reaction of fetal hemoglobin in the presence of dithionite. T.V. Stepmova Biul eksp biol.i med. 63 no 1,48-50 Ja ¹67

#### FETUS. EFFECT OF RADIATION ON

Mobility of nervous processes in dogs of different ages irradiated antenatally with ionizing radiation. M.G. Arrapetrants Zhun vys ner derat 12 no 6 1055-1064 N-D 162

FEUDALISM see subdivision under Europe, Western

### FEUERBACH, LUDWIG ANDREAS, 1804-1872

Connection between anthropology and sensualism in L. Feuerbach's philosophy K N Lighutin Nauch dokl. 78, shkoly, files naukt 4 no 1125-133 bl

Characteristics of febrile reaction in chronic fibrocaver nous pulmonary tuberculosis. E N Kur'lanova-IAnchen-ko. Trudy LPMI 37:III-II7 '65.

Physiological mechanisms of chemical heat regulation in the development of fever F. A. Shevel'ko Fisiol, shur 54 no 11 1359-1367 N *66

#### FIBER SPACES

Deformations of holomorphic vector fiber hundles over the Riemannian sphere. I. P. Donin. Mat. shor. 71 no. 1:495-502 D '66.

#### FIBERBOARD

Substituting wood fiberhoard for waterproof paperboard N A Makhne, Burn, non 37 no 510 My '62

Determination of the length of flax fibers. V. V. Gor cdov. Nauch. -lssi.tudy TSNIILV 22:153-159 466.

#### FIBRIN

Presence of fibrin-stabilizing factor in crytmocytes V.P. Baluda. Zh Rukezenkova. S S. Klmychev. Binl. cksp.biol i med. 63 no 1,13-15 Jn '67.

Comparative data of the coagulogeam and B fibilingen in the plasma of venous blood and bone matrow in donors, IA, II, Karadzhaev, Azerb med, zbur 43 no.12;20-22 D 466.

Distribution of [13]-labeled fibringen in organs and tissucs of mice with transplanted tuniors. N. V. Gaspero-

I'stimating the amount of fibrinogen in the blood of erythremia patients by the erythremic index M. S Mac bell, Soob AN Gruz, SSR 26 no 6 755-761 Je 161. M. S. Macha-

### FIBRINOLYSIS

Effect of nicotinic acid on the fibrinolytic activity of the blood in ather oscien osis. M.G. Shershevskii. Kardiologiia 3 no. 164-68 Jan. - F '63.

### FIRROIN

Nucleotide composition of RNA in fibroin section of silk-worm gland P. Kuliyev, N. V. Birukova, O N. Mamed-nilazov Izv AN Turk, SSR. Ser. biol. nauk no 5 49-52

### FICTION, AUTOBIOGRAPHIC

Today on yesterday, memoirs and our times. V. Kardin Vop. lit. 5 no 9:37-57 S [6].

FIELD AND MOUNTAIN ARTILLERY see Arillery, Field and mountain

### FIELD CROPS

[Agriculture abroad: Plant culture] Sel', khoz. za rub.; Rast. no. 7 Jl '66.

Make briter use of reson ces. V. Kondrat'eva. Zom-lodelie 29 no.1:45 Ja '67.

### FIELD EMISSION

Field emission from metals with nonmetallic coatings. N. V. Mileshkina, I. L. Sokol'skaia. Fiz. iver. tela 8 no. 11;3163-3166 N '66.

FIELD MICE see subdivision under Volga Valley

FIELD MICE-PARASITES see Parasites-Field mice

### FIELD THEORY

Field theory in a space of constant curvature D. F. Kurdgelnidze. Vest. Mosk. un. Ser. 3; Fiz., astron. 21 no.6;90-93 N-D 66.

Method of a modified self-consistent field in the theory of liquids and gases. I. P. Bazarov. Vost. Mosk.un. Ser. 3; Fiz., astron. 21 no. 6;25-32 N-D '66.

### FIGHTER PLANES—PILOTING

About young people, the first class and the barrier V. Ko alev Av t kosm no 127-29 Ja 167

In special cases R Volodaiskii and others. Av a kosm no 130-33 h '67

With a fighter plane in the night sky N Zotov Av i kosm, no. 1 22-25 Ja 157

#### PILARIA AND FILARIASIS

Studying the filarine, parasites of fur scals, S.L. Deliamure, S.Z. Duboysi, A.S. Skrisbin – Izv. Krym otd Geog ob-va no.6 199-200 161.

New data on the early revolutionary activity of Filip Filipovic, M. M. Sumarokova. Sov. slav. no. 1,56-59

#### FILMS (CHEMISTRY)

Finalise of evaporation of liquid drops covered with an insoluble film of foreign substance (with summary in Figlish] B V Deriagin, S.P Bakanov, (U.S. Kurgin Koll, Jahr. 23 no. 3 262-271 My-de '61.

Structure of oxide films produced by bombarding a silicon surface with oxygen lons. P V Pavlov, E, V Shitova Do 4 AN SSSR 172 no 3 588-590 Ja 187. Synthetic films in the food industry. V. Khankal'ian Prom Arm a no 11:9-10 166.

### FILTER THEORY

Automatic phase frequency control system with a phase shifter in the feedback circuit V P. Sizov. Radiotekhnika 22 no 1 32-36 Ja 167.

#### FILTERS AND FILTRATION

Deresination on "Attis" filters. R. A. Teplitskain, Z. M. Bashkurtseva Bum. prom no. 1:12-13 Ja 167. Effect of freezing on the properties of metal hydroxide coagulates Part 3. Effect of electrolytes on the change of puticle size of it on hydroxide and on the rate of filliation (with summary in English), V. L. Zolotawin, V. V. Vol'Phin Rol, zhur 23 no. J 275-280 My-Je ۰61,

Effect of the conditions of acid purification on the filterability of catalyzed oil in the purification of the MK-22 aviation oil A.M. Kullev and others. Shor trud Az NII NP no 3 181-193 '58

Effect of the conditions of catalytic purification on the filterability of catalyzed oil, and ways for improving its filterability, A. M. Kuliev and others. Shor, trud. Az NII NP no 3 194-208 '58

Filters from glass plastic pipes. V. M. Gavrilko, V S. Alekseev. Vod. i san, tekh no. 11;16-18 N '66,

Filtration of a suspension of trioxane. N A. Morozov, E V. Reutova, V. V Suvorov, Plast, massy no. 1:68

Filtration of diesel fuels. L. A. Emel'innov. Energo-mashinostroenie 6 no. 9:39-40 \$ '60.

Gel filtration method for studying external metabolites in marine unicellular alga cultures. Z. P. Burlakova, K. M. Khallov, L. A. Lanskaia. Gidrobiol. 2hut. 2 no. 6:26-

Law of viscoplastic body filtration through a porous medium (with summary in English). A M. Cunkin. Koll zhur 23 no 3 350-351 My-Jc '61.

Noncioth filters for purifying white petroleum products, K. V Rybakov, Transp i khran, neftr raefteprod, no. Il

Sectional filter for pouring petroleum from tank cars I, B. Kheifets Neft. i gaz. prom. no 5,49-50 S-O 66.

Use of filter fabrics made from synthetic fibers, V.A. Zambrovskii, Sakh. prom. 41 no. 1.18-21 Ja 167.

Use of perlite for the filtration of refiner's syrups, N. M. Fedotov. Sakh, prom. 41 no 127-29 Ja 167.

### FINANCE

(see also subdivision under Bryansk Province; Communist countries; Czechosłovakia; Estonia; Uzbeklatan)

In the Collegium of the Ministry of Finance of the U.S.S.R. Fin. SSSR 40 no. 12.89-90 D '66,

Methodological instructions on transferring enter prises, combines, and branches of industry to the new system of planning and economic stimulation Fin. SSSR 41 no 1:71-96 Ja 67.

[Plan, husiness accounting, incentives] Plan, khozras-chet, stimuly Moskva, Ekonomika, 1968. 356 p. Year of labor exploits. Fin. SSSR 10 no. 1213-6 D 466.

FINANCE—LAW
Problems in international financial faw. M. Weralski, T. Nagy, N. Vachev. Sov. gos, i pravo no, 1-63-68
Ja '67.

FINANCE—PROBLEMS, EXERCISES, ETC.
Gordienko, A.S., and I.O. Lelvi. [Collection of problems on financing and issuing credit to state commerce] Shornik zadach po finansirovanilu i kreditovanilu gosudarstvennoi torgovii. Kiev, Tekhnika, 1965. 180 p.

FINANCE-STUDY AND TEACHING

(see also subdivision under Moscow)
Improve the training of specialists in finance and credit.
G. Tatsii. Fin, SSSR 40 no. 12:21-27 D '66.

FINANCIAL EMPLOYEES
(see also subdivision under Kalinin Province)

In the Collegium of the Ministry of Finance of the U.S. S. R. Fin. SSSR 41 no.1;69-70 Ja '67.

#### FINANCIAL STATEMENTS

Balance sheets of Soviet enterprises N. Veitaman. Buklig uchel no.12,25-31 D

### FINISHES AND FINISHING

Recent developments in the minishing of leather soles. F. M. Shabacv | Kozh robuv prom | 8 no 11,30-31 N 66

### FINLAND-FOREIGN RELATIONS-RUSSIA

Effective carillion, letters from Helsinki D Ershov, No., viem 25 no 5 16-17 Ju 167,

### TINLAND-POLITICS AND GOVERNMENT

Pifective coalition, letters from Helsinki D Ershov Nov vrem 25 no 5:16-17 Ja *67

FINN, KONSTANTIN, pseud. see Khallin, Konstantin Iakovlevich, 1901-

#### FINNO-UGRIANS

At the sources of the ethnic history of the Funno-Ugrian tribes, PN Tictiakov Sov.etn no. 2,76-93 Mi-Ap 161.

#### FIRE PREVENTION

Bogdanovich, F.A. [Fundamentals of fire prevention in the pent industry] Osnovy protivopozharnoi tekhniki v torifanoi promyshlennosti. Minsk, Vysshaia shkola, 108 p.

#### [MICROFILM]

Strizhevskii, I. I., and V. F. Zakaznov. [Industrial fire damping devices] Promyshlennye ogneprograditeli. Moskva, Khimila, 1966, 150 p.

### FIRE PREVENTION-LAWS AND REGULATIONS

Sinckard in esafety regulations for apartment houses, administrative buildings, hostels, hotels, and private garages | Tipovye pravila pozharnoi bezopasnosti dia zhillykh domov, administrativnykh zdanii, obshchezhitti, gostiniis i individual'nykh garazhei. Moskva, Strotiz-da 1508, 550 cm. dat, 1966. 15 p

FIRE PREVENTION—TECHNOLOGICAL INNOVATIONS Tuanov, A.V. Efficiency promotion and inventions in fire prevention! Ratsionalizatsila i tzobretatel stvo v neglecular inches pozharnoi okluane. Moskva, Stroitzdat, 1966 87 p

#### FIREBRICK

Effect of certain technological factors in orygen-blown convertet smelting on wear of periclase-spinel bricks, S I Lifshits, V.I. Entin. Ogneupory 31 no. 12:27-32 D 166.

High-density refractories for blast furnace shafts on a Novosciitan kaolin base S. A. Zhikharevich and others, Ogneupot y 31 no 12:1-5 D 166,

Using silica refractories in steel pouring ladies. V.D. TSigler, V.L.Bulabh Ognoupory 31 no. 12 32-34 D 166.

### FIREBRICK-TESTING

Performance of periclase-spinellide brick in electric steel smelting furnices M.N. Kalbicheva and others. Stal* 21 no. 11:992-995 N. 161.

FIRYUZA (TURKMENISTAN)—MINERAL WATERS
Effectiveness of treating diseases of the peripheral
nervous system with mineral water from well 1-g of the
l'uyuza Pass V. A. Kirvonogova, L. N. Kaparova, Frudy
Turk, nauch, 1-sk, inst, klim, , ku, i fiz, netod, lech,
8;20-25-166.

8;20-25 '65, Minoral waters of the Firyuza Pass based on deep pro-pect data. A.I Shapiro, V.A.Krivonogov, IU.V. Cherniavskaia Trudy Turk.nauch -issl, inst. klim., kur. 1 fiz metad. loch. 8;13-19 '65,

## FISH, CANNED

(see also subdivision under Makhachkala)

Changes in properties of sunflower seed oil in frying fish for causing A. V. Utiumova-Malova, A. A. Ver-shiman. Vop. pit 25 no. 6,54-57 N-D 166.

Mechanized assembly line for canning salt (spiced) small fish glass containers, V. Fisik Ryb. khoz, 43 no. P 69-70 '67,

Method of canning food, for example, meat and fish. A. I. Barmash, T. N. Polataev, Shor. izobr. v i yb. prom. za 1961 g. 10-41.

Device for cooling fish on fishing ships. S.IA. Makent-tskii and others. Shon. izobr. v. ryb. prom. za 1961 g. :49-50.

Some technological problems of keeping fish in refrigerated seawater. A 1. Piskarev and others Ryb. khoz. 43 no 1 60-62 467.

## FISH, SALT

Method of dry salting of fish, for example, harring. K.K. Bude, B.I. Shlimovich Shor.izohr.v ryb prom. za 1981 g.:33-34.

### FISH CULTURE

(see also subdivision under Gorkly Reservoir) Kukhar', I.I., and others. [Fish farm] Rybovodnaia ferma. Moskva, Kolos, 1966 77 p

# FISH CULTURE—EQUIPMENT AND SUPPLIES

Device for remote delivery of tagged figh into a body of A. I. Goshcheveldi Shor izobi v 13b. prom 11 1961 g :4-6.

Method of mixing fish eggs in the process of their insubstion in the Wels apparatus. A. V. Kuznetov Shor. izobr viyb prom va 1961 g :3-1

#### FISH FILLETS

Fish fillets from smoked cythish, 10 M Dunitov Rich khoz, 43 no 1.63-65 167

FISH INTRODUCTION see subdivision under Karella

FISH POPULATIONS see subdivision under Kuybyshev Reservoir, Rybinsk Reservoir, Volga Reservoir

FISH PROCESSING PLANTS—EQUIPMENT AND SUPPLIES Device added to a fish sorting machine. N.N. Antipor. Shor izobi vivb prom. 2a 1961 g :30

Device for glazing fish and other products in block r. S. IA. Mekenitskili. A. L. Nitochkin. E. A. Popyrin Sizobr v ryb. prom. Za 1981 g. 38-10

Machine for dressing fish, for example, goby. I. A. Kochkin. Shor, izobi v ryb. prom. za 1961 g.: 34-37

Mechanized assembly fine for canning sait (spiced) amili-fish glass containers. V Fistk. Ryb khoz 11 no t 69-70 167.

Method of dressing fish I. A. Kochkin. Shor . 170bi 4 13b.piom. 78 1961 g '41

Method of separating the heads of salmen and a device for it. N F. Chernigin, P. N. Polarkov Shor, Lobert 1916. prom. za 1981 g. 41-43

#### FISH TAGGING

Device for remote delivery of tagged fish into a body of water A. I. Goshchevskii Shor izobi v ryb prom 72 1961 g :4-6.

Method of placing a tag on fish. A. I. Goshchevskii. Shor.izobr v ryb prom. za 1961 g. 17

Results of bream togging in Gorkly Reservoir. A.G. Poddubnyi, Trudy Inst. biol. vnutr. vod. no. 10:219-271

Results of bream tagging in Kuybyshev Reservair. I.V. Sharonov. Trudy inst. biol. vnutr. vod. no. 10*255-200

Survival of tagged fish and preservation of taga. A.G. Poddubnyl, L.K. Illina. Trudy inst. blol. vmtl. vel. no.10/267-271 [66]

(see also subdivision under Atlantic Ocean; Azerbaijan; Bratsk Reservoli; Europe, Westein; Kaliningrad Province; Kamehatka; Latvia; Ostanbkov District; Peipus, Lake; Pskov, Lake; Ukraine)

Fish stock and distribution in world ocean. G. V. Martir-gen. Trudy VNIRO 60:016-124 '66. Fishing results in open reaches of reservoirs by right t.

A.G. Poddubnyi, N.A. Gordeev vnutr. vod. no.10:229-241 166. Trudy last, blob.

Year of the October anniversary A. Ishkov Ryb, bloo-43 no. tt2-5 167

FISHERIES-ECONOMIC ASPECTS see subdivision under Soviet Far East

(see also subdivision under Black Sea region) Foreword, Trudy VNIRO 60:9-10 '66,

FISHERMEN see subdivision under Senegal

## FISHERY LAW AND LEGISLATION

List of basic international agreements on problems of fisheries, S.G. Fedorov, Ryb, khoz, 43 no 191 95 67.

### FISHERY PRODUCTS

Structural and mechanical properties of fish stuffing vapaste, L.P. I evanidov, Ryb khoz, 43 no. 1 65 69 \$67.

### FISHERY PRODUCTS-CONTAINERS

New economic containers and packing materials for fishery products. A. G. Gaziev. Ryb. pi on. 10 63 15.

FISHES see subdivision under Barents Sca; Casplan Sea; Indian Occan; Kuybyshov Reservoir; Rybinsk Reservoir; Syr Darya; Tillis Reservoir

### FISHES-BEHAVIOR

Some physiological problems of schooling behavior in figh. G.A. Maliukina. Trudy VNIRO 66:201-211 '66.

Some problems of fish behavior. M. P. Aronov. Tru'; VNIRO 60:169-199 '66.

## FISHES—DISEASES AND PESTS

Methods of determining time of asphyxia in fish. A.V. Fotiev, Trudy Inst. biol, vautr. vod. no. 10:341-345

#### FISHES-LIGGS

- Devouring eggs of phytophilous fishes by predators in natural spawning grounds of Rybinsk Reservoir L. K. Wina. Trudy Instable, and rook no. 10 45-50 466.
- Tew device for counting eggs of fishes and aquatic nevertebrates. A.G. Poddubnyl, G. IA I ambrigs, V. M. Volodin. Trudy Inst. biol vnutr. vod. no. 10 346-
- 345 66.
  State of spawning stock and fish reproduction in cheremshan and Suskan Bays of Kuybyshi v Reservoir V M. Chikova, Trudy Inst, biol, yout, yod, no. 10 29-45 166.

### FISHES-EMBRYOLOGY see Embryology-Fishes

### FEHES-FOOD

- (see also subdivision under Ryblusk Reservoir: Yana River)
- Age-velated and local changes in food composition of pike in Rybinsk Reservoir, M.N. Ivanova Trudy Inst. biol. vautr vod. no. 10 111-116 466.
- Change in the growth of haddock of Barenta Sca in relation to fined supply. N \, Rhaldinov a Trudy VNIRO 60-257-270 lbc.
- Determining the optimum concentration of food for bream larvae, with the help of radioactive carbon C¹¹, D.A. Panov, 10.1, Sorokin, Trudy Inst, biol vanta, vod, ps. 10.108-110 [166].
- Feeding habits of larvae of pike, bream, and reach O I Kudrinskaia, Gidrobiol, zhur 2 no. 6 58-71 166,
- Replacing concent; ated food by equatic vegetation in raising two-year old carp. T. A. Deeva. Ryb. promno.53;3-10. *60.

### FISHES-GENETIC RESEARCH

Determining heritability of various characters in Hishes G. A. Nemastey, Genetika no. 19400-408 466

#### FISHES-MIGRATION

- Unrigities and migration speed of fishes, dolphins and whalis, V.V. Shulcikin. Trudy VNIRO 60,27-46 166.
- Same results of distance observations on speed of bream and pike porch movements during migration I.E. Permitin. Trudy Inst biol. vaut., vod. no. 10 261-266

### FISHES-PARASITES see Parasites-Fishes

#### FISHES-PHYSIOLOGY

- Change in fish blood composition following prolonged total star vation, L.I.Smirnova, Trudy Inst. biol. vantt. vad. no. 10.284-290 466.
- Filect of alternating current on hematological indices in fish. B. V. Kreinthin, L. I. Smirnova. Trudy Inst. biol. vautr. vod. no. 10 278-263 (66).
- [Morphologic and ecologic analysis of the development of fishes] Morfo-ekologicheskii analiz razvitiia ryb. Moskva, Nauka, 1967. 212 p.
- Role of environmental aquatic factors in fish resistance to phenuls. B.A.Flerov, V.1.Luktianenko, Trudy lant, blol. vanti, voil. no.10:310-330 188.
- *eme physiological problems of achooling behavior in fish. G. A. Maliukha. Trudy VNIRO 60,201-213 '66,
- Variation in relationship between body and acale growth in bream, rosch and pike perch in various reservoirs. L. F. Shentiakova, Trudy Inst. biol. vautr. vod. no. 10 163-101 166.
- Variation in relationship between body and scale growth in local fish populations. L.F. Shentinkova, Trudy Inst, Liol. vantr. vod. no. 10-175-181 166.

### FISHES, FRESHWATER

Sabancey, L. P. [Life and catching of freshwater fish, With a supplement of L. P. Sabancev's "Fishing calendar" | Thirn' 1 lovhia prosnovodnykh ryb S prilorhenfem "Rybolovnogo kalendarin" L. P. Sabanceva. 3.47d. Kfev, Urozbai, 1905, 607 p.

- Character istics of time dynamics in fishing. V N Zho-khov. Ryb. khoz. 43 no. h81-83 '67.
- A family sport? Fishing. Vs. Vasilley. Semila i shkola 21 no. 7,53 Ji 456.
- Fishing in July. G. Sazonov, Semiia I shkola 21 no. 7; 55 Jl '66.

### FISHING-EQUIPMENT AND SUPPLIES

- Device for connecting drift not buoy line and lead line with an automatic discussmention. S. S. Torban, S. I. Pokuliek. Shor, 17 chr. v ryb. pr om. 7a 1961 g.: 17-19
- Device for signaling the presence of fish in nois. A. A. Shahanov. Shor. Izobr. v ryb. prom. za 1961 g. :16-17.
- Device for winding up the buoy line of a string set during fishing IU. F. Zhei ebankov Shor izobi v ryb. prom zo 1981 g.: 20-22
- Machine for hauling drift nots. S. S. Torban and others. Shor. izobr. v ryb. prom. za 1961 g.:11-12.
- Net shaking machine with horizontal arrangement of shaking ropes. IU. E. Prolov, S. A. Chamlakov. Rby. khoz.

### FISHING BOATS

Methods of planning operations for fishing fleet. S. A. Maiorova. Ryb. khoz, 43 no. 1:73-74 167.

- Operational possibilities of floating bases standing on stein fiel. B Drobakha. Ryb. tho. 44 no. 145 007
- Optimum dislocation of rishing ships in occans as related to the time of the year M & Kurnetson Rbs. Phoz
- Ship efficiency promoters A I Degitates Rahakhoz 11 no 146-17 JA7

### FISHING BOATS-AIR CONDITIONING

- Automatic unit for the purification and drying of arr, A G Ionov Sudostrucine 56 no. 12 16-18 D 160
- Opriation of the an-conditioning system of the tunn factory ship "IArkii Luch" A. G Ionov Khol (ekh 43 no 11:15-17 N '66

## FISHING BOATS-EQUIPMENT AND SUPPLIES

- Device for cooling fish on fishing ships SIA, Melenitskil and others. Shor from , wayb, prom za 1961 g. 49-
- Jigs for machining holds in connecting 1045 and bearings for head and crank bolts on boring and drilling machines. I' Klemushin Ryb. prom no. 53,32-37 460.

### FISHING BOATS-MAINTENANCE AND REPAIR

- Michine for gas cutting of corrugated metal sheets in collect hemispheres. F Klemushin Ryb. prom no 53; 27-32 '60.
- Organizing incentive tunds in ship repair enterprises M Vigderovich Ryb, khoz 43 no 179-80 167

### FISHING BOATS-WATER SUPPLY

- Cotting lanks for drinking water or freshwater with KhS-76 Irequer. IU Pazakov Ryb khoz. 13 no 1 37
- Vater consumption norms and choice of the capacity of distillers on fishing boats. G. IA Lukin Sudostrocme 56, no. 12, 14-16, D. 166.

#### FISHING NETS

- Device for stopping a nelmaking machine after a certain length of webbing is made V. V Bochharev. Shor. irobi.viyb.paom za 1961 g. 28-29.
- l'ishing résults in open reaches of reservoirs by ring net. A.G. Poddulmyi, N.A. Goldeev, Trudy Inst. biol. vnutt. vod. no 10 220-241 '66.
- Net metting machine. A.V. Borfsov Shot izobriv ryb ||tonn=zn=1961 g=22-28

### FISSION PRODUCTS

Separation of the contum from the sum of fussion fragments. L.T. Krishukin, N.T. Usacheva Radiokhimita no 6:709-710 '66.

### FISTULA, GASTRIC

Clinical and anatomical characteristics of repeated operations on the stomach, I.IA Deineka khirurgita 38 no, ll 30-35 N 162

### **FLAGS**

Baskahov, D.G. [Blographies of emblems, flags, and anthems of foreign countries] Blografii gerbov, flagov, gimnov zarubezhnykh stran Moskva, Politizdat, 1967

### FLAGYL-THERAPEUTIC USE

Immediate and late results of treating trichomoniasis with flagyl. N.S. Liakhovitskii and others. Sov. med. 29 no.11 96-100 N 166

Casification of dispersed carbon in diffusion flame of natural gas. A. M. IS-bulevskii, Gaz, prom., il no 12 41-43 '66.

### FLASH POINT

Flash points of synthetic and natural odorous substances, perfumes, colognes, compounds, and at omatizers. R V. ignaticva and others. Masi -zhir.prom 33 no. 1.29-32 Ja 167.

### PLAVONES

Phytochemical study of the Russian bedstraw (Gallum ruthenteum). Report No 1. M.I Borysov, IU II Borysluk, Farmatsev zhur 18 no 3:43-47 '03.

### FLAVONES-THERAPEUTIC USE

Clinical evaluation of the effect of lespenephril in chronic diseases of the kidneys L. R. Poliantseva. Sov. med. 30 no.1:92-86 Ja '67.

## (see also subdivision under White Russia)

- Determination of the length of flav fibers. V. V. Gorodov. Nauch. -issl.trudy TSNHLV 22:153-159 '66.
- Effect of preceding crops on the effectiveness of herbicides in oil flav fields, i.V. Borodan, N P Sheherbinin, Khim.v sel' khoz, 5 no 1:14-46 Ja 167.
- Flax is our wealth. P. Golstin. Inform, biul, VDNKH no. 1:27-28 Ja 167.

### FLAX-FERTILIZERS AND MANURES

Effect of compound fertilizers on the yield and quality of the fibers of fiber flav. N.G. Gorodnii. Vest. sel'khoz, nauki ii no. 11:45-48 '66.

#### FLAX-RESEARCH

Plenuip of the section for bust riber crops of the Departnent of the section for base their crops of the bepart-ment of Plant Groving and Breeding of the All-Union leaden, of Agricultural Sciences, V Voronova Vest sellshow marks II no 12 115-147 D [66]

Study or efficient methods for preparing retted flav strat for processing at fla mills "N. A. Khokhlov, L. IA. Braslawskaia Nauch -isel trudy TSNIII.V 22,10-38 '86

#### FLAX PROCESSING MACHINERY

Study of some structural and technological factors in the fiber scutching process. V. V Andreev. I. Masteikiene-Pakallante Nauch -15-1 trudy T5NHLV 22:38-49 '66

#### FLAXSEED

Synthetic liquid instead of flax off. A IA Ryzyanovich. Tick i tepl, tiaga. 10. no. Il 14-15. N. (c.6.

(see also subdivision under Azerbaljan; Moldavia)

Histological characteristics of cogenesis in Echidnophiga oshanini Wagn (Pulicidae, Aphaniptera) V S Vashchenok Zool dar 45 no 12 1815-1825 666

#### FLEXURE

Studying lateral bending of corrugated glass plastic V N Gornov, Stroi, mekh i risch soor 9 no. 1 16-19

### FLIES see subdivision under White Russia

#### FLIGHT-PHYSIOLOGICAL ASPECTS

Interaction of analysors during flight in airplanes and spaceships. V V Baranovskii, M D. Emel'ianov, A G Kuznetsov. Zhur was neiv deiat. 12 no 6 1001-1010 N-D '62

#### FLIGHT CREWS

Increase the activity of trade-union organizations in carrying out the decisions of the July Plenum of the Central Committee of the CPSU. P. Vun'kov. Grazhd. av. 12 no. 10:1-5 O '55.

#### FLIGHT ENGINEERS

An engineer should be an engineer. V Skubilin, A Korz-hov. Av. 1 kosm no 2 55-50 F '87

Strict and careful V Leahkinov, Av. i kosm. no. 2:56-58 F '67.

### FLIGHT NAVIGATORS

How to influence the air navigator. A. Chanyshev. Av. 1 kosm no. 2 66-66 F '67.

### FLIGHT TRAINING

Independent training and improvement courses Av. i Form no 191-53 Ja 167

Is it only the imeness of a flight? D Folomeev "Av i Fosm no. 173-75 Ja 167

(see also subdivision under Moskva River) Elimination of structural defects of the "Bleichert" florting cranes A Strakhov Rech transp. 20 no 7-20-21 Jl '61.

Floating self-propelled crane for channel maintenance operations G,V Shkol'nikov, V I, Savvin Sudostroe-nie 27 no 1:17-20 Ja 461.

Modernizing the turning mechanism of the RMZ floating crane. R. Kirievskii. Rechitransp. 20 no.7:21 Ji 61.

## FLOOR COVERINGS

New 1 offed materials for covering floors on an insulating base. D. P. Airapetov, G V. Silusnova, Stroi. mat, no. 12:35-36 D '61,

Simple, of good quality, economical, IU. Khi ufev. Na stroi. Ros. 4 no 3 is Mr 163.

# rloors

Floors from polymers, how should they be? V.V. Tolma-rov. Stroi, i at khit, Len. 28 no. 6:22-23 Je 166.

# FLOORS, CONCRETE

(see also subdivision under Bulgaria)

Industrial floors for sanitation centers, 1, V. Grukhin, Transp. stroi, 10 no. 3.26-27 Mr '66. Precast solid floors and precast balconies. P.V Toluhaev. Gor, khoz Mosk. 35 no 12:15-16 D '61.

### FLOTATION

(see also subdivision under Kharkov) (and kiso subsivision under ARRKOV)

Dependence of the strength of the flotation frothing action of alkylary; sulforates on their composition and structure, G. N. Nazarova, A. M. Okolovich, TSvet, met. 33 no. 39-15 Mr ⁴⁶⁰.

Nonsuffated compounds as auxifiary adsorbents in the flotation of iron oxides. F. N. Belash, O. V. Pugma, I. K. Getmanskii Trudy NIISZHIMSa no. 2:100-108

Searching for correlation equations during flotation processes E. A. Ivenov. B. I. Revazashvili Izv.vys.ucheb zav.; gor zhur. 8 no.10;143-147 65.

Selective flotation of the organic substance in coal. P. S. Migulia. Ugol Ukr. 6 no. 12-15-19 D 162.

#### FLOTATION-EQUIPMENT AND SUPPLIES (see also subdivision under Olenogorsk region, Murmansk Province)

If frozent reagents for coal flotation 1. Kovachev and others.  $W_{\rm pol}^{-1}/42$  no 1 by 71.  $V_{\rm b}^{-1}67$ 

influence of the type of Irm additives upon floculating action of polyary limid. G.B. Dehtsyn: Ira., 5 ucheb zar, got zhui. J. no. 9.175-178. [65]

Ways of regulating flotation activity of reagent-collectors for oxidized minerals. M. M. Sorokin. Prv. vys. ucheb zav., gor. zhar. 8 no 10 155-hal. 165.

FLOUR

Defination of standard participant flour weight in suffing operations. R Bogomod'nsi Mut -cles proin 26 no. 3 27-28 Mr. 750

### FLOUR MILLS

(see also subdivision under Azerbaijan, Belgorod-Dnestrovskiy, Ukraine, Omsk)

Ner regulations for the organization and introduction of technological process at flow mills. P. Larutin and others. Mil--eler prom. 33 to 115-19. Ja. 67.

Work of enterprises under new conditions in the Russian Federation O Bezzodnata, I Markhewka, Muk-clev prom 33 no 15-7 Ja (h)

FLOUR MILLS-EQUIPMENT AND SUPPLIES see subdivision under Mingorod (Ukraine)

#### FLOWERING TREES

Takhtadzhian, A.L. [Systematics and philogeny of flower-ing plants] Sistema i filogentia tsvetkovykh rastenii, Moskva, Nauka, 1966. 610 p.

#### FLOWERS

(see also subdivision under Abkhazia)

Takhtadzhian, A.L. (Systematics and philogeny of flower-ing plants) Sistema i filogentia tsvetkovykh rastenii. Moskva, Nauka, 1966. 610 p.

#### FLOWMETERS

Device for measuring the flow of natural gas O P Ostrovskii and others. Ogneupory 31 no 12 49-50 D *66

Measuring vater discharge in the pipelines of pumping stations by induction flowmeters. A M Gribovekii, V M. Zaitsev, A V Podlasov. Gidr i mel. 19 no 170-71 Ja 167

### FLOWMETERS-TESTING

Results of the operation of an electromagnetic flowmeter on coal pulp L P Dikmarova Ugol' Ukr 6 no. 12 20-21 D 162,

### FLUE GASES

Determination of carbon monoside content in flue gases and heat loss due to chemical incompleteness of natural gas combustion. N. A. Esisin, 1. A. Ishkhanov, Gaz, prom. 11, no. 12, 30, 466.

### LUE GASES—ANALYSIS

Kozhukh, V.M., N.N.Temnokhud, and N.P.Ontshchenko.
[Automatic gas analyzers in blast furnaces] Avtomaticheskie gazoanalizatory na domennykh pechakh Moskva, Metallurgiia, 1967. 72 p

### FLUE GASES-TESTING

Device for the continuous control of the composition, temperature, and pressure of gas along the cross setion of a blast furnice, Stall 21 no. II 978 N 161,

### FLUID DYNAMICS

Calculation of convective heat transfer at supercritical pressure. N.1 Meilk-Pashaev. Teplofiz.vvs.temp. 4 no. 5853-964 N.D 165.
Errors in measuring flows from a vortey source using sondes. G.V. Viktorov Energomashinostroenic 12 no. 11 1-7 N 166

Flow of liquid films on a vertical surface. L. IA. Zhivaikin, B V Volgin Zhur prikl khim 31 no 6 1236-1243 Jc 161

Motion of a viscoplastic mass between two coaxial cor M. B. Sugak, Inzh. -fiz. zhur. Il no. 6:802-808 D '66

Pressure fluctuation and heat transfer to a wall in the fined jet M S nsp no 6,115-

> f temperature flow. A.S. 14-557 Ja 67. shifting, IU, I'. N Uz SSR, Ser,

L. I. Ilizarova.

pseudofluidized le. N. N. Prokhor. 12 no.1:62-67

ocess of fluidiza+ A. Fiklin, i no. 11:33-37

E. Ogarev, N. I., 11 35-38 N '66

Fluidized hed technology used in alkylation. S. A. Sultanov, IU G Mamedaliev, A.B Terterian Short ud Ar NII RP no 3 296-305 158,

Hydrodynamics of a fluid-bed catalyst under pressure. I P Mukhlenov and others. Zhur, prikl, bhim 34 no 6 1181-1185 Jc '61

Periodic mising of components in the manufacture of chemical poisons in a mi et with fluidized brd. A, G Fomiche, V.D. Gvozdev, lzv.vys, ucheb, zav, khim i khim, tekh. 9 no 5/631-835 166

telation between the first stage of fluidization and theological transfermation in a bed of solid free-flowing material. I.G. Martinshin, V.V. Kharakoz. Izv. vys ucheb. zav. khim i Phim, tebb. 9 no 5 827-830 466. The mocentact pyralysis of petroloum stock in combined system consisting of reactors of rising flow and fluidized bed. B. V. Lrofeev. IU. G. Egiazarov. Nefteper in actickhim. no. 8 29-33 468. The shold value of the heat transfer confirmation. Relation between the first stage of fluidization and

The shold value of the heat transfer coefficient of a moving layer and fluidized bed B V. Berg, A P. Baskakov Izv. IN SSSR Preig i transp no. 6 108-Baskakov I. II4 N-D '66

### FLUOBORIC ACIDS

Some electrochemical properties of titanium in solutions of fluoboric acid F K. Andriushchenko, 1, E Vlascnko Zhur priki khim 34 no 6 1266-1270 Je 161

### FLUORAMIDE-THERMODYNAMICS

Calculation of their modynamic functions of chlor ediffuoramine nd diffuoramine D. N. Moskvitina Vest. Mosk un. Ser. 2: Khim 21 no. 6:110-113 N-D 166.

#### FLUORENE

Preparation of 0,9-di-(\$-cyanoethyl)-fluorene and its dei watives from commercial fluorene A.E. Kictov, A.E. Okhramovich, Zhur prikl khim 34 no 6 1386-1389 Je '61

### FLUORESCENCE

Yield of anti-Stokes fluorescence, L. Kozma, J. Hevesi. Opt. 1 spekti. 21 no. 5 650-651 N 166.

### FLUORESCENCE MICROSCOPY

Fluorescence method for the diagnosis of the damages of pine caused by root fungus E. I. Ladeishchikove Trudy KIISKHI 56:144-146 | 66.

Methodology of the microspectrofluorometric detection of boron in barley caryopsis. V. M. Iniushin, G. U. Il'ia-sov. Vest, sel'khoz, nauki (Kazakh, ) 10 no. 1-116-118 Ja 167.

Use of fluouscence microscopy in the detection of early changes in peripheral blood under the effect of ionizing radiation L.A. Leshchinskii, V.V. Trusov, F.V. Lavrent'ev Med rad, 7 no 10 32-35 O '62,

### FLUORESCENT ANTIBODY TECHNIQUE

Possibility of detecting antibodies in acra of infected patients by means of the immunofluorescence method V. A. Khi ushchova, Sh. G. Maiants, M. D. inkhova Zi miki obtol., epid., immun. 44 no. 1:127-113 Ja 107 Zhu

Hydrogen peroxide in hypofluorination reaction. L.S. German, G.G. Belen'kii, I.L. Knuniants. Dokl. AN 959R 171 no. 6:1333-1336 D '66.

 $\omega$  -Phenylperfluorootefins and  $\omega$  -phenylperfluoroalkanoic acids. I. L. Knantants, V V Shokina. 17v. AN SSSR, Ser, khim. no. 174-78 Ja *67

Some polyfluorinated enynes. 1 L. Knuniants, F. IA. Petvova Izv. AN SSSR, Set. khim. no.1.71-74 Ja 167.

# FLUORINE-PHYSIOLOGICAL EFFECT

State of mucous oral cavity in children residing in foci of endentic fluorosis. A. A. Akhmedov. Azerh, med. zhur 43 no. 12:8-15 D '66,

### FLUORING-SPECTRA

Spin-spin interaction of fluoring nuclei in nuclear magnetic resonance spectra of some fluorestyrenes N. M. Sor-geev. N. N. Shapetiko, G. V. Timofeiuk Teoret i eksper. khim. 2 no.5:704-708 S-O '66.

### FLUORINE ORGANIC COMPOUNDS see Organofluorine compound

### FLUOROCARBONS-SPECTRA

Analysis of electron paramagnetic resonance spectra of fluoroca bon radicals in irradiated tetrafluorocathylene. V.I. Muromtsey and others. Tooret. i eksper. khim. 2 no. 5;679-684 S-O '66.

### FLHOROMETRY

How much substance has a cell? Inform, biul, VDNKH no.12;35 D '66.

### FLUORSPAR

(see also subdivision under Azov Sea region, Kazakhstan; Transhaikalia)

New data on dependence of crystal form of fluorite on formation conditions. R. Z. Arkhipchuk, A. A. Lokei man Min. sbor. 20 no. 4.602-605 186

### FLUORSPAR-GROWTH

Coloration of fluoritic crystals during growth, V.M. Retterov, Z.N. Korneva, Opt. i spektr, 21 no. 5: 583-587 N 166.

### FLUORSPAR CRYSTALS

Direct of the processing method on the planticity of it.
(1) stals of rock salt, solvite, lithium through and
literate. A V Nechat, A V, Felomecv. Opt. and
prom. 33 no. 12 31-33 D 466

### FLUORSPAR CRYSTALS-OPTICAL PROPERTIES

Photos eduction of TR3+ TR2+ in fluority a yearship & a Kaminskii, V. V. Ostkoj. M. M. Pursikov. Ph. C. Zhar eksper i teoret, fiz. 4 no. 192-46. Ag. 166

### FLUTTER (AERODYNAMICS)

Nonlinear flutter of plates, V. G. Kotrukov, Vent Moss, un Ser. 1 Mat., mekh. 22 no. 189-93. Ta 3 26.7

### FLY ASH

Amount and composition of its and during itself inelling in basic electric nutraces - V, F Latsenko, P X Umrikhin - Izv, vys, ucheb zuv., chern inel. - Id | n + 1 | d0 + 13 | 44 |

### LOV W

FOAM

Diffect of temperature on the kinetics of the extraction of mixed colloidal heavy metal for or yanide a with 14 1 m foam [with summary in English]. L. D. Skirjev, 11 Mokrushin Koll zhui 23 no. 3, 303-305 My-1 123

### FOAM RUBBER-CONGRESSES

First Me-Union conference of the workers of the prof. tion of foamed goods from Intex V N, Provona Kauch ine 25 no. 12 49-50 466.

### FOLDS (GEOLOGY)

Most important characteristics of the genetic West of folded structures of the geosynchrical areas V V Bronguleev Bird MOIP, Old goot, it no illiga

### FOLK DANCING see subdivision under Yakuti :

### FOLK LITERATURE, MORDVIN

Nauchno-jesledovatel'skii institut iazyka, literainy, lstoril i ekonomiki, Saransk, [The oral poetry of the Mordvin people] Ustno-poethekeskoe tvorchestvo mucadovskogo naroda, Saransk, Vols, 1-3, 1963-1966, 3 v, (Mil)

FOLK SONGS see subdivision under Bayansk Province

#### FOLKLORE

Gusey, V. E. [The aesthetics of folklore] Patrika folklore, Leningrad, Nauka, 1967, 317 p.

### FOLKLORE, SLAVIC

Problems in studying the common character jetts a ct tifolklore of Slavic peoples. IU, I. Smirnov. 50% at 1.7 no.1:32 -41 107

### FOMES

Blochemical Indices of pine in connection with the casts tance to root fungus. E I Ladeish bikova, A.I.P.A. gailo, Trudy KHSKHI 56 136-143 '66,

Fluorescence method for the diagnosis of the datas to pine caused by root fungus, E.I.I.adeichthikov v Trudy KHSKIII 56:144-140 '66.

Administration of drugs in relation to the time of 6 of intake. F. P. Trimus. Farmatsey, than 17 (10, 1) to 23 (62)

Sepre, O., and others. [Consumption of the most important food products in our country and abrevel] Tableamate toldualnete tarbimine med fa majut Tallinn, Eosti Raamat, 1966. 71 p. [In Estoni in]

### FOOD, CANNED

Device for opening glass cand with sended lids. V A. Andreev. Shor. icob. v ryb. prom. za 1961 g. r/1-M. Method of pasteurizing conned food in glass court said; with motal lids. F. I. Kogan, V. P. Petkeyfeli, A. I. Popovich. Shor izobr v ryb. prom. za 1961 g. ////

Photometric method for the quantitative determination of tin in food products, for example, in canned fact, V, P Sagakova, A, I, Liubivaia. Shot, iz obraviyb. panen 24 1961 g. :48-49.

### FOOD, CANNED-PACKAGING

Sterilized and pastourized products packaged in sharing tubos, N.V. Starodubisev and others, Kons. 1 10., pr. 17 no. 3:9-11 Mr. 162.

### FOOD, CANNED-PACKING

Boves for packing products in chose-board order. 3.F. Demikhovskii. Kons. i ov. prom. 17 no. 3 21-22

Device for putting food cans in cases. N. I. Mant. there is obreveryb, prome va 1961 g.:82-84.

### FOOD, CANNED-STERILIZATION

Scientific conference on the heat treatment of fool products, S.G. Ilichenko, Kons. i ov. prom. 17 no. 3:41-42 Mr 162.

### FOOD, CANNED-STORAGE

Change in the quality of mixed meat-vegetable ranned foods during prolonged storage, P. V. Kundle, N 19 Vanechkina Kons. i ov. prom. 21 no. 12 20-30 19 33

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Daylee for cooling fried vegetables, fish and other products. A.S. Zhvaleval-li Shor izohi viyb prom za 1961 g. :43-46

### FOOD, FROZEN

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### FOOD ADDITIVES-TOXICOLOGY

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### FOOD INDUSTRY

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### FOOD INDUSTRY-BY-PRODUCTS

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### FOOD INDUSTRY-CONGRESSES

All-Union Conference of the Food Industry Workers, Masl ~hu.prom. 32 no.11 4-6 N 46b

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# FOOD INDUSTRY-EQUIPMENT AND SUPPLIES

Food Industry Workers! Day, Khol tekh, 43 no.11:1-2

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## FOOD INDUSTRY—EXHIBITIONS

International exhibition "Improdmash - 67." Form, i spirit prom. 33 no. 1 43-44 '67.

FOOD INDUSTRY—FINANCE
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### FOOD SUPPLY

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#### FOOT-DISEASES

Sosars, V. [Diseases of the foot] Pedas slimibas, 2., parstradats izdevums, Riga, Liesma, 1965, 65 p. (Veschlus biblioteka) [In Latvian] (DNLM)

Freatment of epidermophytosia in an immers eithout discontinuing their training in a swimming peol A S Vainshtein. Teor i prak, fiz Ful't 22 no. 12 54 D '60.

### FOOT-TRACTURE

Open (nongunshot and gunshot) hactures of the foot and their treatment. I. L. Krupko, M. N. Farshato, II Glebov Ortop, travm. 1 protez. 27 no 12:8-12 D

### FOOT-RADIOGRAPHY

Three cases of mycetoms of the foot; on the X-ray thm acteristics of osseous changes. N. M. Dikodev. A. M. Chistlahov. Vest, rent, i rad. Il no. 5-83-86 N-D '66.

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#### FORAMINIFERA

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### FORCE AND ENERGY

Tikma, Borls. [Use of a theorem on kinetic energy in the dynamics of a system] Kinecthise energia teoreem susteemi dunaamikas. Tallinn, Tallinna Polutehniline Instituut, 1965, 36 p. [In Eatonian]

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### FOREIGN EXCHANGE

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Effect of birch on the growth and productivity of spruce in plantations. A. J. Skavysh Izv. vys. ucheb zav., les. zhu. 0 no.6:28-31 '66.

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Some that acter faties of the seasonal development and growth of oth seedlings in the biogeocenosis of southern taiga P P Treskin. But zhur. 51 no.12 1740-1748 D '66.

Some theoretical formulations in forest typology and their use in forest management L.B. Mathatodze Soob in Graz SSR 27 no 2 187-193 ig '61

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### FOREST MACHINERY

Machanization of forest management operations. D. T. Kovalin. Vest, sel'l-hoz, nauli li no. 11, 21-27 '66,

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FOREST MANAGEMENT-LABOR PRODUCTIVITY see aubdivision under Khyastovichi region (Kaluga Prov-

## FOREST NURSERIES

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Use of serial photographic surveying in searching for and designing of roads, S. V. Belov Sbor, nauch, -issl, rab, poles, khoz no. 6:121-178 '63,

### FOREST SOILS

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Characteristics of the structure of sods and changes in the physical properties of solls with excessive moisture after plowing. I. V. Kosyleva. Sbor, nauch -isal, rab poles, Phoz. no. 6:228-247 '63.

Effect of birch stands on soil properties P. P. Ragavy, IA. S. Raptunovich Vestsi AN BSSR Ser, bital nav no 4:52-58 166.

Genesis of the second humus horizon in gray forest soils of Krasnoysrsk Territory, F. M. Naumov. Pochvovedenie no. 3:59-64 Mr *60.

### FOREST SOILS (Continued)

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FORESTRY RESEARCH see subdivision under Aichangel Province

### FORESTS AND FORESTRY

(see also subdivision under Siberia; Soviet Central Asia, Transcaucasia)

[Economics of forest management of the U.S.S.R.] Ekonomika lesnogo khozialstva SSSR. Pod red. P.V. Vasil'eva 2., dop.1 petet. izd Moskva, Lesnala promyshlennost', 1965. 378 p. (CSt-H)

ter data on forests and forest resources in the world, I.I. Gurvich, Shor nauch -issl rab, poles khoz no 6.54-68 '63

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### FORESTS AND FORESTRY-CONGRESSES

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### FORESTS AND FORESTRY-MENSURATION

Determining the lateral surface of tree stems and total sun faces of stems in a forest stand V.G.I broshenich [25. vys. ucheb 2av , les zhui 9 no 6.41-43 feb

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Growth of oak on grey forest soils and under shelterbelts of the Chernyy Les A. A. Shabarov Izv vys. ucheb. zav , les zhur 9 no 6.35-37 '66.

Measures for improving the precision in the valuation of forest resources. A G Moshkaley, A F, Elizarov. Sbor, nauch. -issl. rab, poles khoz. no. 6 69-82 '63.

Relation of the average thickness classes of logs to the height categories and thickness degrees of a stand. Z. N. Bratoeva, T. F. Martynikhina. Izv.vys.ucheb zav; les zhur 9 no.6,44-47 '66.

Results of experimental working of test areas in establishing the cutting age of stands L. N. Erofecv Sbot nauch, -issl, rab poles khoz no. 683-91 '5d Voropanov, P. V. [Lectures on forest evaluation] Lektsii polesnoi taksatsii. Briansk, Brianskii tekhnologicheskii in.

po le: in-t.

Pt. 3. [Evaluation of forests] Taksatsiia massiva, Book 2, 1965, 473 p

p-ks

ı vnedrenie progressivnykh zagotovok na predpi ilatilakh Latviiskoi SSR, po materialam tematicheskoi vystayki. Riga, Latviiskii respubl. in-t nauchno-tekhn. mforma-tsii i propagandy, 1966. 23 p.

### FORGING

Center of deformation during finish forging, K.K. Mer-tens. Trudy LPI no. 260.93-97 '65

betermining stresses in unsetting a thick strip with external zones in conditions of three-dimensional forming. V. V. Eriklintsey, I. IA, Farnovskii, V. L. Kolmogorov, Izv.vys. ucheb. zav., chein, met. 10 no.1:92-97 '67.

Distribution of normal stresses on contact surfaces during upsetting of thin bodies, P. F. Ivanushkin, V I Doroshko, 12v, vys, ucheb 7av, , chein, met. 10 no 1 98-103 167.

Effect of the properties of steel on its suitability for cold heading. A. N. Gladkikh. Stail 21 no il:1030-1032 N 61.

Problems of the technology of rotary forging, N.F. Zverisev. Trudy LPI no. 260.75-81 '65.

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### FOUNDATIONS

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Deformation and strength of clay foundation bed under rigid stamp. Lekvi An. Trudy MIIT no. 240:46-50 466.

Digging foundation pits by excavating soil cores, Libbreh and others. Prom. stroi, i inzh. 2007. 8 no. 6:6 N-D

Distribution of stresses and displacements in clastic layer with free surface resting on rigid foundation bed during internal action of point loads. O. I.A. Shekhter. O. C. Prikhodchenko. Sbor. NIIosn. no 56:12-35 | 166.

Driving pites involving boring frozen layers IV. Chubrrov. Na stroi Ros. 5 no 3,29 Mi '61

Engineering analysis of results of carthquake on April 26, 1966 in Tashkent, I I, Bubis, Osn., fund, i mekh, grun, 8 no. 5 25-28 '66

Gorbunov-Posadov, M.I. [The present condition of the scientific fundamentals of foundation construction] Soviemennoe sostolanie nauchnykli osnov fundamento-stroeniia. Moskva, Nauka, 1867. 66 p.

Gurevich, D.E. [Organization of subsurface (preparatory) operations using completely mechanized sectors, experience of the "Mosfundamentatro" trusts Nos.1 and experience of the "Mostundamentstrot" trusts nos. 1 um 3 of the Glavmosstrol] Organizatsila rabot podzemnogo (mulevogo) tsikka silami kompleksno-mekhanizirovan-nykh uchasikov; opyt trestov "Mosfundamentstroi" NoNo.1 13 Glavmosstrola. Moskva, Stroiizdat, 1086.

### [MICROFILM]

The Institute for Foundations and Underground Structures, R. V. Serebianii, Izv. ASIA no. 3 133-134 '61,

Organization of concreting operations in erecting the slab foundations of reduction pots. I. M. Aranovskit. Prom. stroi. 39 no.12:9-12 '61.

### COUNDATIONS—ELASTIC PROPERTIES

Considering mettra of clastic foundation belong particles on forced with them of plates and beamer, A.S. I.W. Strot mekh 1 trisch soor = 9 no. 1.44-40.46.

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Divergence of komies series of almost perholic f. F A. Bredikhina Dokt AN 895R 171 no 1711 for D 166.

New form of I our fer series and selecting the best File. rier polynomida. A. L. Vaindiner. Zhur yych a d 1 mat. fiz. 7 no. 1444-485. Ja-b. 1844.

Relations between certain upper bounds in the the error houses service an apper sound in the theory of the numeration of double interpolation polynomy of a bounter series, V.H. Ponomarento — Dop ANUIL II no 7 843-815 [62].

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Gricher, I.G. [A meeting with Marianne] Sylvatics
Mariannol. [Moskva, Molodain gyaxdiia, 1905] 38 p.
(Roysmik shagaet po planete) (MII)

### FRANCE—ELECTRONIC DATA PROCESSING - HAIL ROADS

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### FRANCE-HEMATOLOGY

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# FRANCE-HISTORY

Borisov, IU.V. Recent history of France, 1917-1944 Novelshain istorita Frantsii, 1917-1994. Moskva. Prosveshchonic, 1990 254 p.

### FRANCE-INDUSTRIES, LOCATION OF

The policy of decentralization of Paris and its icsuits, A. F. Sinks - Vert Mosk on Ser. 5 Grog - 16 no 1 A. F. Stuka Ver 31 46 [3-F 961

### FRANCE-IRON INDUSTRY

Pavlov, TU.M. [French steel monopolies] Frantsuzskie stallnye monopolit Moskva, Nauka, 1968–206 p

### FRANCE-LABOR AND LABORING CLASSES

Gurrich, S.N. [The labor movement and the Left Bloc in France, 1921-1926] Rabochee dvizhenie i levyi blok vo Frantsii, 1921-1926. Moskva, Nauka, 1966, 195 p.

### FRANCE—POLITICS AND GOVERNMENT

Gurvich, S.N., The labor movement and the Left Bloc in France, 1921-1926] Rabothee dvizhenie i levyl blok vo Frantaii, 1921-1926. Moskva, Nauka, 1966, 195 p. Irag-range aims. S. Zykov Nov. vrem. 25 no.10 21-22 Mt 167.

### FRANCE-ROAD CONSTRUCTION

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#### FRANCE-ROAD MACHINERY

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### FRANCE-STEEL INDUSTRY

Pavlov, IU.M. [French steel monopolies] Frantsuzskie stal'nye monopolit. Moskva, Nauka, 1986. 206 p

#### FRANCE-STEEL INDUSTRY---FINANCE

A new program of French metallurgy, K. Borlsova, Mir, ekon, I mezhdunar ota, no 1422-121 467

### FRANCE-STRIKES AND LOCKOUTS

A waining from the trade unions, letters from Paris F Shullukin, Nov. view 25 no 740 F 407.

### FRANCE-TRADE UNIONS

Communists and Catholica: the problems of trade-union unity, V, Zakharava, Mir. ekon, i mezidunar otn, no. 2 199-115 '67,

A watning from the trade unions, letters from Paris, F. Shullukin Nov. vrem, 25 no. 7 19 F 467.

### FRANCKETTE see subdivision under Yakutia

### FRANZ JOSEF LAND REGION—MARINE SEDIMENTS

First results of the study of holtom sediments in the area of the Franz Josef Land, V. D. Dibner, A. A. Kordikov, V. K. Razin. Inform binl. NIKA no 15 43-51 159

### FREIGHT AND FREIGHTAGE (see also subdivision under Moldavia)

I valuation of the correctness of the modeling circuit of a transportation problem. G.K. Sharashidze Trudy Vych tseatra AN Graz. 55R [2213-16] [66]

1: insportation problem in linear programming and an electrical model for its solution. G K, Sharashide Trudy Vych, tsentra AN Graz SSR 7/2 5-12 66

### FREIGHT AND PREIGHTAGE-CLAIMS

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### FREIGHTERS

Ice breaker and cargo ships for the Arctic. N.T. Makiskov. Sudosti conic 27 no.194-9 Ja 161.

### FRENCH LANGUAGE-DICTIONARIES-GEORGIAN

Gvardzhaladze, I.S. [French-Georgian dictionary] Dic-tionnaire francais-georgien. [Tbilist, Sabehota Sakartvelo]. Vol.2, 1963, 814 p.

### FRENCH LANGUAGE-SYNTAX

Helationship of free-grammatical and phrasoclogical combinations based on materials of the French language.

O. O. Andrifievs ka. Incz.filel. no.6:106-100 '66.

### FRENCH LANGUAGE-VERB

Verbal periphrases of the mode of action (mode diaction) in modern French, N.V. Sherometa. Inoz. filol. no 6; 110-118 *66.

### FREONS

Experimental study of the relationship of Freen 22.

1. M. Legutina. Khol. tekh. 43 no. 12:25-28 D 466.

Viscosity of brominated Freens. R.K. Nikul'shin. Khol. tekh. 43 no.11;30-33 N '66.

### FREQUENCY CHANGERS

Autodyne frequency converter using a tunnet diode. F. A. Akchurin, V. V. Rud, V. IA. Spirin. Radiotekhnika 22 no. 1:37-40 Ja. 167.

Effect of the electric load on frequency characteristics of an ultrasonic flaw detector. A.S. Golubev, V.E. Ivanov, V.I. Safonov. Defektoskoptia 2 no. 5: 10-46

Prequency-impulse converter using a silicon stabilition IA I Bullbik, IV I. Golfdich - Iv, vis ucheb zaw , clicktromickh - 9 no.12 1342-1347 166

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### FREQUENCY DIVIDERS

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#### FREQUENCY REGULATION

Automatic phase frequency control system with a phase shifter in the feedback circuit. V P Sizov, Radiotekhnika 22 no. 1 32-36 Ja 167.

FRESHWATER FAUNA see subdivision under Pamirs

FRESHWATER FISHES see Fishes, Freshwater

FRESHWATER FLORA see subdivision under Kanev

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Struggle of foreign Marxists against Freudism and Noo-Freudism. E. Vortsman. Nauch doki vys. shkolv.

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Fffect of volume of circulated mud on frictional force hetween filter cake and metal surface and on duration of viscoplastic fayer. I R. Muradov, G T Gasanov, N. M. Sherstnev Azerb, neft, khoz. 45 no. 11 25-27

Investigating effect of interaction forces on sticking of diflling sti ing. N. M. Sheigtney, A. A. Gilgorian. Neft.

Rheological proporties of plastic lubricants and the resistance to rotation of colling-friction hearings at low speeds. IU, F. Deinega, IA A Ven bitskii Dorl, AN SSSR 172 no. 3*572-575 Ja *167

Transverse impact by a blunt body against a flexible string with friction. A.A. Richis. Vest. Mosk. un. Ser. 1; Mot. makh. 21 no. 6,71-79 N-D '86

### FRICTION MATERIALS

Metal polymer antifriction material for manufacture of screw bushings operating in conditions of dry filetion.

A A Kokorev, N.S Zorina, IU, P. Swiridov Porosh
mut. 6 no. 12,21-26 D '66

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## FRIESIAN LANGUAGE—PRONUNCIATION

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### FRONTAL SINUS-FOREIGN BODIES

Rare case of a foreign body in the frontal sinus and the labyrinth of the ethmold, B. S. Lopatin, Zhui, ush., nos i gori, bol. 19 no 6,74-75 N-D '59

### FRONTAL SINUS-TUMORS

Glant esteems of the frontal sinus, A. A. Raikov. Zhur. ush., nos i gorl bol. 10 no. 1:76 Jl-Ag '50

### FROST RESISTANT CONCRETE

To the editor of the magazine "Beton I Zhelezobeton". T.S Powers. Bet. I zhel. -bet no. 12 569 D '61.

FROZEN FISH see Fish, Frozen

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### FROZEN GROUND

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Certain problems of calculating and designing continuous machines for frozen ground working by cutting. M.A. Dvolnykh, Shor, nauch, trud, PNIUI no. 10-254-273 '68,

Effect of frost on the structure and resistance to erosion of soil depending on its moisture. IA, IA, Motuzov, Porhvovedenie no. 3:53-58 Mr '60.

Leikin, B V. [Using thermal drills for working frozen ground and for crushing boulders, from the experience of the Administration for Mechanization of Construction of the Glavmu manskstroi Primenenie tri moburov dita razrabotki merzijski gruntov i droblenia valunov, iz opy-ta Upravlenija mekkanizatsij stroitel stva Glav murmansk-stroja Mosiva, Izd-volit-ry po stroitel stva, 1966 14 p (Novosti stroitel'noi tekhniki)

A new auger design with a differential screw pitch for frozen ground boring A. N. Dashkov Vzryw, delo no 61/81,67-73 '66

Parameters of botting and smooth blasting operations in underground workings. V.I Kozievniko. Vzrys delo no 61/615-11 '66

Smooth blasting in open-pit mining S, A, Davidov, N A, Palivola Varyv delo no 61/81 H-21 *66.

Thermal horing of permatrast for pile construction. A Motorcako. Stroin dormash. 6 no 12 12-14 D 761

### FROZEN GROUND-CONGRESSES

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### FRUIT—PRESERVATION

Economically profitable, V. Golovko, Zalup, scl'bhoz, prod. no, 12:19-21 D '66,

### FRUIT. DRIED-TESTING

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#### FRUIT. FROZEN

Busic parameters characterizing the process of fluidiza-tion of a layer of fruit and vegetables A Fikilin. St Dichev. Iv Fikilina Khol tekh. 43 no 11-33-37 N '66

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### FRUIT CULTURE

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Intensity of damage done by hares to orchards of various territories. V.V Gruzdev. Vest. Most un Ser. 6-Blot., pochv. 21 no. 5:23-26 S-O '66.

### FRUIT CULTURE-EQUIPMENT AND SUPPLIES

Hand electrified machine for tilling the areas around the plants in orchards and berry patches N F, Miakishev Dokl TSRHA no. 14:108-115 '59

FRUIT JUKES see subdivision under Pruzhany (White

### FRUIT JUICES-STERILIZATION

Sterilization of fruit juices in glass containers vithout counter pressure, B. L. Flaumenbaum and others, Kons 1 ov. prom 22 no. 1 9-14 Ja '67

### FRUIT TRADE

(see also subdivision under Azerbaijan)

Procure more potatocs, vegetables, and fruit Zakup, sel'khoz, prod no 8:1-2 Ag '66.

FRUIT TREES see subdivision under Darvaza Range; Tashkent

FRUIT TREES-FERTILIZERS AND MANURES see subdivision under Caucasus, Northern

FRUNZE, MIKHAIL VASIL'EVICH, 1885-1925 Comrade Arsenit... A. Gurtianov. Agitator 34 no. 2 23-25 Ja 167

### FRUNZE-TEACHERS, TRAINING OF

The teachers are studying. I. Altobasov, Nat. obr. no. 2 19 F 167.

### FRYING

Oven for frying food products in butter F.I. Kotlierenko, O.V. Kotlierenko Shor.izob: v ryb. prom. za 1961 g.:

Study of resistance of some vegetable fats used in deep-fat frying IA D Kadaner, V F Usenko Vop pit 25 no 0:51-54 N-D 466

Issuing bomises to workers for the economic use of fuel electric and thermal power Sots.trud. 12 no.1:137-141 Ja '67.

Use of fuel and lubrication material waste products for healing purposes G Rysin. Tekh v sel/khoz 21 no 12-74 D |61

### FUEL-COMBUSTION

- Bakhman, N.N., and A.F.Bellaev. [Combustion of heter-ogeneous condensed systems] Gorente geterogennyth kondenstrovannykh sistem. Moskva, Nauka, 1967.
- Nadzharov, M.A., ed. [High-intensity combustion proc-esses] Vysovoforsh cannye ognevye protsessy, sbornik statel. Moskra, Energiia, 1967. 201 p.
- Some results of the analysis of the dev point temperature M. I Leifman Teptoenergetika 7 no 8 29-32 Ag 160,

### FUNCTIONAL ANALYSIS

- application of the theory of additive functionals to stochastic differential equations D. I. Zheleznov Different 2 no 11,1535-1540 % '06
- Critical points of functional in case of operator connection K.E. Tokning, book AN Gruz SSR 14 no.3,529-536 D '66.
- Differential steepest descent method for solving n-dimensional variational problems [S. I. Aliber, IV. I. Aliber. sional variational problems S.I. Alber, Dokl. AN SSSR 171 no 6:1247-1250 D'66,
- Distribution of some functionals related to boundary value problems for processes with independent increments.

  B | Rogozin | Teor vergities for prim | 11 no 1/656. 670 766
- Lquilibrium stability or a physical rendulum filled with figure V A Samsonov Prikl mat i mekh 30 no 6 IB2-III4 N-D 466
- Evaluating the parameters of comple systems on basis of the experiment results. I.V. Alekstenko. Ekon i mat metod, 3 no 1148-152 J.-I. 167
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- Gaussian linear functionals on countable Hilbert spaces, IU. 1. Rozanov, Doll. NN SSSR 171 no 6:1286-1288 D
- A generalization of the power problem of moments, IU M. Berczanskii, Dokl W. SSSR 172 no. d 511-517 Ju '67
- Gradient method for solving a class of problems of optimal control. O. V. Vasul'ev Zhut vych, mot i mat fiz. 7 no ! 52-61 Ja-F 167
- Integral representation of positively defined Wightman functionals. IU M Berezanskit. UVr mat zhur. 19 no. 180-95. 167
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- Proof of the nonisomorphism of spaces of functions smooth on a regment and on a square G. M. Khenkin. Dokt. AN SSSR 172 no 148-51 Ja '67
- Range of values of a system of functionals on class S. V. I. Popov. Trudy TGU 182 106-132 '65.
- Range of values of functional systems, I A Aleksandrov Trudy TGU 182 59-70 165
- Range of values of J = I(w) functional in class of finite functions with real coefficients V, V, Chernikov Trudy TGU 175-78-84-464,
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- Schnoffer -Duffin's problem extended to finite functionals M, IA, Zinger Dokl AN SSSR 172 no 144-17 Ja 167
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- Theory of estimating the nonoscillation interval in difference equations and difference boundary value problems. A L. Teptin. Dif. urav. 2 no 11:1449-1168 N '66.
- Theory of extremum problems for quasi-conformal map-Theory of extremum promeins for quark comments pings of closed Riemannian surfaces. S L. Krushkal Doki, AN SSSR 171 no. 4,784-787 D *66.
- Three linearized inverse problems for hyperbolic equations. Dokl. AN SSSR 171 no. 8:1279-1281 D '66.
- Use of the method of differential descent in solving nonlinear systems S. I. Al'ber, IA I. Al'ber. Zhur, vych, mat i mat, fiz. 7 no, 1:14-32 Ja-F '67,

### FUNCTIONAL EQUATIONS

Stability of the solution to a functional equation of dynamic programming. R L Zarosskii Zhur, vych mat, i mat fiz. 7 no 1,199-204 Ja-F '67,

### FUNCTIONS

- Asymptotic representations of spheroidal functions, L. L. Ponomarev, Zhur, vych. mat. i mat. fiz. 7 no. 1.106-198 Ja -F *67.
- Functional completeness for algebra of logic functions not everywhere defined. R.V.Fretvald. Disk. acal. no. 8:55-68 '66.

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- Optimal commulae of numerical quadratures for stationary random functions L S. Gandin, R. E. Soloveichik. Zap LG1 43 no 3 46-48 to1
- Some inequalities for algebraic polynomials and rational functions D I Mamedkhanov, 12v All Azerb SSR Ser fir -mat rickly nauk no 5 9-15 162
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- Special functions of discrete argument of a sisymmetric potential V L Makarov, Dop AN URSR no 10,1250potential 1254 '66
- Structure of measurable functions S. G. Korlovtsev Mat shot 72 no.1148-180 Jp 167.

#### FUNCTIONS, ANALYTIC

- Analytic capacity and the Cauchy integral. M. S. Mc1'-milov Doll. AN SSSR 172 no.1,26-29 Ja '67.
- A case of Riemann's discontinuity problem A, D, Alekscev. Dokl. AN SSSR 167 no. 2 255258 M1 166.
- Derivation of periodic solutions to quant-linear nonauton-onous systems with one degree, or free dom in the case, of multiple roots of the amplitude equations. A P Proskuriakov, Prikl, matrimkch 30 no, 6 illi-li20 N-D 166
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- E tending L. M. I akhitin's formula to doubly connected tegions R. S. Polomoshnova Frudy TGU 182:90-95 t egions 165
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- Remarks on the structure of a set of prime ends of a sequence of two-dimensional regions converging to the nucleus, S. I. Kokoreva, B. P. Kufarev, Trudy PGU 182-27-11 [05].
- Simultaneous approximations in the circle Larv AN Arm, SSR, Mat 1 no. 5 317-330 186 E. M. Kegetan
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### FUNCTIONS, CONTINUOUS

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- Deltstence of Gaussian-type quadrature formulae exact for functions in Chebyshev Haar system, V.B. Ryvkin, Dokl. AN BSSR 10 no 11 821-826 N '66,
- Inverse theorems on uniform approximation, N. A. Lebedev. Doki AN SSSR 171 no. 4:788-790 D 166.
- Method for straightening the fronts for multiphase onedimensional Stephan-type problems. A Dokl AN SSSR 172 no 1:61-64 Ja '67. A. B. Uspenskii.
- Necessary and sufficient conditions stipulated for a set in order that any continuous function unalytic at the internal points of the set will admit of uniform approximation by rational fractions. A.G. Vitushkin, Doll, AN 95SR 171 no. 6:1255-1258 D '66,
- Order of approximation along the axis of continuous functions by Hei mite - Fejdi interpolation polynomials. G. M. Gasanov. Lev. AN Azerb. SSR. Ser. fiz. - tekh. i mat. nauk no. 4:0-15 | 66.
- A problem of G. Szego, M. Kac, G. Baxter, J. Hirschman, IA, L. Geronimus, Dokl. AN SSSR 172 no. 3 521-523
- Simple proof and generalization of N. N. Luzin's theorem. Trudy TGU 175.8-11 164.
- Some problems in the mathematical theory of the critical state of a reactor S. B. Shikhpy. Zhut, vych, mat, i mat, fiz. 7 no, i:ii3-i27 Ja-F 167.
- Some properties of algebras of continuous functions. Atenson, Dokl. AN SSSR, 171 no. 4,767-769 D 166,
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### FUNCTIONS, ENTIRE

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- The problem of moments in the complex domain. It is Karlmin, Vest Mosl un, Ser. 1 Mat., mokh. 22 m is 3-B. La-F. 167
- Remarks on a theorem of Collings ood and Valli on A.1 Gavislov. Vest. Mosk am. Ser. 1, Mat., in th. 21 no.6,25-27 N-D 466.
- Some inequalities for integral functions of finite degree within the norm of a generalized I abendue that. Bragimov, A 5, Dzhafarov Tzv. AN Averb SSR 512 fiz -mat, i tekh nauk no 517-28 462

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- mals, 1 P. My so yildh. Zhur, vych mat, kmir f. 7 no. 1485-409. Ju-1-467.
  Rate or convergence of orthogonal series. V. A. Me'rl ko. Vest Mosl, un. Ser. I. Mat., mel b. 22 no. 1 t. 4. Ja-1'467.

### FUNCTIONS, PERIODIC

- Conjugate functions. I. V. Zhiz hiashvili. Doki, V. v. it 167 no. 2 278-281 Mi 466.
- Divergence of Fourier series of atmost perforts fine is 1' A.Bredikhina Dokt AN SSSR 171 no. 1 111 114 D 168
- Resonance in rotating systems, [1, D, Akuleal e, V, 1] Volosov, Vest Mosk, un, Ser, 1 Mat , mckh 2 1 + 12-16 Ja-F 167

### FUNCTIONS OF COMPLEX VARIABLES

- Method of parametric representations, V 1 Popy Trudy TGU 1/5:73-77 164.
- Mordasova, G. M., and R. L. Senkevich. [Problems in higher mathematics; theory of functions of complex variables and the operational calculus.] Shornik z doch po kursu vyssiei matematiki, teorifa funkisii kom pleksnogo peremenuogo i operatsionnoe tseliiskain Moskva, 1966—130 p.

### FUNCTIONS OF REAL VARIABLES

Interpolation methods for computing the single and most tuple real roots of functions. H.A. Zhighevich (23); , vych mat 1 mat, fiz. (7 no 1 165-167) fa-1 (17)

### FUNCTIONS OF SEVERAL VARIABLES

- Approximation of functions of two variables by far. the control of type  $\phi$  (%);  $\psi$  (f). A.S. Theretoli Sect. At (a SSR 14 no.3:545-547 D %6.
- Fixed-sign condition of arbitrary forms of even called V. A. Chermatin. Doki AN BSSR 10 no. 41:824 and N 186.
- Problem of the maximum function of several variable.
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### FUNGI-INDUSTRIAL APPLICATIONS

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## FUNGI, PATHOGENIC

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### FUNGI, PHYTOPATHOGENIC

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Recent data on the nature of the blossom end not of tomatoes V. P. Shelko, Trudy KHSKHI 56-01 0 1 400.

- Mothods of internal therapy in ridding vine crops of diseases, M. N. Rodigin, Trudy KHSKIII 56:3-10 ****
- Protection of containers from molds in transporting museum objects, D.S. Kurltsyna, Vest, Mosk, v.i., Ser. 6: Biol., poelv. 21 no. 5:85-80 S-O '66,

## FUR-DRESSING AND DYEING

Dyeing black the chlorinated hair of für sheepskins with acid dyes. M. M. Goriacheva. IU. N. Aronin t. 12t. vys. ucheb. zav. itekh. leg. prom. no. 6:73-86 46.

## FUR-GRADING

Kutiushev, F.S. [Receiving furs according to quality]
Priomka mekhovykh tovarov po kachestvu, Moskva,
Ekonomika, 1966, 117 p.

FUR-BEARING ANIMALS ace subdivision under Uzbekislan; Yakutia

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### FURALDEBYDE

Effect of temperature and heating time on changes in the composition of furfurole Report No. 2.- IU. A. TSirlin, F. A. Kozlova. Shor, trud, NIGS 14:121-131 '65.

I filelency of the bubble-cap plates of furfurale rectifying columns. Report No. 1 Effect of the bubbling depth. A. S. Drovedova. IU A. TSh lin. Shor, trud NHGS 14: 132-141 [65].

Production of first-class furfurale in a continuously operating unit. 10, A. TSirlin and other i. Shor frud. NIGS 11:106-116 (65,

Studying the composition of semifinished and finished onlying the composition of sentrament and intence products of the furfacele inducts by gas-liquid chroma-tigraphy. Report No I: Composition of the overhead fraction. S A Feddova, IU.A.TSh Iin Shor, trud. NHGS 11:117-123 165.

Testing corresion resistant materials in the media of furfur ole-containing vapors and condensates, E.A. Adamovich and others. Shorti ad NIIGS 11:112-116

### FUHAN

Synthesis of some new thiophene and furm analogs of the decomes. S. V. Tsukerm in and others. Ukr. khim. zhur, 32 no. II II01-II07 166.

FURNACIS

Automatic control of vapor pressure in burning gaseous
fuct. O. V. Pomerantsev. Energ 1 elek., no. 6:2326. N-D '66.

I fficient boiler furnace systems. V. P. Shirshov. Linerg,
retek. no. 6,11-13. N-D '66.

Methods for the emil analysis of a multiregion impace.

Mi mode for the mai analysis of a mutiregron tunace for galother mr. to sting in a fluidized bed, V. M. Dement'ey, lazh, fb. dur. It no 6.779-786. D. 66, testing of the I-IP-2-16 feeder operating on pulverized cont from the Moscow Bosin, N.S. Vaniley, B.N. Min exkin. I lek sta. 37, no.12, 5-8, D. 66.

### FURNACES-AERODYNAMICS

Bolation of the foother mic gas flow in a cyclone chamber I V Volkov Teplorner gettka 7 no. 8, 12-37 Ag 400.

### FUHNACES, HEAT TREATING

Advantages of industrial gas turnaces. N. Lavrov, S. Burk. Met, -tekh, subb. h. 1 no. 1,76 O 166

Inclined U-shaped furnace for roasting vermiculite, D. P. Mironov. Strot part. 7 no. 12:17-19 D 161.

Investigating the work of a heat-treating turnace with radiant pipes of pyroceram. O. R. Matveev, G. F. Degtev. Tekk, forp, process. no. 6:86-87. N-D '66

### FURNACUS, HEATING

I ffect of the heating of metal in continuous furnaces on the quarity of rolled sheet products. A. M. Kulal P. I. Pfotnikov. Staff. 21 no. 11 10 35-1030. N. [61, A. M. Kulakov.

Papations describing the dynamics of double-flue con-vection type tubular heating furnaces (convection cham-Let a) for the case of double-flow unit supply. F. f. Khasmamedov – Izv AN Azerb, SSR Sor fiz. -mat, i tekh mante no. 5-04-96 - 62.

### TURNACES. HEATING-DESIGN AND CONSTRUCTION Reconstruction of a continuous furnace for the automation of the heating of ingota of ball bearing steel. A, V. Babushkin, Ball 41 no. 11:1041-1042 N 161.

Sectional for aitme. IU. V. Shehevekli. Trudy MVKHPU no 2.82 -99 165.

FURNITURE-EXHIBITIONS see subdivision under Ukralno

### FURNITURE INDUSTRY

(see also subdivision under White Russia)

Shirtia, T.M. [Using the wood of beech branches and licetops in the making of bent furniture] Ispol'zovante drevestny bukovykh such'ev I vorshin dila izgotovlentia izdelif guitof meboli. L'vov, L'vovskii lesotekhn, in-t, 1953. 18 p. (OrCS)

FURNITURE INDUSTRY-MANAGEMENT see subdivision under Ust -Kamenogorsk

Realstance of cabbage to fusarium yellows, E.E Fomin, E.S. Dovgel'. Trudy KHSKIH 56:119-121 '66.

Suddying the chemotherapeutic method for yidding watermelens of fuserium yellows, V. V. Skorik. Trudy KHSKIII 56-69-71 466.

Studying the methods for ridding cabbage of yellowing. A. M. Amishmov, N. I. Koval'chuk. Trudy KHSHKHI 56. 20-33 466,

FUSARIUM—CULTURES AND CULTURE MEDIA

Gibberellins and gibberellinlike substances from cultuse fluid of Fusarium moniliforms. V. N. Agnistikova and others. Mikro-tologita 35 no. 6:1037-1043 N-D 168.

### FUSED SALTS—DENSITY

Density and viscosity of melts of the system k, Cd, Pb// Cl  $\Lambda$  G Bc man, Zh V Mislet, Zhui, neorg khim. 12 no 1:210-212 -5a -167,

Distillation of fusel oil for the production of higher alco-hols G.I Fertman, V E Semevskaia Spirt prom 28 tin 3:31-35 462

Making industrial isosmyl and isobutyl alcohol from fusel oil V.F Sukhadol, P. V.Chatskii Spirt prom 28 no. 3 35-38 '62'

### FUSIDIUM--CULTURES AND CULTURE MEDIA

Selection of variants, the biological properties, prepara-tion of inoculum of fusion-producing organism, and the method of determining antiniotic activity. V D Kuzne-tsov and others. Autibiotic 12 no. 1 is-17. Ja. 167.

### GADOLINIUM CHLORIDE

Reaction of gadolinium chloride with orthophosphate ions in aqui ous solution at 25°C IV Lunanacy, SM Petrushkova Zhui, neory Phim 12 no 181-86 Ja '67

# GADOLINIUM CRYSTALS, EFFECT OF TEMPERATURE

Characteristics of transverse magnetoresistance of gade-lumm single erystile. N. V. Volkenshtein, V. P. Dia-kina. Pist vied, Zhur, eksperiiteoret, fiz. 1 no 10 398-100 N. 166

# GADZHIBEKOV, UZEIR, 1885-1948

Some materials on biographics of U. Gadzhibekov, G. Arablinskii and A. Azimzade A. G. Sarsbekii Dokl AN Azerb SSR 18 no. 3 73-76 '62.

GAGEA see subdivision under Gorkiv Province

GAGES see Gauzes

### GALACTOMANNANS

Reserve galactomannans and glucomannans in seeds, bulb4, and rldzomes B, N Stepanenko. Usp khim 30 no.5;626-644 My '61

#### GALAXIES

Colorlmetric study of galaxy NGC 6946, Part 1, F. Bingen and others, Astrobrika 2 no. 4 431-142 D 466.

Dependence of radio emission from barred galaxies on the shape of their central parts G. M. Toymasian, Astrofizika 2 no. 1, 110-129 D 166.

#### GALENA see subdivision under Tatikistan

### GALENA-THERMOELECTRIC PROPERTIES

Thermoelectric properties of galenites and pyrites of some complex metal deposits G I, Kniazev Min, shor 20 no.2 186-198 | 66

### GALLBLADDER-DISEASES

Changes in Dlood serum protein fractions in acute cholcoyattis, A. G. Lits and others. Khururgita 42 no. 12 59-61 D 186.

Course of experimental atherosclerosis combined with

A. A. Khachatrian

Course of experimental atheroscierosis combined with cholocystitis, K., I. Shintandze, D. D. Twildiani, Soob AN Gruz, SSR 27 no 2 225-231 Ag 161.
Diffuse suppurative bitary peritonitis, A. A. Khachatri Azeth, med, zhur 43 no, 12-3-6 D 166
Some problems of surgical factics in the treatment of acute cholocystitis in elderly, and senile patients, I., Shatin, N. A. Tsvetkova, Khiturgiia 42 no, 12, 31-38 D 166

Surgical treatment of acute cholocystitis, IU.O. Furman, Khirungita 42 no.12 30-41 D 166

### GALLBLADDER—RADIOGRAPHY

Characteristics of the preparation and management of intravenous cholecystocholangiography E.I.Gali-perin, I M Ostrovskaia Khirurgiia 38 no 1176-81 N 162

X-ray study of the process of filling and the concentration capacity of the gallbladder, P.K. Klimov. Fiziol. zhur 49 no 3:353-358 Mr 163.

### GALLBLADDER-SURGERY

Kingleal treatment of acute cholocystitis. IU,O, Furman, Khiru gita 42 no. 12,38-41 D '60.

Treatment of chronic calculous cholocystitis in the light of lints results. V V Vinogradov, G C, Basner.

Khirurgita 42 no. 12 41-46 D '66.

Hygienic evaluation of mixture of antioxidants of edible fats of butylhydroxyanisole and propyl gallic acid M. A. Danifalov, Vop. pit 25 no. 6:47-5! N-D 168,

Radioprotective and radiomimetric action of propyl gallic acid in glycine and hemin solutions, M. I. Amiragova, N. A. Duzhenkova. Radiobiologiia 2 no. 4 607-610 162.

Separation of small amounts of in and Gs by partition chromatography in a column with fluoroplast 4. T.A. Bollshova, I.P. Allmarin, A.S. Livincheva, Vest. Mosk.un.Ser.2; Khim. 21 no.6:58-63 N-D *66.

### GALLIUM ARSENIDE CRYSTALS-DEFECTS

Depundence of current carrier mobility on temperature in GaAs crystals irradiated by fast electrons. V.S. Vavilov and others | Fig. tver.tela 8 no.11 3390-3391 N 166

Studying the perfection of diffusion layers produced by the diffusion in zinc in gallium arsenide. B G, Zakharov. S, S, Khludlov Izv.v,s.ucheb.zav., fiz. 9 no 6:18-

#### GALLIUM ARSENIDE CRYSTALS, EFFECT OF RADIATION ON

Effect of  $\mathbf{n}$  i adiation by fast electrons on photoconductivity spectra of Ga is crystals grown in hydrogen atmosphere A, F, Plotnikov, M, i, Selezneva Fiz tver tela 8 no il; 3392-3393 N '66

#### GALLIUM ARSENIDE CRYSTALS, EFFECT OF TEM-PERATURE ON

Effect of heat treatment on gallium arsenide photolumines-cence Zh I Alferoy, D, Z, Garbuzov, E P Morozov Fiz tver tela 8 no.11 3236-3240 N '66

### GALLIUM ARSENIDES

Electro-optical effect in GaAs. V.S. Bagaev, IU.N. Berozashvih, L.V. Kuldysh, Pist., red. Zhur, elsper, i teoret, fiz. 1 no 9:364-368 N '66.

#### GALLIUM ARSENIDES-ELECTROMAGNETIC PROP-ERTIES

Mobility of minorly carriers in deagenerated gallium arsenide. V. P. Sushkov Fiz. tver. tela 8 no. 11-3431-3432 N '66.

### GALLIUM ARSENIDES, EFFECT OF RADIATION ON

Diffect of election initialization on the electric properties of gallium arsenide. M. A. Krivov. S. V. Malianov. V. N. Brudnyi Lzv vys.ucheb zav., fiz 9 no 6.133-134 '656.

Effect of X-1 ay and electron radiations on p--n-junctions of gallium at senide M. A. Krivov, S. V. Malianov. Izv. vys. ucheb. zav., fiz 9 no 6 135-136 166.

#### GALLIUM COMPOUNDS

Anion exchange of chloride complexes of gallium and indiam in presence of hydrochloric acid and organic solvents A. N. Gorokhova, E. P. TSintsevich, I. P. Alimarin Vest. Mosk un Sei 2; Khim. 21 no 6:68-71 N-D 166.

GALLIUM-MERCURY ALLOYS see Mercury-gallium allovs

### GALLIUM SALTS

Basic gallium salts of alunite type, I V Tananaev, V.G. Kuznetsov, N.K. Boltshakova Zhur neorg, khim, 12 no 1 57-61 Ja 167

### GALLIUM-TIN ALLOYS-ELECTRIC PROPERTIES

Studying the electric diffusion of tin and mercury in their alloys with gallium. V. A. Mikhailov and others Fizemet.; metalloved. 22 no 6:871-875 D 766.

# GAL'PERN, IAKOV IOSIFOVICH, 1876-1941

Professor IA O, Gal'pern. M. A. Kımbarovskii, Khirur-gia 12 no 12 115-116 D '56,

### GALSWORTHY, JOHN, 1867-1933

The wholeness of the Forsythe cycle, A.V. Chicherin, Izv. AN SSSR, Ser, It, 1 iaz. 25 no 6 481-488 N-D 106.

# GALVANIZNG

Galvanization at the building site. G.Gruzkov. Na strot. Ros. 1 no 8 30 Ag 163

## CAMBIA

Khillukbin, E. I. [Gambia today] Sovremennaia Gambiia. Moskva, Znanie, 1987. 31 p. (Novoe v zhizni, nauke, tekhnike. VII Seriia Mezhdunarodnaia, no. 4)

### GAME THEORY

n-Person games of survival "with a lifetine. " L A. Petrosian Izv, AN Arm, SSR Mat 1 no. 5 331-340 166.

What is the theory of games, A.A. Fridman. Ekon. 1 mat. metod 3 no. 1 li3-l31 Ja-F '67.

Verzina, A. K. [Geographical games in school; from work experience] Geograficheskie igry v shkole, iz opyla raboty Moskva, Prosveshchenie, 1966–60 p

GAMES, THEORY OF see Game theory

### GAMMA GLOBULIN

Study of the antigen structure of the globulin fraction from a tissue perfuse of irradiated dogs G M L'vitisyna, IU D, Balika, Radiobiologiia 2 no. 4, 590-594 162.

GAMMA RAY SPECTROMETRY Nuclear y-ray resenances in 118sn and 120sn, B. Hrast-nik, V. Knapp, M. Vlatkovic, Izv. AN SSSR, Ser. fiz 31 no. 18-104 Ja '67.

Studying 152Tb radiation, K. IA. Gromov and others. Izv. AN SSSR, Ser, fiz. 31 no.1.154-176 Ja '87

### GAMMA RAYS

Comparative characteristics of radical states emerging in crystalline trypsin folloring proton uradiation with the energy of 660 mey and gamma quants L.S. Gaponova. s. F. Ginzburg. N. S. Postnikova Biotiziki II no 5 900-910 966

Gamma-radiation from 230Pu in 100 - 1501 cv rings V V Berdikov and others Izv. AN SSSR Sci fiz 31 no 1 185-189 Ja 467.

Garama resonance and its use in different scientific nelds. Dop, AN URSH no 10 1362 466

Kinetics of the formation and output of free addicals in gramma radiation of some enzymes TE. Berezhinskair, GR Rik Vest, selthoz nauki 11 no 11 101-106 '66,

Use of gamma dispersion for describing spontaneous activity of nerve cells | I. Narusevicius, V. Maginakis Broffizika | II no 5 924-926 666.

GAMMA RAYS-EFFECT ON PLANTS see Plants, Effect of gamma rays on

### GAMMA RAYS-EQUIPMENT AND SUPPLIES

Powerful gamma-133 apparatus (GUBE-800-311) for the 11 radiation of agricultural objects. kh M. Ratkhlin Bull nauch -tc/h inform po agron, fr. no. 8/9/32

### GAMMA RAYS-INDUSTRIAL APPLICATIONS

In estigating the density of a substance near the critical state by the gamma-ray absorption method. O. Z. Holil, V. M. Kiznis't, i. Uki, fiz. 2hur. 4 no. 3 670-676 S-O

I method of automatic analysis of the composition of multicomponent media. E IA, Ivanchenko, B, S, Kebiako Izv.vys ucheb zav , gor zhur 10 no.1157-162 67.

Using industrial position gamma relays in automatic control of holici units O A. Muratim, V A Batsak Biul tekh -ckon inform Gos nauch -issl met nauch i tekh, inform 19 no 12 21-22 D 466

### GAMMA RAYS-PHYSIOLOGICAL EFFECT

Combined effect of masticated subber and CoSO gamma irradiation on carcinogenesis 5 L Khai Jampovich, S P. Porlsosov, Med. 1ad, 11 no 12 64-65 D 166,

Histochemical study of the effect of ionizing radiation on nucleic acid and glycogen dynamics in the liver of rats G.D.Gutin Radiobiologia 2 no 4 553-557 '62

Radiation inputy and protection of bacter tophages containing one-strand RNA and DNA U. P. Vinetalai. Mikrobiologiia 35 no 6-1033-1036 N-D '66

### GAMMA RAYS-THERAPEUTIC USE

Accelerated method of the selection and calculation of dosage fields in large focus gammatherapy of decply situated tumors by means of the multifield technique on rotation gamma-ray units B M Aliev, 1.1 Missunas, T G Rainer Mcd rad. 12 no. 1 68-71 Ja 167

Apparatus for gamma-1ay therapy, Inform, biul, VDNKII no 12 36-37 D 466

Dosimeti is substantiation of gammather apy with a grid, L. V. Novikova and others. Med. 13d. 12 no. 1.14-18

Gamma-ray scintillation chamber with the GJ (Rh) representing crystal. I. S. Osipov. A. M. Ovchunikov, L. M. Sheherbalov. Izv. AN Arm. SSR. Ser tekh, nauk 19 no 6;34-41 16b.

Gammatherapy of reticulosarcomas of the bones. A V Koztova, 1 A Lebedeva. Med. rad. 12 no 1 26-31 Ja 167

Gammatherapy of tumors of the hypophysis. M. A. Merkova, L S Lutsker, Z E. Zhavoronkova Med. 1ad, 12 no.1 19-25 Ja 167.

### GANGLIONIC BLOCKING AGENTS

Treatment of coronary insufficiency with retrosternal block of a potentiated effect 1, I, Neimark, M. B Fornel Sov. med 29 no 11 61-65 N 166.

Treatment of hypertension with ganglionic blocking agents I, A, Melenas. Trudy LPMI 37,130-138 '65

### GANGRENE

Critical review of the methods of surgical intervention in gangrene of the sigmoid colon. V.N. Meshkova, Khilurgiia 38 no 11 131-15 N 162,

### GANODERMA

Studying biological characteristics of the strains of Ganoderma applanatum(Pers. Pat) from various trees, P. A Suvorov. Uch. zap, GGU no. 50;4-17 '59.

### GARAGES-DESIGN AND CONSTRUCTION

Orloyekil, B.IA. [Textbook for designing municipal garages; for students specializing in construction subjects]
Uchebnoe posobie po proektirovaniiu gorodskilki garazlei, dila studentov strolici'nyki spetsial'nostei. Pod red. B.P.Mikhailova. Moskva, Vses, zaochnyi inzhenerno-stroit. in-t, 1966, 68 p.

### GARAGES-EQUIPMENT AND SUPPLIES

Cart for taking wheels off trucks and freight buses, M I.Krasil'shchikov. Gor, khoz, Mosk, 41 no 1: 47 Ja 167.

### GARKAVI, IULII IL'ICH, 1913-1960

IUlti Il'ich Garkavi. Energomashinostroenie 6 no. 9:34

GARNET see subdivision under Talar A. S. S. R.

#### GAS-COMBUSTION

Calculating the combustion of gas fuel by a simplified method. F. G. Tagrazido, Shor, trud MHST, no. 13 171-183 162

#### GAS-PURIFICATION

Results of the hydropneumatic cleaning or shown pipes in rereculating their supply system for the purification of blust turner gibs. V. D. Sleptsov. Staff 21 no 11 1047-1048 N. 361

### GAS, NATURAL

(see also subdivision under Soviet Central Asia:

Automatic control of the air supply for the injection of

Now-prossure gas fuels in boller furnaces. If P. Rusynkovs'kit. Pratsrinst vyk gazu v kom hosp ta prom AN URSR 7 131-111 159 Calculating operating regimes of closed-loop systems of gas pipelines using electronic computers. R. IA Berman, S. A. Bobrovskit, P. P. Gulullin. Gaz, prom. 11 no 12 11-15 166

Device for measuring the flow of natural gas Ostrovskii and others Ogneupory 31 no 12 49-50 D 166.

Castication of dispersed carbon in diffusion flame of natural pas. A M PSybulevskii, Gaz prom, 11 no.12 41-13 '66

GAS, NATURAL—COMBUSTION
Determination of carbon monoxide content in flue gases and had loss due to chemical incompleteness of natural gas combustion. N. A. ISisin, F. A. Ishkhanov. Gaz., prom. II no 19,39 '66.
Preheating of natural gas in electric power plants. M. G. Teplitskii, Teploenergetika 7 no. 8 41-44 Ag '60.

#### GAS. NATURAL-GEOLOGY

(see also subdivision under Carpathian Mountain (rec and sudvisible unit of carpital Modaria region; Dniepe: Donels Lowland; Gazil Gas Fleid; Kyzyl Kum, Mangyshiak Peninsula, Moldavia; Siberia, Western; Soviet Central Asia, Uki tino)

Additional ways of expanding oil and gas prospecting. C. A. Mogilevskii, Razved, I okh, nedr 26 no. 8:46-47

Determining capacity of productive parts of formation when number of drilled wells is low. A. L. Kozlov. O N. Alieva. Grol. neftrigata 10 no 12:10-17 D-166

Methods of prospecting for gas pools with oil rings. V.P., Savchunko, M.IA, Z.,kin. Geol nefti i gaza 10 no.12-7-9 D 466

### GAS, NATURAL-HYDRATES

Method of determining hydraulic parameters of operating sections in gas-gathering tanks, O. Zh. Kalnin, V. V. Karnaushenko, V I4, Klishchenko Gaz delo no. 12 6-

### GAS. NATURAL MEASUREMENT

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### GAS. NATURAL-PIPCLINES

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municipal gas network, D. B. Barasanov, vyk, gazu v kom hosp, te prom AN URSR 7 3-12 159

Calculating operating regimes of grs pupeline compressor stations using electronic computers. S. N. Sinitaya, M. G. Subharev, E. V. Leont'ev, Gaz prom., 11 no. 12 17-19 '66.

Determination of gas losses and leakages in the shut-off devices of gas pipelines, IU H. Kornilov, I.O. Koliada Pratsi Inst, vyk gazu v kom hosp ta prom. AN URSR 7 102-109 159

Determination of the optimum parameters of a gas pressure regulator for gas pipelines, O.M Levin, Pratst Inst, vyk, gazu v kom, hosp, ta prom, AN URSR 7,110-

Effect of the dynamics of gas pipelines on the control of the productivity of complessor stations, A.Z Gryshchenko, M.O. Zhydkova. Pratsi Inst. vyk gazu v kom, hosp. ta prom AN URSR 7-48-71 159.

Grand prospects. Stroi, truboprov. 8 no. 12:1-2 D '61. Problems concerning pressures in municipal gas pipelines. V. F. Davidenko Pratsi Inst vyk, gazu v kom, hosp. ta prom AN URSR 7.72-101 159

Self-potential of gas pipeline is one of the factors of its corrosive action V.N. Kazanov Gaz, delo no. 12-12-15

Special features of the parallel operation of gas pressure regulators with consideration of the remote control system for charging their settings. D. B. Baiasenov. Pratsi Inst vyk, gazu v kom hosp, ta prom AN URSR 7:13-18 | 59

Study of the control of compressors with gas motors. A Z Gryshchenko Pratsi Inst vyk gazu v kom hosp, ta prom, AN URSR 7:30-47 150.

Technical and economic indices of development of gas pipeline transportation from 1950 through 1965, V, M, Gallperin and others Gaz prom. Il no.12:26-21 '66,

Telemetering and remote control on municipal gas regulating centers P F Vodianik, Pratts Inst. 178 parts v kom., nosp ta prom. AN URSR / 19-20 150.

### GAS, NATURAL-PURIFICATION

Work practices in cyclic vapor-gas conversion, 6.3. Kasparov and others. Mast -zhir prom 32 no 10 36-39 O (66.

GAS, NATURAL—SEPARATION (see also subdivision under Kotur-Tepe Oil Field)

I' per ience in centralized purification of hydrocarbon gives in order to obtain stock for petrochembal indu-try. A. L. Chvertkin, Nelteper, incftrkhim, no je 20 ti y. Α 25 166

### GAS, NATURAL-STORAGE

Mathematical modeling of economic calculations of gas-leservoir spacing, A.M.Osepian, Gaz, delo no 12 (n. 22 %).

Method of determining hydraulic parameters of operatur-sections in gas-gathering tanks. O. Zh, Kadnin, V. V. Karnaushenko, V. IA, Klishchenko. Gaz. deb. 10. 11 f. 8 186

#### GAS. NATURAL-TRANSPORTATION

Method of dynamic programming in gas it orisportities management, E. S. Salunzhanov, A. I. Garlianskan Gaz, prom. 11 no. 12 11-11 '66,

GAS AND OIL ENGINES see Internal combustion engines

### GAS AS FUEL

Effect of gas supply on fuel consumption by enterprined serving public needs. 1., P. Kulojan, R. C. Mirzol of Gar, prom. 11, no. 12/22-25/166

Mikheev, V. P. [Gas fuel and its consumption] Gazonee toplive i ego szidgante. Leningrad, Redi a, 1986. 326 p.

Reducing gos losses in petroleum refining 5.0, Mu. shalkovich. Nefteper i nefterhim. no. 12:13-15 toh.

#### GAS DURNERS

Advantages of industrial gas furnaces. N. Lavroy, S. Bark. Mot. -tekh, mabrh. 1 no. 4 to O too Gas-oxygen burner for smelling and blowing suffice tell finished products. A. S. Jaser In and other o. (c) pr H. no. 12, 30-31 '66.

Injection burner with a wirling air flow, (A, I, the hele)  $\alpha_{\rm s}$  , Grz, prom. (H) no. 12:98-30 (86)

Modernization of ring burners of the domestic gas etc. a V.S Beliunova, 1., I. Druskin, I.G. Chernyshees (1.) khoz, Mosk. 36 no. 12 31 D '61.

Radiation of flameless gas burners, O. N. Brushann, V. I Beloglavov, Gaz. prom. if no. 12-17-16 ten.

### GAS CHROMA TOGRAPHY

Chromatographic determination of ethylene oxide in co tact gas K. I. Gafarova, IU. V. Ionov, S. A. Lunge Nefteper, 1 neftekhim, no. 10, 33-35 166.

Detecting traces of anabasine in cottonseed oil by passing it chromatography. I R. Lange, I, N 11, bly man, M. I. Goriney, Mash, -zhir, prom. 32 no. 11 31 35 N 166.

Determination of small amounts of hydrogen and losh or corbons in heptune. V. I. Pichurhkim, V. V. Sarae, a Vest. Mosit. un. Ser. 2; Khim. 21 no. 6;25-20 f.-). Ar.

Gas chromatography of the macromotecular fatty acids. of fat deposits in luminants and swine. A.1. Kalail . Vest. sel'khoz, nauki 11 no. 11:101-109 '66.

Possibility of applications of Royae indices in gas chi-matographic analysis of polar phases. B. V. Cotorita V. P. Braiets, 12v. AN SSSR, Ser, khim. no. 1485-166 Ja '67.

Solectivity of stationary phase in gas-liquid chromatog-raphy Part 3; Study of dispersion interaction d. i. Korol', V. M. Sakharov, Teoret i chaper didus, 2 no.5;663-672 S-O '66.

Studying the composition of semifinished and finished products of the furth ole industry by goar-Highly three set tography. Report No. 1: Composition of the fact Hard old fraction. S. A. Fedotova, IU. A. TSirlin. Short t. 1. NIGS 14:117-123 '65.

Test parameters in chromatographic analysis of en le uct in propune column of gas fractionating unit F Shkatov. Neftoper, i neftekhim, no 10:36-38 (c),

Thermodesorption of alcohols and others from alumit in oxide surface, V. I. IAkerson, I., I. Lafer, A. H. Red in-shtein, Izv. AN SSSR, Ser, khim, no. P200-201 Ja 167,

## GAS DISTRIBUTION

Problem of decreasing pressure fluctuation area in Hat distribution systems. G. M. Gurvich. [zv.vys.nobeb zov.; noft' i gaz 0 no.0:73-70 '66.

### GAS DYNAMICS

Anisothermal turbulent jets of compressible gas of variable composition. A.S. Ginovskit. Prom. actually no. 27:31-54 166.

Calculation of sought for surfaces in three-dimensional methods of characteristics, K. M. Magomenov, Da Vi AN SSSR 171 no. 6:1297-1300 D '66.

Concentrated parameters characterizing dynamic protect. ties of the elements of systems with a flowing complete ad medium. E. A. Lokshtanov. Lop. manh. I strutt. at p. no. 1-137-144 166.

# GAS DYNAMICS (Continued)

- the drammer processes during the heating of a substance be been radiation. III, V, Manustry and others. Prikl at 1 mekh. 30, no. 6 10 ?? 10 ?8, N-D . 160
- Gas flow in an avleymment is dedicted tube 1 A. Belov B. N. Kogtev Inchestic that 12 no 126-30 Ja 467.
- Motion of a plate in a two-component beter ogeneous mixture. V. I. Maron, G. G. Safarov. 12v. M. A.crb SSR Sci. fiz. -telh.d mat nauk no. 1,13-17-766
- Performance of gas in flowing and pumping wells, G.7. Resignov Neft khor. 14 no 11 52-51 N 166
- Theoretical studies on gas parameters in overen-kerosine torches stated for the med pletting of had rocks. I P Gottlaw. Its vys neft heave, got zhur 8 no 9 (0-67 465
- Intal force action of a steady gas flow on a rectifinear plate grid. S.I. Gheburg. Prochadin ay dvig. no. 3 239-272, 166.
- Using the energy method in analyzing the stability of greatens with compressors. I. P. Ol'shtein, I. A. I ok A Lokshtanov. Lop, mash, i struin, app. no 1 121-116 166,

#### GAS DYNAMICS-BOUNDARY VALUE PROBLEMS

- Gas flow into a vacuum with the boundary temperature abeying a power law V. P. Neuvachaev. Prill, mat I medit, 30 no 6 1019-1029 N-15 '66.

  I licent theory of flow post bodies. Method of power structs V. P. Dobuchiev. Prikl mat 1 mekh 30 no 6 1006-1014 N-D '66.
- GAS FIELD BRINES see subdivision under Apsheron Peninania.

### GAS FIELD DEVELOPMENT

Geological factors affecting results of formation treatment in gas recovery attendation 1. A. Koposov, V. G. Khell kvist - Gaz, delo no 12 (-3 966)

#### GAS FIELD DEVELOPMENT-COSTS see subdivision under Baehkirla

#### GAS FLOW

- Calculation of well bottom pressure during one-phase flow of gas condensate mixture. G.R. Garevich. Livevy: othebotavij meft igar 0 no.8,11-43 166.
- I finisher boundary layer on solids of revolution under the action of a binary gas flow 1. A. Kulonen Zap LGI ):
- itolation of the inother mic gas flow in a exclose chamber F V. Volkov. Teploem (getika 7 no 8 32-47 Ag 460.

# GAS INDUSTRY

- All-Union day of workers employed in petroleum and gas industries, 1. B Gal' Gram. Nefffanik II no. 91-3
- Impeluous growth of gas industry. III, I, Rokserman, Neftionik II no. 8  2  -1  $\Delta \rho$   $^{3}66$
- Let us mark our holiday with new work successes. Neftranik II no 3:1 Ag '66
- GAS INDUSTRY-FINANCE ace aubdivision under Turkmentistan

# GAS INDUSTRY-FIRES AND FIRE PREVENTION

[Collection of fire-prevention specifications for designing industrial enterprises and populated places | Sbornik protivopozharnykh norm strolled nego procettrovanita promyshlennykh predpritatil i masolennykh mest. Mo-skva, Strolizdat. ekva, Strolizdat. Pt. 3. 1905. 392 p.

# GAS INDUSTRY-SAFETY MEASURES

Automatic control of safety should operate infallibly A. D. Makarov. Be. op. trude v prom. 11 no 1:26-27 Ja '67.

# GAS MANUFACTURE AND WORKS-MANAGEMENT

Krylov, N.V. [Organizing and planning production of gates by deep cooling in industrial onto prises; a textbook] Organizatsita i planirovanie proizvodstva gazov motodom glubokogo okhlazidentia na promyshlemykh predprilationkh; uchebnoo posoble Loningiad, Pt. 1. 1905 237 p.

# GAS PIPES

Noring and shut-off valve for nonmetallic gas pipelines, V.S. Loginov, V.V. Tarkhanov, Stroi, truboprov. 6 ro, 12:18 D '61.

# GAS-TURBINE LOCOMOTIVES

fornigraphical method for calculating the speed character-istics of two-shaft gas-turbinelocomotive engines. N. N. Afamareva, E. I. Nesterov. Energomashinostrocale 12 no. 11-18-22 N 466.

GAS TURDING LOCOMOTIVES—DESIGN AND CONSTRUCTION see subdivision under Kolonum

# GAS TURBINES

- 1 xperimental study of the thermal state of the regenera-tor of the CT-23-700 gas turbino system during stat operations. V. 1, Fedorov, V. N. Kainozhitskii. Energ. I clek. no. 6:20-22 N-D 166.
- Performance of conventional gas turbine systems in the gas-steam cycle with a boller-economizer. V.A. Zysin, B.V. Turchaninov. Energomashinostroenie 6 no. 9:18-21 S 40.

- Special features of the runners of the machines of large carbon drovide poser systems V. D. bekinterey, I. F. Olesevich, V. N. Khalandzhi Energomashmostroeme no 11 26-28 N 56
- Study of combustion chambers of GTU-50-800 gas turbing whether in A Shatiff and others, I nergy relation 6 19-20 N-D  $^{\prime}$  66,
- Temperature indicator using an irradiated rubs. V.D. Dobrobbotov and others. Energoina standstructure 12 no. II. 44-16. N. 466.

# GAS TURBINES-CORROSION

Resistance of turbine metals to yanadium corresion R A I ipshicin, S. E Khaikina, E. S. Garburg, Teplo-energetika 7 no. 8,57-60 Ag %60

# GAS TURBINES-DESIGN AND CONSTRUCTION

- Calculating the load distribution between the teeth of the herringbone fastening of turbine working blades in case of clashe strains. V. M. Savochkin. Prorigoniashino-stronic 6 no.10,29-32 O 56.
- Turbine stages developing a high momentum in starting. I.I. Kirillov, A. I. Kurillov, Energornashmostroenie 6 no. 9:6-8 S '60
- Utilization of the gauge pressure of biast furnice gas B V. Sakanov Stall 22 no. 5 471-475 My '62.
- thitization of the gauge pressure of blast number gram the blast furnice, I G Tikhomnov Staff 22 no 5 176-177 My 162

#### GAS WELDING AND CUTTING

- Aursgaeoline welding and heating of parts. V Bodma Not, transp 10 no 5 48 Je 162
- Cutting mutals with natural gas IU A, Bundeinyis V, A, Myshonkov Mashinostiottell no 1:20 Jul 187

#### GAS WELL CEMENTING

Simplified method to calculate turbulence of ascending flow of sun ry in oil and gas well comenting R Sh Rakhimkulov Noft khoz 14 no 10 27-31 O 66.

#### GAS WELL COMPLETION see subdivision under Carpathlan Mountain region

GAS WELL DRILLING see subdivision under Stavropol Territory

# GASEOUS PLASMA see Plasma (Ionized gases)

- New gradientless reactor and batchmeter for studying Finetics of gas phase reactions. I. I. loffe, V. S. Fedorov, V.I. Salenko Kin i kat. 7 no.6;1099-1100 N-D '66
- Photochlorination of natural and petroleum refinery gases and transformations of chloro derivatives. Sh B Aliev, V. L. Buintskoia, I I Namazov Shor, trad. Az NII NP no 3 319-336 158
- Use of approximate thermodynamic similitude for an handyth description of the properties of real grass based on limited experimental data. IA Z. Karavchin-skii. Doki. M SSSR 171 no. 1:898-900 D 166.
- Use of boilers in scrubbing chants gases of chemical plants. I, IA, Sigal, G. F. Naidenov, N. A. Gurevich Fnerg i clek. no 6 40-48 N-D '66.

# GASES-AUSORPTION AND ADSORPTION

- Calculating composition of circulating absorbent in absorption of hydrocarbon gases, 13, k, Marushkin, Gaz, prom. 11 no. 12-14-18 166.
- Ion exchangers as absorbers for gas absorbing apparatus A.I. Yulikh and others. Bezop, truda v prom. Il no.1: 46-48 Ja '67.
- Simple empt ical equations for mitting to describe absorption equilibria of gas mixtures by means of separation confficients. V.5. Panbuzin. G. M. Panchen-kov. Vest. Mosk.un. Sci. 2; Khim. 21 no 6:88-91 N-D '66.

# GASES-ANALYSIS

- Automatic maintenance of given ratio of oxygen in a instance used for exidation of liquid paraffins to alcohols E. F. Kisperovich, N. M. Masiova. Trudy NHSZHIMS4 no 2:65-70 '61.
- Device with a hydraulic drive for stroboscopic sampling of gas from an engine cylinder. A. A. Voronkin, R. V Kazachkov, Lnergomashinostroenie 12 no. 11.39-41 N '66.
- IV 100. Using GEUK-21 and IP-1120 gas analyzers for continuous methane control in gas mi ture, G. A Govor, Gaz, prom. 11 no.12-36-38 156.

# GASES-COMBUSTION

Sirizhevskii, I. I., and V. F. Zakaznov. [Industrial fire damping devices | Promyshlemye ognepregraditeli. Moskva, Khimila, 1986–150 p.

# GASES-MOLECULAR ROTATION

Thermodynamic functions of diatomic gases with the molecules in the ³L electron state G, N, IUrkov, Teplofiz, vys. temp. 4 no. 6:794-800 N-D '66.

# GASES-PURIFICATION

Performance of downcomerless grid plates in the removal of hydrogen sulfide from gases by the at senic-soda method IV I. Dyinerskii and others Koks i khim no. 7:34-37 '62

Removal of hydrogen sulfide from gas in the "boiling lay-er" of roung meet shime. It Burnukuri, V Chaguna a Soch AN Gruz SSR 20 to 6 659-664 Jr. 161

#### GASLS-SPECTRA

Development of a refined spectrographic methol for the analysis of yases. M. M. Meht-Zade, V. G. Zhem, I. G. Satarahtek, Sbor, tru f. Az MI NP no. 3, 349-356, 58

# GASES, ASPHYXIATING AND POISONOUS

Influence of the size and materials of stemming on the Composition and amount of potson gases generated during blisting B D Roser, Var., delo no.60/17 251-257 160.

#### GASES, KINETIC THEORY OF

- Second virial coefficient for the interaction between atoms with unfilled electron shells. P. M. Kessel man and others. Teptofiz.v., temp. 4 no 6 801-809 N-D
- Thermal dissociation of distomic molecules at high temperatures. A T Osipov. Feoret reksperikhim. 2 no 3 019-657 5-O 166

#### GASES. RARE

Clathrate compounds of p-crossd with noble gases. Part 2-p-Crossd compounds with krypton and radon. A M Frofin-97. IU N Kalankin - Radiol-himita no b 720-

#### GASOLINE

- Experience in desultination of gasoline of their mal crack-ing F. A. Bugni and others. Noticper i nefterhim no 12:7-11 '66
- Pyrolysis of natural gasoline in flow of superheated water vapor. T A khirchiturian, G Kh Mirzenan, N S Pechuro Neffeper ineffekhim no 10 18-20 166.
- Refining of gasolines, V.D IAemopolishii, 1 E.Dolnakova Shor, trud Az NII NP no 3 81-85 158
- Removal of sulfur compounds from cracked gasoline, N.M. Indukov, S.N. Loginova, Shor trud Az NII NP no 3:71-80 438,
- Use of low-octane gasolines in carburator engines F.G. Sub imanova Shor trud Az NII NP no 3 86-91 158

#### GASOLINE-PURIFICATION

Soiling of gasoline in tanks. G Kramatenko, L Reznik. Avt. transp. 45 no. 1 35-36 Ja 167.

#### GASTRIC FISTULA see Fistula, Gastric

- Effect of the mineral water of the Sokolovogorskiy Spring (Saratov) on the secretion of gastric juice and bile and the discharge of bile S \ Georgieva, E, M Ivanovshaia Vop kur., fizioter i lech fiz kullt 27 no.6 700-303 N-D *62
- Hectrolytic composition of gastric juice in paptic ulcer A A Fisher, Soy med, 30 no 1,46-50 Ja 167
- Electrolytic composition of gasti ic juice taken from an empty stomach A A, Fisher, Vop pit. 25 no. 6,30-24 N-D 666
- Not adi qualin and adrenalin of stomach wall and gastric juice in dogs. E.K.Kazerova, N.A.Fsaian. Biol. rhur.Arm 19 no 12:56-61 D '66.

# GASTROENTERITIS

Cytomorphological characteristics of pharyngeal mucous membrane in practically healthy persons and in gasti center itis patients. L I, Kallshtein, A. I. Shchur enkova. 12v Otd, blod nauk AN Tadzh. SSR no. 4:100-107 '66

# GASTROINTESTINAL MOTILITY

- Effect of cerebral corter stimulation on rumination and motility of multicompartment sheep stomach, P. Tul-baev, N. Tormanov Trudy Inst fiziol AN Kazakh SSR 10.177-184 166.
- Effect of interoceptive atimuli of caccum and rectum on stomach motility in houses M. V. Kochatau. Vestsi AN ESSR. Ser. brial nav. no. 1:80-84 167.
- Effect of Katsch and Kalk's catteine breakfast on the motor function of the stomach V.A. Reutova Sbor, nauch.trud SOGM1 no 10 18-22 '61
- Effect of khellin and daucarine on the motor activity of the small intestine in dogs IA I Khadzhai, Farmatsev zhur 18 no.3,56-61 63
- Efferent representation of stomach in cerebral cortex of a labbit, P Tulbaev, T Zvereva, F, Takhtaev Trudy Inst. ficial. AN Kazakii SSR 10 185-189 '68.
- Secretory and exerctory functions of the stomach in thyrotoxicosis before and after treatment with J¹³¹ V.G. Spesivtseva, A.IA. Peregudova Probl. endov. i gorm. 8 no. 6 67-71 N-D 162
- GASTROPODA, FOSSIL see subdivision under Caspian Sea region; Caucasus; Tiraspoi' District

# GAUGES

Gauges for measuring the shifting of half-inget molds on machines of continuous casting. M N. Shchebrov, A I. Nivozov. Shor. trud. TSNIICHM no. 44:159-166 '66.

Indicator for controlling work of piston pump valves, R. Minets, Mash. i neft, obor, no. 11-29-30 '65.

# GAZLI GAS FIELD-GAS, NATURAL-GEOLOGY

Potential yields of basic productive horizons in Gazhi gas field. I. B. Briman and others. Gool nefti i gas field I B Berman and others gas a 10 no 12 17-21 D 50,

#### GAZLI REGION (UZBEKISTAN)-AERONAUTICS IN METEOROLOGY

threshold threshold threshold on observations from behavioral Galli region. O. A. Fripina, N. M. Romanov, R. F. Pribylov, Trudy GGO no 189 150-153 [66]. Durian course of temperature and air humidity based on gradients and helicopter observations over desert, P. A. Vorontso, and others. Trudy GGO no 189 188-193 [66].

Dust storms in Gazli region in September 1964. I. N. Romanov, O. V. Lupina, J. L. Pribylova - Frudy GGO no 189 160-162 *86

Vertical gradients of temps rature and humidity over descrit based on gradient and helicopter observations P. A. Vorontsov and others. Frudy GGO no. 189 178-180 [66]

Windregime over descrim Gazli region, V, A. Dzhordzhio and others. Trudy GGO no 189 181-187 166

#### GAZLI REGION (UZBEKISTAN)-ATMOSPHERE

Atmospheric turbidity based on observations from helicopter in Gazli region O A, Liapina, N N, Romanov, IU I Pribylov, Trudy GGO no. 189 150-153 [66]

#### GAZLI REGION (UZBEKISTAN)-AT MOSPHERIC TEMPERATURE

TEMPERATURE
Diurnal course of temperature and air humidit, based on gradients and helicopter observations over desert, P. A. Vorontsov and others—frud, GGO no. 189-188-103 '66.
Vertical gradients of temperature and humidity over

desert based on gradient and helicopter observations, P A Vorontsov and others. Frudy GGO no 189 178-

GAZLI REGION (UZBEKISTAN)—DUST STORMS Dust storms in Gazli region in September 1964, N.N. Romanos, O. A. Liapina, J. L. Pribylova – Trudy GGO no. 189 100-162 (66)

# GAZLI REGION (UZBEKISTAN)—HUMIDITY

Durinal course of temperature and all humidity based on gradients and helicopter observations over desert P A Vorontsov and others. Trudy GGO no.189 188-193 196

Vertical gradients of temperature and humidity over describased on gradient and helicopter observations P. A Vorontsov and others, Frudy GGO no.189 178-180 '66.

# GAZLI REGION (UZBEKISTAN)-WINDS

Wind regime over desert in Gazh region, V. A. D'hoi d'hio and others Frudy GGO no 189:181-187 '66

### GEAR CUTTING

Cutting bovel gears on milling machines. V. P. Ivanov Vest. mashinostr 47 no.173 Ja 167,

A device for the demonstration of the making of teeth-N. I. Mironov. Sted. spets. obt. 13 no. 7:53 J1 '66.

Manufacturing high-pracision gears E. L. Levina, N. I Borisov, V. A. Belova. Bud tekh -ekon inform. Gos nauch -issl inst. nauch i tekh inform. 19 no 12 6-8

Strength relations in milling circular spiral gear wheels with hobbing cutters. N F Vilkalov, E. N. Gulida, Tekh mashmostr. no. 1°24-34 166.

# GEARING.

Basic kinds and causes for the breakdown of gear wheels in machine tools. R. M. Pratuscyich, S. M. Mikhatlova Stan i mstr. 37 no 12:15-17 D 166.

Calculating toothed sections, A. A. Starosel'skii. Det, mash, I pod'em, -transp mash no, 1103-103 65. Conditions for the assembly of closed single-stage gear chain. T P. Filadel'fov. Vest, mashinosti. 17 no 1 35-36 Ja '67.

Continuous repair of gearbox cases, IU, Pakhomov, Takh, v sel'khoz, 27 no 161-66 '67.

Experimental investigation of working conditions of a globoidal engagement, K.I Zablonskii, I.M. Subbochev, Tekh i org. proizv no. 6:107-110 N-D '86.

Fatigue chipping on working surfaces of high-hardness gear teeth. V. P. Murashbo Det, mash, i podiem -transp mash, no 169-72 '65.

Kinematic properties of three-dimensional engagements with a point contact. V.S. Kapustina, G.I. Shevelova. Mashinovedenie no 1:86-90 Ja-F '67.

Location of the momentary helical axis of the relative motion of gear links with crossing axes O. P. Gogolev. Det, mash, i podlem -transp, mash, no 131-38 165.

Det, mash, power -transp, mash, no 1 dt-38 '65.

Parameters characterizing the running-in of teeth, V, N,

Sevruk, R, A, Balasanian, Det mash, i pod'em, -transp,
mash, no, 1:85-93 '65.

Parameters of the bodies of reducing gears with Novikov
engagement, E I, Slupskii Det, mash, i pod'em, -transp,
mash, no, 1 109-115 '65.

Selocting transmissions for reductor electric motors,
A, E, Shuster, Det mash, i pod'em, -transp mash,
no, 1,116-125 '65.

Series of tooth numbers in sets of interchangeable gear wheels V. A. Shishkov, Stan, i instr. 37 no.12;18-20 D '68.

# GEARING-LUBRICATION

Determining bubbling losses in reducing gears. A. A. Pratnitskii, R. M. Vdovin. Det, mash, i pod'em, -transp. mash, no.1;80-84 '65.

Efficiency and viscosity of the bath oil of a two-stage reducing genr V.P. Murashko. Det mash i podfem transp mash no.173-70 465

# GEARING-TECHNOLOGICAL INNOVATIONS

laye times longer, K TSaturian, Prom, Arm 9 no. 11 68 '66,

### GEARING-TESTING

Analyzing the operation of gearings in mining machines I N Kalashnikova, G I Smiakov Mash, i oboi dita mekh, i ivtomatiz tred prots v egoti, prom — no 2 224-

Designing and testing bellor-type gearings with a flexible member. V. A. Demichenko, G I Smidkov Mash, i obor, dlia mekh, i avtomatir, trud prots. v ugoli prom. no 2 267-283 165

# GEARING, PLANETARY

Using a planetary reducing gear in ventilation units, V M Zgonnik, IU I, Shapovalov Tekh, i org proizv, no 6 [10-11] N-D '66

#### GEARING, SPIRAL

Load concentration on contact lines of spiral gears, K. I. Zablonskii Det, mash 1 podtem -transp mash 100, 1; 39-17 '05.

#### GEARING, SPUR

Calculation of spur gears with involute engagement for breaking strength, K. I Zablonsku, N. A. PSetsorin, Det mash, i pod'em, -transp mash, no.1 48-53 '65, Determining contact deformation of spur gear teeth, E. I. Afrapetov, Vest, mashmostt 47 no.1, 32-35 Ja '67,

#### GEARING, WORM-STANDARDS

Russia (U. S. S. R.) Gosudarstvennyi komitet standartov, mer i izmeritel'nykh priborov. Pairs of globoidal worm gears Pary cheryfachnye globoidnye, MN 5440-64, Moskva, Izd-vo Standartov, 1964, 32 p. (SSSR, Normal' mashinostroeniia)

### GEESE-PARASITES see Parasites-Geese

N G, Zheleznova Lev vys ucheb zav ; geol, i razv, 10 no, 1 40-13 Ja '67

GENERALIZED INTEGRALS see Integrals, Generalized

GENERALIZED SPACES see Spaces, Generalized

#### GENERATIVE ORGANS

Structure of genitalia in palaearetic shrew (Sorex, Insectivora) as taxonomic character. V. A. Dolgov. I. V. Luk'ianova Zool zhu. 45 no 12:1852-1861 '66.

# GENERATIVE ORGANS-INNERVATION

Role of hormones in the regulation of correlations be tween the mammary gland and the genital system V Uzbekov. Fiziol. zhm. 52 no.12;1476-1480 D '66.

# GENERATIVE ORGANS, FEMALE-CANCER

Biochemical data in malignant neoplasms of female genitatia, S. I. Koshkina and other. Vop onk. 11 no. 1 107 '67.

# GENERATIVE ORGANS, FEMALE-INFLAMMATION

Use of ultrasound in the treatment of inflammatory diseases of female generative organs. F. D. Aniskova, S. A. Zharskaia, Sov. med 29 no 10:50-52 O 168,

# GENERATIVE ORGANS. FEMALE-TUBERCULOSIS

Sea climate and heliotherapy in the comprehensive treatment of tuberculosis of female genital organs. T. Khai-movich and others Vop kur., fiziotor. i lech. fiz. kult. 27 no. 6 544-549 N-D 162

# GENERATIVE ORGANS, FEMALE-TUMORS Evaluation of endoscopic diagnosis in oncogynecological diseases. D V. Nikolaeva. Sov. med. 30 no. 1:128-131

# GENETIC POLYMORPHISMS

Chromosomal polymorphism in the population of flies of Eusimulium latipes latipes species (Diptera). T. E. Petrukhina. Genetika no. (2:78-84 166.

Polymorphism of globulins in egg albumins of fowl, O Poder, IU G. Pavel. Genetika no. 12,120-121 166,

# GENETICS

(see also subdivision under Ukraine)

Dubinin, N.P., and IA.L. Glembotskii. [Genetics of populations and selection] Genetika populatsii 1 selektsiia.

Moskva, Nauka, 1967. 591 p.

Dubith, N. P., and V. S. Gubarev. [Thread of life, essays in genetics] Nil' zhizni; ochorki o genetike. Moskva, Atomizdat, 1966, 166 p. (Nauchno-populiarnala biblioteka stomizdate) in genetics Nit' Atomizdat, 1966, teka atomizdata)

Galsinovich, A.E. [Origin of genetics] Zarozhdenie gene-tiki Moskva, Nauka, 1967. 194 p.

Genetics and distectics. I. T. Froiov. Vop. filos. 21 no. 1 91-103 167.

Study of karyotype of children at early age. L. M. Vysotskaia. Genetika no. 145-147 '66.

GENETICS-BIBLIOGRAPHY see Bibliography-Genetics

# GENETICS-CONGRESSES

Tenth International Congress on Genetics in Country Kh P Kushner Doki TSKHA no.4549-29 399

#### GENETICS SOCIUTIES

Generation assumbly of All-Union Society of General Personal biol, nauk no 5 98 166.

# GENTHELVITE

JENTHELEVILE.
Unusual paragenesis of genthelvite and cassitelite, +, 5Galetskii Min, sbot 20 no 1 16-52 466

#### GEOCHEMICAL PROSPECTING

GEOCHEMICAL PROSPECTING

Domesy, A.N. [Methods of deep geochemical prospecting for but led deposits by secondary halos of dispersively Metodika glubinnykh geokhimlehoskikh polskov pojetke sykh mestorozbitenii po viorichnym orechni masa tindi kanokva, Gos. geol kom-t SSSR, 1965, 26 p. [Microp H.M]

# GEOCHEMISTRY

(see also subdivision under Donets Basin: Sette-Daban Rangel

Dates in Amberlites and meimechiles of Siberra, V 1, Cherepanov. Dokl. AN SSSR 172 no. 1646-641 1, 457

Distribution of nickel, cobalt, and voundium in alls devel-tes of middle Bug Valley. O. B. Fornin, Dop. Av. UR 10 no. 10:1340-1342 66.

Erlikh, E. N., ed. [Geochemistry of the Cenezole Kurll)-Kamehatka volcanie region] Petrokhlimila kalmuzulekolt Kurllo-Kamehatskoi vulkanieheskoi provintail. Musk. ... Nauka, 1966. 276 p.

Genetic series of elements of earth's crust. M.P. Boskakov, Nauch trudy TashGU no. 234. Groth met no. 20,89-96 '64.

Geochemical characteristics of complex metal deposited in western Uzbekiston. G.M Chebetarov. Nam h 1410 j. TashGU no. 234 Geol. nauki no. 2012 9-114 [161].

Kuznetsov, K. F., and G. M. Meliuv. [Geochembliy of rare elements in lead-vine deposits of eastern trans-balkalia] Geokhimiia redkikh elementov v nylutno otsinkovykh mestorozhdenliakh Vostochnogo Zabulk iPla. Moskva, Nauka, 1967, 246 p.

Mobility of components and its effect on formation of diagenetic concretions. IU. V Sharubov. Hold Ar. 59SR 172 no. 3,700-702 Ja 167.

Role of micro-organisms in formation of reduction chemical barriers on wedging out zones of herric 14 of nitization A. K. Linitan, L. G. Kuznetsova, T. A. A. 555R, Ser., geol. no. 1 dl-44 dn 167,

Some that acter fatics of goodnessiary of than  $m \circ_0 \circ_0$  actite tuffaceous facios of Dashkosan. It A. Martin of K. A. Panakhi — Dokt. AN Azerb. SSR  $-22 - m \circ_0 tI$   $-tI^{-1} \circ_0$ 

Summaries of the principal articles in 'Geochhaics et Cosmochimiles Acta" no. 1/2, 1960. Geokhimila 1 : 1 : 1 : 948-961 (61.

Supergenic influential allegation of boron in alcase of the tail Asia. V.D. Otroshchenko. Nauch trudy Loub (d) 1 1 114 Gool nauki no. 20017-121 '61.

Temporature of horon-bearing solutions in a conset development of distribute bearing sharms in conduct 1 of a multi-intrustions. N. G. Rodzimko. 1 o, s, s, t well store, good, trace. 10 no.1,36-39 Jan 901.

(see also subdivision under Volga Hydroelertric Power Station (22d Congress of the CPSU) )

Criticism of some sources of the history of Russia & odeny and entiography i tekh 42,172-181 102 5. P. Fell. Truty la t. i f . . .

Determining the curvature of certain curven in gen lany and cartography. G. M. Kirliakov. Izv. vyn. uclob. rangeod. i uerof no. 8-105-122 te2.

GEODESY-STUDY AND TEACHING see audulylaten

GEOGRAPHICAL NAMES see Names, Geographical

GEOGRAPHICAL RESEARCH see subdivision under Azorbaljan; Caucasus; Kirghizislan; Siberla, Lastera, Tuva A, S, S, R,

GEOGRAPHICAL SOCIETIES see subdivision under Azerbaljan; Kamchalka

# GEOGRAPHY

(see also subdivision under Azerbaljan; Anur Province; Khabatovsk Territory)

Study of the earth, geography, and earth sciences, 40. k. Lifeeney, 17v. Vseu, geog. ob-va 96 no. 8,567 fc. N-D 160.

GEOGRAPHY-BIBLIOGRAPHY see Bibliography --Geography

# GEOGRAPHY—CONGRESSES

(see also subdivision under Siberia)

18th International Geographical Congress in Stockholm K. A. Salishchov. Vest. Mosk. un. Ser. 5: Greg. 15 no. 1.3-12 Ja-F. 161.

# GEOGRAPHY-STUDY AND TEACHING

Verzina, A. K. [Geographical games in school, from work experience] Geograficheskie igry v shkole, iz opyta raboty. Moskva, Prosveshchenie, 1966, 60 p.

# GEOGRAPHY, ANCIENT

the earliest Greek voyages in the Atlantic Ocean, IU.B., TSn km - Vest drev, ist, no. 4-Hs-128 '66.

#### GEOGRAPHY, ECONOMIC

Vitver, I. A. [Economic geography of foreign countries]
Fkonomicheskala geografila zarubezhnykh stran.
Pod red V. P. Maksakovskogo, Moskva, Prosveshchenie, 1067, 541 p.

#### GLOGRAPHY, ECONOMIC-CONGRESSES

Congress in Stockholm. 10, G Saushkin Vest Mosk un Ser 5 Geog 46 no 113-20 Ja-F '61.

# GEOGRAPHY, MATHEMATICAL

Activities of the Section of Mathematical Geography of the Russian Geographical Society Z.R. Novokshanova Trudy Inst. list. cut. i. tekh. 12/151-171/162

# GEOLOGICAL MODELING

Micmpt of laboratory modeling fractures (lineament) of curth. O I, Charadaychanko und others, Dop, AN URSR no 10:1333-1336 466.

rolution of problems of advance of contour of mineraliza-tion and mixture of waters in evaluation of their utiliza-tion potentialities by method of modeling, 1 k, Gavich 174, vys. ucheb, 70v., genl, i m. v 10 no. 192-101 da 167. Itv. vys. ucheb. zav. , geol. i ta. v

# GEOLOGICAL RESEARCH

(see also subdivision under Caucasus; Gorkly Province; Tuva A. S. S. R.)

Information on dissertations defended from July 1, 1965 to October 1, 1986 Vest Mosk, on Ser. (Geol. 21 to 5 110-111 N-D 166

Regional geological explorations completed by the Academy of Sciences during the period of reconstruction of the national economy (1917-1925) I.V. Batiushkova Trudy Inst ist est itckh 42-212-221 162,

# GUOLOGICAL SOCIETIES

Activity of the Geology Section of the Moscoe Naturalists!

Society Bial, MOIP, Old gool 36 no 3 120-134 My-Society Je '61

Artivity of the Geology Sections of the Moscow Natural-istal Society. Blul. MOIP. Old. gool. 36 no. 5,125-132 9 0 161

### GLOLOGICAL TIME

OLOGICAL Trans.
(see also subdivision under Antarette regions;
Aragyl Valley; Balkal, Lake; Carpathian Mountains,
Chatkal Rango; Kamchalka; Marguerite Bay region;
Moldavia; Sayan Mountains; Ural Mountains; Volga
Valley; Yaroslavi Province, Yentsey Rango)

vaney; Yatobavi Province, Yentsey Ringo)
Alsolute chronology of Cenozofe gedlinents, V. V.
Cher dyntary and others. Lv. AN SSSR, Ser. ged. no. 1'
11-20 Ja '87.
Akademita nauk SSSR, Komissia po izuchenilu chetvertlelmogo per loda. [Upper Pfelstocene, stratigraphy
and absolute geochronology] Verkhnit ploistotsen; stratigraffia I absolutnaia geokhronologiia. Moskva, Nauka,
1966. 203 p.

Colemating the age of the earth's crust by the rubidiumstrontium method III, A. ShukoJiukov no, II, III 23-1026 161.

Comparison of structural data with the results of the comparished of structural task with the results of the determination of the absolute age of alkali tucks in the region of the Sea of Azov, M.P. Semenaka, I D. 1Saravetkyi. Geol. zhur. 10 no. 6 3-10 150.

# GEOLOGICAL TIME—CONGRESSES

Louth seggion of the Committee on the Determination of the Absolute Age of Geological Formations, V.I. Baranov, K.G. Krorie. Geokhimila no. 10 946-947 [6]

# GEOLOGISTS

1039es to science. V. V. Tikhomirov, L. B. Paniutina, Iv. AN SSSR, Sci. gcol. no. 1;116-114 Ja 167.

# GEOLOGY

(see also subdivision under Amur Province; Caucasus; Kabaaovsk Territory; Kobystan; Koryak Range; Mongotta; Nerpich'ye Lake region, Kamchatka; Siberia, Eastern; Sredinnyy Range; Stolbovoye Lake

Aleksandrova, L. N., O. A. Naidenova, and O. V. IUrlova,
[Fractical course on the fundaments of geology]
Praktikum po osnovam geologii, Moskva, Vysshaia
shkola, 1966, 151 p.

Contribution of the geologists of the Moscow Naturalists' Society to the 22d Congress of the CPSU. Biul, MOIP. Old. geol. 36 no. 5:3-6 S-O '61.

Rotation principle as applied to geological processes. O.I. Bilamov. Nauch trudy TashGU no.234. Geol. nauki no 20:207-211 *64.

Some problems of methodology in geology, M.P. Semenen-ko, Cool zhur. 21 no. 2:3-12 161.

Slidy of the earth, Leography, and earth sciences, IU, K, Livemov, Izv. Vaes, goog, ob-va 98 no. 6;507-509 N-I) 166,

Works of Mikhail Lomonosov on the science of the carth. A.V. Khabakov. Brul. MOIP. Otd. gool no. 5.7-54 S-O '61,

# GEOLOGY-ABSTRACTS

[Geology] Ref. zhur. Geol. no. 2 F '67.

GCOLOGY-BIBLIOGRAPHY see Bibliography-Geology

# GEOLOGY-CONGRESSES

(see also subdivision under Moidavia)

International Geological Congress, 21st, Copenhagen,
1060. Transactions. Translated from English, German, and French Trudy. Pod red. D.P. Naldina is E.V. Pavlovskogo. Moskva, Ld-vo mostra. Ill-ry.
No.1. [Stratigraphy, paleontology, and paleogeography] Stratigraphy, paleontologia i paleogeography. Stratigraphy and paleogeography in 1963. 573 p.
Meetings of the International Mineralogical Association during the 21st Session of the International Geological

during the 21st Session of the International Geological Congress F V. Chukhrov Zap Vbc5 min ob-va 90 no 1 123-127 161

Mineralogical and petrographical problems at the 21st International Geological Congress S.P Rodionov Geol zhur 21 no 1103-108 161

Resolutions of Second Session of Symposium 'Volcanic Plutonic Formations and Their Ore Potential," Izv. AN SSSR, Ser gool, no. 1135-136 Ja 167,

Work of the 21st Session of the International Geological Congress, M.P. Semenanka, S.P. Rodionov Geol zhur 21 no 195-96 161.

GEOLOGY-ECONOMIC ASPECTS see subdivision under Turkmenistan

### GEOLOGY-NOMENCLATURE

Classification of geological sciences D B, Sarkisian Vest obshehesty, nauk AN Arm, SSR no 4 56-63 Ap 166,

# GEOLOGY, ECONOMIC

Half measures are not enough for the goal. G Kreslav-skii, Part, rhizn no 419-24 F 167

#### GEOLOGY, STRATIGRAPHIC

(see also subdivision under Akhaltsikhe region, Georgia: Aldan Plateau; Badkhyz Upland, Black Georgia; Aloni Flateau; Datchiya Johan, Black Sea Depression; Black Sea Lowland; Bug Valley, Caspian Lowland; Caspian Sea region, Dhiester Valley; Dobruja; Donets Valley; Irmennyy Peninsula; Kara Sea; Kanabil' Upland; Maya Valley; Moldavia; Ossetia, North; Pambra, Penzhinsk Range; Prut Valley; Siberia; Siberian Platform; Tajikislan; Talar A. S. S. R.; Transcaucasia; Turkmenistan; Uchui Valley; Ukraine; Ural Mountains, Voi khoyansk Range; Yakulia)

Akademiia nauk SSSR, Komiseia po izucheniiu chet-veriichnogo perioda, Upper Pleistocene, stratigraphy and absolute geochronology] Venkhnii pleistotsen, strati-grafiia i absolutnala geokhronologiia. Moskva, Nauka, 1866.

Borcal Lower Hauterivian, A. N. Ivanov, V Dokl, AN SSSR 171 no. 6-1402-1404 D 466.

Boundary between Aptian and Albian sediments, M. I Sokolov. Dokl. AN SSSR 167 no 2 402-105 Mr 166 Correlative value of the terrigenous minerals in central provinces. I. D. Zikhus. Blut. MOIP Old. geol 36 no. 3 102-107 My-Je 161.

International Geological Congress, 20th, Mexico, 1956, [Cambrian system, Hs paleogeography, and the problem of lower boundary, a symposium) Kembrilskala sistema ce paleogeografila i problema nizhnei granitsy; simpo-

zum. Moskva. Vol. 3. [Western Europe, Africa, U.S.S.R., Asi America] Zap. Evrope, Afrika, SSSR, Aziia, Amerika. 1961. 515 p. [In 5 languages]

Statement, A.I. Moskvitin Trudy Kom chety per, 16-218-222 [6]

Statement, L. N. Vozniachuk. Trudy Kom. chetv per. 16:222-226 |61.

Statement, M.N. Grishchenko, Trudy Kom, chety per 18-210-213 [6]

Subdivision of unified stratigraphic scale of Pie-Cambrian, B. M. Keller. Dokl. AN SSSR 171 no. 6;1405-1408 D

# GEOLOGY, STRATIGRAPHIC-CONGRESSES

Information on work of Mediterranean Sea Mesozoic Committee in field of nomenclature of Jurussic system. By, AN Mold, SSR no. 8;82-84 105.

Pre-Cambrian correlation, M. P. Semenenko, Geol. zhur, 21 no.1 97-98 161,

# GEOLOGY, STRUCTURAL

EOLOGY, STRUCTURAL
(ace also subdivision under Altai Mountains,
Apsheron Peninsula region; Armenia; Azov-Kuban
region; Baku Bay; Carpathian Mountains; Crimean
Mountains; Dnieper-Donots Lowland; Donets Basin;
Mountains; Dnieper-Donots Lowland; Donets Basin;
Mountains; Dnieper-Donots Lowland; Donets Basin;
Mountains; Olare Sales, Kamenaika;
Karatau;
Khram Valley; Krivoy Rog Basin; Kurile Islands;
Kuznetsk Alafau; Lera Valley; Nikopol' region,
Ukraine; Okumi Valley; Patom Plateau; SikhotoAlin' Range; Turan Plateau; Ukraine, White Russia)

Classification of rocks according to fractured structure and large hump content in the massif. V. K. Rubisov. Vzryv.delo no.61/81;117-120 '66.

Concepts of V.I Vernadskii and recent tectonics. V I Nauch trudy TashGU no 234 Geol nauki no 20: 22-28 '64

Gravity effect of the moon and sun on crustal tectonics crust F. P Beliankin Geol zhur 21 no 1 3-24 fel

Rudnik, V.A. [Atomic volumetry as applied to metasomatic formation of minerals and rocks] Atomno-ob'emnyi metod v primenenii k metasomaticheskomu mineraloi porodoobrazovaniiu. Leningrad Nedra, 1966 117 p

Use of heat parameters as one of methods for precision of boundarites in tectome regionalization. V N Sobolecvsbaia, F A Makatenko, IU O, Bogornolov. Dokl. AN SSSR 171 no. 4 941-947 D 166.

Van'ian, L.L. [Establishment of the electromagnetic field and its use for the solution of the problems of structural geology | Stanovlenie elektromagniinogo polia i ego ispol'zovanie dila resheniia zadach struk-turnoi geologii. Novosibirs, Nauka, 1966. 101 p.

# GEOMETRICAL DRAWING-STUDY AND TEACHING

Criving attention to the students' training in geometrical drawing. V. V. Bykov Shkoln i proizv 10 no 12 66-67 D 166

The students' most frequent mistakes in geometrical di awing N M. Krechko Shkola i proizv 10 no 12 46  $^{\circ}$  40 D  $^{1}66$ 

### GEOMETRICAL OPTICS see Optics, Geometrical

#### GEOMETRY, DESCRIPTIVE

Drawing a panoramic perspective, V. F. Goran Shor nauch trud LISI no. 36:57-68 *62

Drawing a perspective on an inclined picture plane by the method of bounded pictures (without using points of convergence) A IA Zimetnyi Shoi nauch trud LISI no. 36 5-13 162.

Drawing on an inclined picture plane perspectives of vertical lines and their segments in the absence of points of convergence (F3) of these perspectives. A IA Zmetnyi. Shor nauch trud, LISI, no 36 14-16 162

Drawing perspectives of shadows in the absence of points of convergence of vertical line perspectives A Li Zmetnyi Sbor nauch trud LISI no 36 17-18 '62

Drawing relief images in a cylindrical layer, V I.Alek-secva Sboi nauch trud. LiSI no. 36 69-75 '62

Drawing vertical projections of the contours of shadows of solids of revolution (architectural details) using a "triangle of shadows," N K lodkovskala Sbor nauch, trud LISI no 36 47-56 *62

Linear transformations in a system of linear mappings of four-dimensional space K.I Val' kov. Shor nauch trud LISI no 36 76-85 '62

Mutual transformation of perspective and axonometric projections N. V. Belov Shor nauch trud, LISI no 36 35-16 '62

Mutual it ansformation of perspective images on a vertical picture plane connected with changes in the position of the point of view N. V. Belov Sbor nauch trud LISI no 36 27-34 162

Solution of metric problems in description geometry K I Val'kov. Shor nauch, trud LISI no. 36 86-95 162.

Use of the theory of perspectives on inclined planes in the projection of high monumental sculptures, comments on the distortion of artistic forms, A.IA. Zmetnyi Sbor nauch trud, LISI no. 36 19-26 *62

# GEOMETRY, DIFFERENTIAL

Asymptotic behavior of the number of closed geodesics on compact manifolds of negative curvature 1A. G. Sinar Izv AN SSSR, Ser. mat. 30 no 6:1275-1296 168.

Differential geometry of curves in a space of constant curvature, V. I. Mashanov, Trudy TGU 181-113-125 '65,

Differential geometry of one-parametric families of planes in spaces of constant curvature, V. I. Mashanov, Trudy TGU 181-164-112 '65. Geometry of a vector field. V.P.Dolgovykh. Trudy TGU

181:76-82 '65. Manifolds of algebraic figures. V.S. Malakhovskii. Trudy TGU 181-5-14 '65.

Some problems in equiaffine geometry of a vector field, V. V. Slukhaev. Trudy TGU 181:68-75 '65.

# GEOMETRY, DIFFERENTIAL—PROJECTIVE

Projective differential geometry of a complex of straight lines, R.N. Shcherbakov, G.P. Bochillo, Trudy TGU 181:24-33 '65.

GEOMORPHOLOGY see subdivision under Caspian Sea region; Kamchatka; Kara-Bogaz-Gol (Gulf) region; Karabakh Upland, Korch Peninsula; Kuchurgun Valley; Mingechaur Reservoir region; Prut Valley; Pskem Valley; Smolensk Province; Turkmenisian

GEOPHYSICAL RESEARCH see subdivision under Antarctic regions

along gravity and magnetic anomalies G. I. Karataev, IU, M. Gusev, A. V. Chernyi Izv, AN SSSR, Fiz zem, no, II 45-54 186 Correlation scheme of formation of geological elements

#### GEOPHYSICS (Continued)

One new method or inversion or Laplace to incloum and its application in good by sical prospecting V N khov. 12v AN SSSR Fiz zem no 11 68-76 (66

[Radiogeodetic works in geophysical surveys, a practical manual] Radiogcodczicheskie tabot, pri geofizieleskikh s'emkakh, praklicheskoe posobie, Moskva, 1965. 223 p.

#### GEOPHYSICS-CONGRESSES

International seminar of geophysicists of European socialistic countries L. I. Antoniul Neft. i ga., prom no 6:51-52 N-D '66.

# GEORGIA-ADMINISTRATIVE AND POLITICAL DIVI-

[Georgian S.S.R., administrative-territorial divisions as of January 15, 1966] Gruzinskaia SSR, admini-strativno-territorial not delenie na 15 manaria 1966 goda 17d, 3. Tbilist, 1996 275 p.

#### GEORGIA-BIRDS

Distribution of some binds in Georgia R. G. Zhoudanila. Soob, AN Gruz SSR 26 no 6 731-738 Je 161

GEORGIA-BUILDING-TECHNOLOGICAL INNOVATIONS Managed Innovator of the Georgian S.S.R. B.E. Zingman. Transp stroi, 16 no. 4 33 Ap 466.

### GEORGIA—CITRUS FRUITS—FERTILIZERS AND MANURES

Increase in hipgenic activity of peat compost and its effect on citrus yield M.Z. Machavariani, M.Z. Dzhordzhadze Soob AN Gruz, SSR 14 no 2-453-159

#### GEORGIA-COMMUNIST PARTY OF THE SOVIET UNION-PARTY WORK

For the purpose of improving party propaganda. Part, zhizni no 4 63-64 F 167.

#### GEORGIA-COMMUNITY CENTERS

A house of culture in every village. A Vumer, Inform, but VDNKH no 12 40 D '66

# GEORGIA-CRIMINAL LAW

Some characteristics of the criminal codes of the Ukrainian and Georgian Soviet Republics D. IUI ovskii, M. Ko-mikhidze Sots 24kon. 38 no 7.24-30. Jl. 61

# GEORGIA-ECONOMIC CONDITIONS

Basic phases in the economic development of the Georgian S S R N. S. lAshvili Uch zap kah, -Balk gos un no 27 187-226 '65

### GEORGIA-ECONOMIC POLICY

Basic problems of the economic development of Georgia in V I Lenin's work N M Theshelashvili Trudy Thil. GU 112 21-45 165

# GEORGIA-EPHEDRA

Study of chemical composition of Ephedia L. growing in Georgia. TS N. Zhgenti Soob. AN Gruz. SSR 44 no 3:631-636 D '66.

# GEORGIA-EULAMELLIBRANCHIATA, FOSSIL

New forms of Pontian Cardidae of Georgia I. G. Tak-takishyili Soob AN Gruz. SSR 44 no. 2,357-363 N 466.

# GEORGIA---FEEDS

Ways for improving the processing and enrichment of mixed feeds in Georgia, M. Armer. Muk -clev. prom 26 no 413-15 Ap '50.

# GEORGIA-GLAUCONITE

Mine: slogy of glauconites of Georgia. G. I. Nasidze. Soob. AN Gruz. SSR 44 no 2:349-356 N 466.

# GEORGIA-HISTORY-SOURCES

Establishing the correct text of the opening part of "Kartijs tekhovi eba." S.S. Kakabadze. Palest.shor. no 15 172 -190 '66.

# GEORGIA-LAKES

Study of genesis of blocked-up Lake Kyedi. Soob. AN Giuz.SSR 44 no.3:837-642 D '66.

# GEORGIA-PALEOGEOGRAPHY

Paleogeography of Chiatura-Chkhart-Adzhameti zone in Oligocene and Lower Miccase D. G. Chelidze. Soob. AN Gruz.SSR 44 no 3:657-561 D '66.

# GEORGIA--PEASANTRY

Main categories of the peasantry of Georgia in the first half of the 19th century. A. IA. Pantskhava, Trudy Tbil GU 112.169-187 '65.

# GEORGIA-PEAT-MICROBIOLOGY

Increase in biogenic activity of peat compost and its effect on citrus yield. M. Z. Machavariani, M. Z. Dzhordzhadze. Soob. AN Gruz. SSR 44 no. 2:453-459 N '86.

# GEORGIA-PLANTS, EFFECT OF ULTRAVIOLET RAYS

Ultraviolet radiation in Tiflis and Bakuriani, N.F. Kacharaya. Soob. AN Gruz. SSR 44 no. 2:433-436 N '66.

#### GEORGIA-PLUM-VARIETIES

Western Georgia plum varieties for the production of pulp junces. 6, P Kimmia. Fons, i ov prom. 17 no 3 25-28 Mt. 462

# GEORGIA—POLITICS AND GOVERNMENT

Instory of the establishment and development of the Soviet Goo gain state, V V Pakosadile. Sov. gos 1 pr 190 no 1 82-87. Jn. '67

#### GEORGIA---POPULATION

Some undiverse of the dynamics of the population of the Geor-gian S. S. R., 1939, 1959. Sh. F. Beradzi. Trudy Tbil GTF U2 153-167 165

#### GEORGIA—RETAIL TRADE

Volume, dynamics and structure of the tip nover of goods of relatification of the Ministry of Trade of the Georgian S S R G N, Dahulakidze Frudy Thil GU 112-115-151-165

# GEORGIA---REVOLUTION, 1917-1921

History of the establishment and development of the Soviet Georgian state V V Pakesadvi, Sov gos, i pravo no. 1 22-87 Ja 467

# GEORGIA-SOILS-IRON CONTENT

Some characteristics of the distribution of from in brown forest soils of Georgia T. F. Urushadze. Pochvovedunic no 1 18-58 Ja 167

### GEORGIA-THERAPEUTICS, PHYSIOLOGICAL-CON-GRESSES

Reporting session of the Institute of Health Resort
Therapy and Physiotherapy of the Georgian S. S. R.
M. S. Dzhugell Vop kur fizzoter i lech fiz knit 11 M, S, DzhugeH V

### GEORGIAN ILLUSTRATORS see Diustrators, Georgian

# GERBILS-DISEASES AND PESTS

Effect of the environment temperature on the skin temperature and the course of cutaneous leishmaniasis in gerbils Rhombomys opimus Licht and Meriones Bbycus Licht I., N. Plisecy, M. V. Strelkova Med. para. i pm ar bol 35 no 6 696 - 705 N-D 466.

#### GERIATRICS

Characteristics of the development of hyporemia and the effectiveness of its elimination in elderly persons
V M Volkov Piziol thur 52 no 11 1353-1455 N 166,

# GERMAN, PETR ANDREEVICH, 1868-1925

P. A German, M. Mikhatlova. Nar. obr. no. 2:82-84 F '67,

# GERMAN DEMOCRATIC REPUBLIC sec Germany, East

GERMAN FEDERAL REPUBLIC see Germany, West

# GERMAN LANGUAGE-FOREIGN WORDS AND PHRASES-

English borrowings in modern German. O.I. Dmytrova ka Inoz.filol. no.6;101-105 '66.

#### GERMAN LANGUAGE-FOREIGN WORDS AND PHRASES-RUSSIAN

Phonological adaptation of lexical borrowings. O. M. Rot. Inoz. filol. no.6:7-11 166.

# GERMAN LANGUAGE-HOMONYMS

Methods for the formation of homonyms; materials from the German language V L Silin. Nauch dobl. vys. shkoly; filel manki 5 no. 1.78-88 162.

# GERMAN LANGUAGE-OLD HIGH GERMAN-VERB

Free and bound word meanings; synonymic correlation of the Old High German verbs "frean" and "glskehan," V L.Silin Inor fflol no 6-88-95 '66.

# GERMAN LANGUAGE-ORTHOGRAPHY

Reform of the orthography of the German language, A. Valasinas. Vop. iaz. 15 no. 6 140 N.D '66.

# GERMAN LANGUAGE-PHONETICS

Phonetic peculiarities of the German language in the works of Hans Sachs. M.Z. [Atsil. Incz.filol. no.6;75-81 '56.

# GERMAN LANGUAGE-PHONOLOGY

Phonological adaptation of lexical borrowings. O. M. Rot. Incz. filol. no 6:7-lk '66.

# GERMAN LANGUAGE-PRONOUN

Characteristics of the basic groups of the pronominal system of the parts of the parts of speech in model a German, D. A. Kozhukhar¹, Inoz. ffiol. no. 6:65-74 '66.

# GERMAN LANGUAGE-STUDY AND TEACHING

The principle of feasibility in studying a foreign language. M, N. Sheper. Vech, sred, shkola 9 no. 3:76-80 My-Je

# GERMAN LANGUAGE-STYLE

Characteristics of linguistic differences of various genres of writing. N. N. Semeniuk. Vop. laz. 15 no. 6 66-70 N-D '66,

#### GERMAN LANGUAGE-SYNTAX

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Semantic characteristics of parenthetic classes in the German S V. Kysla Inov filol. no 6 82-44 face

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#### GERMANIC LANGUAGES-LEXICOLOGY

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# GERMANIC LANGUAGES-PHONEMICS

Common Germanic /h/ and some regularities of reschanges. A S Liberman. Vop for no.1411 H1 % t. F 167.

### GERMANIC LANGUAGES-PRONOUN

Generis of Germanic personal pronouns from the president point of press (V. IA, Myrkin Vop. in , 15 no both 75 N-D '66

# GERMANIC LANGUAGES-SEMANTICS

Identification of clements of lexical-semantic attacks: M. M. Makoyskit. Vop. (az. 15. no. 6.36-17.2) in the

# GERMANITE—OPTICAL PROPERTIES

Measuring optical constants of germanite and penical to L. A. Logmova. Frudy IMGREP no. 12/1-244/100

#### GERMANIUM

Diffect of electric field on chemiser piten of molecules of the surface of germanium- V. I. Liechenko, A. Y. et al. I. I. Stepko | Kin 1 bot | 7 no.6;1006-1008 | N. D. do Cenetic types of germanium-benting deposito, A. Schukova, Trudy MGRI, no. 4;174-184 | 600

Interaction between germanium and germanium telt tehto ide. A. N. Kochabeev. 1. A. Pirmanovi. D. 1. C. SSR 171 no. 6(1)37-1340 D 566.

### GERMANIUM—SPECTRA

Pxt insic photoconductivity of gen mantan depol with antimony, an senior boton, and indiam. 1, M, 1 (6) (1) F, IA, Nad', V. I. Sidoroy. Fig. Aver del vittim, H (1) (1) (1) 3212 N '66

#### GERMANIUM-THERMAL PROPERTIES

Temperature dependence of the Holl coefficient at a constant current curriers concentration. R. M. V. (20) kyl. O. H. Mischiek. Ukr. fiz. zhur. 1 no. 507 I V. S-O '50.

# GERMANIUM ALLOYS-THERMODLECTRIC PROPERTIES

Thermoelectric properties of the solid solution (1947) GeSe. V.B Antonov, IA, N. Nasirov, 17v. All Actual SSR. Ser . fiz-tekh. i mat. nauk | no. 4;70-01 | 66

#### GERMANIUM-BERYLLIUM ALLOYS-- ELECTRIC PROPERTIES

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# GERMANHIM CHLORIDES

theraction between germanium and gramonium (C) as chloride, A, N. Kochubeck, L, A, Firmano, C, D * | 24, SSSR 171 no. 64337-1340 D '66,

# GERMANIUM COMPOUNDS

Synthesis of vinultrimethylgermane, N. 9, Kan etkt Dungartian, L. 1, Tikhonova, Dokl. AN 554R 15. 1 1 615-617 Jn '67.

# GERMANIUM COMPOUNDS-ELECTRIC PROPERTIES

Relation between catalytic and electric properties of germanium and its isoelectronic analogs, I ,50, 11s a novskaia, I, A, Kinovskaia, Trudy TGB isi5 / Pratt *1.0

# GERMANIUM CRYSTALS-DEFECTS

Diffusion of antimony in epitaxial layers of grants C.S. Kulikov, C.I. Givon gizov. Fiz. tvet dels F 3344-3340 N 66.

Effect of uniaxful compression on radiative tree of the setion in germanium. A. A. Kastal'skii, L. N. Kurgita . . Fiz. tver. tela 8 no. 11:3177-3180 N '65

Interaction between radiation defects and district out to germanium. V.V. Khainowskata, L.S. Smirnov. I.a. tvon. tela 8 no. 11:3403-3404 N '60.

# GERMANIUM-MERCURY ALLOYS-ELECTRU-MAGNETIC PROPERTIES

Lifetime of minority carriers in germanium dope to a 3 % mercury. M. I. Iglitsyn. E. S. IUrova. Pizzbec. 1-2.

#### GERMANIUM ORGANIC COMPGUNDS see Office. :germanlum compounds

Determination of codmium and lead in germanicae of the same by means of amalgam polar ography with stories . A L. Kamenev. E. N. Vinogradova, V. N. Figur wakita . V. 1. Mosk.un.Ser.2; Khim. 21 no.6:115-115 N.D YC

# GERMANY-NERVOUS SYSTEM-DISEASES

Review of the book "Fifty years of neuropathology in Germany (1985 - 1985)" E IA Shteinberg Zhurinevi 1 pailsh 62 no 101746-1717 162

# GERMANY-WAR CRIMES TRIALS

The tuschwell/ brials, Otalkraus Nov vrem, 25 no 9: 23 P 407.

# GERMANY, EAST-CAPITAL LEVY

Payment for production funds and its effect on the remothly of the Democratic Republic of Germany, F. Languer, Fin. SSSR 40 no 12,79-84 D '66.

#### GERMANY, CAST-COMMERCE.

Fromomie ties of foreign trade with industry in the Demo-cratte Republic of Germany, V. Voitov, Vnesh lorg 16 no. (2.20-30-46).

# GERMANY, EAST-FERTILIZERS AND MANURES

lertilizers and crops in the Gorman Democratic Republic, V.A. Paterburgskii Agrokhimlia no 1416-158 Ja ¹67.

#### GLRMANY, EAST-FOOD, CONCENTRATED-PACKAGING

Packaging equipment for food concentrates, V.I. Kozhorov Fons, I ov. prom 21 no 12 31-33 D 166

# GERMANY, EAST-FOOD INDUSTRY

Production building for food concentrates plant. Prometrol, I inch. soon. 8 no. 6:32 N-D 466.

# GERMANY, EAST-HISTORY

Doe nberg, Stefan, [The birth of a new Germany, 1945-1919, Translated from the German] Rozhdenie novol Germanii, 1945-1949, Vstup, stat'ia G.S. Sogomoniana, icd. E. N. Petrunin, Moskva, Izd-vo Inostr. lit-ry, 1952, 527 p. 527 p.

#### GERMANY, EAST-INDUSTRIAL MANAGEMENT

Payment for meduction funds and its effect on the recommy of the Democratic Republic of Germany, E. Langmar. Fin. SSSR 40 no. 12:79-84 D '66.

### GERMANY, EAST-INDUSTRIES

Feonomic ties of foreign trade with industry in the Demo-cratic Hopoblic of Germany. V. Voitov, Vnesh, torg 46 no. 12(28-30-46).

#### GERMANY, EAST-SHIPBUILDING

Development of vertical hydraulic ship raisers in ship-yards of the German Democratic Republic. G.N. I inholf. I., G. Ianoshavich. Sadostroonic 27 no.1;65-68 Jn ¹61

# GERMANY, EAST-SOILS-ANALYSIS

Panulkov, V.D. [Knowledge of soil and plant requirements as the brais of the efficient use of fertilizers, from practices in agriculture of the German Democratic Republic] Znante pochv i potrebnostel rastenti-osnova ratsional nego primenentia udobrenti, iz opyta sel'skogo khoziatsiva GDR, Moskva, 1966, 65 p. (Sel'skokhoziatstrenanta nauka i praktika za rubezhom, 14)

# GERMANY, WEST-CARICATURES AND CARTOONS

Lessons of history | Burlak. Agitator no. 17 25 S 162.

# GERMANY, WEST-DEFENSES

Bonn lengs to go to war, A. Nosenko, Komm, Ukr. 36 no. 9:39-48 S '60,

# GORMANY, WEST-DESCRIPTION AND TRAVEL

Innth lov, E. [Not at all Wunderkinder] Sovsem ne vun-derkludy [Moskva] Molodaia gvardila, 1966 111 p (Rovesnik slagaet po planete)

# GERMANY, WEST-ECONOMIC CONDITIONS

A "hangover" on the Rhine; letters from Bonn. A. Griportionts. Nov viera, 25 no. 5 t8-19 Ja 167

# GURMANY, WEST-ECONOMICS

Problem of conomic growth in West German bourgoots political economy, V. Kotov, Mir, ekon, i mezhdunar, otn. no. 2:64-73 (67.

GERMANY, WEST-FASCISM Irrefutable documents. Of Kuznetsova, Nov. mir 38 no 10/264-266 O '62

# GERMANY, WEST-FOREIGN RELATIONS-FRANCE

Ricsinger in Paris. L. Illin. Nov. viem. 25 no. 6 20

# GERMANY, WEST—GUIDED MISSILES

Antitank guided missile in defense, I. IAkoviev, Voen. vest. 41 no. 0:121-122 Jc '61.

# GERMANY, WEST-MEAT INDUSTRY

Organization of the production and labor in the meat industry of the German Federal Republic, L Sorochkin Mins, ind, SSSR 38 no. 1.44-45 Ja 167.

# GERMANY, WEST-MILITARISM

The German question and our time P Kriukov. Mezledunar zhizn' 11 no. 243-21 167

Moral corruption of young souls. G. Derchsel. Mol. Form no. 6 108-113 Je +61.

# GERMANY, WEST-MOTORTRUCKS

The "Unimog" motortrucks and their use in West Germany M A. Klement'ev, Avt prom 32 no 12 41-42 D '66

# GERMANY, WEST-PESTICIDES

Some trends in the production and use of pesticides in the German Federal Republic PV Popov Khim v 90P, khoz 5 no 175-76 Ja 167

# GERMANY, WEST-POLITICS AND GOVERNMENT

Bonn longs to go to war. A. Nosenko. Komm. Ukr. 36 no. 9; 19-18 9 '60.

The Federal Republic of German, the government is now, but the policy? M Voslenskii, Mir. ekon i mezhdunir, otn no 2 96-98 '67

The German question and our time, P Kriukov Mezhdima: zhiznt 14 no 2 13-21 167

It refutable documents, O. Kuznetsova Nov mir 38 no 10 261-266 O 462

Poisonous shoots A.Rachkow, Agutator 34 no. 4:56-58

A pretender to the role of "Adolf the Second, "  $\Lambda$  Blank, Nov, vram = 25  $_{-0.6}$  Ge-27  $_{-}$  F [67]

# GERMANY, WEST-PRESS

The Springer Concern. A.A. Demin. Vest. LGU 21 no. 23 41-49 '66.

# GERMANY, WEST-RAILROADS-TIES

Mechanization of tie impregnation process in plants of the Pederal Republic of Germany, D. P. Belov Put' i put khoz 10 no 7,45-47 '86

### GERMANY, WEST-SOCIALIST PARTY

Social characteristics of Christian cinics in the "demo-cratic socialism" of the German Social Democratic Party, V.I.Hur, Pyt.ateiz no.1111-116 '85

#### GERMANY, WEST-WAR CRIMINALS

1969 is not too far away. G Aleksandiov. Nov yiem, 25 no. 7 17-18 F 167,

### GERMANY, WEST-YOUTH

Dmitriev, E. [Not at all Wunderkinder] Sovsem ne vun-derkindy [Moskva] Molochtia gvardila, 1968—111 p (Rovesnik singaet po planete)

### GERMINATION

(see also subdivision under Pamirs)

Biology of seed germination in some decorative wild plants of Turkmenia M B Ataeva, Izv. AN Turk, SSR Ser, biol, nauk no 5 40-44 '66,

Effect of low temperatures on the germination of Norway spruce seeds. IU. A. Zlobin. N. P. Grosheva lzv vysuchch.zav , les. zhur. 9 no 6:13-17 '66.

Studying the field germination of pine and spruce seeds, D. P. Zaborovskii Sbor, nauch -igsl, rab, polles, khoz no. 6 264-277 '63,

# GEYSERS see subdivision under Nalacheva Valley

# GIARDIASIS

Appendicular form of lambitable. A.A. Dyskin. Khirurglia 38 no. ll: 127 N 462,

# GIBBERELLIN

Configuration of isomeric 2-keto-4-methosy derivatives of gibberellin A methyl ester. I. A. Gurvich and others, Izv. AN SSSR, Ser. khim. no 12:2233-2235 '66,

Direct of gibberellin on the content of nitrogen, phosphorus, and potassium in hemp plants. N. I. Likushkina, V.N. Kinianin. Agrokhimita no. 1·130-135 Ja ¹6? Effect of gibberellin on the photosynthesis and carbolydrate metabolism in tree species. D. A Komissarov, L. P. Shteinvolff, Stor. nauch. -issl. rab poles, khoz no. 6:253-299 ¹63.

Effect of gibberellin on the virus X of potatoes in vitro and in vivo L. K. Zherebchuk. Trudy KHSKHI 56:130-135 '66.

Gibberellins and gibberellinlike substances from culture fluid of Fusarlum moniliforms. V, N, Agnistikova and others. Mikrobiologija 35 no.6;1037-1043 N-D '66.

Role of gibberellins in photoperiodism processes and plont vernalization. M.Kh. Challakhian. Biol. zhur. Arm. 19 no. 12:3-14 D '66.

# GILYAKS see Nivkh

# GIRDERS

Diagonal impact on mass attached to continuous beam, M. V. Biokh. Stroi, mokh, 1 rasch, soor. 9 no. 1.41-44 167.

Faijgue cracks in the lower zones of steel crane beams. A.A.Bati. From. stroi. 38 no. 12 54 - 55 '61.

Space loading of spans with various numbers of dia-phragms. E. I. Shill man, A. P. Varvak, A. A. Potapkin, Transp. stroi, 16 no. 4.44-45 Ap 166.

Using mathematical methods in investigating later-consuming processes. M.C. Karasib Transp stroit 16 no 1 38-34 \p 166.

# GIRDERS-ELASTIC PROPERTIES

Calculating clastic supports in steel reinforced concrete beams, B P. Markov. Transp strot 16 no. 1 12-43 to 166.

# GIRDERS-VIBRATION

Dust easing dynamic leading from solection with the help of relie ing harms. M. Sankin Promestrof, 1 and, 1 and, 5 son. 8 no 6 H-12 N-D he.

Random vibrations of a beam allowing for energy losses and geometrical nonlinearity. V. M. Houcharento, Dop. and geometrical nonline and AN URSR no 10 1267-1271 '66

Vibration strength of I-beams of dead most convertor strell, E V Gorokhov Prom street, 44 no 12 37-39 166

Vibrations of three-layer beams, 41 Smirney Bold 4N SSSR 175 no 3 561-564 Jul 167

#### GIRDERS-WELDING

Plant manufacture of prefabricated webled spin structures. G. J. Mamlin, K. S. Pitanova, J. S. Orlov Transp. stroi. 16 no 2:21-23 I '66

Production of low T-sections for welded broad Hange beams A & Kazimitos, A A Nefedov, Staff 21 no H 1991-1995 N 181

#### GIRLS

Jackiewicz, Elzhieta. [What every girl desires to know. Translated from Polish] O chem khochet znat kazhdaia devushka. Moskva, Meditsina, 1966. 30 p. (Nauchnopopultarnaia meditsinskaia literatura) (DNLM)

# GISSAR RANGE—ALPINE FLORA

Taluses of Giasar Range highlands in the vicinity of Anzob Pass and their vegetation A. Dzhuracy Izv. Otd, biol, nauk AN Tadzh, SSR no. 4.47-53 '66,

# GISSAR RANGE—GEOLOGY, STRUCTURAL

Some characteristics of Lover-Cretaceous structural plan of southwestern spurs of Gresar Range E I Zal'tsman, Izv vys ucheb zav., geol i razv. 10 no 1 12-21 Ja [6]

# GISSAR RANGE—GRANITE—ANALYSIS

Petrochemical characteristics of granitoids of southeestern spurs of the Gissar Range, I. M Isamukhamedov, P.D. Kupchenko, Nauch trudy TashGU no.231, Geol. nauki no.20:135-161 '61.

# GISSAR RANGE-ORE DE POSITS

Some geochemical indications of relation of mineralization to igneous activity in Southwestern part of Gissar Range. B. F. Vasilevskii. Nauch. trudy TeshGU no 234. Geol. nauki no 20:29-40 '64.

# GISSAR RANGE-ROCKS, IGNEOUS

Some geochemical indications of relation of mineralization to igneous activity in southwestern part in Gissar Range. B.F. Vasilevskii Nauch, trudy TashGU no 234 Geol. nauki no. 20:20-40 61.

# GISSAR RANGE—ROCKS, IGNEOUS—ANALYSIS

Some data on acid effusives in region of Kyzyl-Dar ya River (Gissar Range). V A. Pimshina. Nauch trudy TashGU no.231. Geol. nauki no.20:164-176 '64.

# GISSAR RANGE-SCALE INSECTS

Supplement of fauna and hiology of scale insects (Homoptera, Coccoiden) of Kondara gorge. B. Bazarov, Izv. Otd. biol. nauk AN Tadzh. SSR no. 4/78-86 /66.

# GISSAR RANGE-SOIL MOISTURE

Size of soil layer under calculation, E.V. Chaporskaia, Lev. Otd. biol. nauk AN Tadzh. SSR. no. 4 108-111 '66.

# GISSAR RANGE REGION-METAMORPHISM (GEOLOGY)

Processes of metamorphism of sedimentary and effusive formations in region of Chinarruvzskaya intrusion N P.Kholopov. Nauch trudy TashGU no.234 Geol. nauki no.20,177-195 ¹64.

GLACIAL EPOCH see subdivision under Savan Mountains; Sredinnyy Range

# GLACIERS

(see also subdivision under Altai Territory, Kamchatka; Kazakhsian, Sredinnyy Range)

Surface travel time curves of reflected waves in aniso ropic media, G.S. Kravtsov, Trudy TGU 184:130-137

# GLACIOLOGY-CONGRESSES

Problems of glacier morphology and paleogeography at the 19th International Geographical Congress in Stock-holm, K K, Markov, Vest, Mosk, un, Ser. 5, Geog 16 no. 1.71-78 Ja-F ¹61.

Third All-Union Glaciological Symposium, V.N. Vinogradov, Vop. geog. Kamch. no. 4-146-147 '66

#### GLADIOLUS-VARIETIES see subdivision under Abkhazia

#### GLANDS

Cytochemical study of glandular approatus in hen oviduct V. M. Grisgof Arkh and , gist i embr. 51 no 10 75-80 0 166

Study of gold-ruby glass of the Ust'Ruditsy factory, O.A. Kulls'ka. Gool zhur 21 no 174-78 '61

# GLASS-THERMAL PROPERTIES

Approximate calculation of the unsteady glazing of glassy materials S. K. Matveey Inzh. fiz zhu. 11 no. 6 730-736 D 166

#### GLASS, OPTICAL

Effect of coloring impurities on the light absorpt on of lauthanum glass. E.t Galant, N.L.Vlasova, N.A. Vlazizima Opt.-mekh, prom. 33 no 12-41-50 D *66

Tiffect of optical glass properties on cooling process, V I Prymouko Dop AN URSR no 10 1321-1322 '66

Refraction indexes of K108, Lk6, and TF11 glasses at the temperature of liquid hydrogen A.M.Selezneva, A.I. Stocharov, Opt., mekh, prom., 33, no. 12, 21-22 D. 166

# GLASS CONTAINERS

Device for conveying cylindrical articles, mainly glass cans. U. A. Memetov. Shor.izobr.viyb.prom 22 1961 g.:86-87

Device for removing glass cans from a forked transporter and transferring them to the transporter of a processing machine G. I. Klimenko. Sbor.izobr v ryb.prom. za 1961 g. :80-81.

Reduce the breakage of glass preserve containers, R.M. Cherakov Kons rov prom 21 no 12 12-14 D 466.

# GLASS CONTAINERS—CLEANING

Machine for woshing glass cans. B. V. Zhbankov, I. P. Stat okhatnyl. Shor Azobi .v ryb. prom. za 1981 g.: 90-92.

Machine for washing glass cans. V. Sh. Vigderman, M. A. Poger, IU, A. Kop, lov. Shor. Izoha v. 13b. prom. va. 1961 g. 487-89.

# GLASS CONTAINERS—STERILIZATION

Glass can carrier for a continuously operating sterilizer and a device for delivering cans to a carrier. M.S. Aminov. Shor-izobr-vryb.prom. za 1981 g. 184-86.

#### GLASS CUTTING

Electrical apparatus for cutting glass. Stroi.i a khit. Uzb. 7 no  $12\,10$  D  $^{\circ}66$ 

#### GLASS FIBERS

Glass reinforced cement is a structural material reinforced with nonstressed fiberglass K L Birnkovici 1U L Birnkovich, Stroi, mat. 7 no. 11.18-20 N '61

Some proporties of fabrics made from glass fibers.
M.I. Sukharev, G. E. Olekhov, Izv. vys. ucheb. zav.,
tekh. leg. prom. no. 6:30-33 '66.

# GLASS FIBERS--TESTING

Mechanical characteristics of twisted glass fiber and glass at ing under effect of tension, T. V. Bilida, Dop. AN URSR no. 12 1558-1561 '66.

# GLASS MANUFACTURE

(see also subdivision under Borlsov, White Russia,

Norms for the number of engineering and technical work-

GLASS MANUFACTURE -CHEMISTRY ace subdivision under Soviet Central Asia

# GLASS PAINTING AND STAINING

Artistic methods used in present-day art of stained glass. V.P. Statun Trudy MVKHPU no. 2:178-203 162.

# GLASS PIPE see Pipe, Glass

# GLASS REINFORCED PLASTICS

Binders for fiber glass based on epoxy resins. L. L. Golubenkove and others. Plast, massy no. 1:16-18 167.

Deformation of fiber glass during repeated static bending. S. F. Glazov. Plast, massy no. 1:58-61 167.

Filters from gloss plastic pipes, V. M. Gavrilko, V. S. Alekseev, Vod. i san, tekh, no il i6-18 N '66,

Glass as hard as steel. B Rudoi. Grazhd av 19 no.2;

Mordyln, A.P., E.M. Ershov, and V.I.Davydenko.
[Mecianical processing of fiber glass produced by the
winding method] Mekhanicheskaia obrabotka stekloplastikov, polucikaemykh metodom ramotki. Leningrad,
1966. 38 p. (Leningradskii dom nauchno-tekhnicheskoi
propagandy. Nauchno-tekhnicheskii opyt. Serita Plastmassy I kh primenente v promyshlemosti)

Mozharovskii, V., and L. TSvilikova. [Further develop-nients in producing and increditing progressive blanks at enterprises of the Latvian S. S. R., bised on exhibi-tional materials' Dal'netshee razvitte profyvodetva i vnedenne progressivnykh zagoto ok na predprijatilakh Latvitskoi SSR, po materialam tematicheskoi vystavki. Riga, Latvijskii respubl. in-i nauchno-tekhn, informatsii i propagandy, 1966. 23 p.

Studying lateral bending of corrugated glass plastic
V N Gorno' Strol meth reach soor 9 no. 116-19

Unit for producing sheet glass temforced plastics. V.P. Novitskii, V.I. Nikolady. Biul tekh rekon inform, Gosnauch, 1881. mst. nauch i tekh inform. 19. no. 11.42-11.

#### GLASS REINFORCED PLASTICS-MOLDING

Molding shaped parts of glass-remforced plastics, M.N. Bolin and others, Bud tekh -ekon inform Gos, nauch -issl instinauch i tekh inform 19 no 11 4 6 N 166

#### GLASS REINFORCED PLASTICS-TESTING

Mechanical characteristics of oriented glass-fiber rem-forced plastics under effect of tension - G, V, Bilida, Dop AN URSR no 10:1280-1283 166.

Studying the Finetics of the process of breakdown or glass reinforced plastics. IU. N Rebotnov, V. M. Sinsiskii. F. I. Stepan, they. Mashmovedente no. 1-98-101 Ja-F'67.

Theoretical estimate of the effect of speed of extension on tensile strength of soft reinforced plastics on crossed warps. E S Umans'kyi, Dop AN URSR no. 12 1561-1566-66

#### GLASS REINFORCED PLASTICS, EFFECT OF TEMPERATURE ON

Microstructure of fiber glass after one-sided heating at high temperatures. V. A. Smirnov, Plast, massno. 1 61-61 167.

#### GLASSWARE-STANDARDS

Review state specifications for silicate articles for broad consumption L. M. Shcheglov, N. S. Alekseev Stand I kach. 30 no 11 95 N 166.

GLASSWORKERS-DISCASES AND HYGIENE see subdivision under Ordzhonikidze

GLAUCONITE see subdivision under Buzau Valley, Doftana Valley; Georgia

#### GLAZING

Impact testing of glazed tubing. A. G. Kan. E. E. Boche-nov. Irv vys ucheb. tav ; noft 1 gaz 9 no 8:90-94 ¹66

#### GLOBULIN

Blood serum ag-globulin, modifying it ypsin activity. V. A. Belitset, E. L. Khodorova, E. A. Smekhova Dokl AN SSR 172 no 3:723-726 Ja 167,

Polymorphism of globulins in egg albumins of fowl O Poder, IU. G. Pavel. Genetika no. 12 120-121 466

# GLOMERULONEPHRITES

Corticosteroid therapy in glomerulonephritis M. IA. Ratner and others, Sov. med., 30 no. 1 27-35 Ja '67.

# GLUCOMANNANS

Reserve galactomannans and glacomannans in seeds. bulbs, and thizomes B, N, Stepanenko, Usp. khim. 30 no.5:626-644 My ¹61.

# GLUCOPYRANOSE

Synthesis of 2, 3, 4, 6-tetra-O-acetyl-A-D-glucopy; anosyl dibutyl phosphite. A. IA, Khorlin and others. Izv. AN SSSR, Ser. khim. no. 12;2207-2208 '66.

# GLUCOSE

Separation of crystalline glucose as a double salt with sodium chloride from sulfuric acid hydrolysates. N Lebedev, M. N. Liubetskaia, A. A. Bannikova, Sbor. trud, NIIGS 14:203-215 '65.

Use of the method of sait (extractive) rectification for the decomposition of hydrochloric seid in the hydrolysis glucose production. O.V. Tyshetskaia, I. M. Grin-shtein, N. V. Lebedev. Sbo. trud. NHGS 11:216-221

Working out a method for the crystallization of clucose sait from sulfuric acid hydrolysates; preparation of syrups for crystallization, N.V. Lohedev and others. Shortrud, NHGS 14:182-202 "65.

# GLUCOSE METABOLISM

Effect of salts (Na₂, Mg. NH4 and Ba) of  $\beta$ -hydroxynaph-thole acid on glucose consumption in Ascar is suum Goeze, 1782. M. Lazdina, I. A. Pushkarev. Med. paraz. I paraz.bol. 35 no.61732-733 N-D '66.

# GLUCOSE OXIDASE

Characteristics of glucose exidese and entalese blo-synthesis by Penteillium vitale on media different carbo-hydrates. N.V. Pokrovskaia and others. Mikrobiologila 35 no.6:957-959 N-D '66.

# GLUTAMIC ACID

Changes in alkaline phosphatase activity in small intestine mucosa following aminopterin injection. R. A. Brodskii Vop. pit. 25 no. 6:65-67 N-D '66.

Inhibitors of DNA and protein syntheses as mutigent agents for mainmalian cells in vitro LK, Shahlin N. Tolkacheva, N. I Shapiro. Genetika no. 12 25-35

#### GLUTARIC ACID

Direct of various for tilizers on amination and transportion of a-ketoglutaric acid in homogenater of a 4x 1223 and leaves Soob, AN Chu 958 44 no 3-623-630 D 15

# GLUTARIC ANHYDRIDE

Synthesis and study of polyamides from glutary) dichlorides and atomatic diamines. O IA, Fedato t and others. Izv. vys. ucheb. zav. khlm. i khim. tekh. 9 no 5:761-767 'bb.

### GLUTATHIONE

Effect of the climatic factors and hydrogen sulfile bulbs of Chukhur yurd on glutathione in human blond, 5h M Gasanov, A Z Babaev, 1, L. Kravets Shar truit A.erb nauch -issl, inst kur i fiz metod kith, Portaliz-

Radioprotective and radiomimetric action of propyl-gallic acid in glycine and hemin solutions M. I. Amira gova, N A. Duzhenkova, Radiobiologija 2 no. 1,601-

# GLYCINE CRYSTALS—SPECTRA

Symmetry of SeO2 - ions of triglycine scienate cryst da in pora- and ferroclectric phases. E. K. Calinto, 1 pr-tver. tels 8 no.11/3386-3398 N '66.

Histochemical study of the effect of ionizing radiation co nucleic acid and glycogen dynamics in the liver of laty G.D Gubin. Radiobiologita 2 no. 1 553-557 '62

Ribonucleic acid and glycogen content of the cells of hemopoletic theses in healthy cattle and cattle , ith babesiasis I, M. Karpate'. Vestsi AN BASR, here, sell-hasp, nav. no. 4;117-121 106.

Catalytic hydrogenation of acetylenic  $\gamma$ -glycoln and if  $\gamma$  derivatives. Report No. it Hydrogenation of  $\beta + \zeta_1$  are other ethers. P. S. Bataev and others. Lev. AN SSSR, Ser khim. no. 12:2176-2179 '66,

Chemical transformations of diois and organic oxide Report No. 11 Synthesis of 3. 1-disikyl- and argls + stituted β-oxides. N. I. Shuikin, M. Hartak, 11 horb 11 lzv. AN SSR, Ser. khim. no. 1 (53-157 Jz. 167).

Reaction of dialkyl (dicthylamino) silanes with givenis, K, A, Andrianov and others. Izv. AN SSR. Ser, Hilm, no. 12:2229-2211 166.

# GLYCOPROTEINS

Fluctuations of the content of serum glycoproteins  ${\rm dur}_{11/2}$  acute nephritie in children. L. M. Phaakova. Siy  $_{1/2/3}$  29 no. 11.76-81 N  $^{1}60$ .

# GLYCOSIDES

Isolation and study of the Rumey confertus Willd, glycoside, Report No. 1, O. K. Bahril, Parmataezhur 18 no. 3:47-52 163.

Structure of olivomycins and chromomyclas - III. A Derlin and others | Dokt. AN SSSR 171 no. 1983 066 11 45

Study of oxidized nickel dimethylglyoximate by means of ion exchange, M. K. Boreiko, E. I. Kniontaes, J. I. Kalinichenko, Zhur, neorg, khim, 12 no.1 269-271

# GNEISS

Accessory minerals of gneisses, V.V. Liakhovich, Min. shor, 20 no. 2:199-200 166.

# GNIDIN OIL FIELD—ELECTRONIC DATA PROCESSING—PETROLEUM PRODUCTION

Using USM-1 electronic computers for more accurate determination of reservoir characteristics and descirpment of Guidin oil field. P. A. Zheleznov, V. P. Chappiensko, IU. G. Slovachevskii. Neft it gaz. prom. no. 6:37-32

GOAT'S MILK see subdivision under Kazakhsian

GOBIES see subdivision under Azov. Sea of

GOGOL', NIKOLAI VASIL'EVICH, 1809-1852-MUSICAL. SETTINGS

Tiumeneva, G.A. [Gogol' and music] Gogol' i muk)ka. Moskva, Muzyka, 1906, 214 p.

GOGOL', NIKOLAI VASIL'EVICII, 1809-1852-TRANS-LATIONS, FRENCH

Problems of the art of translation, Marimas's work to the translation of Gogol'is "Inspector general." N.I. Rudenko. 'Incz.filol. no.6;145-152 '66.

#### GOITER

# (see also subdivision under Kirghiztstan)

Complete retrosternal poster A V Agishev, Problem 18, 1 gorm - 8 no 6 85-86 N-D 162

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#### GOITLR -- CONGRESSES

Naudino-pral ticheskala konferentsila po probleme endemi-chest opo zoba I mikroelementov, 1st. 1964. [Materials of the First Scientific and Practical Conference on the Problem of Endemic Gotter and Trace Elements] Ma-terlaly. Kazan', Kazanskii med.in-t, 1964. 238 p.

#### COLD

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Fedin, K.A. [Gor Rit among us, pictures of literary life]
Gor Rif siedi nas; karliny literaturani zhizni. [Moskva]
Molodaia gyardila, 1961. 350 p.

Our writings should be specific and convincing (M. Gor'kii on the role of facts in journalism). V D Poilt Vest Mosk un Sci II. Zhui 21 no 6:3-17 N-D 166

Val'be, B.S. ["The life of Klim Sangin" in the light of the history of Russian social thought] "Zhizu' Klima Sangina" v svete istorii russkoi obshchestvennot mysli. Moskva, Sovetskii pisatel', 1966. 286 p. (InU)

# GORKIY-AUTOMOBILE INDUSTRY

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# GORKIY PROVINCE-GEOLOGICAL RESEARCH

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# GORKIY PROVINCE-STRAWBERRIES-VARIETIES

Chemical composition of some varieties of strawberries in Gorkty Province. V. A. Guseva and others. Uch. vap. GGU no. 50-53-73 '50.

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Feeding hybrid populations of the Chinese tent caterpillar in Go kiy Province. A. F. Sheremet'ev. Uch, zap. GGU no. 50;253-259 '59.

# GORKIY RESERVOIR—BREAM

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Hamiltonian cycle and a Hamiltonian circuit in a Cartesian product of two graphs. K. A. Zmetskii. Kiber. 13-ka no. 5,4-H. S-O '66.

Loites, Z. M., and V. A. Sysoeva. [Methods of establishing optimal flow sheets for underground hautage using the theory of graphs] Metodika ustanovientla egitmalimykh tekhnologicheskikh sklom podzemnogo trausparis s pomoshchiu teorii grafov. Moskva, fa-i gornego dela lm. A. A. Skechinskogo, 1966 80 p

Principles of counting the number of graphs. A.F. IU:tsun!, Uke mat. thu: 10 no. 1:138-140 65

Problem of dividing the vertices of an oriented graph in a classes. G.A. Bekishev. Disk. anal. no. 8 27-34 *6#.

#### GRAPHIC METHODS

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N time of the formation of anniomic structure of leaves in mixed from groupes. M. U. Smoltchi, J. A. Ruylethyk. Vestsf AN 1853t Ser bird nov. no. 4.36-30. 186.

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Karalacy, G.I. [Correlation scheme of the geological interpretation of gravity and magnetic anomalies] Koraelizatsionmaia skiema geologicheskoi interpretatsii gravitatsionnyki i magnitaykh anomalii. Novosibirsk, Niuka, 1906. 134 p.

Scaling Az or Ag anomalies upward of curved observation aut face. A. M. Polonskii, Izv. AN SSSR, Fiz. zem no. 11/77-82 *86.

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GREAT BRITAIN—FOREIGN RELATIONS—NEAR EAST

Akademil'i nauk SSSR — Institut narodov Arlt — [England's policy in the Heat and Middle East, 1945-1965] Politi-Anglii na Blizhnem i Stednem Vostoke (1945-1965) — Moskva, Nauka, 1966 — 430 p

GREAT BRITAIN—FOREIGN RELATIONS—RUSSIA Our comments Nov stem 25 no 7 l-3 \( \Gamma \) 167.

# GREAT BRITAIN-FOREIGN RELATIONS-UNITED

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# GREAT BRITAIN-LABOR PARTY

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Orationes of Isocratis, franslated from the Greek (continuation), Vest, drev. ist, no. 1,233-217 '66

# GREEK PHILOSOPHY see Philosophy, Greek

# GREEN MANURING

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Porous ceramic system for the raising of plants under glass E.I Ermakov. Biul nauch, tekh, inform po agron, ttz., no 8/8:87-91 '80.

Volkov, V.IA., K. K. Luisenko, and K. S. Rakhmanov,

[Growing cabbage, tomato, and cucumber seedlings]

Vyrashchivanie rassady kapusty, pomidorov i ogurtsov.

Tashkeni, "Uzbekistan," 1966. 57 p.

(DNAL)

# GREENHOUSE PLANTS

Trichodermin in greenhouse soits. N. Fedorinchik, Zashch, rast, 12 no. 1:25-26 167.

# GREENLAND-ECONOMIC CONDITIONS

Greenland and its people. L. A. Famberg Sov. etn. no. 6:47-56 N-D '66.

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# GRIGOR'EV, APOLLON ALEKSANDROVICH, 1822-1864

The "organic criticism" of Apollon Grigorice, A.P. Marchit, Izy Vi SSSR Ser lit. 1 iaz 25 no.6 \$14-521 N-D '66

# GRINDING AND POLISHING

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Grinding rolls with than and wheels -V/N Bakull, A.A., Sagut da, L.L., Mishnaevskin — Mashinostroitell no 1,26 Ja *167.

hereasing the efficiency of surface granding with diamond wheels on Universal grinding machines A D. Davidson Avt prom 32 no 12 33-34 D 166

[Machining machinery materials with diamond tools] Obrahotka mashinostroitel'nykh materialov almaznym instrumentom. Moskva, Nauka, 1966. 250 p.

New method for machining magnetic heads. V. E. Gurlan. Biul tekh -ekon inform Gos nauch -issl inst nauch

tekh inform 19 no.11 b-17 N *66 Selecting conditions for vibratory granding and polishing M E Shainshit, Vest mashinosti 47 no 161-63 Ja *67

Unit for continuous feed of rings to the area of machining on face grinding machines. P. I. Ashcheritsyn, F. M., Rassulova, 4 V. Baranov. Prom. Bel. 10 no. 2.33-34 F. 107.

Using ultrasonic waves in grunding magnetic alloys. S G Red'ko, G A, kozlov Stan i instr. 38 no.1 30-31 Ja '67.

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New grinding and polishing postes A. A. Rakov. Mashi-nostroitel no.1,21 Ja *67

# GRINDING AND POLISHING-TECHNOLOGICAL INNOVA-

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# GRINDING MACHINES

Adjustment of internal granding machines on rigid aup,orts. IU, V. Dubi ovskii, iU E, Krakhmalev, Stan, i matr. 38 no.1 10-12 Ja 167.

Increasing machine-tool rigidity for diamond grinding.
A M.Davidson, M. P. Bondar! Stan rinstr. 37 no. 12 34-35 D G6.

Intensification of the processes of grinding in the produc-tion of building materials S M. Roiak, V. Z Pirotskii, Stroi mat 7 no. il 33-35 N 161 Machine for polishing the journals of double-throv shafts.

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Shifting high-speed feed to working feed on grinding machines. L. A. Sorokoletov, V. S. Geisherik. Stan. i msti. 38 no. 1.9-10 Ja 167.

# GRINDING MACHINES—STANDARDS

Russia (U.S. S.R.) Gosudarstvennyi komitet standartov,
mer I izmeritel'nykh priborov. [Circular-grinding
mackines; precision norms] Stankt krugtoshlifovat'nye;
normy tochnosti. GOST 11654-65. Ld., ofiteial'noe,
Moskva [Izd-vo Standartov, 1966] 43 p. (SSSR. Gosudarstvenne standarty).

Russia (U.S. S.R.) Gosudarstvennyt komitet standartov, mer i izmeritelinykla priborov. [Contour-grinding machines; precision norms] Stankt profil*no-shiltoval*nye, normy tochnostt, GOST 9735-65. Izd. ofitslal*noe, Moskva [Izd-vo Standartov, 1966] I5 p. (SSSR, Gosudarstven) darstvennye standarty)

#### GRINDING MACHINES-TESTING

Investigating the rigidity of ball Lipping machines 1, F Milakhov, M. K. Klebanov Stan i metr. 37 no. 12 H-2 D *66

# GRINDING WHEELS

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#### GRINDING WHEELS-MAINTENANCE AND REPAIR

Device to: straightening diamond theels. V. N. Konoplev, A. F. Markizov. Markinostroitel no 1,27. Ja  $^{6}67$ 

New equipment for straightening grinding wheels IU. A. Stepanov Mashinostroitel' no 112 Ja '67.

# GRIPPE see Influenza

#### GRISEOFULVIN

β-Dicarbonyl compounds. Report No. 25: Synthesis of some simplest analogs of antibiotic griscotult in, V I. Gunar and others. Izv AN 555R, Ser. khim no. 12: 3367-217 [46].

GROCERY TRADE-MANAGEMENT see subdivision under Transcarpathia

GRODNO-WOOLEN AND WORSTED MANUFACTURE Introduced at the Gradno Fine-Cloth Factory, N.S. Panashchuk Prom. Bel. 10 no 2 41-4° F 167

#### GROSS NATIONAL PRODUCT

Evstigneeva, L.P. [The gross national product and the relationship of the value of capital assets to the value of production] *rondeemkost' is truthur a obshectivennogo produkta Moskva, Mysl', 1987—133 p.

The material capacity of the gross national product-what is the problem? V Zubchaninov Mir ekon, 1 mczhdunar, otn. no 2 74-83 '67,

GROUND BEETLES see subdivision under Betovezh, .a, a

GROUND SQUIRRELS see subdivision under Karshi region (Uzbeki stan)

GROUND SQUIRRELS-EXTERMINATION see subdivision under Dubovskoye region (Kazakhstan); Millerovo District, Rostov Province; Slavropol Territory

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# ROUPS, THEORY OF

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Electromagnetic processes and integral charge of quarks. A. A. Komar. L. M. Slad'. Pis'.v rcd. Zhur.eksper.i teoret fiz. 5 no.2:67-70 Ja '67.

Elementary structural characteristics of semigroups. L. N. Shevrin. Doki, AN SSSR 167 no. 2 305-308 M1 166.

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Extendibility of soluble classes and continuability of measures in topological groups. M. R. Tetrusshvill Soob. AN Gruz. SSR 44 no. 2;265-271 N 166.

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finite groups whose Sylov 2-subgroup is a direct product of quaternions, V D, Mazurov, Alg i log 5 no. 5 54-57 '66,

Finite groups with uniquely generated normal divisors, E. M. Zhmud' Mat, shor 72 no. 1:135-147 Ja '67,

Frattini's subgroup of linear groups, and finite approximability, V. P. Piatonov, Dok! AN SSSR 171 no. 4 798-801 D 166.

Free groups of certain manifolds. E.B. Kikodze Alg.1 log 5 no 4:15-23 '66.

Generalization of Carter's and Wielandt's theorems.

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Groups with complemented noninvariant subgroups V. A. Sheriev Dokl. AN SSSR 172 no.1;52-53 Ja 107.

Groups with given properties of systems of infinite sub-groups. Dok! AN SSSR 171 no. 4.806-809 D 166.

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Invariant subgroup coverings – V T Nagrebetskii – Dokla AN SSSR 172 n o.1 30-32  $\,$  Ja  $\,$   $^{1}67$ 

Isomorphisms of semigroups of endomorphisms of module: A V Mikhalev Alg 1 log 5 no. 5 59-67

Lie groups transitive on compact manifolds. A. I. Onishchik Mat shor. 71 no. 4 183-491 D 486.

Jocally nilpotent subgroups of an infinite symmetrical group, D, A, Supruneuko Doki AN SSSR 167 no. 2 302-301 Mt 166,

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Part I. U. V. IAppi Vest I GU 21 no 22 7-18 '66
Maximal and normal series of finite groups, I. IA, Polia-

kov. Dokt. AN S5SR 167 no. 2 294-297 Mr 166. Multiplicative semigroups of a class of rings without ero divisors, I. G. Koshevor Alg. 1 log. 5 no. 5 19-

51 '46

Mikolov, A. V. (Discrete series of unitary representations of the Lie algebra of the O(p,q) group) Diskretnata serita unitarnykh predstavlenia algebry. Li gruppy O(p,q) Dubna, 1807 18 p.

O-stable from-the-right equivalences on perfectly simple schalgroups, I S Ponizovskii Icor, polugi, repride h. no. 1262-278 165

One property of Boone's groups, L. A. Bokut', Alg. i log 5 no. 5.5-23 '66

Partially soluble finite groups L. A. Shemctkov, Mat abox, 72 no.197-107 Ja *67.

Perfectiv simple semigroups, I M Gluskin, Peor, polugi, i ec prilozh no. 1470-197 '65

Pheno, enological theory of the symmetry of ordered phases. A G. Khachatman. Dokt NN 588R 171 no. 1 817-839. D. 166.

Positive formulae on free groups. IU. I. Merzhakov. Alg i log 5 no 4.25-42 '66

Projection of pure milpotent groups IU. N Mukhin. Alg i log 5 no.4:43-51 '66

Regular point systems of three-dimensional groups as combination of plane nets N. L. Smir nova, L. I. Potoshnova Vest Mosk un Ser, 4 Geol. 21 no 6 11-45 N-

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Rings of operations and Adams-type spectral sequences in extraordinary cohomology theories U-Cobordisms and the L-theory. S. P. Novikov Dokl AN SSSR 172 no 1,33-36 Jn 167

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Some characteristics of quasi-manifolds of nilpotent groups. A A Vinogradov Algilog 5 no 4.5-13 466.

Some classes of perturbing operators for strongly continuous semigroups. V. V. Kucherenko. Vest. Mosk. un. Ser. 1; Mat., makh. 21 no 6,3-11 N-D '66.

Stein's quasi-groups. V. D. Belousov. A. A. Gvoramiia. Soob. AN Gru. SSR 41 no 3:537-541 D '86.

Structural equations, in the presence of an intransitive group, describing one-dimensional gas flows, K.P. Surovibinin, Vest Mosk un Scr. 1 Mat., mckh 22 no. 1 56-64 Ja-F 167k

Structure of topological locally projective nilpotent groups and groups with a normalizing condition. V. P. Platonov Mat. shor 72 no.1,38-58 Ja 167,

Substitution groups of representations of groups G₂ and SU₃ S.I. Alishauskas, Z. B. Rudzikas, A. P. IUtsis.
Dold AN SSR 172 no 138-50 Ja 167.
Theory of generalized groups and generalized subgroups,
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165.

Theory of relations and algebra of partial mappings. V. V. Vagnet. Peor, polugr. i ce prilozh, no. 1.3-178

Word equality problem for certain classes of semigroups, IU.Sh Gurevich Alg. 1 log. 5 no 5.25-35 '66.

Zaslavkii, A.N., and V.Tybor. [Meson - baryon scattering and the SU(6) group [Mezon-barionnoe rasseianle i SU(6). Dubna, 1687 17 p.

# GROUTING

(see also subdivision under Hungary)

Sprayed concrete and its use in underground mines, I.A. Boriyenkov, I.N.Belinev, D.M.Golitsynskii, Shakht, stroi. 5 no.il 13-17 N '81.

# GROWTH

Effect of X-ray irradiation on the growth of hones under experimental conditions. A. M. Safarov, S. V. Shtern. Med. 12d, 12 no. 1:62-67 Ja *67.

Zhukovskii, M.A. [Growing organism and hormones]
Rastushchii organism 1 gormony. Moskva, Zhante,
1867. 31 p. (Narodnyi universitet: Fakul'tet zdorov'in,
no.4)

# GROWTH (PLANTS)

Age-related changes in plants; analysis of some con-copts and viewpoints. G.G. Levin. Bot. zhur. 51 no.12;1774-1785 D '86.

influence of the nutration level and goil temperature and a passage of the interference vertical year temperature (1) has been been stages in the ontogeny of barley 3/15 Mordinova Nauch book 1AI AN SSSR no 8-51-56-92

# GROWTH PROMOTING SUBSTANCES

Effect of growth promoting substance of petroleum origin (NRV) on satcoma M-I in rate, M. D. Abdullact, R. Guscinova Doll AN Aceth SSR 18, no. 3,63-63.

the tof growth promoting substances of petroleum origin on photosynthesis intensity and side shoot growth in some woody plants. L. U. Krauchania. Vestei iv BSSR, Scr. bital. nav no 3;61-69 '66

Possibilities of the use of growth promoting substances in protecting apple from black for V.P.Prichodko. Trudy KHSKIII. 56-72-77-56

Synthesis of tertiary alkoys - and alkylthioendryn alcohols, A. N. Volkov, A. V. Bogdanovs, I. A. Vladimitors 1/2. AN SSSH Set Fhim. no. 1486-488 Ja. 167.

# GROZNYY-PETROCHEMICAL INDUSTRY

Dot agenthiskit, A. Z. [Contribution of Groznyy residents to the development of petroleum refining and petrochemical industries of the U.S.S. R.] Whad groznentsev razvitic neftoper etablyvaiushehel i neftekhintelusk zi promyshlennosti SSSR. [Groznyi] Checheno-Ingusheb cheno-Ingusheb (Kizhnoc id-vo, 1962, 84 p. (K. Istorili mirodov Chrocheno-Ingushett)

# [MICROFILM]

# GROZNYY-PETROLEUM REFINING

Dologochinskii, A. Z. [Contribution of Groznyy respictis to the development of petroleum refining and petroleum ical industries of the U.S.S.R.] Whiled groznentsev y 12 vitte neftcen crabityvalushened i neftchindi he skul promyshlemosti SSR. [Groznyi] Chechene-legaritist e knizhnec 14-vo, 1862. 84 p. (K latorit atrodev Credican-legaritistic descriptions)

#### [MICROFILM]

# GROZNYY-PRODUCE TRADE-MANAGEMENT

Routine of a state delivery base. K Vinnik Zabup, selbhoz prod. no 0 52-53 Ag 166.

#### GRYAZEVAYA SOPKA OIL FIELD-PETROLEUM PRODUCTION

Gryazevaya Sopka, M Golid, Neftianil II no. 949 8 '66

GUAIACOL Improve the methods for the production of guaiacol from orthogolsidine, Z, P Goloving and others. Mail with prom 32 no 11 H-43 N  $^{1}66$ 

# GUDZENKO, SEMEN PETROVICH, 1922-

Pentures of a generation A. Leontiev Nov mir 30 no. 12 258-258 D '62'

GUIDED MISSILES see subdivision under Germany, West

# GUILT (LAW)

More about the "mixed" form of guilt. G-Kriger  $^{-4}$  0... inst. 31 no.3:5-7 F  $^{-1}$ 67.

GULLS see subdivision under Ukraine

GUMISTA VALLEY-PALEOBOTANY, STRATIGRAPHIC

Pliocene flora of the Guminia River 13. k. Ration! Truly Sukh, bol, anda no. 13 55-68 '60'

# GUMS AND RESINS

Doresination on "Attin" filters. R. A. Teplitskoin. Z. M. Bashkirtseva. Bum. prom. no. 1;12-13 Ju 167.

Effect of resina, naphthenic acida, and water on the electrical properties of the system andium scap - transformer of [with annimary in English]. Ch. M. Delevant, L. A. Mukharskara, Koll. Mar. 23 no. 1-272 215 My-Je '61

Kinetics of the extraction of resinous matters from ge-brons stock obtained by benting resinous stampward E. V. Ushkova, S. IA, Kor etw. [zv. vys. ucheb.zav.] lea zhur 0 no 0:100-115 '66

New methods for the processing of spruce gum and tur-pentine. I.I.Bardyshev and others. Gldroliz.t lesokidm.prom. 15 no.3:5-7 My 162.

Resinous and colloidal substances of hydrolysates. J. I. Korol'kov, Z. A. Tiagunova, G.D. Paramonova, Stor. trud. NIGGS 14:21-27 '65.

Study of paratiin and resin depositions in "Drurbba" printed leum pipeline, O IA, Kaganov, Neft khoz, 44 no.11 57-59 N '66,

# GUNSHOT WOUNDS

Open (nongunishot and gunshot) fractures of the foot and their treatment. I. L. Krupko, M. N. Panshatov, 10.1 Glebov. Ortop., travm. i protez. 27 no. 12:8-13 D.

Penetrating gunshot wounds of the chest in peacetime. N.I.Tretliakov. Grud khir. 0 no.lrll6-ll7 Ja-F '87.

Simplified method of contact chromatography using test-paper for detection of metals in area of gunshot wounds L.M. Didlin. Sud.-med ekspert 9 no. 1 48-49 O

#### GUNSHOT WOUNDS (Continued)

State of external respiration in patients having for many yours gaushot foreign bodies in their lungs P. P. Firsova, A. A. Adamian Grud khir 9 no 1:11-19 Ja-1-167

Symptoms characteristic for a close gunshot when it was fixed actually from a long range. A. A. Movshovich Sud-smed ekspert. 9 no. 47-11 O-D '66

#### GURIA-BEES

Wax productivity in the high-mountain bees of Guria. I.D. Sonb, AN Gruz SSR 27 no 2 195-199 Ag

GUSEINOV, DZHALIL IUSUFOVICH, 1896-Debalil IUsufovich Guseinov; on his 70th birthday. I, 5, Karaev, I G Mamedbekova, Azerb, med zhin 13 10.12, 49-51 D 196

# GYMNASTICS

Determining strength, speed, and endurance of a male gymnast. V. I. Sobenko, V. I. Chukarin, V. N. Afonin Feo. 1 prak. ftz. kultt. 29 no. 12:20-23 D 166.

Glinternik, A.M. [68 lessons on health] 68 urokov zdo-tovika, [Moskya] Profizdat, 1967, 117 p.

[Thaining male gymnasts according to classification program for 1980-1989, a manual for teachers and trainers in gymnastics of school sections, children's sports schools, rural youth schools and physical culture groups Podgotovka glimnaslov-mu hehin po klassifikatsionnol programme 1966-1969 gg.; uchobnoc posoble dila prepo-davatelo i i tronerov glimnasliki sikol'nykh sekisli, DSSh, SiSM i kollektivov fizicheskoi kultury. Moskva, Fiz-kultura i sport, 1966 182 p.

Wark of a scientific brigade on granastics, M. L. Ukean Teor, i prak, R., kul't, 29 un, 12,41-46 D '66,

GYMNASTICS, MEDICAL see Exercise therapy

#### GYMNASTICS FOR WOMEN

fraining female gymnasis according to the classifica-tion program for 1986-1989; a manual for teachers, tathers, so tal instructors and activist gymnasis! Podgotovka gimnastov-zhenshchin po klassifikatsionnet programme 1966-1699 gg., uchebnoc posobie dia propoduvatoloi, trenerov, obshchestvomykh instrukto-roy i aktiva gimnastov. Moskva, Fizkul'tura i sport, 1968-140 p. 1906, 140 p.

# GYNECOLOGY, OPERATIVE

Assembling of Instruments for restorative surgery in tabal sterility. K.B. Akunts, S.I. TSirulinik, E Kriazneva Sov mod 29 no. 11:125-128 N '66

Properties of polymerized gypsum binding materials and articles based on them. G. S. Kogan, L. M. TSuranov, Stroi, mat. 7 no. 12:10-23 D 461.

# GYROCOMPASS

Determining the time of the alignment of the "Amur" gyr occurrence with the mer filian by means of the table and nonegroups. V. Aslezov. Mor flot 27 no.1-22-23 Ja '67.

# GYROSCOPIC INSTRUMENTS

GR-1 and GR-5 mine gyroflywheel lociomotives. Shakht. Stret. 5 no. 114 of cover N 161.

iteducing the linear accelerations of an aircraft with a gyrsper tical control unit. V. IV, Torochkov. Izv. vys skheb. zzv. .good, i scrof. no. 6 120-131 | 62

HADITS AND BEHAVIOR OF ANIMALS see Animals, Habits and behavior of

HADDOCK see subdivision under Barents Sea

# HARCKEL, ERNST HEINRICH, 1834-1919

Centennial of the publication of first phylogenetic life system by P. Hackel. I. V. Chesnova. Zool. zhur. 45 no. 12;1753-1758 '66.

liflect of hafnium on the kinetics of recovery and recrys I Hect of maintain on the knowless of recovery and recrystellization of \( \sigma \) -from, L. N., Lankov, H.E., E. Zasymchuk, V.S. Shkirov. Dop AN URSR no 7 906-999 '162, Hofalius; an economic review. S. IA. Kaganovich. Trudy IMGRI 1 no. 4, 246-254 '160.

# HAPNIUM COMPOUNDS

Figure of multiple bonds Zr=0 and Hf=0 in solutions of complex zirconyl and hafayl saits, 1, P. Lipatova, E. I. Semenova, 12v. AN SSSR, Sea, kbim, no. 1:6-9 Ja '57.

Perchlorates of zirconyl and hainyl. M. M. Bel'kova and others Trudy TGU 165-161-167 165.
Physicochemical study of hexachlorohainates of alkali metals and ammonium. I. B. Barskaia, G. M. Toptygina. Zhui, neorg. khim, 12 no. 1;29-33 Ja 167.

# HAFNIUM IODIDE—THERMAL PROPERTIES

Thermal conductivity and the degree of blackness of hat-nium tedde. D.L. Timret, V.E. Peletskii, V.IU. Vosk-tusenskii, Teplofiz.vys.temp. 4 no.6;874-875 N-D

HAIL see Bubaiyision under Azerbaijan

# HAILE SELASSIE I, Emperor of Ethiopia, 1891-

People and events; Bruno Kreisky; Haile Selassie I. Nov viem 25 no. 9 29, 33 F 167

No 2 Detection of ABO system antigens in hair Report No 2 Detection of ABO system antigens following effect of ultrasound on hair N. N. Acherkan Sud sincd ekspert 9 no 430-35 O-D '66

#### HAIRDRESSING

Tanım, Lehte. [Sanitary standards for hairdressers]
Sanitaaı milinimum juuksureile. Tallinn, Valgus, 1966.
43 p. [In Estonian]

HALIBUT see subdivision under Okhotsk , Sen of

#### HALIDES

Quantitative determination of holides in the presence of ascorbic acid P. P. Supron Farmatsev, 2hur 17 no. 2-31-35 162

#### HALL EFFECT

Direct of copper on the thet moderatic efficiency parameter. G V Rokin Izv vys-ucheb zav, fiz 9 no 6.

Lifetime of minority carriers in germanium doped with mercury M.L. Iglitsyn, C.S. IUrova, Fir.tver.tela 8 no.11,3414-3416 N '66

Noinst effect in n-insb in quantized magnetic field. M.S. Bresler and others. Pist, v red. Zhur, eksper, i teoret. fiz. 4 no. 9.348-352 N '66.

Studying thermoelectic and glavanomagnetic properties of working materials for low-temperature cooling devices 1 D Konozenko, L IV Khirich Uki fiz zhur II no 12:1332-1337 D 166

Temperature dependence of the Hall coefficient at a constant current carriers concentration. R. M. Vinets'-kyi, O. H. Miseliuk, Uki, fiz. zhui 4 no. 5-661-659 S-O '69.

Use of the plane Hall effect in studying rotary hysteresis in ferromagnetic films, Vu-Jinh Ky, Dokl. AN SSSR 167 no. 2,326-329 Mr 166.

#### HALOGEN COMPOUNDS

Pokonova, U.V. [Haloid ethers; production methods, proporties, and use] Galoidefiry, sposoby poluchenita, svolstva, primenenie. Pod 1 cd. A.A. Petrova, Moskve, Khimita, 1996, 339 p.

#### HALOGENATION

Preparation and properties of 1, 4-endocthylenehydro-maphthalenes halogenated at different degrees N.P. Emellianov and others Dokl AN BSSR 10 no 11 869-872 N 166.

Some characteristics of geochemistry of rare alkali cle-ments in process of halogenation B I Smirnov Min sbor 20 no.1:70-76 66

# HAMSTERS-GENETIC RESEARCH

Karyologic differentiation of allopatric forms of hamsters of the superspecies Phodopus sungerus and heteromor-phism of sex chromosomes in famales. N. N. Volontsov, S. I. Radriablik, K. L. Liapunova Dokl. AN SSSR 172 no. 3 703-705 Ja 467

# HAMSTERS-PARASITES see Parasites-Hamsters

# HAND STAMPS

Stamps for marking carcasses and hides Mag ind, SSSR 38 no. i 28-29 Ja 167 V. Kulikov,

# HANDICRAFT see subdivision under Azerbaijan

# HANGARS

Hanger building with operation and repair workshops. A.IA. Fridkin, V. P. IP'in, V. S. Terekhov Prom. stroi 39 no 12/22-26 '61

# HAPTOGLODIN

Protein fractions of blood serum, hartoglobin types and hemoglobin fractions in children. TS, I. Kautoziia, P. A. Kurashyili, N. I. Vardanashvili, Soob, AN Gruz, SSR 14 no.3:769-776 D '66.

# HARD FACING

Hardening metal surfaces by roller burnishing with the use of polymoi solutions G.A Gorokhov-kii, G.N. Geletukha. Tekh. 1 org. protzy, no 6 44-46 N-D '66,

Systems of the surface grinding of agricultural machine parts hard faced with the KhT5U wear resistant alloy A.S. Mel'nikov. Trakt. I sel'khozmash. 80. 1.39-42 Ja 167.

# HARDBOARD

Board structures made of plastics and wood. M.D. Sakharov, Biul, tekh, -ekon inform Gos, nauch, issl. inst nauch i tekh, inform, 19 no. 12 12-14 D '66,

# HARDNESS-TESTING

Device for measuring metal hardness. N.S. Soboleva. Biul, tekh. -ekon, inform Gos. nauch -issl. inst nauch i tekh. inform 19 no. 11 53-55 N 166.

#### HARDWOODS

Make use of hardwoods and their processing vastes in the industry S.G. Gorchenkov. Burn. prom. no 12 maert 2-3 D 166

Intensity of damage done by large to orchards of various territories. V.V G1 adex. Ve-1. Most un Ser. 6: Biol., pochy. 21 no. 5:23-26 5 O 166

#### HARMONIC ANALYSIS

Harmonic analysis on a byperboloid of one sheet V F Molchanov Dohl AN SSSR 171 no 4 794-797 D 166

Harmonic nalyzers of the spectrum of nonperiodic electrical oscillations R G Vinogi idova, 1 P Rozhnova, L. N Likhomirova, Shot r.b po op elektromekh no. 4 276-281 160

Multivaried analysis of the formation of the second optical harmonic in a nonlinear ext, stalling layer V.F. Marchenko, Opt a spektr 21 no 5 592-602 N 168

# HARMONIC FUNCTIONS

Cauchy problem for minor oscillations of a viscous fluid in a weak field of mass forces N D Kopachevskii. Zhur vych mat, i mat fiz 7 no 1128-146 Ja-F 167.

General method for solving a biharmonic problem. V.G. Labazin, G. M. Fedorova, Zap LGI 43 no 3 71-79 164

On a class of solenoidal vector fields. M 5.Shneerson Ukr mat zhur, 19 no 181-88 '67

#### HARPENDEN, GREAT BRITAIN-SOILS-ANALYSIS

Two soil profiles in fields of the Rothamsted Experiment Station I P Gerasimov, O A, Chichagova Pochvove-denie no 3:83-87 Mi 160.

Attachment to toothed harrows for operating at increased speeds M. Bredun Fekli, v scltkhoz 27 no. 1 57 167.

# HARVESTING MACHINERY-DESIGN AND CONSTRUC-

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# HARVESTING MACHINERY—ELECTRIC EQUIPMENT

Change in the polarity of the networks of the electrical equipment of automobiles tractors, and harvesters V Barabanov Tekh v sellkhoz 21 no 12 86 D 161

# HARVESTING MACHINERY-MAINTENANCE AND RE-

Enlarged time norms on the dismantling and assembling of the 5-4 self-propelled combine Tekh v selfkhoz 21 no 12 64-66 D '61

HAWTHORN see subdivision under Turkmenistan

# HAY

Estimation of the effectiveness of chopping machines and the quality of the product, V. A. Sroftzaev, A. E. Lipatov. Vest. softkhoz, nauki II no. 11:01-06 '66. Stabilization of carotene in grass meal. A.A. Zubrilin, A. F. Laguta, Vest, sel'khoz, nauki 11 no, 11:72-75 '66,

# HAY-HARVESTING

Complex of machinery for the procurement of feeds in descris and semideserts. V Maitkov, L. Ahkulova Tekh v seltkhoz. 26 no 12,13-16 D 166.

# HAY-STORAGE see subdivision under Latvia

Basic problems in the clinical aspects of lesions of the large vessels of the head in an early period L.B Lityak, Zhur, nevi i psikh, 62 no 11 1607-1611 162 Collateral blood circulation in occlusion of the large blood "espais of the head, Z L Lurie, L, K Bragina Zhui nevi ipsikh 62 no il 1612-1616 162

Some unresolved problems in the pathogenesis, clinical asperts and treatment of disorders of the large vessels of the head E.V. Shridt, Zhur nevr i psikh. 62 no 11 1601-1606 '62.

# HEAD-WOUNDS AND INJURIES

Problems of treatment and work ability of schizophrenics with craniocerebral traumas in their anamnesis. A. G. Ambrumoya, Trudy Gos, nauch, -issl, inst. psikb. 26 121-127 161

# HEADGEAR

New types of finishes for woolen felt headgean. V. k., Cheintakhovskala, Nauch, -issi trudy TSNIIShersti no 20 250-257 '65,

# HEALTH BOARDS

Cooperation between health institutions and votes inary service. T. S. Medoks Vop pit 25 no. 6,83-87 N-

# HEALTH EDUCATION

[Work and a healthy way of life] O trude i zdorovem byte, [Moskva] Profizdat, 1965, 199 p.

- HEALTH RESORTS, WATERING PLACES, ETC. ALTH RESORTS, WATERING FLASES, 216. (See also subdivision under Balkal Lake region, Borzhomi, Georgia, Chukhurvurd, Azerbaljan, Estonia, Kislovodsk; Nal'chik, Nizhniy Tamisk, North Ossetia, Ust Kachka, Perm Province)
- Health resort therapy or patients with diseases of the liver and hile ducts A S Bishneyskii, A K Pislegiii Vop
- Oxinemographic method of determining the blood flow Minering apple method of determining the blood flow ale and its significance in the study of the effectiveness of smato firm and health result treatment in recurring that diseases VV Guik, L. A Sacrichina Vop kur, nizioter i lech fir bulk 31 no 6,487-189 366
- Role of all-Russian congresses of public health departments in the formation and development of health resorts in the U.S.S.R. (1917-1935) E.D. Gribanov. Vop kut "fiziotei i lech fiz kult. 27 no 6 553-551 N-D 162
- Tasks of scientific research institutes of health resort treatment and physiotherapy in the organization of physical therapy service for the population A.A. Tama-zoy Vop bur , fizioter i lech fiz kult 27 no 6-550-552 Nan 162

#### HEARING

- Induced potentials in projection cerebral cortex areas as affected by simultaneous action of two different stimuli, V.V. Artemier Dokl, AN SSSR 171 no. 6,1447-1149
- Method for studying the occlusive effect in hone conduction IAS Ternkin Zhur ush , nos 1 gorl bol 19 no 4 27-29 J1-Ag '59

# HEARING AIDS-STANDARDS

14 p. (SSSR. Gosudarstvennyi standart)

- Experimental study of the effect of strophanthin on the noi mal heart depending on different velocity of its introduction into blood. G. P. Khlopotova. Trudy LPM 37:181-186 '65.
- Oleinik, S. F., and P. N. Balabaeva. [Biomechanics of the heart Biomekhanika serdisa L'vov, Izd-vo L'vovskogo univ., 1966 165 p

# HEART-CALCIFICATION

Case of calcification or the wall of the left atrium Ivanitskii, O. I. Zhmun . M. V. Kurashoya Grud. khir. 9 no. 1:108-109 Ja-1-67

Case of sudden death caused by sarcoma of the heart E P. Petrento Sud -med ckspert 9 no 153-51 O-D '66

# \RT.—DISEASES

- e of total atresia of the acrtic arch with concomitant fect of the interventricular septum and patent ductus terjosus L.S. Zingerman, I. I. Rasulova, Grud-dr. 9 no 1:110-111 Ja-F '87.
- inical evaluation of the degree of cardiac insufficiency, B.K. Minkishev Trudy LPMI 37,100-110 '65
- Determination of potassium and sodium in the myocardum in death caused by acute cardiac insufficiency M. M. Khait Sud -med eksport. 9 no 4 20-22 O-D 86
- Observations on patients with cardiotonsillar syndrome.

# HEART-INFARCTION

- Activity of cholmester use and monormine oxidase of ischemic and nonischemic segments of the heart in acute stage of moneachinis segments of the heart in Biul, et ap broka med 63 no.1:11-18 Ja 67.
- Clinical evaluation of the degree of venous pressure in myocardial infarct. F. V. Zembovskii. Trudy LPMI 37 175 -180 165
- Computative evaluation of the effect of visible light seccomprisate evaluation of the enterty value and tun of different spectral composition on the course and outcome of experimental myocardium infarct in "excited" and "hubbited" rats. T. M. Afanas'eva. Vestsi AN BSSR, Ser. bihal nav. no 3:93-100 '66
- Comparison of electroky mographic and x-ray data in magazidan infact and chronic heart anemysm. V Orlov, V. IA, Fridkin, V.P. Veretenníkova, Kardiologii i 3 no 139-45 Jan -F 463.
- Effect of glycocorticoids and nuner theorticoids on the tent of experimental myocardial infarct Report No. 2. I.IA. U-vatora. Kardiologua 3 no. 1 16-20 Jm. -F '63,
- Electroencephalographic e caminations in myocardial infaret. T.N.Lahoeva, I.K.Shkhvatsabaia, E.A. Chertov-skilh, Sov med 29 no ll 11-19 H +66.
- Experimental Induction of necroses in the inyocardium with isadi inc (Isopi opylnoradi enalin). IU V Anshelevich, A. Z. Amelin, M. IA, Melzobe, Kardiologifa 3 no. 141-16 Jan. 7 '53.
- Importance of electrocardiography in the diagnosis of recurrent myocardial infarct. I.M Khainonen, Kardiologiia 3 no.1:21-30 Jan. -F '63,
- The incidence of myocardial infarct and mortality; work experience in one of the districts of Moscow, N. V. Kalmina, V. A. Bogoslovskii. Kardiologiia 3 no. 1:68-76 Jan. -1" '63.
- Myocardial infarct with an atypical course, N.A. Kirstner, M.A.Zhosan, V.S.Vishnevskata Sov. med 30 no. 1 69-74 Jr '67
- Pathogenesis and clinical aspects of acute disorders of cerebral chemistra aspects of acute disorder 5 of cerebral chemistron in patient, with myocardual infarct, V D. Troshin, Kardiologiia 3 no. 1-16-51 Jan. - F 463.
- Problems in the clinical picture and diagnosis of ruptine of the interventricular septim in myocardial infarct. IA, M. Grinberg, Fardiologita 3 no. 1 83-84 Jan. - P
- Sedimentographic observations in myocardial infarct. O.D. Grigor teva. N. A. Rozenman. Trudy LPMI 37. 65 - 71 | 65 -

# HEART-INNERVATION

- Histochemical study of cholmesterase and intramueal nerve cells inhuman heart. A P Medunkova. Arkh anat , gist i embr 51 no 10,114-115 O 166,
- RNA content and localization in cytoplasm of neurons of intramoral gaugha following cardiac hyperfunction, F. Z. Meetten, E. M. Krolhina, Dobl. AN SSSR 171 no. 6.1127-1130 D 166.

# HEART-MUSCLE

Phase variations in my ocal diac pH and pNa in acute discorder of coronary blood an eulation. N. A. Onishchenko and others Biofizika li no. 5:855-860 66.

# HEART-RUPTURE

Problems in the clinical picture and diagnosis of rupture of the interventricular septum in myocardial infarct. IA, M. Grinberg. Kardiologiia 3 no 183-81 Jan. -F

# HEART-SOUNDS

Diagnosis of a typically situated patent ductus arteriosus. I, Frantsev, A.S. Artukhov Sov med. 29 no. 11 19-23 N 166.

# HEART .... SURGERY

- Evaluation of the results of surgical correction of interventricular suplal defects according to data of heart catheterization. E.B. Mogilevskit and others. Grud-khir. 9 no.1:13-17 Ja-F 467.
- General morphological characteristics of terminal and postter minal states following surgery for cardiac defects. IA L Rapoport, L. M. Smironskala, N. V. Arkhangel'skala Grud.khir. 9 no 1:30-44 Ja-F 167.
- New flat dilator for surger y in mitral stenosis. B. V. Petrovskii, A.M. Gescievich, N.S. Gorkin. Khirur-gia 38 no ll 128-130 N 162.
- Surgical possibilities on the "dry" heart under conditions of moderate hypothermia. E. N. Meshelkin, V.I. Fuffin-Grud, khir. 9 no.1,17-21 Ja-F '67.

# HEART-WOUNDS AND INJURIES

Heart lesions in closed trauma of the chest S. A. Burov and others Sud -med ekspert 9 no. 1 11-11 O-D '66

# REARTBEAT

- Autocorrelative analysis of the duration of cardiac cycles in man. V. M. Zatsiorskii, S. K. Saesaniia. Biofizika Il 10.5:928-931 '66.
- Changes in the duration of the phases of cardiac systole m infectious nonspecific polyarthritis. V.M. Chepoi Sov. med 29 no. 10:24-27 O 166

- Duration and structure of the cycle of conding continuities G. A. Smolenskir, A. S. Kovalev Fiziol Llune, 50 no 12,1471-1475 D 66
- Effect of physical loads on cardiodynamics in mach all ar defective thythm of cardiac contractions. H. M. 51 all and others. Fixed plus. 52 no. 11,1120-1131 M. CC.
- Frequency analysis of respiratory effects on condian rhythms – V. M. Zatsionskii, S. K. Sansanija. | III ofszik z ll no. 5  $\cdot 8^{n}4$  -902  $^{1}66$
- Physiological cardiac asynchronism, 11 Maranov, Hr 1 Musifehuk Fiziol zhur. 52 no. 11 1322-1127 N 18

#### HEAT-BOUNDARY VALUE PROBLEMS

Iterative equations of heat conductivity; derivation of the solutions to boundary value problems for a half piec. IA, V. Bykov, A. I Botashev, Izv. AN Kir, 98R 10, 22 3-11 8-0 '66.

#### HEAT-CONDUCTION

- Approximate solutions of the heat conduction equation in one-dimensional case in the presence of phase traces formations at the external boundary of the body. P. 1 Smyshitaev Inch -fiz zhan. Il no.6-710 720 1) 10 6.
- Determining the temperature field in a finite cylindrical shell. Sh. M. Babyehev. Lev. AN Azerb SSR Sar Ar telb. I mat nauk no. 4 20-31 '66.
- Devices with tubes and translators for investigating best Conductivity by means of a linear beat source 1, 1%, [Ankeley, 1 M. Blavebtein | Inzh -fiz shu: 41 rm, 1756-760 D 466
- Equipment for measuring heat conductivity in said! size specimens II. Vishnovskii, V. N. Skiljovk Ogneupory 31 no. 12:13-18 D *66.
- Solution of nonlinear moblems in the theory of heat conductivity by the Kanton ovich mothed. M. G. Kepon Inch. -i. /har. 12 no.1.72-81 Ja 167
- Unsteady heating of a tapered rod K. K. Vasiliankin, Inzh -tiz, zhiu. II no, 6:725-729 D 166,

# HEAT-CONVECTION

- Mass transfer between a spherical particle and the turn-lounding medium in case of inlevel convection at high temperatures. G.P. Khaustovich. Teplofiz vy., temp. 4 no. 5 879-881 N-D 466.
- Origin of convection V.f (Udovich, Priki mat, (1984), 30 no. 64000-1005 N-D 66
- Steady-state convection in the presence of an external magnetic field. IU P Ivanillav, G N, lAkoyle., Pribl. mat I mekh. 30 no 6:1140-1146 N-D 166.

### HEAT-TRANSMISSION

- Analogy between heat exchange in boiling and in was exchange in heterogeneous 1 onesters accomplated by h 12 phase emission. G. A. Akselvind, L. A. Pokhedenko Kin i kat. 7 ml. 6:1001-1083 N-D 106.
- Applying Blotta variational method in solving Stela-12
- Applying House variational method in colving stellars problem. III. A Samotlovich. Teplotic vys. temp is no. 6:832-837 N-D to.
  Approximate analytic nothed of solving certain complex problems of heat conductivity. M. A. Glakov. V. 1 Gusovskii. Izv. vys. ucheb. zav., chern. nut it in 1 179-184 '67.
- Calculating the process of heat transfer in three-cuponent systems V. A. Sheiman, F. G. Tutova, Inchifiz zhua, Il no 6 787-796 D *66.
- Calculating the temperature fields and streams in the graturbine working blade, E. J. Molchanov, Incigent a lestrocule 6 no. 10 10 21 O 160.
- Calculation of convective heat transfer at supercritical pressure. N.I. Melik-Panhaev Teplofiz. vys. temp. 1 no. 5:053-964 N.D. 166.
- Contribution to the theory of radiation and radiant beau exchange in an absorbing and disporative medium. RJ. A. Surinov. Izv AN SSSR, Energ, i transp. no 4 127-153 N-D 166.
- Pricet of the distance between pipes on the heat transfer of bundles of pipes with a cross flow of water are 1 thum, V.P. Isachesko, F. Salomžoda. Teplocuczy in 1 7 no. 0 79-82 Ag 160.
- Effect of the initial temperature nonuniformity of 415 main stream on the efficiency of film gos conting of plane surface in a tubulent flow. V. M. Republics, D. Bohachuk-Kozachuk. Dop AN URSR no.124508-1504
- Effectiveness of heating the reaction apparatus with organosilicon heat carriers, S L. Colovatyi Inkob-ras mat, i ikh prim, no. 6:56-58 '66.
- Free-convective heat transfer at low GPPr numbers

  A. K. Rebrov Inzh, -fiz, zhur. If no 6 703-700 ft see

  Heat and mass transfer during rectification in the grrsence of an heart liquid coolant. M E. Acro, and others

  Zhur, prikl, khim. 34 no. 6.1103-1200 Je 161.
- Heat transfer and temperature distribution in the wall of a square channel during turbulent flow of water at the croury. M.Kh. ibragtmov and others. Teplofic. vy: 14 no. 6.9 i6-852 N-D 166.
- Heat transfer from a flat plate with natural convection of a nonconducting liquid in an electric field. 1U. 7 Put-bula, M. K. Bologa, I. A. Kozlukhari. Flek, obe n se no. 1:87-61 '66.
- Matrix equations of the transfer of radiant energy, S. Detkov. Izv. AN SSSR, Energ. i transp. ne. 6:119-123 N-D 166.

#### HEAT-TRANSMISSION (Continued)

- Noner addent heating of purticles in unsteady high-intensity processes. I. F. Eliperm. I. I. Pikus. Inzh. -fiz.zhun 12 no.1,56-61 Ja '67
- Problem of heat and hunddity transfer of certain solids under boundary conditions of the second kind. S. Pliat, Inch. -fiz. zhut. Il no 6 740-746. D. 66
- Seminar on heat and mass transfer. Khol, (ekb. 13 no. 12 12 D 466
- Simplified empirical dependences of mass exchange in sterm condensation from steam-gas mixtures. I Bermin. Toptoenergetila 7 no 8:71-78 Ag '60
- Schulton of some nonlinen problems in heat transfer. P.V. Cher pakov. L. S. Milovskoia. Inzh. -fiz. zhan no.1,123-125 Ja *6 l.
- Some general rules governing nonatationary heat transfer during laminur flow of a third in a channel, V.D. Vilen-skii, Teploftz, vys. temp | 1 no 6 8 88-845 N-D 166,
- Threshold value of the heat transfer coefficient of a moving layer and fluidized bed. H V Berg, A P Finalcakov Izv AN 585R Frierg, 1 transp. no 6:108-111 N-D *66
- Using electric analogs in solving problems of heat and mass transfet, I.A Kozdoba, Inzh -fiz.zhm m. 6 809-831 D 466,
- Using the method of light modeling for determining the factor of irradiation. V. N. Adrianov. Teploenergetika 7 no fl 63-45  $\Lambda g^{-1}60$

# HEAT CONTENT See Enthalpy

#### HEAT ENGINEERING

Mazurov, D. IA., M.I. Rogovoi, and IU. M. Volgina.

[Heat engineering and heat-engineering equipment for enterprises in the building materials industry] Teplotchinika I teplotekhnicheskoe oborudovanie predpi liatil promyshiennosti stroitel'nykh materialov. Pod red.

D.1A, Mayurova, Moskva, Stiolizdat, Pt.2. [Industrial heat engineering] Promyshlennala toplotekhnika, 1666, 449 p.

# HEAT ENGINEERING-ABSTRACTS

[Heat engineering] Ref. zhur, Teploenerg. no. 2 F '67.

HEAT ENGINEERING-HANDBOOKS, MANUALS, ETC. Emel'innov, A.I., and O.V.Kapnik. [Designing of sys-tems for regulation and automatic control of thermal processes; a handbook Procktirovanie ustanovek kon-trolia I aytomatiki teplovykh protsessov; spravochnoc posoble, Moskva, Energiia, 1966, 384 p.

# HEAT EXCHANGERS

- Experimental study of the condensation of metal vapors from a noncondensating gas medium in a regenerative heat exchanger-condenser M. A styrikovich, I B. Gudik, Irv. AN SSSR, Frierg, i transp. no. 6-97-307 N D 160,
- Recent research on heat exchange in ribbed air coolers, V.1. Sasin. Khol. tekh. 43 no. 12,48-50 D '66
- liciationship hotween hydraulic resistances of the air consist of a heat exchanger and the shape of the flow aren V. L. Il'akit, M. B. Bogin, Avi prom. 32 no 12-0-11 12 '56.

# HI.AT EXCHANGERS-THERMAL PROPERTIES

Theory of thermal analysis of rotating regonerators with a dispersed packing. V. A. Sheiman, G. E. Reznikova, luch. -fiz. zbur. 12 no.143-49 Ja 167.

# HEAT OF ADSORPTION

- HIAT OF AISORPTION

  Fifect of graphitization of carbon black and of interparticle capillary condonsation in it on the isotherm and
  differential heat of admorption of n-in vanc [with summary
  in Inglush]. A.A. Jan ikina, A.V. Kistlev, Koll, zhar.
  23 no. J;231-259 My-Je '61.

  Autherms and heats of adsorption of propylene on silica
  get [with summary in English]. A.G. Bezus, V.P.
  Dreving, A. L. Kliachko-Garvich, Koll, zhar. 23
  no. 3;241-247 My-Je '61.

# HEAT OF FORMATION

- Coordination lattices of exides of elements of additional subgroups and their enthalpy of formation, S. M. Ariia, Probl. govr. khim. koord, seed. no. 1:103-214 106.
- Heals of formation of some coordination compounds formed in the systems TiCl3 NaCl and TiCl2 NaCl. B. N. Podzolov, I, V. Vasil'kova, R. A. Sandler, Zhur. neorg, kitim. 12 no. i:34-37 Ja '47

# HEAT OF SOLUTION

Determination of integral heats of dissolution of La₂O₃, Nd₂O₃, Sm₂O₃, Gd₂O₃ in sulfuric and acctic acids "K.E. Smoltakova, V.V.Scrobi ennikov. Trudy TGU 185-78-82 45.

# HEAT OF SOLVATION

Thermodynamics of solvation of some electrolytes in formanide and N-methylformanide. IU. M. Kossler. Elektrokhimiia 2 no. 12:1467-1408 D '66.

# HEAT REGENERATORS-COOLING

Forced water and air cooling of regenerators during the repair of the middle of open-hearth furnaces. A. A. Matykh, A. M. Spirins, Stal' 22 no 5:478-479 My '82.

#### HEAT RESISTANT ALLOYS

Selecting allowing elements in cleating titanium-base heat resistant Mioys V V Glizove Izv AN SSSR Met no 1468-174 Ja-F 167

#### HEAT RESISTANT ALLOYS-ELECTRIC PROPERTIES

Heat reasstant copper alloys low maddition elements with high electric conductivity. A M korother, F V Brzus, L M Guiovi, 12v AN SSSR Met. no 1150-155 Ja-1; 467

#### HEAT RUSISTANT ALLOYS-METALLOGRAPHY

Iffect of hardening phase on primary recrystallization of 11137B alloy, S. S. Goi clik, L. L. Reznitskii – Izv vys uchub zac, thern, met. 10 no 1131-133 267

#### HEAT RESISTANT ALLOYS --- WELDING

Diffusion voiding of FI-602 heat-resistant alloy surfaces in vacuum. N.F. Kazakov and others. Fick ohr, mat no. 1 62-66 468

HEAT-TREATING FURNACES see Furnaces, Heattreating

# HEATING FROM CENTRAL STATIONS (see also subdivision under Moscow)

- Basic trends and tasks in the development of district heating in the U.S. S. R. for the next 15 to 20 years, G.B. Leventall, I.A. Melentley Teploenergetika 7 no, 8 3-8 Ag *60
- Comparison of norm data on the arrangement of central
- he ting systems with data from other countries V. Polikat pov Sbor, trud, NIIS I no 13 148-161 162. Benomic aspects of doubled transit lines for heating networks. A Driagatspanian Prom. Arm 9 no 23-25 166
- Possibility of the utilization of the additional electric power peak capacity in Heat and Electric power plants A. F. Afanas'ev, M. M. Romin. Teploenergetika 7 no. 8. 21-23 Ag '60.
- Prospects of the expansion of industrial heat and electric power plants in high capacity power systems. A Kuranov, Teplorner getika 7 no. 8:15-21 Ag 160
- Rated temperature of return water behind the hot-air heating radiators connected to district heating systems. N. F. Nesterovich. Teplocnergetika 7 no. 8 24-29
- Use trenchless laying of heating systems more widely.

  O.N Mel'nikov. Stroi i arkhit Len 2 no. 5 24-25

  My '66.
- VKV-6 water heating water-tube absorption boiler for single-pipe systems of central heating. O G Liakhov, O. L. IAkimov. Vod i san. tekh, no. ll 25-27 N 166

### HEATING FROM CENTRAL STATIONS-HANDBOOKS, MANUALS, ETC.

Mezhevev, A.M. [Heat supply of industrial enterprises, manual for students of heat and power engineering professions] Teplosnalzhenie promyshlennykh predprilatil, uchebnoo posobie dila studentov teploenen geticheskoi spetsial'nosti, Leningrad, Leningr, tekhnologicheskii in-t tselliulozno-bumazhnoi promyshl., 1965. 294 p.

# HEATING FURNACES see Furnaces, Heating

HEATING OF PETROLEUM see Petroleum, Heating of

# HEATING PIPES

Calculation of the strength of central heating pipelines. B. V. Rudomino Elek. sta 33 no. 3 30-34 Mr 182.

Calculation of the strength of central heating pipelines O. F. Uvarov Elek, sta 33 no 3.25-30 Mr '62

# HEATING PIPES-THERMAL PROPERTIES

Calculation of the heat emission of pipes in designing heating systems. M. M. Grudzinskii Sbor, trud NHST no. 13162-170 162.

HEDGEHOGS—PARASITES see Parasites—Hedgehogs

Zolov, V.A. [Cutting apparatus of machines for pruning shrub hedges] Rezhushchte apparaty mashin dia podrezki kustan nikovykh zigorodei: Moskva, Milinfor-matsti stroidorkommunmash, 1985. 52 p. (Serlia 3: Mashiny i oboruddyanie dlia kommunal'nogo khoziaistva)

# HEGEL, GEORG WILHELM FRIEDRICH, 1770-1831

Jena real philosophy. Pt. 2 (conclusion). G.W.F. Hogol. Vost. Mosk. un. Ser. 8: Filos. 21 no. 6.53-82 N.D. 466. The Sixth International Congress of the Students of Hegel, A. P. Sov, gos, 1 pravo no. 1,136-138 Ja '67.

# HEIFERS-FEEDING AND FEEDS

Effect of the level of feeding and the massage on the development of the udder of heiffers. V. 1. Ivanov A. P. Beguchev. Vest. sel'khoz. nauki li no. litil2-li4

# HELICOPTERS

The sirplane helicopter and the combined helicopter. E, IAkovley, Grazhd, av. 12 no, 10:35-36 O '55,

Eliminating resonance conditions in entire-transmission ach systems of helicopters and rotating using aircraft G S Maslo. Prochardin, as due no 3 30%-333 %

# HELIUM-THERMAL PROPERTIES

Thermal diffusion of resimin and belium sapors K. M. Areflev and others. In history that II no. 6 765-772

#### HELVITE

Composition, paragenesis, and conditions governing for motion of helvine in greaters I.G Pavlo, and others-Zap Vses run ob-va 95 no 6 671-690 '66.

### HEMATITE CRYSTALS

Inclusions of hematite in calcute for med in the growth of negative crystals (IUNI Dimbo). Triody Min mus-no 12 196-202 (6)

(see also subdivision under France)

- [Development and regulation of histohematic barriers] Razvitle i regulatisia gisto-gematicheskith barrerov, Moskva, Nauha, 1967, 190 p. Effect of alternating current on hematological mulices
- in fish. B.V.Kralukhin, L.I.Smirnova. Trudy Inst. biol.ynam.yod, no.10 278-283 '66
- Normal basic hematological indices in dogs 2.G. Posetkina Fiziol zhur 49 no 3 366-369 Mi 163

#### HEMAT OPOISS

- Association of chromosomes in the hematopoictic cells in mice. C. I. Zharova, M. O. R. ushenbakh, Probl. gemat. i. perel. krovi. 12. no. 1.47-51. Ja. 167.
- Effect of the taking of bone marrow on the morphology of hematopoletic organs of irradiated recipients K, K Zaitseva Aikh pat 28 no. 12:38-43 166
- Some problems of the clinical aspects and treatment of disseminated angitts G 1, Dashtaiants, E.M Taiskaia Shor nauch trud, SOGMI no 10 23-25 *61

#### HEMATOPOIETIC SYSTEM

- Ribonucleic acid and glycogen content of the cells of hemopoletic tissues in healthy cattle and cattle with bahcsissis. I. M. Karruts! Vestsi AN BSSR.Ser.sel'-hap.nav. no.1:117-121 165
- Transplantation of the hemitopoietic tissue in irradiated animals E A Luria Usp sovr biol, 52 no 1 65-78 J1-Ag 161

#### HEMICELLULOSE

Effect of iodine on hermicellulose dynamics in barles V M TSiarlents'eu, N B Halauneva Vestsi AN BSSR Sei biiol nav no 4 II-14 166

Radioprotective and radiomimetric action of propyl gallic acid in glycine and hemin solutions M.I.Amira-gova, N.A.Duzhenkova Radiobiologia 2 no 4 607-

# HEMOCHROMATOSIS

Hemochromatosis L S. Leibin, B L. Penenkov Arkh pat. 28 no. 12 65-67 *66.

# HEMOGLOBIN

- Electrophoretic analysis of hemoglobins in various bird species. B I Sukhomiynov, V A Kushnituk, M D Chuhunov, Dop AN URSR no.12 1605-1608 '66
- Heme transfer reaction of fetal hemoglobin in the presence of dithionite. T.V. Stepanova Bitl. eksp biol. i med. 63 no. 1; 18-50 Ja '67
- Protein fractions of blood serum, haptoglobin types and hemoglobin fractions in children TS, I, Kartoziia, P, A, Kurashvili, N, I, Vardanashvili, Soob AN Gruz, SSR 44 no. 3,769-775 D 165.
- Study of hemoglobin holix formation by optical activity dispersion method M.V.Vol'kenshiein, A.K.Shemelin, Biofizika 11 no.51773-778 466.

# HEMOLYSIS AND HEMOLYSINS

hereditary nature of interstrain differences in producing hemolysins against crythrocytes of rats in CBA and CCSYBR mice. O. V. Rokhlin, R. P. Khromacheva. Genetika no, 12-59-65 16b

# HEMOLYTIC ANEMIA

Observation of patients with hereditary homolytic anemia. I.B.Otarsev, A.Kh.Adyrkhaev. Shor.nauch trud. SOGMI no 10 52-55 '61

# HE MORRHAGE

Evaluation and selection of methods of determining surgical hemorrhage. E. M. Levite, L. N. Bogdanova. Sov. med. 30 no. 154-58 Ja 187.

Hemorrhages following tonsillectomy. M. I. Garahin. Zhur ush ,nos i gorl. bol 19 no 6:38-40 N-D 159

# немр

Determining the properties of hemp yard on the basis of empirical formulas. M.I.Fediaova. A.N. Barabanova. Nauch. -issl. tudy TSNILLV 22:185-197 '66.
Testing the LF-600-P drawing machine in the drawing of hemp slivers in the rope industry. V. A. Petrova. Nauch. -issl. trudy TSNILV 21 76-84 '86.

#### REMP-FERTILIZERS AND MANURES

Theet of gibberellin on the content of mirrogen, phospho-rus, and rota-share in home plants - N. I. Islandhina, V. V. Phirania - Aprokhimus no 1.130-135 | In 167

#### HEMP --- VARIETIES

Chinese herop. G.G Davidian Vest, sclibboz, nauki il no, il 19-52 [66].

### HEPATITIS, INFECTIOUS

Clinical and morphological characteristics of acute toxic de drophs of the liver in infectious hepititis. V. T. Shugarlo, V. V. Zaki zherskir. Sov. med. 20. no. 10.102-

Clinical and morphological characteristics of chronic liver hepatites and curhoses in children. R. F. Bronshtem 12v Old, biol niuk AN Tidzh SSR no 3 86-92 '66

Clinical significance of the urca-synthesizing function of the liver in infectious hepatitis G F Belov Sov. med 29 no 11 71-76 N 166

Liffect of some vitamins of the B group on the course of vitus kepatitis in thic mice. P.D Starshov. Biul cksp biol i med 63 no.1,35-37 Ja 467

Neuropsychic disorders of the distintoric function of the liver in Botkin's disease. G. I. Shepele. Trudy Gos nuch -issl inst psikh 26 289-295 *61

Results of using thioctine and galascorbin for the treatment of epidemic hepititis L. B. Romanova and others Sov med, 30 no 180-89 Ja 187.

Secretions and acidit, of stomach in infectious hepititis D. D Taybuidze Soob AN Gruz SSR 11 no.3 825-832 D '66

#### HEPTADECENOIC ACID

Synthesis of cis-9-pentadecenoic and cis-9-heptadecenoic Adds and study of their antipholistic effect, V. V. Vaver, V. V. Dorogov, V. D. Bergellson, Lev VN SSSR, Ser. khim., no. 12 2241-2212 186.

#### HEPTENYNOL

Isomer ization of 2, 4-dimethyl-2-hepten-6-yn-1-ol and (II, II, 5)-trimethyl-5!-eyeloheven-6!-yl)-3-methyl-1-hexen-5-yn-3-ol. K. N. Anismov, N. F. Kolobova, C. K. Magomedov, Izv. AN SSSR, Sei, khim no, I 212-214

Aerosol spraying of shrubs with autoricides. F. Bouh, L Zvorykina, Zashch rast 12 no 1:33-34 167.

Chemical weed control in pea fields using topotox and butaphen N A Korliakov, V. P. Malkov Khim v sell Phos. 5 no 143-44 Ja 167.

Effect of herbicides on the yield and quality of sugar beet seeds, V S Dolla Khum, v sel', khoz, 5 no. 1 38-41 Ja 167

Effect of preceding crops on the effectiveness of herbicides in oil flav ficids, 1 V.Borodin, N P Sheherbian Klum v sel', khoz 5 no 1 41-46 Ja '67.

Effect of the various amounts of herbicides on soil microflora L.I. Isseva, E.D. Novogrudskara. Vest. sell-thoz. nauki 11 no. 12:57-59 D 466.

Effect of 2M-4X and 2, i-D herbicides on growth and development of regionally adapted varieties of fiber flax A. F. Huz. Vestsi AN BSSR, See bital nav. no. 4:11-17

Role of phosphates in uncreasing the effectiveness of herbicides M IA Berezovskii, B A Smirnov, khim v sell, khoz. 5 no 1:35-38 Ja 167.

lesting chemical means for weed control in carrot. and onion fields P.S. Zhukaya, T U Paramonava. Vestsi AN BSSR, Ser. sel'hasp nav no. 4,13-48 '66

Determining heritability of various characters in fishes, G. A Nenashev Genetika no. 11 100-108 '56.

# HEREDITY OF DISEASE

Observation of patients with hereditary hemolytic anemia I B. Otaraev, A. Kh Adyrkhaev Sbor nauch, trud SOGMI no. 10 52-56 '61

HEREFORD CATTLE see subdivision under Semipalatinsk

Allopiasty of recurrent hernies with polychlorvinyl A V. Pokrovskii, IU, Z. Kreindlin, Khirurgiia 38 no 11 97-100 N '62

Late results following herniotomy in inguinal hernia by abdominal-aponeurotic plastic surgery of the inguinal canal S. V. Gugutsidze. Khirurgiia 38 no 11:100-103

Surgical treatment of neglected strangulated femoral hernias complicated by phlegmon of the sac. V.V. Ivanov. khirurgua 42 no.12.94-96 D 166.

The power of friendly contacts among servicemen.

M Sukhov. Komm. Vociuzh Sil 47 no.1:26-33 Ja 167,

Sgibnev, A.A. [A man from the legend; sketches] Chelovek iz legendy; ocherki Moskva, DOSAAF, 1966. 86 p

HERRING see subdivision under Baltic Sea

#### HERTZEN, ALFKSANDR IVANOVICH, 1812-1870

Reading the works of Hertzen. Mikh, Lifshits Vop. filos,

neauing the worrs of Hertzen. Mikh, Lifshits Vop, filo 21 no.; 111-125 167 "Superfluous people" in Turgeney's and in Hertzen's concept in the forties of the 19th century G N Antonova Nauch dokt vys shkoly, tilol, nauki 5 no 1 108-117 162

#### HETEROCYC LIC COMPOUNDS

Study of tautomerism of oro derivatives of N-heterocycles in vapors, E.S. Levin, G.N. Redionova, Dokt AN SSSR 172 no 1807-610 Ja 167

Brerhney, D.D., ed. [Using heterosis in vegetable breed-ing | Ispol'zovanie geterozisa v ovoshchevodstve, | Kras-nodar | Krasnodarskoe knizhnoe izd-vo, 1963. 312 p.

Economic efficiency of the application of heterosis.

B Dorozhkur, A.Zel'dner. Lkon.sel'khoz. 12 no l.

Heterosis in pure breeding at Orloff trotter, A B Fomin, Genetika no il [3]-133 '66

Polarity and heterosis in plants. G. Kh. Molotkovskii, Vest, sel'khoz, nauki 11 no 11/28-34 '66

#### HEXANE

Composition of surface layer in the system n-hexane -acctone A I Rusanov, S A Levichev, V, IA. Finshin Vest, LGU 21 no 22 121-127 '66

Conversion of n-hexane over aluminum-chromium-potassum catalyst subjected to a idiation in a nuclear reactot. Viktor L Spitsyn and others, Dokl. AN SS5R 171 no. 1 907-910 D *C6.

Effect or graphitization of carbon black and of interparticle capillary could resident in it on the reother m and different d heat of adsorption of n-hexane [with summary in Inglish] A I has is han, A V kietley koll zhur, 21 no, 3 281-289 My-Je '8]

#### HEXONIUM-THERAPEUTIC USE

Use of hexonium and novocaine in the treatment of peptic ulcei A.Kh, Adyrkhaev, N.G. Dzakhova Shoi nauch trud SOGMI no 10 115-147 *61

#### HIATAL HERNIA

Surgical treatment of hernia of the esophageal histus of the diaphragm B V Petrovskii, N N. Kanshin, Khuru gija 38 no 11-3-14 N 162

# HIDES AND SKP'S-STANDARDS

All-Union state standard for undressed skins of the North Pacific Fur Scal D.1.Shilina. Kozh -obuv.prom. 8 no 11:13-14 N '66.

HIGH-FREQUENCY INDUCTION HEATING see Induction heating

HIGH MOLECULAR WEIGHT COMPOUNDS see Macromolecular compounds

# HIGH PRESSURE RESEARCH

Physicochemistry of pulsed pressures. S.5. Battanov. Inzh.-fiz.zhan. 12 no.1;101-119 Ja 167.

HIGHER EDUCATION see Education, Higher

# HIGHWAY TRANSPORT WORKERS

Our best men. Avt. transp. 15 no. 1:1-5 Jn 167,

Gaussian linear functionals on countable Hilbert spaces. IU, A. Rozanov. Dokl, AN SSSR 171 no. 6:1286-1288 D

Development of hip joint movements in athletes. B V. Scimeev. Teor i prak, fiz kullt, 29 no. 12 25-28 D

# HIPPOCAMPUS (BRAIN)

Electric activity of the hippocompus during peripheral stimulations. A. A. Ungiadze. Fiziol zhur. 52 no 12; 1420-1427 D '66

Electrophysiology of the hippocampus. P.M. Sierkov. Firiol zhur, [Ukr.] 12 no. 6:815-828 N-D *66.

Contracts for the hire of property. D. Levenson. Soveriust, 31 no. 3:17-18  ${\rm F}$   $^{1}67$ .

# HISTOCHEMISTRY

Histochemical study of polysaccharides in mucous membrane of respiratory region of nasal cavity and polyps Zh, K. Popunova, Aikh, anat, , gist, i cmbr. 51 no. 10:69-75 O 166.

Histochemistry and some problems of the pathogenesis of hog cholora and swine crystpeles. M. S. Zhakau. Vestsi AN BSSR. Ser. sol'hasp. nav. no. 4:112-116 '06.

Pilstochemistry of polysaccharides, lipids and nucleo-proteins of the human thyroid gland in different forms of goiter N.S. Dotsonko, A IU. Rudnitskaia, P.P. Kalyntuk Probl. endok 1 gorm 8 no. 6:75-80 N-D

Possibility of using technical diasoles for historia and aldetection of nonspecific estermes () M Markov, Arkh pri 28 no 1271-72 206,

State of potassinin and sulflight vI groups in spirit motonem one in frogs tollowing reflex stimulation, 4, V Aleinikova, N. B. Tamina, B. IA, Sheigam (Rul ek 4) biolei med, 63 no.110-13 Ja '67.

Use of autoradiography in studying chemical companies of cell structures, experiments with frog one stew 2 Mikaros. Arkh, anal., gist I cibi 51 no. 19 22 101

### HISTOLOGY

[Development and regulation of histohematic bust kers] Razvitie i reguliatsila gisto-gematichemkikh bar kers, Moskva, Nauka, 1967. 190 p.

# HISTOLOGY --- CONGRESSES

Second Conference of Anatomists and Histolegists of Bulgoria, N. G. Kolosov, A. A. Milokhin, Arith, ed., gist, I embr. 51 no. 88;90 D 166.

# HISTOLOGY . PATHOLOGICAL

Structure of the regenerated liver following its recretter in young rate of various ages: V F Siderovic, till it eksp biol 1 med: 63 no 1-61-85 Ja 161

#### HISTORICAL MARKERS

Soloukhin, V. A. [Native beauty; why we must study as a preserve old monuments] Rodmain kensoling distance, ando izuchat' i berech' pamiatniki stariny. Mochad, Sovetskii khudozhnik [1966] 29 p. (Bosedy dh lakas 44.0)

#### HISTORICAL MATERIALISM

Conception of the method of historical materiality is,  $~\rm G$  s Karavaev. Vest, I GU  $^{\rm 91}$  no. 23 50 -68  $^{\rm 166}$ 

Russia (U.S.S.R.) Upraylenie propodavanila obslichtat vennykh nauk. [Recommended subjects for Iral 1 ps ra on the principles of philosophical knowledge, for intermediary occational correspondence schools in "Public health" and "Art ] Tematika kontrol'nykh ratiod osnovan filosofisikki ananii, dita racchnykh su cdnikh spetsial'nykh uchebnykh zavedenii (po spetsial'mestiam "Zdravookhranenie" i "Iskussivo"). Moskva, Myst., 1005. 10 n. 1965, 19 p.

Spirkin, A.G. (Course in Matxist philosophy) Kuta marksistskoi filosofii – Ld.2, peter i dop. Merkaa, marканска. Мув1', 1966 541 р

HISTORICAL MUSEUMS are subdivision under latings at

HETORICAL MUSEUMS-DESIGN AND CONSTRUCTION see subdivision under Krusnodon (Luganak Prost ce)

Brief notes Vop. ist, 42 no. 1/181-183 Ja 167

HISTORY-BIBLIOGRAPHY see Bibliography High re

# HISTORY-METHODOLOGY

Characteristics of the historical methodond its refer to cognitive process. G. A. Podkurytov. Vent. I will 12 no. 23:69-70 '66.

# HISTORY-SOURCES

Forms and content of the som ces of history, 1 %. Pushkarev. Sov. arkh. no. 5:34-40 *66.

An international forum of archivints. Cl A. links, arkh, no. 5 89-99 166.

# HISTORY-STUDY AND TEACHING

Rosova, G.R. [Pictorial art in the teaching of his tury]

Eobrazitel noe inkussivo v prepodavanii interii. [Maskva, Prosveshchonio, 1966] 174 p.

(CSt-II)

Motion pictures in history classwork. V.G. theraters Vech, sied, shkola 9 no. 3:71-73 My-Je '6t.

# HISTORY, ANCIENT-PERIODICALS

A conference of contributors and readers of our pass, t. cal. V.S. Vest, drov. ist, no. 1.204-230 'er

HISTORY, ANCIENT-STUDY AND TRACHING A conference of contributors and renders of our painting.

# HISTORY IN ART

Kosova, G.R. [Pictorial art in the teaching of history]
Izobrazite! noe iskusatvo v prepodavanii istorii. [Moskva, Prosveshchenio, 1986] 174 p.
(CSt-II)

# HODGKIN'S DISEASE

ODGKN'S DREASE

Distribution of amino acids between crythrocytes priplasma in the blood in patients with tymphogranidary sis during radiotherapy. I. B. Pridliand, M. M. Killing, S. M. Fillkova. Med. rad. 12 no. 1:08-07 Ja *67.

Lymphogranulomatosis of mesonteric lymph indicastimulating inoperable cancer of the ovaries. A A. Rossoshanskii. Vop. onk. 13 no. 1:02-93 *67.

Radiosensitizing effect of methylethyletions diport at a first in X-ray irradiation of lymphosoproma in white pairs.

in X-ray irradiation of lymphosarcoma in white rate L, A, Tiunov and others, Med. tad. 12 no. 1;71 \$1 Ja 167.

# HODGKIN'S DIMEASE (Continued)

Significance of radiation load on organs and tissues in radiother apy of some malignant neoplasms and usence i radiother apy of some malignant neoplasms and templogranulomatoris L V Funshtein and others Med. rad 12 no 1,35-12 Ja *67

Med. (ad 12 no 1.35-12 Ja 167 Lac of auto- and allotrastusion of Lone marrow in conjunction with increased diseas of chemopreparations in the treatment of lymphogramulomatosis and tumorous retundoss, G. I. Khutsishvili, Probl gemat i perch, 1001-12 no 1.37-40 Ja 167.

# HOG CHOLERA

Histochemistry and some problems of the pathogenesis of hog cholers and swine crysticles M. S. Zhakau Vestsi AN ESSE, Ser selfhaspinavi no 4412-116 66.

HOME ECONOMICS-ACCOUNTING See subdivision under

# HOMEOSTASIS -- CONGRESSES

Symposium on homeostasis. E I Arshavskaia, V D Rozanova. Usp sovi, biol 52 no. 1425-428 Jl-Ag 161

#### HOMER

Homes today, 1 Vertsman Nov mir 38 no 12,263. 265 D 162

#### HOMICIDE

Pobegallo, E. F. [Mundors in the first degree and their control; a criminal law and criminological study] Umyshlennye ubilatva i bor'bn s nimi, ugolovno-pravovoe i priminologicheskoe issledovante. Vor onezh, Izd-vo Voronezhskogo univ., 1965. 203 p. (MH-L)

#### HOMOLOGY THEORY

Rings of operations and Adams-type spects at sequences in cets and dinary cohomology theories. U-Cobordisms and the k-theory S. P. Novikov Dobl. AN SSSR 172 no 1:33-36 Ja 167

#### HOMOTOPY THEORY

Topological imbeddings in manifolds, and pseudoisotopy. Liudmila Keldysh. Mat. abox. 71 no. 1:133-453 D

#### HONEY PLANTS

Correlation between the number of bees on flowers and the indices of nectar productivity in plants. A. Mitro-fanova. Uch. zap. GGU no. 50:208-211 '59.

Some data on the biology of the development of mixtures of noney and for age plants. V. I. Rodionov. Uch, 2ap. GGU no. 50:195-207 '59

#### HONING

IONING
Drimond horing of hardened east-ir on cylinder steeves
1 F Frigin Stan, i mstr 37 no 12 26-29 D 466.
Fiftert of abrasive and diamond horing on surface layers
of hardened steel, I Kh Chepovetskii Vest, mashinastr, 47 no 1:65-66 Ja 467.

Thermal phenomena in diamond and abrasive honing.

1. Kh, Chepovetskii Stan i instr. 37 no. 12:30-34 D 166.

# HOPPERS

Reducing noise and vibration on hoppers. R. Rubin, V. Afendik. Mor. flot 27 no. 1;38-39 Jn '67.

# HORMONE THERAPY

Fflectiveness of compound treatment of peptic ulcer, including hormone therapy, N.F Bogurenko, Sbor, nuch trud. SOGM1 no.10137-144 [6]

# HORMONES

Abademila nauk SSSR. Institut fiziologii. [Neurohormonal egulation of lactation] Neuro-gormonal nata regulatsita laktatsii. Moskva, Nauka, 1966. 234 p. Changes in functional activity of neurohormones in Pavacenti otus lividus embryos in course of a mitotic cycle, C.A. Buznikov, L. V. Berdysheva. Doki, AN SSSR 167 no. 2 466-468 Mr 166.

Influence of SPH and ACTH on the antincoplastic effect of the toxicity of dipin in hypophysectomized rats with sm cums 45, V.A. Chernov, A.S. Sokolova, Vop. onk 13 no.1.70-76 '67.

Inhibition of the exophthalmic factor by anahormone. R. C. Limanova, L. N. Bulovskaia, V. M. Dil'man. Biul.eksp.biol.i med. 63 no.1:16-18 Ja '67.

Zhukevskii, M.A. [Growing organism and hormones]
Rasiushchif organizm i gomony. Moskva, Zhanie,
1987, 31 p. (Narodnyi universitet: Fakul'tet zdorov'ia,

# HORMONES—PHYSIOLOGICAL EFFECT

Role of hormones in the regulation of correlations be-tween the momenton y gland and the genital system. V. Uzbekov. Fiziol.zimr. 52 no.12;1476-1480 D '06.

# HORMONES, SEX

Effect of sex hormones on blood congulation system. E. K. Modebadze. Soob. AN Gruz. SSR 44 no. 2;499-506 N ¹66. Effect of the blood serum and sexual hormones present in the urine of pregnant women on the isolated uterus. M. S. Gigineishvili. Soob, AN Gruz, SSR 28 no. 6;747-754 Je | 61.

Regeneration of the thymus during considerable shifts in the ser hormone content of the organism, D. G. Mallima Probl. endok. 1 gorm 8 no 6 31-37 N-D 162

Review of V. M. Dillman's book "Clinical use of sex hol-mones and their analogues" V.G. Baranov, A. M. Raskin Probl. endok. i gorm. 8 no. 6.98-100, N-D. 162,

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HORNBLENDE -ANALYSIS see subdivision under Chertomlyk region (Ukraine); Solemya Valley (Ukraine)

HORNTAILS see subdivision under Carpathian Mountain region

# HORSE BREEDS

Heterosis in pure breeding of Orlofi trotter. A.B Fomin Genetika no. 11:131-133 '66

#### HORSEFLIES

Protection of reindeer used for draft purposes from horseffics D. V. Sayel'ev, V. A. Poliakov Vest. sel'khoz nauki 11 no.12436 D '66

HORSEFLIES-PARASITES see Parasites-Horseflies

#### HORSES ---- ANATOMY

Changes in ultimate strength of bone tissue along tubular bone diaphysic. In extremittees of some ungulates—10 P. Antipchuk. Dop AN URSR no 10 1352-1351 '36

#### HOSE-TESTING

Study of the properties of some hose materials under the action of dynamic and impact loads, L. N. IUI iscv, V. A. Lepetov. Knuch. i 1e7. 28 no.1-41-43 167.

# HOSE-COUPLINGS

Connecting of hoses V Semenov Telh. v setther. 21 no 12 63 D '61

HOSIERY INDUSTRY—PRODUCTION STANDARDS see subdivision under Chimkent

# HOSPITALS-HYGIENE

Contamination of air in the higten chambers and control contamination of air in the finition channels and coint premises with itemolytic cocci and their biological characteristics. L. V. Hrybor irva, V. A. IAroshenko. Mikrobiol. zhur. 21 no 5 30-35 [62]

#### HOSPITALS-OUTPATIENT SERVICES

Some problems in organizing outpatient traumatological service. D. S. Navrotskii. Ortop., travm. i protez. 27 no. 12,54-58 D '66,

# HOT-AIR HEATING

Rated temperature of reurn water behind the hot-air heating radiators connected to district heating systems N. F. Nesterovich, Teploenergetika 7 no. 8 24-29 Ag 160.

# HOT-WATER HEATING

A mobile heater, V.Shchebetun Tekh v sclikhor, 21 no. 12 74-75 D '61

Single-pipe system of heat supply with central mixing substation and series accumulating tanks. 1U, D, Borckin, IA, G Shvartsbein, Vod i sun, tekin, no, ll·21-24 N *66 III. D. Box od-

Supports of hotbed frames, Kh. Popandopulo, V. Voloboev, Tckh, v sel'khoz, 27 no. 1:79 '67

# HOTELS, TAVERNS, ETC.

Problems of hotel interiors in standard building. G I. Kolchanova Trudy MVKHPU no 2;158-177 162.

HOTELS, TAVERNS, ETC. -- FURNITURE, EQUIP-MENT, ETC.

Furniture for hotels. Strot, i arkhit, Lcn. 28 no. 6:36 Je 366.

# HOURS OF LABOR

The five-day workweek and the structure of worling time. II. Makarskii Sots. itud. 12 no. 1:101-103 Ja 167.

The five day worky eek, production, and the sphere of service. O.Dronina, F Protest. Sets.trud. 12 no.2; 127-133 F *67.

Practice in organizing a two-shift work schedule for milkers. N. M. Baranova. Dokl, I soob, VNIESKII no. 28:31-37 [65].

Shoster working day with new wage arrangements. S. K. Mar'enko. Razved. i okh. nedi 26 no. 8:57-58 Ag 160. We work five days a week. N. Kezhevnikova. Mias, ind. SSSR 38 no. 1:15-16 Ja 167.

# HOUSING

Living quarters in housing developments belonging to industrial plants. S. Kuznetsov. Agitator 34 no. 3 49 F ¹⁶⁷.

# HOUSING-LAW AND LEGISLATION

Answering our readers' questions. Sov.iust. 31 no.3; 32 F 167.

Court practice in civil law conflicts between private persons and cooperative residential building associations. IA D Lanovskii. Sov gos.i prayo no 118-122 Ji '67

A decree of the Presidium of the Supreme Soviet of the U S S.R. Sov.iust. 30 no.21,20 D '66.

HOUSING MANAGEMENT, see subdivision under Moscow

HOUSING MANAGEMENT—FINANCE see subdivision under Moscow

#### HOUSING RESEARCH

The Housing Institute A. P. Ol'khova, Izv. ASiA no. 3-131-133 '61,

#### HRABOVS'KYI, PAV LO ARSENOVYCH, 1864-1902-LANGUAGE

Industrial-professional vocabulary as a means of a tistic expression in the poetic v orks of P. A. Hrabovstkyt, N. IA. lAtsenko, I eksykol ta leksykogt, no. 2:64-75-166

# HULLS (NAVAL ARCHITECTURE)

Determining and evaluating the structural strength of ice-breaking ships by converting from a prototype.

D E Kheisia Sudostroenie 27 no 1:9-14 Ja 61

# HULLS (NAVAL ARCHITECTURE)-STANDARDS

Developing standard specifications and norms for bull assembly operations N. N. Varverin and others Sudostroenic 27 no.1,53-57 Ja ¹61.

HUMAN ANATOMY see Anatomy, Human

HUMAN EMBRYOLOGY see Embryology, Human

#### HUMAN ENGINEERING

Ungineering psychology and visual study aids. A A. Chentsov. Shkola i proizv. 10 no 10 40-11 O '66

Industrial production and the psychologist, Prom Arm, 9 no 11 58-50 '66

Komarova, N. [Improvement of working areas in the machinery lindustry, a survey] Sovershenstvovanie rabochkh mest v mashinostroenii, obzor. Riga, Latvilskii respubl. in-t nauchno-tekhn. Informatsii i propagandy, 1960, 41 p. (Nauchnala organizatella truda)

HUMANITIES see subdivision under Rostov-on-Don

# HUME, DAVID, 1711-1776

Narskii, I.S. [Philosophy of David Hume] Filosofiia Davida IUma. [Moskva] Izd-vo Mosk, univ., 1987. 355 р.

### HUMERUS-FRACTURE

Splint device for the treatment of transcendy loid fractures of the humerus in children V.K. Urmonas. Ortop., travm.; protez. 27 no 12-66-68 D '66.

# HUMIC ACID.

AUMIC ACID

Structure formation and rheological properties of aqueous dispersions of bentonite clays during their interaction with hamates (with summary in English). TSMan Lun, N, N, Strib-Scribia, P, A, Rebinder. Koll, zhur 23 no. 3/327-133 My-Jr '61.

# HUMIDITY

(see also subdivision under Gazli region, Uzbekistan)

Effect of the air moisture on the relaxation process taking place in blended yaun during the cycle "loading unloading - rest " O IA Berzina, E N Kudasova, Nauch - issl trudy TSNIKHBI 7a 1963 g. 138-452

Problem of heat and humidity transfer of certain solids under boundary conditions of the second kind. Sh. N. Pliat. Inzb. -fiz. zhun. Il no. 6:740-746 D '66.

Study of the effect of the drop of relative humidity of the air on the deformation of leather parts during the menufacture and storage of footweer. G. S. Klimchuk, IU. P. Zybin. Izv. vys. ucheb. zav. ; tekh. leg. prom. no. 6.95-99 *66.

(see also subdivision under Central Chernozem Preserve; Kazakhstan; Krasnoyarsk Territory)

Dynamics of organic matter in soil under a rye monocul-ture, G S, Montuliak. Pochvovedenie no, 3 21-33 Mi *60.

Modification of the volumetric method of humus determina-tion for mass analyses. V. N. Simakov, V. P. TSyplenkov, Pochvovedente no. 4.113-119 Ap 160.

Organic matter in soil and plant nutrition. M. M. Kononova, K. V. D'iakonova. Pochyovedenie no. 3:1-11 Mr '60.

Spectrophotometric determination of the humas content of soil. D S Orlov, N. M. Grindel!. Pochvovodenie no.1:12-122 Ja '67.

Studying the effect of wind erosion on the change in the composition of organic matter in light soils. E. A. Chakwotadze, T. F. IAkubov. Pochvovedenie no 1:91-98

Titrimeter for use in the volumetric method of humus determination V. P. TSyplenkov Pochvovedenie no. i: 120 Ap '60,

#### HUNGARIAN NEWSPAPERS

The "Nep-zabadsag" Janes Nemes Nov view 25 no 7 to 1 167

#### HUNGARY-ARCHITECTURE

Created by Hungarian architects, book on the works of the Institute for the Design of Public Buildings. A. Liubosh Stron raishit Len 28 no 6 35 Je 466.

# HUNGARY-BAKING-RESCARCH

Work of the scientific research institutes of the baking industry of socialist countries. It E Morey Khilch I kand prom. II no 16-0 Ja '67.

# HUNGARY-BIBLIOGRAPHY

[New literature on Hungary] Nov lit. po Veng. no. 1 '67.

#### HUNGARY-CHILDREN

Encounters on the street of the future summar is should be no 750-11 Jl to. S TSukasov.

#### BUNGARY-GROUTING

Plactice of using bentonite for grouting rocks in under-ground construction in Hungary (conclusion) I K Stanchento, M I Cheltsov Shakht strot 5 no 11 27-70 II fet.

#### HUNGARY-BRIGATION

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# HUNGARY—SOILS—MAPS

Using the principles of genetic soil science in solving some problems of soil melioration and agricultural chemistry. I Sabolich Pochyovedenie no.1,66-70 Ja '67

#### HUNGARY-TECHNICAL EDUCATION

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#### HUNGARY-TRADE UNIONS

Training by permusion Janos Vas. Sov profsoinzy 23 no 137-38 Ja '67

HUNTING see subdivision under Khamur Daban Range

The occan is attacking, I. Sheinis. Az. i Afr. seg. 10 no 16-7 Ja '67

#### BUSBAND AND WIFE

Andreeva, IU.V. [Family affairs, notes of a lawyer]

Dela semeinye; zamctki iurista. Petrozavodsk, Karel-skoc knizhnoc izd-vo, 1966. 102 p.

A traiter in the house, L. Nemenova, Mol. komm, no 488-92 166

# HYALURONIC ACID-THERAPEUTIC USE

Use of hyshuronic acid for the preparation of granulating wounds and ulcers for skin grafting S P, Vilesov, V.S, Belikov. Ortop, travm, i protez 27 no 12:57-60 D 66

# HYALURONIDASE

Biochemical characteristics of hyaluronidase of an animal tissue. A A. Baey. Dokl. AN SSSR 172 no. 3 720-722 Ja *67

Study and comparison of the cup endothelial test, diphenylamine test and content of antistreptohyaluronidase in the active phase of rheumatic fever. S. I. Lilenko Trudy LPM 37,139-145 '65.

oss hybrid corn B.V. Magidov. Vest. II no.12:62-64 D '66.

cy of the application of heterosis.
Zel'dner. Ekon.sel'khoz. 42 no.i:

ield of interline hybrid corn. A.S. Profimov. Vest, sel'khoz, nauki 11

[New achievements in the hybridizave u gibrydyzatsii kukurudzy. i dop. Kyiv, Urozhai, 1965 71 p.

lomestic animals, I. I. Lakoza, Genetika

ision under Soviet Far East) d of treating echinococcosis entitled . Deenichin. Khirurgila 42 no. 12.70-

subdivision under White Russia

ohols on formation of crystal hydrates ses. A.A. Krasnov. Gaz. delo no. 12

#### HYDRATION

Kinetics of cement hydration in concrete at elevated temperatures. LA Sillchenko, NV Mikhailov, PA Robinder. Dokt AN 859R 167 no 2 391-391. Mr. 166

Nature of exchange ions and hydration energy of ion exchangers. E.F. Nebriach and others. Dokl. AN SSSR 171 no. 6:1373-1375 D '66.

#### HYDRAULIC CONTROL

Some factors influencing the strength of rubber sealing tings of the Hydraulic drive. D. B. Dobrushkin and others. Kauch riez. 26 no. 1:36-40 107.

#### HYDRAULIC CONVEYING

Esperience in using KM-81 equipment complexes, N A Shesiakov, P P. Denisov, I. I. I ugul, Ugol' 12 no 1 38-12 Ja '67

Results of the operation of an electromagnetic flown-eter on coal pulp L. P. Dikmarova Ugoli Ukt. 6 no 12 on coal pulp 20-21 D '62

#### HYDRAULIC ENGINEERING

(see also subdivision under Baikal Lake region)

Accident prevention in the construction of crossings over water obstacles. IU P Mikhalevskii Strot truboprov 6 no 12 23-24 D 61

Borehole di illing for smooth blasting with small-diameter roller bits M. G. Abramson. Vzryv.delo no.61/81:60-

Determining the protective layer thickness during blasting operations in making foundation pits and other cavities for important hydraulic engineering installations B. I. Komenka, A. A. Feshchenko. V21 yv.delo no 61/81,43-

Important problems of the improvement of designing in methotation V. M. Dombrovskii, Gidt i mel. 19 no 1:52-55. Ja. 167,

Main trends in the development of boring and blasting operations in hydraulic engineering. A. G. Hagdasan ov Vzryv delo no.61/81:290-297 '66.

Problems of soil dynamics for hydraulic construction and direction of further research, I.D. Aptekari, I.N. Sheherbina, Friedy Gidt oprockta no. 13:03-106 '66

Resolution of seminar on dynamics of hydraulic structures Trudy Gidropi ockta no 13'107-109 166.

# HYDRAULIC ENGINEERING-CONGRESSES

The thirtieth anniversally of the Pinst All-Union Congress of Hydraulic Engineers G O Levit Gidr stroi, 32 no 11 63-64 N *61

HYDRAULIC ENGINEERING—EQUIPMENT AND SUPPLIES see subdivision under Volga Hydroelectric Power Station (22d Congress of the CPSU)

HYDRAULIC ENGINEERING-TABLES, CALCULATIONS. ETC.

Analysis of pinpoint blasting R.IA, Strausman, Vzryv. dolo no. 61/81:175-187 '46.

Computation of unknown quantities without the solution of consistent equations in the calculation of statically undeterminable constructions 1 L.G. thanov, K.F. Zhuval' Trudy THIMSKH no 15 3-29 '60

# HYDRAULIC ENGINES

Regulating effective volume of radial piston hydraulic engines A, IA Rugov, IU, I, Lovtsov, Vest, mashinostr, 47 no 1 20-24 Ja '61'

# HYDRAULIC GATES-DYNAMICS

Dynamics of subsurface hydraulic gates. A S. Abelev, V. A Solnyshkov, P E. Lysenko. Trudy Gidroprockta no. 13 45-59 *66.

# HYDRAULIC JACKS

Hardening reinforcement using DG-170/1120 hydraulic jacks, R. Chanyshev, Prom. strol. i inzh. soor. 8 no. 6:16-20 N-D '06.

# HYDRAULIC JACKS-RELIABILITY

Improving and increasing the operational reliability of individual hydraulic supports. I. L. Gelkhman, B. A. Karayaev, Ugol' 42 no. 1;42-44 Ja '67.

# HYDRAULIC JUMP

Some results of studying pulsation of pressure in hydaulic jumps. O. F. Vasni'ev, V. I. Bukreev. Trudy Gidroproekta no. 18 172-176 166.

# HYDRAULIC MACHINERY

Development of vertical hydraulic ship raisers in shipyards of the German Democratic Republic. G. N. Finkel¹, L. G. Iaroshevich. Sudostroenic 27 no.1:65-68 Ja '61.

Using the advantages of hydromechanization. V.P. Milhutin, A.I.Kuprin, Put! i put, khoz. 10 no. 9;20-21

HYDRAULIC MACHINERY—TESTING see subdivision under Volga Hydroelectric Power Station (Lenin)

#### HYDRAULIC MEASUREMENTS

Lerors in measuring flow's from a voice, source used, sondes. G.V. Viktorov. Piter gomashina from the 12 no. II 4-1 N. 166

#### HYDRAULIC MINING

(see also subdivision under Karnetsk Basin) Scientific conference on the expansion of hydraulic confimuling. M. M. Farrey, h. F. I mer. (hydraulic fine 3-49) Mi. [64]

Short pillar system of mining along the strike used in hydrautic cort mining. I.A. Grigor event others. I Ukt. 8, no. 3,9-40, Mr. 163

# HYDRAULIC MINING-EQUIPMENT AND SUPPLIES

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Hee of the modernized, revolving, semiautomath MP32-M press for the valentization of tablet pats, N, V, Vasillev and others. Nowh, where S are the M-17 N '66.

### HYDRAULIC STRUCTURES

Chlculation of the wings of guide walls. A 1. Ostrovakis. Trudy THIMSKH no. 15 68-75 *60

Conference to exchange experience in designing and building hydraulic tunnels and underground hydrock-tric power stations V is kuperman. Gidt atom no R:58-63 N '61

Grishin, M.M., ed. [Methods of calculating slability and strength of hydraulic structures, reinforced contracts structures on nom ock basen] Metody ranchet rustok ht vosti i preclimosti gidi otekhadelosskikh nooruntenti, zhelezobetomye sooruntentia na neskal'nykh osno, antiakh. Izd. 2. [By] V.P.Likhachev I dr. Monkvo, Strolizdat, 1996. 439 p.

Optimum operation of the reservoir of a hydrostation under hydrological conditions of high water content to I a given operational volume, IU.E. Guliev IVAN Azorb SSR, Ser fiz, -mat, i tekh mark no 5 50 77 0 2

Technical and economic indices of the use of convete pumps in the construction of hydraulic structure ( 11 4), Vainshtein. Freng, stron, no. 1:37-42 466,

We are putting into operation good grade atractures. L. K. Shevehenko. Transp. atroi. 16 no 1/18-20 Agr

# HYDRAULIC STRUCTURES—DYNAMICS

Immediate problems of research into dynamics of by  $dx_{\rm so}$  . He engineering works. G. A. Russo, L.S. Sheimus. Fr  $_{\rm so}$  - dy Gidroprockta. no, 13-5-13  $^{+}66$ 

# HYDRAULIC STRUCTURES-MAINTENANCE AND RE-

Russia (U.S.S.R.) Gosudarstvennyt komitet og delam strottel'stva. [Regulation on the planned proventive repair of son and river port, navigation and alip litting hydraulie structures] Polorikonie o provedenit plannese-produpreditel'nego remonta meriakikht i rechtyki portovykh, sudokhodnykh i sudopod'emnykh gidro-tekhnicheskikh sooruzhenii. Izd. ofitsini'noo, Moykya. Strolizdat, 1966. 58 p.

# HYDRAULIC STRUCTURES-THERMAL PROPERTURS

Convective heat conductivity in concrete hydraulic structures N.N. Verigin, Dun lui-Taziani, (lidt. atr. ) 32 no. 11 45-47 N 161

# HYDRAULIC TURBINES

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Effect of abrasive wear of components on the effectors of hydraulic turbines, N. I. Pylnev. Energonashlan-stroenic 12 no. 11:31-33 N '66.

Diffect of leakage on the officioncy of a radial-and axial hydraulic turbine, M. M. Orakhelnshviii, Facigo-mashinostrocaio 6 no. 9:12-14 S '60.

Effect of pulsation of pressure on structures in flow section of swiveling blade hydraulic turbines. 1. A. Zehrtov, M. F. Sarkisova. Trudy Gidropi ockta no. 13,77-

Machining of radial openings of the stators of horizontal hydraulic turbines. K.S. Chepelo. Energonselliness, enter 12 no. 11.41-42 N '06.

Use of electronic integrators for studying the dynamics of the speed control of hydraulic units. F. J. Perovskins V. V. Semenov, E. N. Fomina, Short, sab, po vop, elsk-tromekh, no. 4:235-248 160,

# HYDRAULIC TURBINES-CORROSION

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# HYDRAULIC TURBINES-TESTING

Resistance to cavitation of hydraulic turbine materials under actual operating and laboratory conditions, N.I. Pylaev. Thergomashinostrocnic b no. 6:28-31 S

#### RYDRAULICS

Calculating the steady flow of a stream through alluvial deposits F. Sh Mukhamedzhanov Trudy HIMSKII 11.5.1.1:54-67 *60

Griph representing the specific energy of the cross section of a trapezoidal stream channel and its application A.V. Troitsbu, Trudy THIMSKH no 15 91-94

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Interaction of asymmetrically disubstituted hydrazines with derivatives of  $\alpha, \beta$ -un with acids. Report No. 3: N-henzyl-N-pheny hydrazides of unsaturated acids. N. P. Zapovalova, C. A. Sokolova, Izv. AN 885R. Sci. khim. no. 17:2197-2200 466.

Interaction of asymmetrically disubstituted by drazines merice and of a symmetricing aromountain against with derivatives of a, \$\beta\$-unsaturated acids. Report No. 1: Reaction of N, N-dimethy hydrazine with a, \$\beta\$no. it Renegion of M. Seammeny invariation with  $a_i$  pear the acid acid estern. N. P. Zapevalova, L. A. Cwifundikova, T. A. Sakolova, 17v. AN SSSR, Ser. khim, to, 12°2200-2204 -  1  U b.

Beartion of asymmetrical disubstituted bydensines with te ecuson of asymmetrical disubstituted hydrorines with  $v_0B$ -unauturated acid derivatives. Report No.5. Preparation of I, I-dimethylpyrazolinium-3-ovidas from dimethylhydrazine chloride. N. P. Zapevalova, L. A. Ozstunikova, T. A. Sokolova. Izv AN SSSR, Ser khim, no. 1.182-164. Ja. *67.

#### HYDRAZONES-DIPOLE MOMENTS

Trutone Plan, and generical isomerism of nitrogen-containing derivatives of an band compounds. Report No. 14: Dipole moments and structure of phenylhydra-tones of some ald hydes and ketones. Izv. AN 895R. Ser. khim. no. 12:2004-2090 466.

# HYDRAVONIUM COMPOUNDS

Placti achemical oxidation and reduction of hydrazonium for i. V.S. Daniel'-Bek. T.N. Glazatova. Elektrokhimita 2 no. 12:1400-1401 D '66.

# HYDRIODIC ACID

Bellydt agenation of impenance in presence of hydrogen models and asygen. 5, V Addram, V. I. Nikonov, McCtener, inclickhim, no.840-14466

HYDRODIO LOGICAL RESEARCH see subdivision under Pacific Ocean

HYDDOBIOLOGY
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ince this decision of the formation of principy production in sea waters. M.V. Fedosov, N.V. Azova, I. A. Frinachenko, Trudy VNIRO 60:68-77

Main objectives of hydrobiology and fehthyology in current five-year plan, G.V. Nikol'akii, Gidrobiol, zhur, 2 no. 6:0-10 466.

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# HYDROCARBON OLIS-ANALYSIS

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SYDROCARDONS
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Catalytic interaction of nitrobenzene with hydrocarbons, N.S. Korlov, N.K Matveeva, Dokl AN SSSR 172, 10, 3,600-602 Ja '67,

Chemistry of hydrocatoms and their catalytic transformations. A. L. Liberman. Usp. kistro. 30 no.5;563-592 My '61.

Corrosion inhibitors in the system hydrocarbons - aque-que solutions. V. F. Negreev, L. A. Mamedov, G. M. Abdullaeva. Trudy Inst. khim. AN Azerb, SSR 20:36-50

Degree of deviation from equilibrium state in traps during petroleum separation I.S. Starobinets, S. F. Moisefkov. Mouch. -tekh sbor. po dob. nefti no. 3 (100-103 159.

Effect of chemical composition of system on quenching of chemiuminoscence by overn. V. A. Behakot.
T. N. Bykhovskaia, R. T. Vastl'ev. Zbur prikl. speyt.
5 no 5,630-631 N '66

Effect of unsaturated hydrocarbons on tendency of diesel facts to form precipitates on needles of atomizers
B. A. Englin, F. G. Kuznetsov Neftener, i nemoking ne ID 7-10 166.

Decirokinetic phenomena in hydrocarbon a, stems with a hydrophilic dispetse phase (with summary in English) IU F. Deinega, G. V. Vinogradov, A. M. Vovnenko, Koll Juir. 23 no. 3 257-261 Mj-Je. 61.

gises in order to obtain stock for petrochemical industry, A.L. Chvertkin, Nefteper, i neftekhim. Experience in centralized purification of hydrocarbon A L. Chvertkin, Nefteper, i neftekhim no. 10 20-

Investigating 100°150° paratimic -naphthenic fraction of the agenation product of bicyclic hydrocarbons. T Begdanova, I.V.Kalechits Netteper I neffekhim no.12:27-30 '66

Performance of various groups of oil hydrocarbons and their receptivity for the AZNH-7 additive. A M. Kultev and others Sbor, trud. Az NH NP no 3 209-

Study of the group hydrocarbon composition of high boiling fractions (above 350°) of some Azerbaijan oils G.G. Ashumov, Sh. V. Velley, T. S. Stepanian Sbortud Az NII NP no 3 32-44 158.

Mays of miximum dituration of light hydrocarbon components in production and initial preparation of petroleum A.S Eigenson, L.I. Vatayskau, I. M. Molochnikov Neft Mor. 4 ino. 12 17-49 D 166

Wetting of steel in the system hydrocarbons - aqueous solutions under conditions of moving liquid. V. N. Negreev, I.A. Mamedov, G. M. Abdull reva. Trudy Inst khim. AN Acerb. SSR 20131-64 '64

# HYDROCARBONS-OPTICAL PROPERTIES

Refi actometric characteristics of solid potroleum hydro-embon fractions not containing mallanes. A. N. Guseva. I. E. Leifman Izv. vys ucheb zav., neft i gaz. 9 no 8

#### HYDROCARBONS-SPECTRA

Paper limental and theoretical Bludy of the line intensity of the vibrational spectra of organoge mantum compounds and some hydrocarbons. S V Markova Trudy Fiz. inst. 35:150-227 166.

Fig. 1984. 35:130-227 '66. Magnetic resonance of protons of water and n-hydrocarhons adsorbed by silicate someths of different porous thucture. B. 1. Tul'bovich and others. Izv. vys. ucheb. znv. khim. i khim. tekh. 9 no 5:735-737 '66.

# HYDROCARBONS, DFFECT OF RADIATION ON

Mechanism of the processes of radiolysis of hydrocarbons absolved on sitica gol. V.V. Strelko, K. A. Suprunenko. Taoret, i eksper khim 2 no. 5-694-697 S-O 186

Experimental treatment of brain edema in white mice, V M.Samvelian. Biol zhur. Arm. 18 no. 10 78-84 O '66.

# HYDROCHLORIC ACID

Continuous hydrolysis of the polysaccharides of plant tissues with 46-48% of hydrochloric acid Report No 3 Absorption of hydrogen chica ide by moist wood N.V. Chalov, A.E. Leshchuk Izv.vys ucheb zav., les.zbu.

Continuous hydrolysis of the polysaccharides of plant tissues by 46-48% hydrochloric acid. Report No. 6. Thermal treatment of wood saturated by gaseous hydrogen chloride with simultaneous increase of the partial pressure of hydrogen chloride. N. V. Korotkov, N. V. Chalov. Shor. trud. NHGS 14:180-191 165.

Interaction of neytdiethylenetria mides of phosphoric acid with hydrogen chloride and chlorine. I. D. Protsenko, N. IA. Skul'skaia, Ukr. khim, zhui, 32 no. II 1998-1199

Method of calculating the column for salt (extractive) rectification of hydrochloric acid. O.V. Tyshetskala, I. M. Grinshtein. Shor, trud, NHGS 14,225-237 '65.

Splitting off of phenyl groups in methylphenylsiloxanes under the effect of hydrochloric acid A. C. Kuznetsova, V. I. Ivanov, C. C. Pcholintseva. Plast massy no 1/25-28 #67,

Study of the structure of hydrochloric acid hydrate-solvates in tributyl phosphates by means of infrared speciloscopy, E. V. Komarov, M. E. Obukhova, M. F. Puehlenkov, Zhur, neorg, khim, 12 no. 1 231-235

Use of the method of balt (extractive) rectification for the decomposition of hydrochloric acid in the hydrolysis glucose production. O.V. Tyshetskaia, I. M. Grin-shlein, N. V. Lohedev, Shor, frud, NHGS 14:218-224

# HYDRODYNAMICS

Cauchy problem for minor oscillations of a viacous fluid in a weak field of mass forces. N. D. Kopachevskii.

Zhur. vych. mat. i mat. fiz. 7 no. 1 128-146 Ja-F 187.

Effect of the mittal temperature nonuniformity of the main stream on the officiency of film gas to ding of a plant surface in a turbulent film. V. M. Rojalshov, O. Bohrachik-Kozachik, Dap AN URSR no. 12 1588-1591

Equations of quantum hydrodynamics allowing for dissipation processes. V A Risentiu. Vest Mosk un Set 3 Fiz., astron 21 no 6 57-62 N-D '66

Heat transfer and temperature distribution is the wall of a square channel during turbulent flow of water and mer-cury M.Kh lbrugimov and others. Teplofiz vys temp i no.6 846-852 N-D 166

An important characteristics of the spinodale, V.P. Skripov. Teplofiz vys. temp. 4 no.6816-820 N-D

Motion of a body containing a cavity partially filled citic a viscous fluid. F. L. Chernous'ko. Prikl. mat. i mekh. 30. no. 6. 977-992. N-D. 466.

Note on R. V. Birth's papers "On the spectrum of minor perturbations of a plane-parallel Couette flow," PMM 1965, v. 29, no 4 and "On minor perturbations of a plane-parallel flow with a cubic velocity profile," PMM 1966, v. 30, no 2 R. V. Buith Prith mat i mich., 30 no 6 lit? N-D 156

Pressure fluctuation and heat transfer to a wall in the cone of discrete voitexes of a confined jet M S Formehev, lzv AN SSSR Energ (transp. no 6 H5-118 N-D 466

Solution of a nonstationary O' een's boundary problem for a cylinder L E Avalishvili Soob AN Gruz SSR 25 no. 6 647 651 Jc 161,

Solution of a problem involving unsteady motion of a viscous incompressible liquid in a narrow fissure, no Kasimos Izv AN Azeib SSR Sei fiz -mat i tekh nauk no 5 H9-128 '82,

Some self-similar motions of a gas due to impact and detonation in a medium of variable dansity. E. I. Andriankin, Prikl mat I mekh. 30 no 6 1133-1139 N-D '06,

#### HYDROELECTRIC POWER see subdivision under Nepal

# HYDROELECTRIC POWER STATIONS

(see also subdivision under Trialsk Province; Vakhah River; Vakhah Valley, see also Bratsk Hydroelectric Power Station; Dneprodzel zhinsk Hydroelectric Power Station; Inguri Hydroelectric Power Station, Kremenchug Hydroelectric Power Station; Kras-Kremenchig hydrotectric Power Station; Nurek Hydro-electric Power Station; Toktogul Hydroelectric Power Station, Och-Kurgan Hydroelectric Power Station, Vilyuysk Hydroelectric Power Station, Vilyuysk Hydroelectric Power Station, Volga Hydro-electric Power Station (Lenin), Volga Hydroelectric Power Station (22d Congress of the C PSU)

Absolute stability of the hydraulic conditions of hydro-electric power stations with equalizing reservoirs D \ Dogonadze Soob AN Grue SSR 44 no 2-395-400 N 66

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Effect of the location of the disphragm in the reservoir on the amplitude of water level oscillation curing the in the load of an electric pover plant. M. I Gogoberidze Soch. AN Gruz SSR 44 no.3,698-706 D '86.

From the report of Comrade N.S. Khrushchev to the 22d Congress of the CPSU, Gidr. stroi 32 no. lt 1 N

From the report of N.S. Khrushchev about the Program of the CPSU to the 22d Congress of the CPSU Gidr stroi 32 no.112 N 161

A method of determining the economic efficiency of hydroclectric power stations V.V. Bolotov, D.S. Shchavelev, V.P. Zakharov Gidr stroi 32 no.11 42-44 N 151.

Ruse in level of ground water and change in its chemical composition in foundation beds of industrial enterprises. B L. Corlovskii, L. M. Shckhtman Osn., fund., mekh. grun. 8 no.5 34-35 186.

Tasks of hydroelectric power station builders in the light of the decisions of the 22d Congress of the CPSU Gidr stroi 32 no 119-14 N '61

Use of asynchronous generators in hydroelectric power statuons, V, V Mikhailov. Elek sta, 37 no 12 38-40 D '56.

# HYDROE LECTRIC POWER STATIONS-DESIGN AND CONSTRUCTION (see also subdivision under Razdan Valley)

"Price" of time in the power industry. Z. Chukhanov Vop.ekon no.1:29-40 Ja 167.

# HYDROFOIL BOATS

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# HYDROFOIL BOATS.-HYDRODYNAMICS

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#### YDROGEN

heati rehemical study of hedregen adsorption by ruthenium in squeous sorganic media. G. P. Khomchenko. R. B. laran, Vest. Most un Ser. 2, Khim 21 no 5:33-37 N-D '66.

Reactions of hydrogen atoms in the system  $\rm H_2O+H_2SO_4+$ FeSO₄ Part 1 Reactions with atomatic compounds N. M. Bazhin and other 5 Kin 1 kat. 7 no. 6, 899-1006

# YDROGEN BONDING

httamolecular hydrogen bonding and superfine splitting on proton of hidrocyl group. Part I Ditadiovy authorsemiquinones. A. E. Lutskir, I. S. Romodanov, IU, A. Krugilak. Pentet i ckapat khim. 2 no 5 616-623 S-

ntramolecular by drogen bonding and superfine splitting on proton of hydrox, I group Part 2 Polyh, droxyseiman-thraquinones A.E. Lutshir, I S Romodanov, III, 1. Krugliak S-O 66. feoret ieksper.Phim 2 no 5,624-628

# YDROGEN-ION CONCENTRATION

leidity and alkalimity of aqueous solutions under condi-tions of increased temperatures and pressures. B.N. Ryzhenko, N I Khitarov Geokhimita no 10 869-871

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Iffect of pH of the medium on the course of catalytic hydrogenation of β-nutrostyrene L Kh Freichhn, E, F, Littin, V M, Chursina, Kin I kat 7 no 6 1039-1044 N-D '66.

ffect of pH on corrosion behavior of aluminum-antimony alloys L.E.TSygankova, V.I Vigdorovich. Zushch met. 3 no 1:105-108 Ja-F '67.

affect of the pfi value on the vital activity of the acid-producing fungus Aspergillus niger G I, Zharavskii Trudy VANII no. 17 122-143 166

pH of the beginning of precipitation (dissolution) and all of the beginning of precipitation (discontinuity and its dependence on emitig, characteristics of lons of group II elements and 4th series of D. I. Mendelev table. P. N. Kovalenko, 12v vys. ucheb zav. khim. 1 khim. tekh. 9, no 5 595-704, 266.

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### YDROGEN PEROXIDE

l'orce constants of hydrogen perovide - N. T. Storchai, V. P. Morozov - Dop. AN URSR no. 12, 1596-1598, 466

live ogen perovide in hypofluorination reaction. L. S. German, G.G. Belen'kii, I.L. Knumiants, Doki. AN SSSR 171 no. 6:1333-1:36 D '66.

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# YDROGEN PERCKIDE-THERMODYNAMICS

Calculating the thermodynamic properties of hydrogen perovide allowing for thermal dissociation at 273 15° - 2006° k temperatures and 0° - 500 bar pressures. A.L. 185/kalo, A.G. Tabachnikov Teploftz vys. temp. 4 no 8 810-815 N-D 166.

# YDROGEN SULFIDE

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Production of hydrogen sulfide by some microbes of the group of pathogens of natural focus diseases. L. A. Timofeeva and others. Zhur, mikrobiol., epid, i immun, 44 no.1167-111 Ja "67.

temoval of hydrogen sulfide from gas in the "boiling layer" of manganese slime. IA Buchukuri, V. Chagunava Soob, AN Gruz SSR 26 no. 6 659-664 Je 161.

tole of cobalt, copper, and molybdenum in increasing the activity of hydrogenase in forage bean nodules. Il V Perve, B A IAgodin, A.D. Popazova Agrokhi-mia no. 194-99 Ja 187

# /DROGENATION

'atalytic hydrogenation of acetylenic γ-glycols and their derivatives. Report No.1, Hydrogenation of β-cyanocithyl ethers. P. S. Bataev and others. Izv. AN SSSR. Ser. khim no.12:2176-2179 '66.

hemical composition of 200° - 200° fraction of hydro-genation product from gas oil extract of catalytic crack-ing, R. A. Koniashina, T. S. Nikinforova, N. G. Grantov-skaia, Nefteper, i neftekhim, no, 8;6-8 '86,

omparative data on the kinetics of benzene hydrogena-tion on Ni-Cu-and Ni-Co alloys. E. I. Evzerikhin. G. D. Liubarskii. Kin. i kat. 7 no. 6;1085-1088 N-D '66.

Determination of the selectivity under in fat hydrogenes-uon, A. I., Markman, A. I., Glushenkova, G. A. Preconte-denskala Masl - Ahrt prom 33 no. 1 16-18 Ja 467

Effect of modification on the course of hydrogenation of pseudotonone in the presence of nicket catalysts, T. I. I. I. L. I. L. I. L. L. Gvinter, N. V. Boronova – Dokt AN SSSR 171 no. 1,883-886. D. 166

Efficient utilization of kerosine distillates produced in the thei mocatalytic decomposition of petroleum residues. V. S. Airev and others. Short and Az NII NP no. 3 110-125, 188

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Hydrogenation of allyl alcohol on platinum and pilladium catalysts with polyacrylonitrile as a support. D, V. Sokol'sFir and others. Kin., kat 7 up 6:1032-1038 N-D 166

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Influence of temperature on the correlation of solvato-thromic effect and rate constants or hydrogenation of some nitrobenzene der fratives - A V, I inkell shiefin, Z M Kurlmina, Doki AN SSSR 171 no. 1 915-918 D 486

Investigating 106-150° paratifinic maphiheme it actions of hydrogenation product of breyelic hydrocarbons T. A. Bogdanova, I V. Kalechits Noftepar i neitckhim no 12 27-30 '66

Paraffins and cereains from oil fractions of hydrogenation products of Romashkino petroleum K. S. I. ipav-skaia and others. Nefteper i in fickhim no. 10,10-13 186

Preparation of diborane by hydrogenation of all yl boron dichtorides A I Gorbunov, G, S Solovieva, Zhur, neorg khim, 12 no.13-7 Ja 'b7

Shift of the catalyst potential as a function of reaction rate in liquid phase hydrogenation. Part 2: Stationary class to chemical potential of a catalyst and optimum conditions. tions to the process V. A Druss Kin. i kat 7 no 6: 1089-1091 N-D b6

Using industrial catalysts in hydrogenation of acctophe-none, D V Mushenlo and others. Nefteper refit khim, no. 8:45-38-76

# HYDROGRAPHY

(see also subdivision under Moscow Province)

The science of maritime hydrography in Russia dming the period from the 19th century to the beginning of the 20th century A, I, Alekseev Trudy Institute et 1 tokh 42 80-102 162

HYDROGRAPHY-BIBLIOGRAPHY see Bibliography-Hydrography

### HYDROLOGY

Nature of snow deposition, tunoif, and soil moisture (n eroded slopes under the effect of land improvement through afforetation 11. P. Dik. Trudy Sar. sel'khoz. inst. 15. no.3:62-66. '65

# HYDROLOGY-PROBLEMS, EXERCISES, ETC.

Chebolarcy, A. I., and K. P. Kiibashev. [Hydrological calculations, collection of exercises] Gidrologicheskie raschety, sbornik uprazimenti Leningrad, Gidro-moleoizdat, 1956. 295 p.

# HYDROLOGY-RESEARCH

Experimental determination of coefficient of vertical turbulent diffusion in water for settling particles, V.I Matiukhin, O.N. Prokof'ev. Shor 12b, po gidrol no 6 69-77 '68,

# HYDROLYSIS

(see also subdivision under Uzbekistan)

Continuous hydrolysis of the polysaccharides of plant tissues with 46-46% of hydrochloric acid. Report No.3. Absorption of hydrogen chloride by moist wood. N.V. Chalov. A. E. Leshchuk. Izv.vys.ucheb.zav.; les.zhu.. 9 no 8:130-143-166.

Continuous hydrolysis of the polysar chariden of plant tissues by 46-48% hydrochloric acid. Report No. 6; Ther mal treatment of wood saturated by gaseous hydrogen chloride with simultaneous increase of the partial pressure of hydrogen chloride. N. V. Korotkov, N. V. Chalov. Shor, trud. NHCS 14:180-191 '65.

Developing a technology for the introduction of phosphorus Into hydrolysis media by the use of phosphoritr meal and apatite concentrate. I.I. Korolikov and others, Sbor, trud. NIIGS 14:57-69 165,

Economic efficiency of new percolation methods, A.I. Kozlov and others, Shor. trud. MIGS 14:42-47 '65.

Economic efficiency of substituting superphosphate by natural phosphates (apatite concentrate and phosphorite meal) in the hydrolysis industry. A. I. Kozlov. I. A. Kutrueva. Sbor, trud. NIIGS 14:70-78 '05.

Hydrolysis of betaine, N. I. Paviosiuk and others. Ukr. khim, zhur. 32 no. 11:1249-1251 '66.

Hydrolysis of corneols by means of percolation with alternating flow, R. I. Illianovskais, I. I. Korol'kov. Shor, trud. NIGS 14:36-41 '65,

Hisdrolysis of polysaccharides converted into a reality hydrolyzable state by mechanical and chanded treatment. N. V. Chalor, P. F. Gornachielt, V. J. Shorkin. Shortind NHGS 11,166-179 165

Hydrolysis of reactin products of gossypol with arthurshin and, V. P. Rehckhin, A. B. Belova, Zhan prediction of 1447-1317 Jr. 162 Hydrolysis of steroof esters by Mycobacteria K. A. Koshaheenko, G. K. Sarishin Milerobiologika J5 no 64017-1023 NoD 166

Historiff to the transfer of a striffuoropt operation of a striffuoropt operation of a striffuoropt operation of a striffuoropt operation of the transfer operation of a striffuoropt operation operation of a striffuoropt operation operat

Kinetics of hydrolytic decomposition of ferrichich as the te A. A. Pendin, M. S. Zakharevskii, P. K. Lagatevskii i. Kin, i kat. 7 no. 6:1074-1077 N-D 166.

Loss of reducing substances during the purification and cooling of neutralized hydrolysates. L.I. Knowledge, E.F. I ikhones, J. F. Vysotskaia. Shor, trud Mick.

Purifying neutralized hydrolysates of suspended substantial by the method of continuous settling. I.I. Korol'kov. 7.A Tingunova, G.D. Parameneva, Sp. 1. tud. NIGS 11:38-45-366.

Resinous and colloidal substances of hydrolysades. 1, 1, Korolli ov. Z. A. Tiagunova, G.D. Parameneva. (*) r. trud. NRGS 11/21 27 465.

Scientific Council of the Scientific Research Institute of the Hydrolysis and Salfite Distilling Industry, M.7 Krumgol'ts Chdrolted lesokhim, prom. 15 no 5.24 My 162

Some processes of lighth condensation in wood hidr: ly MF. M. I. Chudakov and others. Shor, trud, NHGS 14: 14-252

Study of molecules obtained by enzymatic hydrolysis of starch I. A Sokolovakaia, M. M. Istomina, C. V. Gatkina Khieb, I kond, prom. II. no. 1, 26-29. In 26-4

Studying the hydrolyzability of cellulone after its swelling in concentrated sulfuric acid. I. P. Vyrodova, V.I. Shurkov. Shor. trad. NHGS 14:152-160 465.

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# HYDROMETALLURGY

Interaction of dicalcium ailleate with caustic and folia-tions. M. F. Malyahev, P. V. IAshanin, G. V. Ka, Oster 2-skala TSvet, met. 33 no 3-43-51 Mr. 460

# HYDROMETEOROLOGICAL INSTRUMENTS

Pffect of inertia of device on accuracy of delerming mean values of measured parameter. I M. Shendero, ich, Tendy NRGMP no. 15,59-65 [66]

Brears in measuring hydrometeorological elemento 14 f resented by random functions, survey [E.M. Sharler, vkh. Trudy NIGMP no. 15:40-58 [66].

Hydraulic and hydropnomnatic dampers for automath tide gauge with clautic sensitive elements. A. A. Gut-liaev, J. D. Gusev. Trudy NHGMP no. 15,407 120 121

Recording of long-period waves, A. L. Bondarenko, F. F. Skibko, A. G. Tereshko, Trudy NHGMP, no 15 17-105 are Remote automatic wave recarder. A. IA. Phashery, Trudy NIIGMP no (5:79-96 106,

Some means for diminishing energy used by elements of discrete action, survey. A.1, Zlatin, V. A. Titur, Trudy NIKIMP no. 16429-137 (66)

System of telemetering resistance. V. A. Ilirchik, A. 1... Ziatin, G. S. Gerehenzon. Trudy NHGMP no. 15-12-76.

Two-alphabet logical circuits of atternating current, V. A. Titov, Trudy NIGMP no. 15:138-149 (cf.,

# HYDROMETE OROLOGICAL STATIONS

Determining extreme significances of atmospheric terms per after by means of automatic hydrometeorological stations. P. N. Shadrina. Frudy GGO no. 197 189-194-60.

Methodology for determining characteristics of pressure tendency at automatic hydrometeorological station ( E. N. Shadrina Trudy GGO no. 198 181-198 '95.

# HYDROMETEOROLOGY

(see also subdivision under Europe, Northem)

Regionalization of world ocean for mechanized pro-cauling of hydrometeorological information, A. Shekhiman Trudy NHAK no 36:54-88 [66,

Relationship of hydromoteorological processes in northern and southern hemispheres, F. V. Soliankin, Trudy VNIRO 60:48-58 '66,

HYDROMICA see subdivision under Kazakhstan, Volyn' Province

HYDROPHIDAE see subdivision under Indian Ocean,

#### HYDROPONICS

Calculations for heaters and automatic maintenance of the temperature of solutions in hydroponic greenhouses. B. Pendinskit, V. Terpiporry, Tekh v selikhov, 26 no. 12 10-12 D 460.

Percus ceramic system for the relsing of plants under glass. II, I Primako, Blul, nauch stekh inform, po agron, fiz. no 3/9,87-91 50.

Studies in the field of hydroponics. G.S. Davtian. Agrobblingia no 1421-129 Ja 467.

# HYDROQUINONE—PHYSIOLOGICAL EFFECT

Effect of derivatives of hydroxydecahydroquinone series on some functions of animal organism, 1.1 Chebekova Trudy Inst fiziol AN Kazakh, SSR 10:203-206 '66

# HYDROQUINONE-SPECTRA

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#### HYDROTEERAPY

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I. I. Cranskii Vop km . fizieter, i lech fiz kul't. 31 no 6-189-402 [86].

# HYDROXIDES-THERMODYNAMICS

Some problems involved in the thermodynamics of gaseous leditate forms of oriden. R. R. Doln offn. Probl. sovr. Phim, koord, seed. no. 178-96 (6).

# HYDROXY L GROUP

Infrared spectroscope and vof inclope exchange with surface hydroxyl groups of chemically modified sinca [arth summary in Inglish]. V. I. Lygin, A. V. Kiselev, [-dl] Zhur. [-1] no. I. 190-304 My-Je-361.

New method of determining hydroxyl groups in epoxy compounds G.A. Levkovich, T. V. Kuvichinskaia Lakoki as mai i ikh prim no 6 51-56 166

#### HYDROXYLAMINE

Calalytic oxidation of cyclohexylhydroxylamine in presence of complex compounds of divident coppor. N. B. Shtova, K. I. Matveev, M. M. Danilova, Kin. 1 kat 7 no 5,985-908 N-D '96.

Corresion resistance of titanium and its alloys in solution of hydroxylamine nutfate. A. T. Vastko, V. V Tobo-fich. Ukr khim, zhur 12 no il.1253-1254 168.

hierared also pilon spectra of comple compounds of cobult, nickel, and platfaum with hydrocylamine, II IA Kharitonov, M.A. Sacukhanov, I.B. Baranovskii, Zhur, neorg, khim, 12 no., 1463-171 Ju 267,

# HYDROXYMETHYL GROUP

Photocolorimetric determination of the methylol group costs at of water-soluble embandle regima, E.A., Navinchekkin, V.S. Sporykhina, Lakokras, mat i ikh prim. no. 6-47-49-466

# HYGROMETLES

Amper ometric hyprometers, S. K. Krupenikin, Trudy GGO no. 199; 19-58-56

Mengurement of air humidity by optical-acoustical method, V. I. Mil hallenko, Trudy 660 no. 199:59-88 46.

# HYPERCHO LESTEREMIA

Piffect of tolbutomide on blood chalesterol content in pattents with tumor i. V M, Dillman and others. Vop. oak 13 no.1,30-32 (67.

# HYPERTENSION

Combined drug therapy in hypertension. A.Kh. Adyrkhaev Shorenauch, trud SOGMI no. 10:172-176 | 161

Comfort zones in generally healthy persons and patients with hypertension on the heaches of health resorts Vm no (Bulgaria) and Livudlya (southern coast of the Crimea). M. Mikhalkov. Vop.kur. fizioter i lech. fiz. kult. 31 no.6556-754 '66.

Effect of the climate of the Chukhuryurd Health Resort on hypertension, S.A.All-rade Shor, trud. Azerb, asuch -last inst km i fiz metod lech, no. 0.70-77 fe2

Treatment of hypertension with ganglionic blocking agents. I. A. Melenan. Trudy 1.PMI 37:130-138 [65].

# HYPERTHYROIDISM

Differential diagnosis of atypical forms of rheumatic corditts and thyrotoxicosis, E. IA, Reznitskaia, Sbor. nauch, trud. SOGMI no. 10:57-59 [6]

Reactions of the body to the effect of mid applications in experimental thyrotogoosis. Report No.1. V.S. Newstrucker and others. Vop.kar., firiater, i lech.fiz.kult. 31 no.6:532-536 [66.]

# HYPERTROPHY

Morphological analysis of compensatory hypertrophic kidney in some mammais, T. Ruziev, Izv. Old. biol, nauk AN Tadzh, ShR no. 3:006-100 186.

# HYPNOTISM-THERAPEUTIC USE

Slobodianik, A. P. [Psychotherapy, suggestion, hypnosis] Psikhoterapiia, vaushenie, gipnoz. izd. 2., ispr. i dop. Kiev, Zdorovia, 1966–402 p. (DNIM)

#### HYPOCHONDRIA

Climical and pathophysiological characteristics of the development of a hypochondrian personality V. F. Zborshchik [11uds] GIDUV no 4 219-226 462

Pentamin treatment of some hypochondriae states in achizophicnia MS Zeieva. Trudy Gos nauch -issi mst, psikh. 26 128-136 [6].

HYPODERMIC INJECTIONS see Injections, Hypodermic

HYPOLEUCEMIA see Leucopenia

#### HYPOPHYSECTOMY

Possibility of proliferation of the thyroid parenchyma after hypophysectomy V.V. Mamma Problender 1 gorm 8 no 6 23-27 N-D '62,

Reaction of the thyroid gland of hypophysectomized lats to stress IU.B Skehellskaia, E R Bagramian Problendok, i gorm 8 no 6 27-30 N-D 162

HYPOTENSION see subdivision under. Turkmenistan

### HYPOTHALAMUS

Changes in the sugar content in lymph and blood with the stimulation of the hypothalamus V P Glagolev, L I Tomilina, Fiziol zhui 52 no 11-1311-1314 N 166

Pathomorphology of some hypothalamic nuclei in rats following thermoregulatory shifts. V.D. Zharskaia, E.F. Oksova, Arkh. anat., gist. i embr. 51 no. 12; 46-51 D '66.

Tulmonay edema in white rate and rabbits following introduction of acounting into the hypothalanmus. IA, A, Lazaris and other 5. Biul. wksp. biol i med. 63 no.1, 22-26 Jul '67.

Relationship between hypothalamus-hypophysis system and sex cycle. N.Z. Maisun adze. Soob. AN Gruz. SSR 44 no. 3:791-796 D 466.

Role of posterior hypothalamus in regulation of notadienalin in different parts of brain. A IA, Mogilevskii, N N Leonova, Doki, AN SSSR 172 no 3,741-744 Ja 167.

### HYPOTHERMIA

Changes of the functional state of the adrenal glands under conditions of artificial hypothermia, Z. IA. Dolgova, V A. Glumova, F. V. Astrozhnikova 3rkh pat. 28 no 2:20-30 '66.

Effect of hypother mia on some indices of the metabolism in operations with artificial blood of culation. A.V. Pegeseva, IU E. Babskaia, T. A. Reriseva. Grud khir. 9 no 1:58-62 Ja-F '67

Surgical possibilities on the  $^{11}\mathrm{dr}\ y^{11}$  heart under conditions of moderate hypothermia. E N Meshakkin, V, I, FufunGrud, khir. 9 no.1:17-21 Ja-F  $^{1}\mathrm{G7}.$ 

# HYSTERESIS

Effect of heat treatment on magnetocrystallographic anisot lopy and losses on lotating hystorests in lithium pentafeirite single crystals. A.I Dickin and others Fiz tven.tela U no.11;3363-3365 N '66.

Hysteresis of oscillations accompanying nonlinear ferromagnetic resonance. A. A. Tulaikova, IA. A. Monosov. Fiz. tver tela 8 no.11;3377-3379 N '66.

Use of the plane Hall effect in studying rotary hysteresis in ferromagnetic films. Vu-dinh Ky, Doki, AN SSSR 167 no. 2-326-329 Mr 166.

# HYSTERESE LOOP

Origin of hystoresis loops on the I-1 curves in the experiments with half-immersed electrodes. IU.A. Chizmadzhev, IU.I.Kharkats, Dicktrokhimita 2 no.12:1464-1467 D '66.

no. istrace-rate D 'co, Trigger on switching diode and ferrite with rectangular hystic ests loop. M. F. Molokhin, I V. Melokhina. Trudy GCO no. 199,141-152 '66,

IABLOCHKINA, ALEKSANDRA ALEKSANDROVNA, 1866-IABlochkina, A.A. [75 years in the theater] 75 let v teatre, Moskyn, Vseros, teatr. ob-vo, 1986 445 p.

IAGUBOV, SERGE I NIKOLAEVICH, d.1966

S. N. Ingubov; an oblivary. Sud -med. ekspert. 9 no. 4-61 O-D '66

# IAKOV LEV, N.N.

Franklin Roosevelt; a retrospective protrait. B. Marush-kin. Nov. mir 12 no. 7.271-273 Jl 166.

# IAREMA, IAKYM IAKYMOVYCH, 1884-1964

IAkym IAkymovych IArema, 1684-1664. O.V. Khomits'kyi. Inoz. Kiol. no. 6:178 '88.

# IBRAGIMOV, IBRAGIM IBISHEVICH, 1912-

lbragim ibishevich ibragimov; on his 50th birthday, A.S. Dzhafarov, R.G. Memedov, Izv. AN Azerb. SSR. Ser. fiz. -mat. i tekt. nauk no. 5:129-133 182.

#### ICE

ice cutting machine, S N Korobeimkov Shor.izobr v ryb prom za 1961 g :59-60

Speeding up icing with aid of ice activators. V.K.Shchelokey. Shor NHosn no.56,73-77 '66

Steam ice cutter | G V.Tricthakov | Shor izobr v ryb | prom za 1961 g | 58

96, 9 1901 az 1110 kJ

#### ICE-MANUFACTURE

Ice machine of continuous action V. A. Bobbov Shot. 120br v ryb prom za 1961 g .56-57

Method of producing block acc. A.K. Komov. Shor.izobr. v ryb.prom.za 1981 g. 51

New ice machine of the LG-100 tyre G.S Konokotin Ryb. pi om 55-17-21 460

ICE—THERMAL PROPERTIES see subdivision under Antarctic regions

#### ICE-BREAKING VESSELS

Determining and evaluating the structural strength of ice-breaking ships by converting from a prototype.

D. E. Kheisia Sudostroenic 27 no.19-14 Ja 'Cl.

Ice breaker and cargo ships for the Arctic N.T. Mallakov Sudostroenie 27 no 1:1-9 Ja '61

#### ICE-CREAM FREEZERS

Testing the F2A-14 freezer for soft icc crea 4.

Olenev, N. N. Fil'chakova Khol, tekh 13 no 12 28-39
D'66.

#### ICE FISHING

Device for cutting trenches in ice A, F. Nikolaev. Shor. 120b1.v:13b p.om 2a 1961 g. 24-31

### ICE ON RIVERS, LAKES, ETC. (see also subdivision 'ice' under Mingechaur Reservoir, Varvara Reservoir)

Petermial layers of ice A V Artemov, D S Safronov. Priroda no 1:123-124 Ja 167

Possibilities of accumulation of winter runoif by ice layers on twers V.E. Sergutin Stor rab pogidrol no 6 127-131 '66

#### ICELAND SPAR-THERMAL PROPERTIES

Alterations in Iceland span crystals, A.V. Skropyshev Zap LGI 13 no 2 136-113 '62

KHNEUMON FLES see subdivision under Turkmenistan

# ICHTHYOLOGICAL RESEARCH

Characteristics of changeability in altitudinal frontal zone and reproduction of some commercial fishes, M.A. Bugdanov, Trudy VNIRO 60:11-17 '66

# ICHTH YOLOGY

Main objectives of hydrobiology and ichthyology in current five-year plan, G V Nikol'skii, Gidnobiol, zbur, 2 no. 6:8-10 466.

ICONS see subdivision under Buenos Aires

### IGNALINA REGION (LITHUANIA)—GUIDEBOOKS Trec iałauskas, K. [At the lakes of Ignalina] U Ignalinskikh ozer. Vilnius, Gos izd-vo polit i nauch lit-ry Litovskoi SSR, 1983 14 p

# IGNATOV, PAVEL PANTELEIMONOVICH, 1885-1966

Pavel Panteleimonovich Ignatov, obituary T Tellpis, Zhur Mosk Pati. no 12 43-45 466

IGNEOUS ROCKS see Rocks, Igneous

# ILI RIVER DELTA

Studying fit Delta using materials of spectrozonal aerial photography. A.M. Solodovnikova Sbor, rab po gidrol no 6 106-113 '66

# ILI VALLEY—AERIAL PHOTOGRAPHY IN GEOLOGY

Studying Ili Delta using materials of spectrozonal aerial photography. A M. Solodovnikova Sbor rab po gidrol. no 6 108-113 466.

# ILIVALLEY—RECLAMATION OF LAND

Ways for intensive reclamation of the right-bank area of the lower reaches of the III River. Sh M. Musin Vest scl'khoz nauki [Kazakh] 10 no.1 12-16 Ja 167

IL'IN, M., pseud. see Marshak, Il'ia Iakovlevich, 1895-

IL'INSKAIA, ANNA ALEKSANDROVNA, 1809-1982

Anna Aleksandrovna Il'inskaia; obituary Bum piom 37 no, 5:27 My '62

# ILLICH-SVITYCH, VLADISLAV MARKOVICH, 1934-

In memory of V. M. Illich-Svitych. V. A. Dyho. Sov.slav. no. 1:72-77 '67.

ILLICH-SVITYCH, VLADISLAV MARKOVICH, 1934-1966 (Continued)

Vladislav Markovich Illich-Svitych, 1934-1966; obituary V.A. Dybo, A.B. Dolgopoliskii Izv. AN SSSR Sci. lit i iaa. 25 no 6 563-564 N-D 166

# ILLUSTRATED BOOKS, CHILDREN'S

lifustration of children's hook O \, Kantin, Kongi, issl. i mat 4 196-208 161

# ILLUSTRATION OF BOOKS

Artists and books, K. Burov Kaish torg, 17 no. II-31-37 N *66,

Favorskii, V.A. [About artists, creative work, and books] Okhudozhnike, o tvorchestve, o knige. [Moskva] Molodala gvardila, 1968. 125 p. illus.

New creations of Mai Miturich E. Gankina, Iskussivo 29 no 12 30-35 166

# ILLUSTRATORS, GEORGIAN

Serger Kobuladee E. Perelhov V mireling 6 no. 6

# IL'MEN MOUNTAINS-MINERALS

Isolation time of mobium and zirconium minerals and tate carties in the granitic pegmatite of the Blyamoskoy mine A G Zhabin Itudy IMGRE no. 471-84 '50

# IL'MEN MOUNTAINS-PYROCHLORE

Chemical composition of pyrochlore in the Illmen Mountains B A Mikarochkin, K \ Gonibesova, Trudy Min muz, no 12 226-229 (6)

#### IL'MEN MOUNTAINS-RARE EARTHS

Isolation time of mobium and zirconium minerals and rate earths in the grantic pegmatite of the Blytimoskoy mine A, G Zhabin Trudy IMGRE no. 171-84 186.

Course of alteration of timenites in supergenic conditions. E A. Ratekhin Min shor 20 no 1 53-57 '66

Decomposition of ilminute concentrate by sulfuric acid, A M Bobrova, E. V. Balukova, V. B. Savel'eva Lakok-124, mat i ibh prim, no 8 ll-14 '66

ILVAITE see subdivision under Tyrnyauz region (Kabardino-Balkar A.S.S.R.)

### IMAGE INTENSIFIERS

Calculating the image illuminance. Part 1. General techniques. V. E. Medwedev, G. G. Paritskana, Opt spektr, 21 no. 5 638-642 N 165,

#### IMAN (MARITIME TERRITORY)-BUILDING-DETAILS

A new finishing material I, Gordienko Na stroi, Ros, 4 no 3 10-11 Mr  $^{+}63$ 

# IMINES

Synthesis and structure of some arsinimines. B.D. Chernokal'skii and others Izv. vys. ucheb. zav. khim. i khim. tekh 9 no. 5.768-774 '66,

Defining the category of imitation in social psychology, A, M Agaliteev Vest I,GU 21 no. 23 138-141 '66.

# IMMORAL LITERATURE see Literature, Immoral

# IMMUNITY

Immunity in chickens with Rous sarcoma. A I, Fedorov. Vop onk 13 no.1 65-70 '67.

Immunological disorders caused by radiation in the light of the new theories of immunity, V. L. Trottskir, Usp. sovr biol 52 no. 1:53-64 JI-Ag 161

Medicinal stimulation against the background of multiple immunization in radiation is sions. A. D. Extushenko, immunization in radiation is sions. Med. rad 11 no. 12,62-63 D '66.

Research on immunity in cutaneous leishmaniasis. Report. No.2; Local allergic reactions and the survival of Laishmania following administration of Leishmania tropica major to immuna persons. O. I. Kellina. Med. paraz.i paraz.bol. 35 no 6:679-685 N-D 56.

Study of early stages of experimental aller gic polyneuritis. Pathorou phological and immunological character istics. O. A. Kornsik. V. F. Mal'nikova. Biul eksp.biol. i med 63 no. 137-40 Ja '67.

# IMMUNOLOGICAL RESEARCH

MAMONOLOGICAL MESSARCH

Reactogenicity and immunological effectiveness of purified

Vi-antigen of Saimonella typhi following repeated

administration to children 3-7 yeras of age, Report

No. 2. N. A. Chernyaheva, Zhur, mikrobiol., epid 1

immun. 44 no.1:49-51 Ja '67.

Some characteristics of immunogenesis in monkeys, G. A.

Annenkov, S. M. Pekerman, Zhur, mikrobiol., epid,

1 mmuc. 44 no.1 42-46 Ja '67.

# **IMMUNOPATHOLOGY**

Anticrythrocyte autoantibodies in animals immunized with helerogenic sera. L.S. Lozovskaja. Blul.eksp.biol.i med. 63 no.163-67 Jp '67.

Autosensitizing effect of preventive vaccinations. N.N. Klemparskaia. Zhur, mikrobiol., epid, i immun. 44 no. 1;117-122 Ja '87,

#### IMPACT

Impingement of a cone against a thin clastic membrane S. S. Grigorian, D. M. Grigorian Prikil, mut i mekh 30 no 6 1035-1041 N-D 166

Problem involving the passage of a longitudinal vave through a pulley 1.D. Freimurov Izv AN Arrib SSR Ser.fiz.-tekh i mat.nauk no 4 37-12 '66

Fransverse impact by a blant body against a devible string with friction. A. A. Richis. Vest. Mosk un Ser. I: Mat., mekh 21 no.6:71-79 N-D '66.

#### IMPELLERS

Work hardening of the grootes of turbine loters. B.I. Meksandrov. Energomashmostrochie 6 no.0,32-31

#### IMPERIALISM.

An interpretation of the concept of "military-feudal impersalism" M Watanabe Vop ist 42 no 1 186-190 Ja 167

Lenin, V.I. [Imperialism as the highest stage of capi-talism, a popular sketch] Imperializm, kar vysshafa stadila kapitalizma, populiarnyi ocherk. Moskva, Politizdat [1967] 136 p.

# INCENTIVES IN AGRICULTURE

Basic means for stimulating production. F. M. Gillman, Izv. AN Mold, SSR no. 3.31-91 '65,

#### INCENTIVES IN INDUSTRY

Awarding bonuses for machinery industry works a for improving production quality. B V Kapitonov, V P. Drozdova Stand i kach 30 no 11 71-73 N 466

Correlation of material and moral incentives to work In the present-day phase of the building of communism, B A Shuvalov, A, E Krukhmalev, Vest, Mosk, un Ser 8 Filos 21 no 6 14-22 N-D 166

I tret results of operations based on new planning system and economic incentives. M I Shchadov. Ugol' 12 no.1 46-52 Ja '67.

no. 146-22 Ja '67,
Igeontives to Inbon productivity and an individual approach
to each, worker N.S. Novoselov, Uch. 2ap. Ser. gos.
ped.inst. no 35:131-151 '66
Kansik, J., and V. Palin. [On the planned guidance of
socialist economy and the system of economic levore]
O planovom rukowodsive socialistic hesked ekonomikol
i sisteme ekonomic heskiki rychagov Taytu, Tartuskit
gos. univ., 1964, 24 p. (Material dila obsuzhdentia)

Material and moral incentives to work under socialism. I. Oblomskala, V. Radaev Komm Vooruzh. Sil 47 no, 1 39-17 Ja 167

[Plan, business accounting, incentives] Plan, khozias-chet, stimuly. Moskva, Ekonomika, 1966 356 p

Quality of work and the structure of wages. E.A.I uto Phina Vestsi AN BSSR, Ser, hram nav. no. 1:37-49

Rogachev, S. V. [Plan and incentives] Plan i stimul.

Moskva, Znanio, 1967. 30 p. (Novoc v zhizni, nauke, lekhnike. V Seriia Sel'skoe khoziaistvo, 3)

# INCLINOMETER

New design dip needle. A.G. Kalinin, Ra: ved. i okh. nedr 25 no. 3.53-54 Mi 150.

Dynamics of the national income of the U.S. S. R. and its basic components. Alb. L. Vainshtein Ekon, i mat, metad. 3 no. 1 15-28 Ja-F 167.

# INCOME ACCOUNTING

[National accounts and the statistics of national wealth and national income, studies on balance-sheet statistics] Statistika narodnogo bogatsiva, carodnogo dokhoda i national'nye scheta; ocherki po balansovol statistike Moskva, Nauka, 1987—278 p.

# INCOMPATIBLES (PHARMACY)

Incompatibility of adrenaline and protargol in solutions, V.IA. Horodyns'ka, K. I. Rubchyns'ka, Farmatsev, zhur 18 no. 3 55-66 '63.

# INCUNABULA see subdivision under Saratov

# INDANDIONE

2-Azido-2-substituted i, 3-indandiones, E. J. Gudrinicce, N. R. Bruvele, A. V. Ievins Dokl, AN SSSR 171 no. 4 869-871 D 166,

# INDANONE

Reduction of 6-methoxyl-1-indanone by alkali metals in liquid ammonta. K. K. Pivnitskit, I. V. Torgov. Izv AN SSSR, Ser. khim no. 1 (22-126) Ja 167

Voltammetric characteristics of thin film systems of indene compounds, A.K. Gaills, D.A. Sllin', IA, F. Freimanis, Elektrokhimiis 2 no. 12:1420-1425 D '66.

# INDENOINDENE

Synthesis of disulfamide derivatives of 5. 5, 10, 10letramethyl-ib, 9b, 10-teit ahydroindene [2, 1-a] indene-G, G, Samsonita, N, K, Iremedze, R, M, Lagidze, Soob, AN Gruz, SSR 44 no 2/305-310 N 166.

#### INDIA--CULTURE

Akademiia nauk SSSR. Institut narodov Azti. [Culture et modern India] Kul'iura sovremennoi Indii. Moshwa, Nauka, 1906. 213 p.

#### INDIA-ELECTIONS

The reactionary bloc of India. 14, Gollober, 18, Shipkarta Nov. vien. 95 no. / 15-17 F 167

The situation in the ruling party of India =  $\Lambda_s$  Region Nov view = 25 no 5 1-7  $J_{st}$  = 167

# INDIA--- IRRIGATION

Brigation in India - I. D. Pavlenko, V. V. Pustanskill. Gidi i met - 19. no 1461-119. Ja 167.

#### INDIA-POLITICS AND GOVERNMENT

The governmental system and political parties of in its N. Andreev Mizhdunar, shizut 14 no. 2451-151 4.7.

The Indian elections N Pastukhov Nov. viein, 25 no 10 19-20 Mi 167, The reactionary bloc of India. III Gotlober, III Shiykara. Nov.viem 25 no. 745-47 F 467

The situation in the ruling party of India A Regions Nov view 25 no 55-7 Ja 167.

Struggle for the future in India, N. Marov, Ar 144. ee-10 no 1 54-55 Ja 167

# INDIA---POSTAGE STAMPS

In the name of life, M. Shtempell, Az. 1 Afr. sac 10 no 164 Ja 167.

#### INDIA-SNAKES

Submitting to cold-blooded monsters, V. Turkin Ar. 4 Afr. 5cg. 10 no. 1 48-49 Ja 167.

### INDIAN OCEAN-FISHES

Dependence of distribution of fishes on allocation of producing regions of plantton in indim Occup. V of Bogor ov. T 5. Rass Okeanologija 6 no 6:10:5-1058 105.

# INDIAN OCEAN-HYDROPHIDAE

Distribution of sea snakes in South ChinaSea and carters, Indian Ocean. V. P. Shuntov. Zool. slam. 15 no. 12; 1802-1806 '66.

# INDIAN OCEAN—PLANKTON

Dependence of distribution of fishers on allocation of producing regions of plankton in Indian Oct in V Roger ov, 7 S. Rass. Okeanologita 6 no 6 1055 1058 166

INDIAN VISITORS see Visitors, Indian

INDICATOR PLANTS see Plant Indicators

# INDICTMENTS

Khar'kovskii inridicheskii institut. Kafedra ugebere pava i professa. Indictment in Soviet criminal procedure, abstracts of a lecture course! Predunte sudu v sovetskom ugeberen professase, konspekt lektsii. Khar'kov, 1965. 34 p. (CSI-m) (CSI-H)

Piffect of impurity on topology of Permi curface of frame, V.I. Mikarov, I. IA. Volynskii, Pis', vied. 71. n. eksper, i teoret. fiz. 4 no. 9:369-377 N 165.

Geochemical association of indium with silver in finesilver-lead deposits, S.T. Badalov. Gookidmin 1 : 10 907-010 161

Separation of small amounts of In and Ga by passifice reparation of sinatt amounts of 14 and the by printings cfnomatography in a column with fluoropioni 4. T. A. Hol'shova, I. P. Alimarin, A. S. Litvinchwa, Vert Mosk, un. Sci. 2. Khim. 21 no 0:59-63 N-12 *C6.

# INDIUM ANTIMONIDE CRYSTALS

Nernst effect in n-in-55 in quantized magnetic field, M., Bresler and others, Plylyred, Zhur, eksper, iteoret, fiz. 4 no.0:348-352 N '66.

# INDIUM COMPOUNDS

Anion exchange of chloride complexes of gallium and indium in presence of hydrochloride acid and organisolvents. A. N. Gorokhova, E. P. T. Sintsevich, I. P. Alimarin, Vest, Mosk, un. Sor. 2; Khim, 21 no. 6 *d - 71 N-D *66.

INDIUM ELECTRODES see Electrodes, ladium

# INDIUM OXIDES

Electron scattering mechanism in IngO3 films. V. I. Fistul'. V. M. Vainshtein. Fiz. tver. tela 8 nc. 11:3447-3448 N '66.

# INDIUM PHOSPHIDES—PHOTOE LECTRIC PROPERTIES

Photoelectric transformer of solar energy from Int' V, V, Galavanov, R. M. Kundukhov, D. N. Nasledov, 141, tvor, tela 8 no.11/3402-3403 N '66.

# indium phosphides—spectra

Spontaneous radiative recombination in lnP p-n-j rell at in case of weak currents. P. C. Eliseev and others. Fiz.tver.tels 8 no.li3383-3386 N '66.

#### INDIUM SULFIDE CRYSTAIS-PHOTOELECTRIC PROPERTIFS

I ow temperature photochemical tractions in In₄S₅ Single crystals N. I. Konsunskain, N. N. Lebedeva, M. K. Sheinkman, Fiz tver tela 8 no 11:3186-3200

# INDOLACETIC ACID

Fifect of heteronaxin on organic acid content in sunflower. A. A. Zemlianukhin, V. I. Zviagintsev. Dokt AN SSSR 167 no 2:468-170 Mt | 166.

#### MIDDLE

Fifect of eleutherococcus on the leukemogenic action of indale A. N. Stukov. Vop. onk 13 no 1 04-95 167.

Pstraction of indole from heavy pyridine bases B. E. Fogan O. M. Pitusheh Koks i Phim no 7:46-17 %2

#### INDOLE -- SPECTRA

Tow-temperature luminescence spectra of indote, G.S. Kembrovskil, V.P. Bebrovleh, S.V. Kenev, Zhur, prikl. spekt, 5 no. 5.695-608 N 166.

#### INDONESIA-ECONOMIC CONDITIONS

The hour of influiations, V. Ivanov, Mezhdunar, zhizni 14 no. 2:136-137 187.

The situation in Indonesia, S. Savchenko, B Smirnov, Nov. viem. 25 no. 6,8-10 F 167.

# INIXINESIA—ORTHOPTERA

On thoptern of Komedo and adjacent islands of Indonesia (i. 14, 161-Henko, Zool. /hm. 45 no.124779-1795 '66.

# INDONESIA-POLITICS AND GOVERNMENT

The situation in Indonesia, S. Savchenko, B. Smitnov, Nov viera, 25 no 6:8-10 F 167.

The "Sukarno problem" in Indonesia, 4, Antonov. Nov vieni, 25 no 10 13-14 Mr '67

#### INDONESIAN STUDIES

Problems of Indonesia's history discussed in present-day bourgeois historiography, V A. Tiurin, Vop. ist, 42 no. 1.159-165 Ja 167,

#### INDOPHENOL.

Influence of substituents in the reaction of indophenoxyl indle al with substituted anilinos. V. D. Pokhodenko. V. A. Bid-illa. Teoret i скърст khim 2 по. 5:691-693

INDUCTION DIALCTRIC MOTORS see Electric motors, Induction

# INDUCTION HEATING

High-trequency equipment in mining, F. 1 Arsh Gor, elektrometh favtom, no. 1 39-51 165

Her of high-frequency heating in the molding of articles 10e of right-frequency heating in the molding of article from polyatyrone foam, T. A. Shelina, Phart, massy no. 1 75-46 467.
17aing injunction heating for metalworking by pressure, G. P. Kagan, Fekh i org, proby, no. 6-46 N-D '06.

# INDUSTRIAL ACCIDENTS

Indistrial traumation and organization of traumatological arrate in lumber industry. L.I Ponomarev Sov. med. 29 no. 11:128-131 N '66

New developments in investigating and registering accidents N. Vimoga adov. V Krivorotov. Neftianik II no. 9,23 5 '66.

# INDUSTRIAL ARTS

Ties between the Moscow Higher School of Industrial Arts in Industry, A.E. Korotkevich, Trudy MVKHPU no.2; 25-41 '62.

# INDUSTRIAL ARTS—STUDY AND TEACHING

Lucin the experiences of the Enculty of Industrial Arts. A.V. Plerry. Trudy MVKHPU no.2:42-40 62.

# INDUSTRIAL BUILDINGS

Choosing the structural layout of the roof of wide-span buildings made of precast reinforced concrete, N.F. Demboyskii, Prom. strot 39 no. 12 38-41 161.

Concerning the article by E.G. Ratte and SH. IU TSeitlin, Prom. stroi 39 no. 12-35-37 '01

Estimated outdoor temperatures, E.S. Rubinshtein, M.M. Shatakil, Prom. strol. 30 no. 12:55-50 '61

INDUSTRIAL BUILDINGS-BIBLIOGRAPHY see Bib-Liegraphy—Industrial buildings

IMDUSTRIAL BUILDINGS—DESIGN AND CONSTRUCTION (see also subdivision under Doneisk; Moscow; Ynrosiavi)

Yntosiavi)

Egnus, M. IA., and Sh. L. Machabeli, eds. [Erecting single-story industrial buildings of standardized dimensional designs, a practical manual] Vozvedente odnociazhnykh promyshlennykh zdanii unifitsirovannykh gabaritnykh skhom; prakticheskoe posobie. Moskva, Stroizdat, 1966. 195 p.

Folov, R. I. [Planning the erection of plant buildings]
Procklirovanic vozvedenila korpusov-zavodov. Khar'kov,
1zd-vo Khar'kovskogo gos. univ., 1986. 129 p.

Industrial complex for enterprise building precision machinery. I Godhart-Kharmandarian. Arbut SSR no. 1 31-32 %7

Standardized architectural appearance of industrial en-terprises B Orlovskii Na stroi Ros 4 no 349-20 Mi 463

INDUSTRIAL CAPACITY see subdivision under Armenia; White Russia

INDUSTRIAL DESIGN see Design, Industrial

INDUSTRIAL DIAMONDS see Diamonds, Industrial

INDUSTRIAL EFFICIENCY see Efficiency, Industrial

#### INDUSTRIAL ELECTRIC TRUCKS

Operating battery loaders and electric trucks. IU.V. Bulankin Biul telh -eton inform, Gos, nauch, -tssl, upst nauch, itckh inform 19 no 12 56-57 D 166.

INDUSTRIAL ELECTROCHEMISTRY see Electrochemistry, Industrial

#### INDUSTRIAL EQUIPMENT

Aspects of competitiveness 1 Golfdina, Vnesh torg. 16 no 11 28-30 466

Put the unused material resources in business circulation. Mat -tekh, snabzh 1 no 41-6 O '66

# INDUSTRIAL EQUIPMENT---COSTS

Evaluating the cost of new equipment by parts and units S. P. Sudarkina, Fekh, 1 or g. proize no 6 1-7 N-D 166

# INDUSTRIAL EQUIPMENT-MAINTENANCE AND RE-

Profit is in the first place, V. Utianskii, P. Simakov, A. Matweev, Nar. khoz Kazakh 21 no 11:18-22 N 166.

Some trends in the specialization of repairing, IU, A, Burnashey, Vest mishinosti 47 no 181-83 Ja '67

Standard is a base for proper operation and repair of equipment V G Chernov Stand reach 30 no 11 equipment V 18-21 N 186,

# INDUSTRIAL EQUIPMENT-STANDARDS

Every technological operation should have standard equipment. A G Zernik glindov, Stand i kach 30 no 9 ll-13 S '66

Unification of organizational technical equipment. V. V. Kuz'min stand, i kach 30 no 9 61-61 S '60.

# INDUSTRIAL EQUIPMENT-TECHNOLOGICAL INNOVA-

(see also subdivision under White Russia)

At the exhibit stands I'. B Shnaph. Stand. 1 kach, 30 no. 9 14-19 S '56

Exhibit of advanced equipment G. M. Matveev. Stand, a kach, 30 no. 9 12-34 S 166.

# INDUSTRIAL HYGIENE

IAnin, L.V., ed. [Collection of the most important materials on problems of industrial hygiene and sanitation] Shorulk vazhneishikh ofitelal nykh materialov po voprosam gigleny truda i promyshlemol sanitaril. Moskva,

sam gigleny truca i promy since as a second modification, Mod. Klimova, T.Kh., D.N. Loranskii, and Z.V. IAnkovskala, comp. 1966, 3ll p. Jimes, H. [Occupational hygiene of women workers] Maisteoluse kutschugieen. Tallinn, Vabariiklik Santaarhai iduse Maja, 1965. 29 p. [In Estonian]

# INDUSTRIAL LAWS AND LEGISLATION

The director and the enterprise's rights for establishing wages. I Arkhipkin Sots.trud 12 no.1:53-55 Ja '67.

An international conference on the role of law in the administration of the national economy E. V. Anisimov, O. N Sadikov, Sov. gos. i pravo no. 1141-142 Ha 187

# INDUSTRIAL MANAGEMENT

(see also subdivision under Alavord, Armenia; Armenia, Germany, East; Irkutsk; Kusianay, Inivia; Minsk Plovince; Moscow; Orel; Riga; Rybinsk, Siberia, Eastern, Sverdlovsk; Uzbekisian; White Russia; Yugoslavia)

Akademiia nauk SSSR. Institut gosudarstva i prava.

[Legal problems in the theory of administration] Pravovye pu oblemy nauki upravleniia. Moskva, IUrid,lit-ra, 1866. 223 p.

The art of business correspondence and scientific labor organization. A.Fel'zer, Sots.trud. 12 no.1:85-90 Ja 167.

An article by a worker is being discussed. Part, zh(z) no. J 61  $\Gamma$  167.

Automation of accounting for the movement of auxiliary materials in the Titlis Champagne Factory. G I Kasiadze, Trudy Vych, isentra AN Gruz. SSR 7,2 92-103 186.

103 166.
Calculating norms for aconomic incentives. N. khrulev. Pion, khoz., no. 2,54-60 F '67.
Chorkasov, G.N. [Scientific labor organization; objectives, contents and methods] Nauchnaia organizatsila truda; isell, soderzinnie, metody. [Moskva] Profizdat, 1967. H7 p.

Conference on the scientific organization of labor. Prom. Arm. 8 no.11:77 '88.

Cuttent problems of the economic reform N Gareto - -1:1 Fin SSSR 11 no 1:31-39 Ja 167

Drobizhev, V.Z. [Main headquarters of socialist industry, essays on the history of the All-Russian Council of National Economy, 1917-1932] Glavny ishtab socialistic heskol promyshlennosti, ocherki istoril VSNKh. 1917-1932 gg Moskva, Mysi', 1966 283 p

Fernomic efficiency of the replacement of east billies by relded billets. I. V. Volkov. Tekh 1 or 3, profession 6-14-17, N-D 166

Pennomic reform and current problems of the course on the "Decommic analysis of the operations or industrial cater prises." I Proskurm. Buying uchet no 12,48-51 D "66

Feonomic reform and planning for commodity production R Lokshin Sovitorg 40 no 1218-13 D 166

Economic reform in injustrial branches and material incentives 5 Shburko Sotsitrud 12 no 2,18-30

For workers of enterprises on practice in changing o.e. to the new system of planning and economic stimulation Sots.tand 12 no 1.64-67 Ja '67

For workers of enterprises on mactice in changing over to the new system of planning and economic stimulation Sots trud 12 no.249-55 F '67

Give daily attention to scientific labor organization K Nil-olaev Sots trud 12 no 19-19 Ja '67

Cordichuk, A.N. [The work of party of ganizations in the further development of the creative initiative and activity of the working class in industrial management.] Delatelinosi partingkh of ganizatsli po dal'heishemu razvitiu tvorcheskol initiativy i aktivnosti rabochego klassa v upravlenii proizvodstvom. Petropaylovsk-Kamchatskii Dal'hei ostochnoe knizhnoe izd-vo, 1966 62 p. (V pomoshch' propagandistu) (CSI-IN) (CSt-H)

How to evaluate the level of labor organization R. Petu-khov Sots.trud 12 no 1 117-123 Ja 167

Improving the efficiency of social production is the main thing. K. Plotnikov. Vop ekon no 1:152-153 Ja 167

Improving the labor process in the employee's vorking area. A Pavlenko. V Levitan. Sots.trud. 12 no 1.68-73 Ja '67

[Labor and wages at an enterprise, a reference manual] Trud i zarabotnala plata na predprilatii, spravochnoe posoble, Moskva, Ekonomika, 1967, 397 p.

Methodological instructions on transferring enterprises, combines, and branches of industry to the new system of planning and economic stimulation Fin. SSSR 41 no 1:71-96 Ja 67

Mitel'man, B.E. [The chief economist of a plant] Glavnyi ekonomist zavoda. Moskva, Ekonomika, 1966, 54 p. (Bibliotechka khozlalstvennogo rukovodutelia)

New conditions and new demands. I. Or lov Sov profsoluzy 23 no 1,6-8 Ja '67

Per sonnel work under the new conditions. IA. Soldaten-kov. Fin, SSSR 40 no. 12-62-66 D '66.

[Plan, business accounting, incentives] Plan, khozias-chet, stimuly Moskva, Ekonomika, 1966. 356 p.

Plan should be uniform. Sots had 12 no 2,56-62 F 67

Political lecturers of industrial plants. H Strunina Agitator 34 no 3:31-33 F | 67

Price and its role in the system of the economic methods of management. Sh. Turetskii, Fin. SSSR 40 no. 12-28-40 D '06.

The reform in action, I. Babaryka, I. Gusev. Part. zhizn' no, 2:24-28 Ja '87

Rogachev, S.V. [Plan and incentives] Plan i stimul, Moskva, Znanie, 1907. 30 p. (Novoe v zhizni, nauke, tekhnike. V Seriia Sel'skoe khoziaistvo, 3)

Solf financing and quality. N.E. Lysov. Prom. Bcl. 10 no. 2:13-14 F ¹⁶⁷.

Sikurba, V. V., and others. [Problems of day-to-day production planning and methods for solving them] Zadachi kalendarnogo planirovanifa i metody ikh reshentia Klov, Naukova dumka, 1986—155 p.

Simplify and reduce costs of the administrative apparatus, survey of articles and correspondence received by the editor. Fin. SSSR 41 no.1:57-59 Ja '57.

INDUSTRIAL MANAGEMENT-CONGRESSES see subdivision under Lugansk Province; Sverdinvsk; Ural Mountain region

INDUSTRIAL MANAGEMENT—HANDBOOKS, MANUALS,

ETU.
[The manager's calendar, 1967. The 50th anniversary of the Great October Socialist Revolution] Kalendar' kho-ziaustvennika, 1967. Piatidesiatyi god Velikol Oktiabr'-skoi gotsialisticheskoi revoliutsit. [Moskva] Ekonomika [1966] l v.

industrial Management—Mechanization
Moskovskii institut narodnogo khoziaistva. Tsentralinaia
nauchno-issledovateliskala laboratorila ekonomiki i
organizati produvodstva. Problems of the economics
and organization of industrial production | Voprosy ekonomiki i organizatsi promyshlennogo proizvodstva. Pod
red. S.E. Kamenitsera. Moskva, Ekonomika, 1987.
222 p.

#### RIDUSTRIAL MANAGEMENT-STUDY AND TEACHING

Studying the "Principle" of industrial operations" in according schools. N. P. Bulato: Shkola i priory 10 no. 10 10-11. O. 155.

INDUSTRIAL ORGANIZATION see subdivision under Ternopol' Province

#### INDUSTRIAL PLANTS

"Instructions for laying out the general plans of industrial enterprises" V.D. Nesov Prom. strot. 39, no 12-59-

### RIDUSTRIAL PLANTS-DESIGN AND CONSTRUCTION

Eliminate deficiencies in supplying complete, sets of equipment to projects in their final stages of construction S Solodov Mat -tekh snabzh 1 no, 1 87-82 O '66.

Quality is the most important index. A Shisha. Element of 0 no 1:46-48 Ja '57

#### INDUSTRIAL PROCURFMENT

(see also subdivision under Kazakhstan, Lithmania, Moscow)

Plinumate deficiencies in supplying complete sets of construction 5,50kelov, Mat, -tekh snab/h 1 no 4 57-62 O 166.

* pand the varehouse supply of metal, I. Potapov, Mat, -tckh, snabzh, I no. 4 75-76 O 166.

In the Ministry of the Radio Industry, G. Vasil obuk Mat -lokh, snabzh, 1 no 4 92 O bb

Maintain discipline in deliveries, N. Lukanenko Mat-tickh snab h. i. no, 4.77. O 165 Organization of the supply and sale of materials and requipment N. Maro, N. Burshtein Mai, -tekh snabzh i. no 1,80-86 O 166

I no 1,30-30 U to Organization of the supply of chemical and tubber goods in Poland I Korobkov, M Braginskii Mat, tekh snabzh, I no, 167-21 O 66
Participation in pavinents for direct delivertes. A Niktforov, M I Ampolyskii, E Gelzhoi Mat, tekh snabyh, I no, 196-57 O 66

Put the supply of materials and equipment on a sound scientific basis. I Deenko Mid stekh snabsh. I no 17-19 O 166

no 1749 0 400

But the unused material resources in business circulation Mat, -tekh, snabzh 1 no, 11-6 O '66,

Sale of goods at the fairs E Sukhaieva, Mat, -tekh snabzh 1 no 153-56 O '66

The service industry and the supply of materials and equipment, F Usachev, Mat, -tekh, snab;h 1 no, 1 32-14 O '66 equipment, F 32-14 O '66.

What hunders procurement service and the making of complete sets of supplies needed by construction I Dov-gusha Ekon stroi 9 no.1,53-51 Ja 67

#### INDUSTRIAL RE LATIONS

Big power, P Pytaleva Part *hizn' no 3:11-12 F '67

INDUSTRIAL RESEARCH see Research, Industrial

# INDUSTRIAL SAFETY

(see also sundivision under Ukraine)

Problems which must be solved Bezop truda v prom 11 no 1·1-4 Ja ¹67

Rilslaid, V.D. [Protection of labor, general principles]
Christia tiuda, obsichle osnovy. Tartu, Tartuskil gos.
univ., 1965. 67 p. univ., 1965. (CSt-II)

# INDUSTRIAL SAFETY-LAW AND LEGISLATION

Lapal, A. P., and A. K. Oboron'ko. [Statute on the industrial safety commission of the Iactory and plant local trade-union committee; practical commentary] Polozhenie o komissii okhrany truda FZMK, prakticheskii kommentarii. [Moskva] Profizdat, 1967. 143 p.

# INDUSTRIAL SOCIOLOGY

The change of employment and its role in the all-round development of the employees of industrial entermises M. V. Ishimov. Uch. zap. Sver. gos. ped. inst. no. 35:18-

# INDUSTRIAL STATISTICS

Ezhov, A.I. [Industrial statistics] Statistika pro-myshlennosti. Izd.4 ,perer.i dop Moskva, Statistika, 1966. 406 p.

# INDUSTRIAL TE LEVISION

Calculating the sensitivity of an introscope with a super-orthicon-type transmitting television tube. V. I. Gorbu-nov, A. P. Shpagin. Defektoskopina 2 no 8:59-64 166.

Equipment for visually examining and photographing series of a rock massif, V V. Zhukov Ugolt 37 no. 12:17-18 D '62,

# INDUSTRIAL TOXICOLOGY

Industrial toxicology is the basis of labor hygiene and safety in chemical plants. B. B. Shugaev Bezop.truda v prom. 11 no.1:48-51 Ja 167.

# INDUSTRIAL WASTES

Complex method of treating pyritic residues. I. Zaberezhoyi, I. M. Rafalovich, E. G. Fominykh, TSvet. met. 33 no 3*29-37 Mr. 160.

Using waste products or the production of articles from phenoplasts and annunplasts B M Nothm and other 9 Buil, tekh -chon inform Gos nauch, -issi inst nauch 1 tekh inform 19 no. 12 10-11 D 166,

# BIDUSTRIES, LOCATION OF

(see also subdivision under Estonia, France)

Determining economic efficiency of specialization of plants producing structural elements B, I, Beliaev Prom stroi, 44 no. 12 5-6 166

Optimal distribution systems B I Kolenblum, V I Rybal'skii Fion i mat metod 3 no. 188-94 Ja-1 '67 Pohelintsev, O.S. [Conomic basis of the distribution of Industry, methods used in capitalist countries] Ekonomicheskee obosnovanie razmeshchenila protzvodstva, metody, primentaemy v kapitalisticheskikh stranakh. Moskva, Nauka, 1966. 262 p.

# INDUSTRY—ABSTRACTS

[Deconomics of industry] Ref. sbor. 'Ekon, prom. no. 2 F

# INEQUALITIES (MATHEMATICS)

Algebraic theory of linear inequalities, 5 N. Chernikov, Ukr mat zhur 19 no 1 36-90 %7

Some mequalities for algebraic polynomials and rational functions D I Mamedkhanov I/v AN Azerb, SSR, Ser fix -mat i ickh, nauk no 5 9-15 162

Some inequalities for integral functions of finite degree within the horm of a generalized Lebesgue class I.I Ibragimov, A S Dzhafarov I'v M Azerb SSR Ser. fiz.-inat rickh nauk no 517-28 '62

INFANCY OF ANEMALS see Animais, Infancy of

#### INFANTS (NEWBORN)-DISCASES

Clutical and morphological characteristics of leukemia in newborn mants, IU, G, IUdm Probl. gemnt r percl. From 12 no. 141-13 Ja '67,

Experimental intection of laboratory animals by entero-pathogenic 1 scherickin coli 0124 K72 (B17). Report No 1 Study of the infectious process in white mice following intrinas il infection 10 D. Polotskii, V. A. Arba vay, Zhan mikrobiol, epid, i immun 14 no, 1 61-65 Ja 167.

Reactivity of the body. V. A. Val'dman. Trudy LPMI 37:3-19 '65.

Rheumatoide, V. A. Val'dman Trudy LPMI 37:27-38

INFECTIOUS HEPATITES see Hepatitis, Infectious

### INFLAMMABLE TEXTILES-MEASUREMENT

Advantages of the new system of measuring fabrics, G. Trakhtenberg, Sov. torg, 40 no 2:31-34 F 167,

# INFLAMMABILITY

Inflammability of some explosive mixtures based on ammonium nitrate and perchlorate, K, K, Androev, Pham-dong-Dien V. tyv delo no. 60/17:107-118 '66.

Vasculitis and inflammation. V. A. Val'dman. Trudy LPMI 37:20-26 '65.

# INF LORESCENCE

Some data on the development of male spot anglum in wheat in the absence of boton. T. B. B dygina. E. A. Ti oitskaia, G. K. Alimoya, Bot, zhur, 51 no. 12:1751-

INFLUENCE OF ALTITUDE see Altitude, Influence of

INFLUENZA (see also subdivision under Ossutia, North) Clinical aspects and urgent treatment of influenzal croup, S. IA, Flekser, K. V. Bliumentali, G. A. Cherniavskii, Sov. med. 40 no. 1 64-68 Ja '67.

# INFLUENZA-COMPLICATIONS AND SEQUELAE

Acute influenzal psychoses in children during the outbreak of influenza according to data of 1957. F. K. Zefirova, M. G. Ullianova, Trudy Gos. nauch. -isst, inst. psikh. 26:237-242 | 61.

Pneumonias in the period of influenza epidemics, January-February 1985. E.N. Artem'ev, T.M. Romanova Sov. med 29 no.11 42-17 N 186.

Psychoses connected with A₂ influenza in 1957, V. F. Kuzmenok, D. F. Lavrov Trudy Gos. nauch. -issi. inst. Kuzmenok, D. F. Lavrov psikh. 26:233-236 61.

# INFORMATION SERVICES—CLASSIFICATION

Unified complex of classification and coding systems of technical economic information A. A. Daldabanov, Stand, i kach. 30 no. 11 38-10 N '86.

# INFORMATION THEORY

Application of some information theory methods in the technology of automatic digital computers. E. I. Mamonov. Vych, tekh. [MVTU] no. 5:118-130 166.

Method for training the order of code rings, A. N. Had-chinko. Shor rab po vop elektromekh. 10. 3.211. 226. 560.

Method for sequential reception in the large for or her admitting majority decoding. B D Engan, 1 M 1 m/s. Plektrosynazi 21 no 141-22 Ja 161.

The nature of information, V.M Aleksenta v. Prot. Itk, un. 18 no 165-80 65

The principle of feasibility in studying a foreign to go of M. N. Sheper Vech sied, shold to no, 3 th no Mark.

Sedov, E.A. [A report from no-man's land, talk ground information] Reportants and helpinol zendl, rassistate ob informatsil. Ltd. 2. [Moskva] Molodain gyridlin, 1966. 303 p. (Evrika)

Sranka, R. [Probability and information] Variabilities informacija, Riga, Zhadne, 1966. 15 p. [In I dylin]

# INFORMATION THEORY IN MANAGEMENT

Economic systems and economic information, 40, f. Channek, Lkon i mat metod, 3 no.1 if 60 to 1 = 1

# INFRARED HEATING

Infrared drying of mineral wool products. A.1.1.150  $\epsilon$  , i.e. and others. Inch.-fiz zhur. 12 no 1993-101 fi * 7-Modern methods for calculating infrared electric hosts M.A. Basov. Vod 1 san tekh, no 11 37-48 (Sept.)

Radiation of flameless gas burners. O. N. British p. 70. V. Belludi tzov. Gaz, prom. Il. no. 19-19-46. Ga.
Warming engines by infrared rays. A. Fafubrig. Barris. Ros. 5 no 3.29. Mi. 461

#### INFRARED BAYS

Effect of infrared light on the photoluminescence of SIC-N L.A. Vinckur ov. M. V I ok. Opt. Uni ku 21 no. 5,500-591 N 46.

#### INFRARED SPECTROMETRY

Use of infrared spectroscopy in studying active et der : of aluminosilicate catalyst and aluminum remote Part I. I. A. Ignaticva, R. Kh. Khalikova, Zhur, p. 11 spekt. 5 no 5642-647 N '66.

INFRARED SPECTRUM see Spectrum, Infrared

#### INCOT MOLDS

Pouring rimmed steel into bottle-shaped ingot really S, L, Levin and others. Staff 21 no 11 till 1000 to 15 Studying thermal stresses in ingot mold wall a addition of models. A, V. Kuksa. Izv. vys, ucheb. zav. 1974 1 met. 10. no. 150-54 167

#### INGUINAL HERNIA

Operative techniques in inguinal herata presentin, its recurrence. A. A. Shalimov Rhivin gita 32 m + 13 m, 90 D (66).

Operative treatment of recurrent linguing heralisters, preserved better ogenous peritoneum. A.1 Shifter A. A. Colomenskala, N. F. Eliseev, Khiruspite 42 no. 12-90-94. D. 166.

INGURI HYDROELECTRIC POWER STATION -- DAM; Studying deformation properties of foundation bedefor a ched dam of inguil flydroelectric Power Michael 1 1 Per-Mikacitan, Osa, fund, i mekh prim, Bon 5 1 2 166

# INHERITANCE AND SUCCESSION

Controversial problems in the practice of noticest agencies, N. I. Bondarev, Sov. gov. 1 practice 1 222 ngencies. N 121 Jul 67.

Protection of the inheritance rights of Soviet cities *
Z Krylova, E. Eidinova Sov. inst. 10 no 210 - 1

# INHIBITION

Protective inhibition. A. I. Schastnyi. [Foods 641015] : 1

Rate of the formation of conditioned inhibition in a congenesis, L.N.Kozlova, Zhur vys.nejv.detat 14 no 6 1073-1070 N-D 462

# INHIBITION (CHEMISTRY)

Role of hydrogen atom of an amino group in the mark we nism of inhibiting action of amines. If, V. Vantileta. G. F. Bebikh. Ve 50-53 N-D 66. Vest. Mosk. un. Ser. 2: Khim. 21 co. f

Studying certain acetylene compounds as acid control inhibitors. N. I. Podobaev, A. G. Voskresenul II. I. I. Semikolonov Zasheh met. 3 no. 1/112-113 July 18:

# INJECTIONS, HYPODERMIC

Intralingual administration of drugs. A.G. Panker Fra med, 20 no, 10; 56-60 O 166.

# INJECTIONS, INTRA-ARTERIAL

Methodology of prolonged intra-actorial chemothers, s in malignant neoplearms of the breast, 5, A. G. s rian, B. G. Goldman, Khirurgila 42 no. 1419-162 rian, E D'66.

Treatment of peptic ulcer with intra-arterial intra-arterial of novocaine, N.G. Dzakhova. Sbor, nauch trat (\$ 1741) no. 10:148-150 (6)

#### DIJECTIONS, INTRAVENOUS

Pharmacology of tetracycline preparations in intravenous administration Oletchim Antibiotiki 12 no 1 33-39 Ja 167.

Results of clinical use of eleandomycin (for intravenous administration) E A Govorovich and others Anti-lactiki 12 no 173-76 in 167

INJURIOUS AND BENEFICIAL BIRDS see Birds. Inlucious and beneficial

INJURIOUS AND BENEFICIAL INSECTS see Insects, Injurious and beneficial

# INLAND WATER THANSPORTATION

(see also subdivision under Ukraine; White Russia)

1 or farther improvement of the technical operation of the river fleet 4. Videtshii Rech. transp. 20 no. 7:5-7 31 61.

In the Hound of the Ministry of the River Fleet Rech transp 20 no 7,52 Jl 161

# MLAND WATER TRANSPORTATION—CONGRESSES

At the plenum of the Central Committee of the Trade Union Rech transp. 20 no. 7:51-52 Jl '61

# INTAND WATER TRANSPORTATION—MANAGEMENT hkhln, A.P., ed. [Organization of the work of the fleet and the ports] Organizatsiia raboty flota i portov. [By] A.P. hkhlin i di Moskva, Transport, 1966 537 p.

Ways for reducing the demurrage of ships S.Znamen-skii Rech transp. 20 no.7:10-11 J1 161.

#### INLAND WATER TRANSPORTATION-TECHNOLOGICAL INNOVATIONS

Speed up technical progress in transportation. A Subbotin. Rech. transp. 20 no 7;36-39 Ji 61

INNER MONCOLIA see Mongolia, Inner

INPUT-OUTPUT ANALYSIS see Linear programming

#### INSANTLY-JURISPRUDENCE

Formula of the medical criterion of irresponsibility and the controversial problems connected with it F. N. Markova, 1 K. Shakhriman'ian [Lendy] GIDUV no. 1 266-271 162 .

INSCINIPTIONS see subdivision under Cimmerian Bosporus (Kingdom)

INSCRIPTIONS, ARAMAIC see subdivision under Egypt

DESCRIPTIONS, RUNK see subdivision under Gorno-Alt.4 Autonomous Province

DISCRIPTIONS, SABAEAN see subdivision under

# INSECT POPULATIONS

Son c causes determining the stability of post population (as exemplified by the apple moth Hyponomeuta malinelles Achl.). A. G. Degitarey. Trudy KISKII 55:106-

# DISECT TRAPS

Baits in controlling click beetles. A.I. Kovalik. Trudy kir-Kill 55:51-63 [66.

Flecti Ical Insect traps. S. Andreev. B. Martens. V. Molchanova. Zemledelle 29 no.1;72-73 Ja '67.

# INSUCTICIDES

Lifect of some insecticides on the bean aphid Aphis fabae in for age bean fields. L.V. Lapshin, IU.V. Lepikhin, Khim. v. sell, khoz. 5. no. 1.34. Ja. 167.

In otection of a cindeer used for draft purposes from horsoffies. D. V. Savel'ev, V. A. Poliakov, Vest. sel'khoz, nauki 11 no. 12;136 D '66.

Reliable remedy against warble fly larvae. F.Sidorenko, III. Rustegaev. Zakup. sel'khoz, prod. no. 12:17-48 D

Studying the comparative textelly of some contact insec-ficides with regard to the beet aphid (Aphis fabae Scop) K.S. Razmadzo Soob AN Gruz, SSR 27 no. 2:201-200 Ag 161.

Testing some insecticides in controlling current borer beetles during 1964-1965. E.G. Vaganova. Trudy KISKH 55:102-195 66.

Various mothods for using poisonous chemicals in controlling greenbugs. Z.P.Borlsova, Trudy KIEKIII 55,22-27 '86.

# INSECTS-BEHAVIOR

Samvollan, K.V. [Insect "patents"] "Patenty" naseko-nykh. Moskva, Ob-vo "Znante" RSFSR, 1085 20 p (Lektoru o bionike)

# INSECTS-DEVELOPMENT

Equipment for protecting the eggs and larvae of fox color ed plac sawily from the effect of low temperatures. Shor, nauch, -issi, tab, poles, khoz, no. 6;367-369 [63].

# INSECTS, INJURIOUS AND BENEFICIAL

(see also subdivision under Kharkov Province) l'àma and blology of some predatory insects feeding on fruit mites, L. V. Andrecva, Vest, s. Pkhoz, nauki [kazakh.] 10 no 198-104 Ja 167.

INSECTS, INJURIOUS AND BENEFIC IAL-BIOLOGICAL CONTROL see subdivision under Ob' Valley, Taj ikistan, United States

# INSECTS, INJURIOUS AND BENEFICIAL—CONTROL

Dynamics of the numbers of the major posts of alfalfa and measures for their control. L.F.Krasnopol'skain Trudy KESKIII 55-28-35 '66

Pears of deciduous trees and shrubs in the constal zone of Abkhazia and the measures for their control V N Vashadzc Trudy Sukh, bot sada no 13 81-86 '60

Sudakov, K. V. [Secrets of Instinct; biological motivation of limate behavior] Tamy instinkla, biologicheskic motiv, 1102ndennego powedenila Moskva, Zranie, 1967
46 p. (Novoc v zhizni, nauke, ickhnike VIII Seria Blologlia, no 2)

# INSTRUMENT FLYING

Physiological causes of errors in instrument flights, A. Chapek, Giazhd, av. 12 no. 10;23-24 O '55,

#### INSTRUMENT INDUSTRY-ACCOUNTING

Chumachenko, N.G. [Standard accounting for production in instrument manufacturing] Normativnyl uchet protective volativa v priborostroenii Moskva, Mashinostroenie, 1986, 208 p

INSTRUMENTS see subdivision under Czechoslovakia

#### INSTRUMENTS-DESIGN AND CONSTRUCTION

Selecting names of machine and instrument parts for design documentation, M. P. Rabinovich, Stand. 1 kach. 30 no.11 9-12 N *56

INSULATED ELECTRIC WIRE see Electric wire, Insulated

# INSULATING MATERIALS

New rolled materials for covering floors on an insulating base. D. P. Airapetov, G. V. Siluanova, Strol. mat. 7 no. 12 35-36 D. 61.

Vermiculite is a highly effective insulating material. Strol mat. 7 no. 12:13 D '61,

# INSULATING OILS

Properties of transformer oil mixtures, L. A. Gorchankva, A. I. Danilova, F. I. Bessonova, Elek, sta. 37 no.12 61-63 D '66

# INSULATING OILS-ELECTRIC PROPERTIES

Effect of resins, naphthenic acids, and water on the electrical properties of the system sodium soan - transformer off (with summary in English), Ch. M. Dzhuverty, L. A. Mukharskata Koll /hui 23 no 3:272-275 My-Je [6]

# INSULATING PAPER

Effect of the drying temperature on the properties of electric insulating paperboard A.V. Riabkov. G. A. Tol'skii. Bum.prom. no 1;5-7 Jo 167.

# INSULATION (HEAT)

Achieving heat insulated roofs through use of spray-contings. N. A. Smirnov, A. F. Eremina Strong arkhit, Len. 28 no. 12:12-14 D '66

Alimov, E. V., and A A.Brechko. [Heat insulating sleeves for risers on steel castings] Teploizoliatsionnye oblitsovki pribylei stalnykhi otitvok Leningrad, 1966, 19 p. (Loningradskit dom nauchno-tekhnicheskoi propagandy, Proizvodstvennyi opyt Serita Progressivnoe formoobrazovanic)

Estimating the effectiveness of thermal insulation of the cabin at the 'Khor'kovchanka' snow half-track, I. A. Zotikov, I. A. Panov. Inform bin! Sov.antark eksp no 29 15-48 161.

Heat insulation in electric plants,  $\Gamma$  G.TSenter, Elek. sta. 33 no.3 85-86 Mt  $^{+}62$ 

# INSULIN SHOCK

Histochemical study of adrenalia, noradrenalia and ascorble acid in adrenal glands of cats following meutin coma V. V. IAglov. Ai kh. anat., gist, i embr. 51 no.10 122-125 O 166.

# INSULIN SHOCK THERAPY

NBULIN SHOCK THERAPY
Combined therapy with insulin shocks and prolonged sleep
in schtzophrenis. M. P. Chernukhina and others. Trudy Gos., nauch., -issl., inst., psikh., 26:97-103 '61.
Insulin therapy in schtzophrenia in the wards for unruly
patients of the Tomsk Psychoneurological Hospital.
L. I., Zhurko and others. Trudy Gos., nauch., -issl., inst.,
psikh., 26:77-79 '61.

Insulin treatment of schizophrenia with a chronic untavorable course. L. D Shapovalova, M. G. Pakhomova. Trudy Gos, nauch. -issi, inst. paikh, 26:80-82 161.

Materials on insulin ther my from the reception depart-ments of the Tomsk Pshychoneurological Hospital F G Garganetva and others Trudy Gos nauch -issl, unst peakh 26 73-76 161,

Some data for the comparative evaluation of the results of it cating schizophienia with insulin and aminazing Trudy Gos nauch, -issl inst, psikh, 26:83-86 161

#### INSURANCE, SOCIAL

Porty-five years since Lenin's decret on social in-unance, L Reznik Neftianik 11 no 10 14-15 O '66

RITEGRAL EQUATIONS

Applying Mellor-Fock integral transform in solving problems of imagnetic and gravity geophysical prospecting methods. V. N. Strakhov. Izv. AN SSSR, Fiz. zcm. no. 11. 55-67. 166.

Derivation of minor solutions in a class of nonlinear integral equations P. I. Golovachik. Dif ur av 2 integral equations P.
no 11.1510-1519 N '66

Integral equations in diffraction problems. V.V. Kravtsov Vych. met i prog. 5-260-293 '66.

Modification of the method of similitude iteration for a system of integral equations in problems of the theory of structure. V N Kudi ma. Proch I din av dvig no 3 185-187 '66

Numerical method for solving Fredholm integral equations of the first order. A, B, Bakushinskii. Vych. met. I prog. 5:99-106 '66.

Solution of integral equations of the first order whose keinel depends on the product A IA, Perel man Zhut, vich mat i mat fiz 7 no 194-112 Ja-F 167

TSiaf, I. IA. [Calculus of variations and integral equations, reference book] Variatsionnoe ischislenie i integral 'nye uravnenia, spravochnoe rukovodstvo. Moskva, Nauka, 1966. 176 p

#### INTEGRALS

Double Stickies operator integrals and multiplier problems, M. Sh. Birman, M. Z. Solomiak, Dokl. AN SSSR 171 no. 6:1251-1254 D '66,

Generalization of some results concerning the order of convergence of angular integrals, R.G. Mamedov Dokl AN Azerb, SSR 18 no. 3 3-7 '62

Dok! AN Azeth, SSR 18 no. 3 3-7 '62

Kaplan, I. A. [Practical studies on higher mathematics]

Prakticheskie zaniatila po vysshei matematile. Khar'kov, 1zd-vo Khat'kovskogo gos. univ.

Pl. 4. [Double, triple, and cut vilincar integrals,
numerical, trigonometric, and power series]

Dvoinye, troinye i krivolincinye integraly,
chislovye, stepennye i trigonometricheskie riady.
1966. 235 p.

One Tauberian theorem on integrals E.V. Chelidze. Soob. AN Gruz. SSR 44 no 2,257-261 N '66

# INTEGRALS-PROGRAMMED INSTRUCTION

Nakhimson, L. M. [Programmed instruction in the field of "Flements of integral calculus", a textbook for technical schools] Programmirovannoe obuchenie po razdelu "Elementy integral" nogo ischislentia", posoble dia tekhnikumov Moskva. Pt. 1. [Indefinite integrals] Neopredelemyi integral. 1065. 40 p.

# INTEGRALS, GENERALIZED

Analytic capacity and the Cauchy integral M.S. Mel'-mkov. Dokl AN SSSR 172 no 1:26-29 Ja 167

Definitions of p²- and SCP-integrals V. A. Sky ortsov Vest, Mosk un Ser. 1 Mat., mekh. 21 no 6:12-19 N-

Estimation of Cauchy integral, A.G. Vitushkin, Mat. sbor, 71 no. 4:515-534 D '66.

Estimation of Cauchy integral from analytic curve, M.S. Mol'nikov. Mat. sboi 71 no. 4.503-514 D '66, Stieltjes's double operator integrals. M. Sh. Birman, M Z. Solomiak. Probl mat. fiz. no. 1 33-67 '66.

# INTEGRODIFFERENTIAL EQUATIONS

Expansion of the solution to an integrodifferential equa-tion, E I Grudo, Dif urav. 2 no 12.1587-1593 D 188. On the existence of solutions to differential and integrodifferential equations containing asymptotic parabolas. IU. A. Ved[†]. Dif. urav. 2 no. 12, 1594-1610 D [†]88.

One boundary problem for integrodifferential equations of the Volterra type with small parameters and highest derivatives K.1. Kvantaliani. Soob, AN Gruz SSR 27 no 2 129-136 Ag '61.

Uniformly nonelliquite systems of singular integrodiffer-ential equations on compact manifolds B.R. Vainberg, V.V. Grushin, Dokl. AN SSSR 172 no. 3 518-520 Ja 187.

# INTELLECTUALS

Concept of the "intelligentsia" and some characteristics of its development during the transition to communisms, P. Stadukhin Uch zap. Sver. gos ped. inst. no. 35: 168-180 166

# INTEREST AND USURY

History of trade and commercial and usurious capital in Siberia, 1861-1891. A P Borodavkin, A. A Govorkov. Trudy TGU 158-37-60 165.

#### INTERFERENCE (LIGHT)

Limitation of posse in producing the re-dimensional images 1, 1, Mitachan, V I Bobernes Past vird, Zhan de-jer i teoryt, fiz 1 no 5 172-173 S 'tob

Restoration or image from hologram in nonmonochromatic light G I Rosoutov, I N Kalinkina M P Golovei Pist vied Zhui ekspri itotet iiz 4 no 184-86 \g 166

#### INTERFEROMETER

Comparing the resolving power of a multipher are inter-fer ometer equipped with plane appropriate and wedge-shaped plates I, V Korolev and others Vest Mosk un Ser. 3-Fizerastic 21 no 6 72-75 N-D '66

Detci mining vapor content of hydrocai bon gases in air using Shl-3 mining interferometer. M. A. Nechaev, M. V. Otsing. Gaz prom. 11 no. 12-38 '66,

Multiple-beam interference overlapping bands in the interference of a successive type V A Moskales I, M Magidina, II A Folushkini Opt, -inch prom. 3d no. 12 30-33 D 466

#### INTERFEROMETRY

Method of studying in regular changes in path difference in Pourset spectrometry. P.F. Parshin, Zhur prikl, spekt 5 no. 5'666-673 N '665.

Width of radiation spectrum or rule laser with bleaching Hquid shutter S.I Borovitatii, IU. M. Griaznov, A. 4. Chasto', Zhur. prikl, spekt. 5 no 5,609-613

#### INTERINDUSTRY ECONOMICS

Agriculture in the system of interbranch relations A Granberg Nauch dokl 1,5 shkoly, ckon nauki 10 no 113-24 '67

#### INTERMEDIN

Biological determination of intermedin in hypophysis and placenta in human embry ogenesis S. E. Levina, E. A. Ivanova, G. P. Sergeenkova Dold AN SSSR 172 no it 246-248 Ja '67

#### INTERMETALLIC COMPOUNDS

[Constitutional diagrams of metal systems, published in 1964] Diagrammy sostoianiia metallicheskikh sistem, opublikovannye v 1964 godu. [By] S. P. Alisova, P. D. Budberg. Moskva, Proizvodstvenno-Izdatel'skii kombinat VINITI,
No.10. Pod red, N.V.Ageeva, 1966, 239 p.

Role of chemical bond in reactions occurring between intermetallic compounds I, I, Kornilov, Doki AN SSSR 172 no.1;101-103 Ja 167.

### INTERNAL COMBUSTION ENGINES

Device v ith a hydraulic drive for stroboscopic sampling of gas from in engine cylinder. A A Voronkin, R V. Kazachkov. Fnergomashinostroenie 12 no.11 J9-41 N '65

Torch ignition in piston engines. V Forobov. Tckh v selikhoz. 21 no 12:67-68 D. iol.

Use of law-actane gasolines in carburator engines, P.G.Sulcimanova Shor trud Az NII NP no. 3 86-91

#### INTERNAL COMBUSTION ENGINES-DESIGN AND CONSTRUCTION

Selecting internal combustion engines for underground self-propelled equipment D, V. Khalangot Mash, 1 obor diffa mesh, i avtomatiz trud prots v ugoli, prom. no. 2:141-152 165

3 Ditto F Cardinasia

#### INTERNATIONAL ASSOCIATION OF DEMOCRATIC LAW YERS

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### INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT

In the interests of fraternal countries, K. Nazarkin, Agnator 34 no 4 55-56 F '67

#### INTERNATIONAL EDUCATION

I Nertener of Bratsk party organizations in the interna-tional education of vorkers V.1, Sverchkov Frudy Irk inst. nar khoz no 1152-161 '66

[International education of workers] Internatsional'ne vykhovanna ti udiashchikh Kyiv, Naukova dunka, 1966 191 p (Mizhvidomchyi respublikans'kyi zbit nyk)

#### INTERNATIONAL FINANCE

Problems in international financial law, M Woralski, T Nage, N Vachee Sov gos i pravo no, 1 63-68 la '67

#### INTERNATIONAL GEOPHYSICAL YEAR, 1957-1958

Discovery of the earth continues S Smuglyi. Nov mir. 38 no 12 267-269 D 462

World Data Center of the International Geophysical Year. Goothimita no 10 952 *61,

#### INTERNATIONAL LABOR ORGANIZATION

International labor organization and its problems A.Bordadyn. Sots.trud 12 no 1,20-26 Ja 187.

# INTERNATIONAL LAW ASSOCIATION

A conference of the International Law Association, G. 1, Tunkin, O V Bogdanov, Sov gos, i pravo no. 1,149-140

#### INTERNATIONAL RELATIONS

The liftieth year of a new era. V Aleksecv Mir, ekon t mezhdunar otn, no. 2 3-14 267,

The Leminist m inciple of a peaceful coe detance of the two voild systems. V. Budarin. Nauch.dokl. vys shkoly, ekon nauki i no.1,3-15 'ol.

INTERNATIONAL RELATIONS-BIBLIOGRAPHY Acc Bibliography—International relations

#### INTERNATIONAL RELATIONS-CONGRESSES

Economic competition of the two world systems, interuniversity conference. I Rudakova, I Faminskii, M. Malia-tova, Nauch.dol. vys.shkoly; ekon.nauki 4 no.1;129-142 61

# INTERPO LATION

Interpolation methods for computing the single and muttiple real roots of functions. B. A. Zhiglevich vych, mat i mat fiz. 7 no 1465-467 Ja-F 467

An interpolation problem, A.M. Zhurávskii, Zap, 1.61 43 no 3:33-42 '61

INTESTINAL AND PARASITIC WORMS see Worms, Intestinal and parasitic

# INTESTINES

Comparative evaluation of the secretory and absorbing functions of small intestine loops isolated by monus of different methods. IU.V.Kononov. Fiziol./int. 52 no 12:1463-1470 D *66.

Effect of cobalt on absorptive ability of small intestines S Aiupova, Trudy Inst. fiziol. AN Kazaklı, n 166.

> lex of trace elements (Co + Cu + Mn) on lity of small intestines in sheep, R.S. Ly Inst. fiziol. AN Kazakh SSR 10,123-

on absorptive ability of small intestines Alupova Trudy Inst. fiziol, AN Kuzakh, 166.

tudy of ascorbic acid in turkey intestines ge G. S. Krok, A. I. Gritsenko Arkli nbi 51 no 10 116-118 O 186,

losarcoma of the large intestine, M.D. huugiia 38 no.11-125-127 N 162,

nosis of cancer of the sigmoid and rectum A.L. Buldakova, G.M. Antonenkov. Sov. ) 36-38 O 168.

surgical treatment of cancer of the large ., Kalashnikov, Sov. med. 29 no 10.108-

# SCASES

rotein diet on changes in apontaneous testinal and princreatic glands in chronic erocolitis patients. N I Fixtuenina, I.N. ii. 25 no. 6:24-29 N-D | 66.

ranges in the mucous membrane of the following introduction of ACTH and . L. K. Leonova. Biul. cksp. biol. i med.

# INTESTINES—INFLAMMATION

Comparative evaluation of different methods to detrained steator thea in chronic enterocolitis I. 81 Pro and other; Sov. med 29 no. 11 107-110 N 466 J. M. Produko

#### INTESTINES-INNERVATION

Characteristics of the development of tick interting innervation gradient in mammals and man = \Lambda = \text{P} = \text{Amvioules} = \text{Dokl AN BSSR 16 no. 11 000-912 \Lambda = \text{S} = \text{FS}

Plectrophysiologic II unifolds of afferent junction) of fleocetal region of intestines with central instaction in Ir. R. Dziadzinha - Vestsi AN 1958. See blind niv no 187-92 166

Intracellular electric potentials of the amough man West filter small into stine (P.H. Bohach, H. M. Chalchen, Fiziol zhut (Ukt. ) 12 no 6 757-762 (N.D. 246)

#### INTESTINES...MICROBIOLOGY

Dehydrogenase activity of feeti alkaligeme har feets. II I Petruk Mikrobiol dur. 24 ma, 5 27 m 4, 5

Effect of the bioceassis of intestinal microflora on the development of radiation sickness. H. H. Vang kinks, I. I. Nohachevs'kyi. Miktobiol, zhat. 21 no 5 % to

INTESTINES—OBSTRUCTIONS
Some new ways of prevention and treatment of period of a cute intestinal obstruction, K.I., Hat, H. N. N. H. U. M. Dederer, Khuangiia 12 no. 12 (2) 16 (10) 16 (1)

#### INTESTINES-TRANSPLANTATION

Simplified technique of substituting the excined area. It with a loop of the small intestine, R. K.Khur Heno. Khirargina, 30, no. 11, 17-53, N. 192.

Study of the fine tion of artificial retroutering temple, a made from the large intestine using configure from the raphy — L.Kh.Rabkin, A.F. Khavileva, Grad. \$141 no.1;102-106 Ja-1 167.

Total intestinal cooplingoplasty in cleatricial step only of the coopingue and pharyns B.A.Petrov, A.P. Mark Khirurgita 36 no 1114-10 N '62

### INTESTINES-TUMORS

A case of polyposis of the large intestine, V. V. Mette veli, T M Chachaya, Khirurgita 36 ma, H 1/4 1/2 N 162

INTRA-ARTERIAL INJECTIONS see Injections, but a . arterial

# INTRACRANIAL ANDURYSMS

Significance of single-stage bilateral carothl angle pass, in the diagnosis of intractantal anengymm, A.P. Burlutskii, IU. A. Zozulia. Zhat nevi i pakh no. li 1680-1682 462.

Some characteristics of disorders of the coloinal liberatical attention in arteriovenous anemysma and the technique of examination. A.N.Konovalov. Zionara i palkh. 62 no 11*1689-1886 [42]

Readon, oc. no. 11*1082-1686-162

Ready diagnosis of arteriovenous methyones of last exceeds at versels. F.D. Podol'sbil, G.S. Douttooks, A.P. Burltiskii, Vent, rent, i rad, 11 no. 3 (6) (6)

N-D 466.

# INTRACRANIAL ANDURYSMS-RUPTURE

Segmental spasm in ruptures of cerebral answersance, B. M. Nikiforov. Vest. rent. i rad. Il no. 6:50 % 5 19

# INTRACCULAR PRESSURE

Fifect of radiotherapy on intraocular prenouse in tract of bypophysin. 1. G. Slavin, R. G. Mamin Medit of H. no. 12, 1-10 D 166.

Significance of ophthalmodynamometry in differential sulfide balacother apy in obliterating undater the Molodiev - Vop. km . . fizioter : f tech. fiz. kult. - 11 no. 6:492-196 - 66 no.0:492-196

# INTRATRACHEAL ANESTHESIA

Our experience in intratracheal anesthedla with each respiration, R. A. Alley, Azerb, mod. that, 44 + 12 31-10 D 466.

INTRAVENOUS INJECTIONS see Injections, Intra-

# INTUITION

Asmus, V.F. [A historical study of the problem of hitelement in philosophy and mathematics; from the 17th tlanguage the early 20th century] Problems intuiting the state matematike; other this istoria, XVII-machaile XX v. 2 114 Moskva, Mysl', 1965. 311 p.

Unitary and orthogonal matrix invariants. K.S. (bites, Dokl. AN SSSR 172 no.1:40-43 Ja 167.

# INVENTORIES, RETAIL

How to calculate the optimal size of commodity atral a. L. Genkina, Sov. torg. 40 no. 2:15-17 F 447.

# INVERTEBRATES

Role of invertebrates in the decomposition of our iters. G. F. Kurcheva. Pochvovedenie no. 4,16-23 Ap 17

INVESTMENTS, AMERICAN see subdivision under

INVESTMENTS, BELGIAN see subdivision under Katanga Province, Congo (Kinshasa)

INVESTMENTS, FOREIGN see subdivision under haq

# DASAF, Bishop of Perm and Solitamsk, 1994-

Address of His Holiness Patria ch Aleksii on bestowing the prelatic crosier on losses, Bushop of Perm and Solikamsk. Zhur, Mosk, Patr. no 12 21-22 '66

Nomination and consecuation of Archimandrite Ionsaf (Overametrov) as Bushop of Per m and Solikamsk Zhur, Most. Patr. no 12,26-30 '66.

#### TODIDES

Kineties of exidation of folide by hydrogen perexide in presence of titantum (IV) VA, litvinenko, Ukr. klum zhar. 32 no 11 1160-1167 *66

Physicochemical study of systems consisting of indium toilide and indides of potassium, cerum, silver, and thallium. P I Fedutov, A. G. Dudareva, M.S. Nosova Zhur, near g khum, 12 no.1271-775 Ja 167

#### TODING

Electrochemical separation of iodine in the high-speed flow of drilling fluida, S. P. Tevosov, M. Gasanova, Truck Inst. khim. AN Azerb, SSR 20-161-164 [64]

DDINE-EFFECT ON PLANTS see Plants, Effect of todine on

#### IODINE - PHYSIOLOGICAL LEFECT

Change in microstiucture of thyroid gland of sheep of Tajik bi sed as afterted by iodine em lebed food N. M. Fin Bowa Izy Old biol nauk AN Indzh 58R no i 110-

#### 100DNE COMPOUNDS

Electrof lactic properties of induce-amylose complexes O. P. Kabau, O. D. Kurylenko, Dop. AN URSR, no. 12 1594-1505, 465.

#### IODING IN THE BODY

Indine content in the thyroid gland in health and in various forms of goiter in Khighizistan P.P. Glatslintova Probl. endok. i goim 8 no 6:82-81 N-D 162

I aver function tests using 1131-tabeled rose bengal, M.N. Pateeva and others, Med rad, 7 no 10 3-8 O 162

Methodology for accoming the liver with J¹⁸¹-labeled rose longal in oncology M A Volkova, N, V Obukhov, V, Z, Agranat, Med. 1ad, 7 no 10 8-15 O 462.

# IODINE ISOTOPES-DECAY

Study of chemical transformations as a result of \$1-decay of \$131 of iodoxybenzens. V.D. Nefedov and others. Radiokhimita no.6:710-720 56

# TODING ISOTOPES-THERAPEUTIC USE

Megakai yacytopolesia and thrombacytopolesia in diffuse toxic goller during the period of treatment with 1¹³¹, O. N. Piksanov, A. M. Bykhovskafa. Med. rad. 12 no. 1-62-05 Jn 487.

Steretory and exerctory functions of the stomach in thyrotoxicosis before and after treatment with  ${\rm J}^{131}$  V.G. Spesiviceva, A. IA. Per egudova Probi endov i gorm 5 no. 6 67-71 N-D '62

Sixth White Russian Conference of Endocrinologists, G.Gatako, Probl.endok. 1 gorm. 8 no 6415-118 N-D

# IOFFE, ABRAM FEDOROVICH, 1800-1960

Academician Abram Ledovovich loffe; obtivary. Biul, nauch -tekh, inform, po agron, fiz. no 8/9,3-7 160,

# ION BEAMS-CLECTRIC PROPERTIES

I lectrostatic instability of finite lon beam. IU. 5. Popov. Pis', v red. Zhur, ekspor, i teoret, fiz. 4 no. 9:352-354 N 100.

# ION BOMBARDMENT

[Effective moments of inertia of heavy nuclei at the saddie point] Effektivnye momenty incrtsit tiazhelykh iader v sedlavoi tochke. [By] S A.Karamian i dr Dubna, 1967. 30 p

# ION EXCHANGE

Anion exchange of chloride complexes of gallium and indian in presence of hydrochloric and and organic solvents. A. N. Gorokhova. E. P. TSintsovich, I. P. Allmarin Vost. Mosk.un.Sor.: Khim. 21 no.6:68-71 N-D '68.

Effect of ion exchange on the physicochemical proporties of palygorskite, A.A. Panasevych, F.D. Ovcharenko, IE.H. Kukova'kyi. Dop. AN URSR no 7-031-935 [62]

Effect of solution concentration and artions on cation exchange of copper terrocyonides, E. V. Kazakov, I. F. Karpuva, Vest, LGU 21 no. 22:141-145 166.

Purification of technical citric acid solutions on a two-layer catton evolunger. R. Karklins, L. Ramina. Trudy VKNII no 17:156-181 '66

Study of ion exchange on crystals of fatty acids and their Mg and Ca salts. O N Gingorov, N G Sharova Vest, 1 GU 21 no 22 1:6-140 '5b.

Study of 6 idlard nickel dunct liviglyo (mate by means of ion wichange M. K. Borenko, E. I. Kazantsev, J. I. Jan. 12, no. 1, 209-273, Jan. 167.

Use of ion exchangers in the production of Leet pectin. L.B. Sosnovskil, G.V Buzina, O F Ivanova Trudy VKNII no.17 105-109 '66.

# ION EXCHANGE RESINS

Condensation of acetylene with phenol in the presence of of the KU-2 ention exchange resin V L Valsci, V,D Risbor, B,M Piristinskii Zhur prikl khim 34 no b 1360-1361 Je '61

# ION EXCHANGE RUSINS-ADSORPTIVE PROPERTIES

Ion exchangers as absorbers for gas absorbing apparatus. A.I. Vulkki and others. Bezop truda v prom. II no 1: 46-46 Ja '67

# ION EXCHANGE RESINS-THERAPEUTIC USE

Use of synthetic ion exchange regins in medical practice, a review of the literature. N.M. Sololina Fhirurgua 42 no 12 110-111 D '66.

# ION EXCHANGERS

Contact of electrode and cation-exchange membrane in electrochemical oxidation of hydrogen A. B. Khanin. Elektrochimita 2 no. 12:1491-1492 D '66.

Nature of exchange ions and hydration thorgy of ion exchangers. C.F. Nehrisch and others. Dowl. AN SSSR 171 no. 6:1373-1375 D '66.

#### ION SOURCES

Dorofcov, G.A., and G.N. Inikhov. [Standard sources of ionizing radiations] Obraztsovyc istochniki ionizinulushchirh izluchenii. [Moskva] Atomizdat, 1967.

#### IONIC CRYSTALS

Anomalies of position annihilation in ionic crystals, V. I Goldanskii, P. P. Prokoplev Pist vied Zhur eksper, i teoret fiz 4 no 10 422-425 N 166

Raman Stattering of light in cubic ionic crystals with impurities. L. E. Gutevich, L. P. Ipatova, A. A. Klochi-khin. Fiz tvet. tela 8 no 11;3260-3268 N '66.

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# IONIZATION

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Zeyakina, R.A., E.V. Lavrova, and L.N. Liakhova, Principles of short-range prediction of ionospheric principles of sinte-range prediction to indespinence geomagnetic storms and radio-propagation forecasting service, a manual] Osacry prognozirovanita ionosfer-no-magnithykh vozmusichenii i zluzhba kratkosrochnykh radioprognozov; rukovodstvo. Otv. red. L.N. Liakhova, Moskva, Nauka, 1967. 72 p.

# IONOSPHERIC RADIO WAVE PROPAGATION

Dymovleh, N.D., A.Z.Firsov, and N.P.Krasiuk. [Radio-waves in the lonosphere and ultrashert waves; textbook] Radiovolny o' tonosfere l'ultrashert waves; textbook] posoble, O'bshchala red N.P.Krasiuka Leningrad, Severo-Zapadnyl zaochnyl politekh, in-t, 1966, 82 p

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# IRRIGATION-EQUIPMENT AND SUPPLIES

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Trudy Inst. khim. AN Azerb. SSR 20:193-216 '64.

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Klimovich, L.I. [Knowledge vanquishes, some problems
in the criticism of Islam] Znanie polezhdaet, nel otorye
voproby kritiki Islama, Moskva, Znanie, 1967, 61 p.
(Novoc v zhizni, nauke, tekhnike, XII Seriia Estestvoznanie i platit no. znanie i religii, no. 2)

# ISLAMIC STUDIES

Battol'd, V.V. [Works] Sochinentia. Moskva, Nauka.

Vol. 5. [Studies in the history of Islam and the Arabian Caliphate] Raboty po istorii Islama i Alabskog khalifata. 1966. 784 p.

#### ISOBARS, NUCLEAR

Energies of isobaric and isotopic transitions and new nuclear mass formula N.N. Kolesnikov Vest. Mo um Scr. 3: Fiz. astron. 21 no 6.76-87 N-D '66 Vest. Mosk

Structure of isobaric analog states in heavy nuclei, D.1. 7-1 etskil, M.G. Unin. Pist, vied. Zhur, cksper.i teoret, fiz. 1 no. 9:379-381 N '86.

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# ISOBUTYRIC ACID

Hevafluoroisobutyryl fluoride and nitrogen ovides. IU, A. Chaburkov, N. Mukhamadaliev, I. L. Knuniants. Izv. AN SSSR, Ser. klum no 12-2119-2122 466.

Perfluoredimethylketene and perfluoremethacevile acid. Report No. 5: Hesafluoredisobutyric acid fluoride and sulfin for reid chlorides. 1U.A Cheburkov, N. Mukhamadahev, I. L. Khunian's, Izv. AN SSSR, Ser. khim. no. 12, 2115-2119 166

# ISOCYANIC ACID-OPTICAL PROPERTIES

Optically active asphenyl cthyl isocyanate. 1 P Totentley, R 1 Gracheva, V 7, Beztuchko Dokl, AN SSSR 172 no. 3.822-024 Ja 167

# ISOCYANIIRIC ACID

Use of trinifyltsocommute in the saturation compounds for Lavann N. V. Belianva and others. Kauch tree, 26, no. 1, 33-45, 467.

# ISOMERISM.

Rotational isomerism in solutions and the mechanism of depressor action. M L Shakhpatonov. Doki AN SSSR 167 no. 2 188-380 M: '66.

Solubility of isomeric platediamines in water, A. A. Grinber g. A. I. Dobrebor skaia. Zhui neorg khim. 12 no. 1 276-277 Ja '67

Tautomerism and geometrical isomerism of nitrogencontaining derivatives of carbonyl compounds. Report No.1: Dipole moments and structure of phenylhydrazones of some alidahydes and katones 17v. AN SSSR. Ser. Him, no. 12,2086-2090 '66.

# ISOMERIZATION

Isomerization of 2, 1-dimethyl-2-hepten-6-yn-4-of and theren-5-yn-3-ol, K.N.Anisimov, N.F. Kolobova, G. K. Magomedov, Izv. AN SSSR, Ser, khim. no. 1:212-214

Isomerization of 3-carene with acid catalysts. [, 1, Bardyshev and others Dokl, AN BSSR 10 no. 11, 873-876 N 165.

Kinetics of structural isomerization of the adduct of reaction of 5-methylcyclopentadiene with maleic anhydride, V. A. Mironov and others, Izv. AN SSSR, Ser khim, no 12:2213-2215 '66.

Synthesis and isomerization of alkylthicsulfolenes, E.N. Prilezhaeva and others. Izv. AN SSSR. Ser. khim. no, 12:2223-2225 66.

Separation of nuclear isomers of venon 133. V. D. Nefedov and others. Radiokhimite no. 6:714-716 66.

# ISOMERS-OPTICAL PROPERTIES

Composition and optical rotation of products yielded by catalytic conversion of 1-methol. C.I. Klabunovskii, L. F. Godunova. A. A. Balandin. Kin. i kat. 7 no. 6:1020-1024 N-D 66

# ISOMORPHISM (CRYSTALLOGRAPHY) (see also subdivision under Yakutia)

Discussion on boron isomorphism in silicates V.I. Gcol-himina no 10 937-941 '61

New concepts on isomorphic substitutions. N. V. Belov. G.P Livinskaia Vest Most un Set 4 Geol. 21 no 6 17-27 N-D 466

Specific character of the isomorphous entering of trace Claments, of boron in particular, into foreign lattices. N V Belov. Geokhimina no 10 942-945 [6]

Terms and definitions in problem of isomorphism, from commission on nomenclature problems of symposium on problem of isomorphism. Zap. Vses min ob-va 95 no 5,773-771 [65].

#### SOMORPHISM (MATHEMATICS)

Isomorphisms of semigroups of endomorphisms of modules. A V Mikhaley Alg (10g 5 no.5 59-67

#### ISONICOTINIC ACID

Potensie chemical detection of tubazid - IA Z. It iasov Sud-mad ekspert - 9 no 1 13-15 O D 186

Making industrial isoamyl and isobutyl alcohol from fusel oil V F Sukhodol, P A Chatskii Sprit prom 28 no 3 35-38 '62

ISOPERIMETRICAL PROBLEMS see Calculus of variations

# SOTOPE EXCHANGE

Hydrogen isotope exchange reaction of alkyl-substituted cyclopentadicnyl manganese tracarbonyts in acid media. N. N. Nestner move and others. Izv AN SSSR Sci. khim no 130-33. Jul 167

lsotope exchange of eveloherane with deuterium over sprived inetal catalysts. A. A. Balandin, B. S. Gudboy, R. M. Fedorovich, Izv. AN SSSR, Ser. Phim., no. 1, 38-41

Mobility of hydrogen atoms in methyl group of methyl ketones of the metalcone series. N.V. Kishikovi, V.N. Setkini, D.N. Kuras mov. Izv. NN SSSR. Ser khim no f 31-38. Ja. 167

Possibility of studying homogeneous isotope exchange without separation of components, A. Gosman, F.A. Soldatov, Dokl. AN SSSR 167 no. 2 373-375 Mr 166.

Using the emategraphy in studying sulfur 15 otope exchange in sulfur or gante compounds. V. 5. Demekento, N. F. Borisenko Izv vys. ucheb zav.; nett i gaz 8 no 8 54 -56 466

# ISOTOPES

Energies of isobaric and inotopic transitions and nev nuclear mass for mula. N.N. Kolesnikov. Vest Mosk un Ser. 3; Fiz., astron. 21 no 6;76-87 N-D '66

# ISOTOPES---DECAY

Baz', A.I., IA.B. Zel'dovich, and A.M. Perelomov, [Scattering, leactions, and decays in nonrelativistic quantum mechanics] Rasselanie, leakisii i raspady i nereliativistskoj kvantovoj mekhanike. Moskva, Nauka, 1966. 339 р.

Transition probabilities between 5/2 - [532] and 3/2 * [411] attates in 15° Tb, 157 Tb, 155 Tb, and 15° Lu nuclei A. Kokes, J. Zvolsky, 1/v, AN SSSR Ser fiz 31 no.1: 133-145 Ja '67.

# ISRAEL-LABOR AND LABORING CLASSES

Structure and the condition of the laboring class of Israel, I, Gozhanskii, Vest 1.GU 21 no. 23:50-57 '66.

# ISSYKKUL'---NAVIGATION

Poliakova, I. P. [Those who look ahead] Vperedsmotria-shchle, Frunze, "Kyrgyzstan," 1984—32 p. (Uchit'sia rabotat' i zhit' po-kommunisticheskt')

# TSSYKKUL' REGION—PALEOBOTANY, STRATIGRAPHIC

Genkina, R.Z. [Fossil flora and stratigraphy of Lower Mesozoic acdiments of the Issykkul' Basin (no thern Klighizistan)] Iskopaemata flora i stratiguafila nizhne-mezozolskikh otlozhenii Issyk-Kul'skoi vpadiny (Sever-nala Kirgizila). Moskva, Nauka, 1966. 147 p. illus.

# ISTANBUL-DESCRIPTION AND TRAVEL

A city on seven hills, travel notes. Radii Fish. Nov. vrem. 25 no. 7.28-29 F '67.

# ISTRA DISTRICT-MILKING

Practice in organizing a two-shift vork schedule for milkers. N M. Baranova. Dok: 1 soob. VNIESKH no. 28:31-37 '65

# TRACONIC ACID

Brochemical method of producing Itaconic acid. R.Karklins and others. Trudy VKNII no. 17.144-156 | 166.

# TALY-COMMERCE

Notes on trade in Italy. G. Liubosh. Sov. torg. 40 no. 2' 48-51 F '67.

#### ITALY-COMMUNIST YOUTH

The highest instance, Gianfranco Bartolo Mol komm no 4 18-20 165

# ITALY—FOREIGN ECONOMIC RELATIONS—RUSSIA Great prospects. Vnesh torg. 46 no II 53 166

# ITALY-FOREIGN RELATIONS-RUSSIA

Italy, the Soviet Union, and Furope Italian press reviews B Raiskin Nov view 25 no 5 3 4 Ja 167

# ITALY-LABOR AND LABORING CLASSES

Stormy years the labor movement, Alis Accorners, Nov. vrem 25 no. 9 16-18 F 167

# FTALY—ORIENTAL STUDIES

Oriental studies in "Eternal City " N Pigulevskaia, Palest sbor no 15:247-249 *66.

### TTALY-RENAISSANCE

[The Italian Renalssance] Ital'ianskoe Vozi ozhdenie; sbor-nik statei [Leningrad] Izd-vo Leningr. univ , 1966.

#### TTALY-STRIKES AND LOCKOUTS

Stormy years, the labor movement. Alia Accoinero, Nov. vrem. 25 no 916-18 F 167.

Once more about the 17th century Russian scientist, V IUrskii A M Khelimskii Probl. endok. i gorm 8 no 6,104-105 N-D '62.

Once more about V. IUI skin's (17th century) dissertation and the controversial opinions about it P E, Zabludov skii Probl, endok i gorm 8 no. 6 105-108 N D *82

# IUSUPOVA, SARADZHON MIKHATLOVNA, 1910-1966

In memory of S. M IUsupova Zap. Vses min. ob va 95 no 6 768-770 '66.

# IVAN'KOVO RESERVOIR see Volga Reservoir

# IV ANO-FRANKOVSK PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

We me improving work with propagandists. M. Golublov, Komm. Ukr. 36 no. 9-82-88 S '60.

# IV ANOVO PROVINCE-SHEEP BREEDS

The breeding of Romanov sheep is advantageous Z Dob-rotvorskaia, Z Chepui nova Infoi m. biul, VDNKH no 1°26 Ja 167

# IZMAYLOVO OIL FIELD-PETROLEUM GEOLOGY

Shifting of gas-oil pool in Izmaylovo field, P. I. Pas'ko Geol, nefti i gaza 10 no 12 30-33 D '66

# IZMENNYY PENINSULA-GEOLOGY, STRATIGRAPHIC

Two geological finds in the environs of Petropavlovsk-Kamehatskiy 1 F Moroz Vop geog Kameh, no. 1-131 'b6,

# JACQUARD WEAVING

Perkin, I.D., and K.V Panov. [Production of drapery tulls on the multishuttle diapery machine] Proizvodstvo gardinnogo tulta na gardinnoi mnogochelnochnoi mashine Moskva, Legkaia industria, 1986. 197 p

# JACQUARD WEAVING-EQUIPMENT AND SUPPLIES

Automatic programming in Jacquard weaving E. f., Galynker, IA, M. Rebarbar, E. IA, Leizerzon, Nauch, iss), trudy TSNIILY 21:127-139 '66,

Experimental testing of the photoelectric head for automatic programming in Jacquard weaving. IA M. Rebarbar. Nauch. -issl, trudy TSNILLV 21:120-127 '66.

# JAGATAIC LANGUAGE—SYNTAX

Complex sentences in "Mukhokamatul-lugatam" by Alisher Navoi. A, I, Abrazheev Trudy UzGU 95-151-168 *59

# JAMAICA-POLITICS AND GOVERNMENT

Jamaica, Agitator no. 17-21 S '62

# JAPAN-ANTHROPOLOGY

The ethnic anthropology of Japan. M. G. Levin, Sov. etn. no. 2 63-75 Mr-Ap 461.

# JAPAN-DESCRIPTION AND TRAVEL

Japanese notes. N. Fedorenko, Nov. mir 42 no. 7*162-196 Jl *66

# JAPAN-ELECTIONS

Elections in Japan D. Petrov. Nov. vrem. 25 no. 6:19

# JAPAN-POLITICS AND GOVERNMENT

Elections in Japan. D. Petrov. Nov. vrem. 25 no. 6:19

# JAPAN-PUBLISHERS AND PUBLISHING

History of the development and the present situation of book publishing in Japan, V S. Grivnin Kniga, isst. i mat. 4.287-314 '61.

#### JAPAN-RICE

[Cultivation practices, by ceding, and seed production of rice in Japan, report of the Soviet agricultural delegation [Agrocekinika, selektsila i semonovodstvo risa v Liponii, otchet sovetskoi sel'skovhoziatstvennoi delegalsii Moskva, 1965–36 p. (Sel'skokhoziatstvennaia nauka i praktika za rubezhom, 13)

# JAPAN-SEWING MACHINES

Portable machines for sewing-up sacks manufacting of by the "New-Long" Firm, Japan. I. Istemini. Zakup, set'Phoz.prod. no 12:52 D '66.

# JAPAN-SOCIALIST PARTY

A journey into socialism. E. Voloblev Nov. viem 25 no. 7 7-8 Γ '67

# JAPAN SEA—C LIMATE

Practice in applying dispersion analysis for determining nicessary amount of observations from ships in evaluating reliability of climatic characteristics. V. V. Filipov, A. S. Kaganskii, Trudy NIIAK no. 36, 3-20, 166.

# JAPAN SEA-MARINE FAUNA

[Explorations of the Far Eastern seas of the U.S.S.R.] Issledowaniia datinevostochnykh moret SSSR, Lenin-grad, Izd-vo Akad, nauk SSSR, 1941-1962. 8 v. (OrCS)

# JAPAN SEA-MARINE SEDIMENTS

Effect of suspension flows on recent sediments of Sea of Japan. V 1. Chaintkov. Dokl. AN SSSR 172 no. 3: 684-687 Ja 167.

### JAPAN SEA-PRECIPITATION (METEOROLOGY)

Atmospheric precipitation in various regions of Sea of Japan B A Burman Trudy NII VK no. 36.61-63.166

#### JAPAN SEA-VISIBILITY

Horizoniai visibility over Sea of Japan A. N. Shekhtman, Trudy NHAK no 36 49-63 166.

# JAPANESE STUDIES

odorenko, N.T. [Japanese notes] IAponskie zapisl. Moskva, Sovetskii pisatel', 1966 412 p.

# JASPERS, KARL, 1883-

Distinctialist glorification of imperialist reaction. V.D. Isachenko, Thudy Irk, un. 38 no. 4/81-97 188,

Clinical variations of jaundice in some diseases of the blood system IU G. Miterey, A. I. Kharanov, Probl. gemat, i perel krovi 12 no 1,27-31 Ja '67.

Postoperative joundice associated with the use of cadaver blood. G. A. Pafomov, E. A. Smirnova, Khirurgita 42 no.12 66-70 D 166.

# JAWS---NECROSIS

Stable recovery from cancer of the tongue complicated by radiation necrosis of the mandible V. V. cheva. Med. rad. 12 no 1 31-35 Ja *67.

# JEHOVAH'S WITNESSES

(see also subdivision under Trkutsk Province) Timeserving position of the present-day Jehovah's Witnesses, B. H. Krzhyvyts'kyi, Pyt. atelz, no. 1, 30-38 165

# JERUSALCM ARTICHOKE

Jerusalem artichoke, a cheap food for cattle, I.S. Zagorodnyi, Priroda no. 1:89-90 Ja 167,

# JET APPARATUS

Calculating throttle characteristics of a gas ejector at negative ejection coefficients, IU, N, Vasti'ev, Lop, mash, i struin app. no. 3:250-258 '66,

Experimental investigation of a three-jet gas ejector. IU. N. Vasil'ev, IU. A Zhuraviev, V A. Konotop. Lop. mash. i struin, app. no. 1;217-234 466.

Possibility for increasing the efficiency of a stage of gas ejector. V. S. Baikov, IU. N. Vastitev. Lop, mash, i struin, app. no. 1235-248 466.

# JET BORING

Cutting rocks with pacumatic thormat cutters, I, P, Goldaev and others, Mekh, stroi, 23 no, 12:12-13 D 166.

High-frequency equipment in mining. E. 1 Arsh. Gor. elektromekh, i avtom. no. i:39-51 165.

# JET BORING-EQUIPMENT AND SUPPLIES

Influence of fuel consumption on the efficiency of boring with single-nozzle burners. A. V. Brichkin, U. M., Sondiukov. Izv. vys. ucheb. zav.; gor. zhur. 8 no. 9; 51-55 155

Theoretical studies on gas parameters in oxygen-kerosine torches slated for thermal piercing of hard rocks. I. P. Goldaev Izv. vys. ucheb. zav.; gor. zhm. 0 no. 0.

# JET PLANES

Firstlings of jet-plane engineering. A. Ponomarev. Av. i kasm. no. 2:17-19 F '67.

The new 100-scated Tu-104A. L. Izraetskii Gi 1,4 19 no 2·20 Γ 62.

Seven volumes of comments. Charliday, 10 no 2-12-13

#### JET PUMPS

Advantages of voter jet pureps. V Borodzich. Hr. b transp. 20 no 751 Jl 61.

Distribution of general content of ozone in jet out our in V. F. Vasin, V I Voroblev Trudy G(t) no. 11 1 4 14

# JETS-FLUID DYNAMICS

Accodynamic characteristics of annular jets flooting is a screen V.I. Khanzhonkov. Prom accoding 177-27 115-179-160

Continuous symmetrical free jet flow about a plast M.I. Khmel'nik Prom accodin 100,27 1400 bu

Effect of the initial flow turbulence on the character ( * of an axisymmetric submarged jet A.S. (danger) i K.A. Pochkina – Inch. officiether, 12, no 1,13-19, (c. 8)

Flow of a free jet with finite width about a cylin literal hody M. I. Khmellnik Prom according no 17 200 hody M 218 166,

Method of integral relations in the theory of tull about the flows. A.S. Ginevakii. Prom accoding no. 21:4
30 466

Potential flows beyond the turbulent area of plane at 1 axisymmetric jets. A.S. Gineyskii, Proposition, 27 100-198 466,

Propagation of a fun-shaped jet in a limited again of that anopolaski - Inch. effection - 12 no 1:20-25 - 1:20-25

Some problems pertaining to the disintegration of casumer ged jets VIA, Brill, Zap, I Gl. 13 + v + c = 105 164

the initial area of an adsymmetric jet. It I like to a Prom acrodin. no 27 111-120 %66.

# JEWELRY, ANCIENT

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JEWISH CALENDAR see Calendar, Jewish

# JOHNE'S DISEASE

New variation of antigen and the accelerated nest, I ? microreaction of complement fixation for the set  $t_1 = t_2$  paratuber coloris A. K. Strogov. Nauch nosh 134 A. SSSR no 0.03-124 1-62.

Methodology for graphic recording of mascule (1) for sensitivity. I. A. Dmitriev. Fiziol. zlan., 52 (0) 13 1486-1487 D 166.

# JOINTS-DISEASES

[Orthopedics; pathology of the joints] Orthopedita, patologiin sustavov. Kiev, Zdarovita, 1960, 282 p (DNLM)

X-ray diagnosis of chondromatosis of joints, 1, 1, K, B Polatkhanova, Z, D D hafarova, A orthorous 43 no. 12 15-20 D bb.

# JOINTS (CNGINEERING)

Airtightness of the called joints of cooling V. I. 'tt iz' of Z. I. Fedorenko, Neft, khoz. 45 no. 131-16 it 'tt A. F. Dubrovskii. Vest, mashinosti 17 no. 1, 14 15 Ja 167.

Flexible unwelded joints of elements. Inform bill, VDNKH no 12:22 D '66.

Improved junctions and joints in large-panel horses in series 1-335. D. Lykov, V. Solulanov, Nachter R. 4 no. 0:29 Ag. 193

A simplified system for making lining assembly 1 at a 1 mine working. M. I. Boltokinokii, B. A. Vanh 144 at V. D. Popov, Shakhi, at ol. 10 no. 1213-13 1 2 a Static atrength of a dovetall anchor joint, V. N. Altq 11-Proch. 1 din. av. dvig. no. 3 164-179 166.

JOINTS (GEOLOGY) see subdivision under Dombi Basin; Ul'yanivka region (Ukraine)

# JORDAN—COMMUNIST PARTY

Always with our people and at the forefront of there. Fued Nagsar. Vop. 1st. k.PSS 11 no. 2 15-21 k 221

# JORDAN-FOREIGN RELATIONS

More trouble in Jordan, M. Kremney, Nov. vrent a. no. 10:17 Mr '07,

# JORDAN-POLITICS AND GOVERNMENT

Always with our people and at the forefront of there. Fund Nassar, Vop. int. KPSS 11 no. 245-34 F

# JOURNALISM

A conference on the methodology of teaching the U r  $\varepsilon_{\rm s}$  and practice of the party and should press. No. 3,  4  r  $_{3}$  nov. Vest. Mosk. un. Sci. II: Z hur. 21 no. 6.61 82 (; D 100.

#### JODRNALISM (Continued)

Devoted to the 50th university of the Soviet regime. Ved Mask, an set II Zhui. "I no 6,90 N-D 166

Torongu news - Vest Mosk on Set II Zhur - 21 no 6 91-01 N D 166

turko, A. I. [Establishing the Soviet party reess, Octo-ber 1917-1910] Stanovlente partimo-sovetskoi pressy, oktribri 1917-1916 pg. [Saratov] 1zd-vo Saratovskogo olas univa, 100 (NIC) 1065. 63 р.

Our willings should be specific and convincing (M. Got/kii an the cole of trees in journalism). V. D. Pelle, Vest Mork un Ser II. Zhui, 21 no 6 3-17, N-D, 466

#### JOHRNALISM-SOCIAL ASPECTS

The press and public apinion, P. I. Pronin, Vest Mosk m., Ser. II. Zhut, 21 no.6021-30 N-D 166.
Role of the press in the economic charation of the masses, those and "rectage reader" (stat? P. P. Kondi oshov Vest Mosk, an Ser. II. Zhut, 21 no. 5 42-53 N-D 166

Persiding member of the court. N. Radutania. Sovient. 30 no. 24 15-16 15 '66.
Average of Soviet publics tellantahis story. M. Sverished. Sota, solon. no. 2 10-17 15 '67.

# JUDGES-EDUCATION AND TRAINING

1) dading om young Judgets. Askuvshinova, M Cherenonykh Socient 30 no 94422-93 D 666.

### JUDICIAL PEROR

Scyllgent inventigators | 10, Klarov, Sots zakon, 38 mm (250-60) | 11 | 161,

#### JUMPING

Hael source graff, M. S. Lukin, Teor 1 prof. ft., kullt, 20 no 12 55-57 D 466

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#### JUNCTION TRANSISTORS

Applying the theory of similitude to the electronic process eages in p-n-junctions, V.S. Cherepanov, K. M. Kul'kin. Izv. vysam heb. av , fiz. 9 no 6:10-14 '60

) ffect of X-ray and electron radiations on p--n-junctions freet of N-1 ay and one of on tomortons on p-m-junctions of goldlum ar semide. M.A. Krivov, S. V. Malianov - Izv. vyn ar hebr. av.; ffr. | 0 | no.6475-436 | 66.

I ffect of X-rays on the electrophysical properties of silicen and its p-m-junctions. Part I M. A. Krivov, G. I. Petakhova. Izv. vys. neheb. zav. , fiz. 9 no 6:55-61 '66.

Restative differential confidences and induction affects in will contain the L. I. Adir ovich Sh. A. Mit sugatov. V. V. Mor ovich. 112. tver stell 8 no. 113373-3374

Symboneous radiative recombination in InP p-n-functions in three of weak currents. P. G. Ellseev and others: 117 Aver Acta 8 no U. 1303-3386 N 366

# JUSTICE, ADMINISTRATION OF see subdivision under Poland

# JOVERHILD DELINQUENCY

Obstacterialies of the public prosecutors' supervision of the pretrial law stigation of er infland offenses committed by minors. A Rozhevnilov, N. Gukovskafa, bats, zakon. no 2 30-47 F '61.

Invenile delinquents, 10, Gerbeev, Nar. obr. no. 1984-87

Stabilin, A. [Twenty years of my life; notes of a wait]
 Dyndtsat' let moet zhizni; zapiski besprizornogo. London, Ficgon Press, 1905. 91 p.
 (NIC)

Sactopsychological and y of the groups of "tough" teen-age is. I. G. Sagatovskala. Vop. pred. prest, no 4: 130-140 (66).

We should relentiously strupgle against drawing the miners into dellaquency. N Gushkov, V, Ivanav, Sots. zakon 100, 2 28-29 F 467.

# KADARDINO-BALKAR A.S.S.R.-AGRICULTURE

The development of agriculture in the Kabardine-Balkar A S. S. B. dailing the seven-year plan, 1059-1965. A. T. Kardanov Uch zap, Kab, -Balk, gos, un. no. 27 107-137

# KABARDINO-BALKAR A.S.S.R.—AGRICULTURE— ECONOMIC ASPECTS

Efforts of the party organizations of the Kabardino-Halkar A.S.S.R. to improve the forms of the remunera-tion of collective formers. Sb. A Shkhagoshev. Uch. zap Knt. -Balk gos un no. 27 138-165 '05.

# KABARDINO-BALKAR A.S.S.R.—COMMON LAW

History of studying the unwritten law of the Balkars. K.G. Azamatov. Uch zap. Kab -Balk gos. un. no. 27 15-43 166.

KABARDINO-BALKAR A.S.S.R.—CORN (MAIZE)

Two legends about the ancient village of Argudan, O. Spasskii, Mol. komm. no. 6.79-82 Je 181.

### KABARDINO-BALKAR A.S.S.R. -EDUCATION, HIGHER

Higher education in the Kabardino-Ballar A S S R. Kh M Berbekov Uch zap Kab -Balk gos, un. no 27

# KABARDINO-BALKAR A S.S.R. -HISTORY

Socioeconomic and political system of the Balkars in the 18th century N.Kh Tkhamokov Uch zap Kab. -Balk gov.un no 27 22-31 165

KABARDINO-BALKAR A.S.S.R.-SUNFLOWER SEED

Bonusce for the sunflower, G. Naurzolov Zakup, sell-liho prod no 8 23-25 Ag 166.

# KABARDINO-BALKAR A.S.S R.-WOMEN

Kesheva, E.T., and T.P. Efendieva. [The daughters of a mountainous land, on the women of Kabardino-Balkaria] Dochen i gornogo ktala, o zhenshchinakh Kabai dino-Balka-i ii. Nal'chik, Kabai dino-Balkai skoe knizhnoe izd-vo, 1965 | 129 p

# KABARDINO-BALKAR A.S.S.R .-- WORLD WAR,

Komsomol sportsmen of the Kabardino-Balkar A.S S R during the Great Patriotic War, 1941-1945 V. A. Ape-kov Uch zap Kab -Balk, gos un. no 27 227-244 '65

# KACHKANAR (SVERDLOVSK PROVINCE)—METAL-LURGICAL PLAN'IS--DESIGN AND CONSTRUCTION

Fifective use of high-duty mechanisms in the construction of the Kachkanan Combine IU, Bulatov. Na strot. Ros. 4 no.77-B Jl 163

#### KACHKANAR MOUNTAIN---IRON ORES---ANALYSIS

Methods of determining volume weight of from concentrate at the DOF retreatment plant storage area. P.P. Bastan, A. N. Ivchenko, Izv. vys ucheb. zav., gor. zhm. 0 no. 10, 17-51 '65.

#### KADZHARAN REGION (ARMENIA)-MOLYBDENITE

Content of rhenium in the molybdenites of the Nadrheian copper-molybdenium deposit V, N Gorokhova, Frudy IMGRE no 4 20-32 '66

# KADZHARAN REGION (ARMENIA)—RHENIUM

Content of thealum in the notlybdenutes of the Kadrhetan copper-molybdenum deposit. V. N. Gotorhova, frudy IMGRE no. 4 20-32 450

#### KAFAN DISTRICT-8ULFIDES

Role of thionic bacter in in exidation of sulfide ores of Kofan deposits. G. I. Karovolko. Viiki obiologila 35 no. 6:1001-1011 N-D '66.

# KAHLE, PAUL CHNST, 1875-1964

In memory of Paul Ernst Kahle K. B. Starkova. Palest. abon. no.15:230-243 66.

# KAIUROV, VASILII NIKOLAEVICH, 1876-1938

Keller, L.S. V.N.Kaiurov. [Gor'kii] Volgo-Viatskoe knizhnoe izd-vo, 1966, 82 p. (Nizhegorodtsy-revoliutsio-

# KALININ-SCHOOLHOUSES-DESIGN AND CONSTRUC-

TION
With a rating of "excellent" R. Feigina. Na stroi, Ros.
7 no. 12.13 D 166.

# KALININ PROVINCE—COMPOST

Demikhovskii, A.I., and A.M. Kozharskii. [How we pre-pare and place compost] Kak my gotovim i vnosim kom-posty. [Moskva] Mosk. rabochii, 1987. 53 p.

# KALININ PROVINCE—EDUCATION, RURAL

The combines of Kalinin province. N.D. Malakhov. Vech, strd, shkola 9 no. 3:21-23 My-Je '88,

# KALININ PROVINCE—FINANCIAL EMPLOYEES

They set an example. A. Gribanov. Fin. SSSR 40 no. 12; 73-73 D 166.

# KALININGRAD—ELECTIONS

Maetings with voters, N. Kovatsenko Agitator 34 no 4:7-9 F 167.

# Kaliningrad—Views

Kaliningrad, (Kaliningrad) Kaliningradskoe knizhnoe izd-vo, 1968, 1 v. 134 p. lilus.

# KALININGRAD PROVINCE—CRIME PREVENTION

Preventing the violation of Soviet Jawa is the most important part of supervisory work I Gudkov Sots zakon. 38 no. 7:89 JI '01.

# KALININGRAD PROVINCE—FISHERIES

In Za Rodinu Fishing Collective. A V. Ivanova. Ryb. khoz. 43 no. 1.58-57 '67

# KALININGRAD PROVINCE—SPRUCE

Spruce plantations on drained bogs in Kaliningrad Province. M. M. Elpat'evskit, Sbor. nauch, -issl, rab, poles, khoz. no. 6 246-263 '63.

#### KALMYK A.S.S.R.—BIRDS—MIGRATION

Black soils of Kalmylia as wintering place for hirds, a short report, A.V. Samorodov, IU A Camorodov, Vest, Mosk, un Sur & Biol., poch. 21 no. 5 123-121

# KALMYK A.S.S.R -CHERNOZEM SOILS

Black soils of balmy in as wintering place for birds; a short report. A.V. Samorodov, 1U. A. Samorodov, Vest. Mosk. un Scr. 6. Biol., poch. 21 no. 5 122-124 S-O '06.

#### KALUGA-COMMUNIST YOUTH LEAGUE

Advice from old Boisheviks . V. P. Akinov and others . Part which no 4.15-16. F.  $^{16}{\rm P}$ 

# KALUGA PROVINCE-PAPER INDUSTRY

Paper industry in Kaluga Province in the middle of the 19th century, S A klepitor Bum prom no 12 22-23 D 166

# KAMA RESERVOIR-BENTHOS

Characteristics of benthos distribution in tail water of Kama (Perm) Reservoir. G. B Gavrilov Gidrobiol zhur. 2 no. 6 59-62 466

# KAMA VALLEY-RESERVOIRS

Pecherkin, I. A. [Geodynamics of the shore lines of Kuna reservoit 5] Geodinamika poberezhit kamskikh vodo-khranilisheh. Perm', Permskii gos, univ Pi, I. [Engineering geology conditions] inzhenerno-geologicleskie uslovita. 1966. 198 p.

#### KAMARAN ISLANDS

The land of two moons, V. Andashev Az, i Mr seg 10 no 1 52 Ja '67

### KAMCHATKA-ATMOSPHERIC TEMPERATURE

Temperature conditions in Kamchatha A. P. Katsyka, Vop. geog. Kamch no 196-93 '66

# KAMCHATKA-BARK INSCRIPTIONS

The Kamchatka birch bark tax books of the beginning of the 18th century B P Polevoi Vop, geog Kamch, no 4 124-127 '66

# KAMCHATKA-CORMORANTS

Cormorant falls a victim to a mollusk A.S. Nikolacv. Vop. geog Kameh no 4:135-136 '66,

# KAMCHATKA-DISCOVERY AND EXPLORATION

Did Fedot Popov reach the Kamchatka River? V. P. Kuskov Vop. geog Kamch, no. 4 84-100 '66

# KAMCHATKA-EARTH MOVEMENTS

Recont movements in northwestern Kamchatka, N.T. Dumidos, A G kim. Vop. geog. kamch no. 4 131-132 466

# KAMCHATKA-FISHERIES

A few notes on fishing expeditions by collective fish farms G. P. Filonov Hyb khoz. 13 no 1 38-39 467

# KAMCHATKA-FOREST INSECTS

[Forest entomofauna of the Kurile Islands, Kamchatka Peninsula and Magadan Province] Entomofauna lesov Kuril'skikh osli orov, Poluostrova Kamchatki, Magadan-skoi oblasti Moskva, Nauka, 1966. 137 p.

# KAMCHATKA—GEOGRAPHICAL SOCIETIES

Kamchatka Section of the Geographical Society of the U.S.S.R. in 1985. V.N. Vinogradov, V.P. Kuskov, Vop. geog. Kamch. no. 4, 145-146, 166.

KAMCHATKA—GEOLOGICAL TIME
Age of Enemtem series of western Kamchatka, V N,
Sincl'ulvov. [-v, AN SSSR, Ser. geol no. 1;88-74
Jn '87.

# KANCHATKA-GEOLOGY, STRUCTURAL

Goriachev, A.V. Basic characteristics of tectoric development of the Kurilo-Kamehataka zone Osnovnye zakonomernosti tektoricheskogo razvitla Kurilo-Kamehatskoi zony Moskva, Nauka, 1966 234 p

# KAMCHATKA-GEOMOR PHOLOGY

Age of the present relief of Kamchatka, O.A Braitseva, IV. Melekestsev Vop. geog. Kamch. no. 4 50-55 '66

Relief of the ancient volcances in the couth of Kamchatka. V.S. Sheimovich Vop. geog Kamch no 4.56-52 166.

KAMCHATKA--GLACIERS
Vinogradov, V.N. [Glaciers of Kaunchatka] Ledniki Kamchatki Pod red. B. I. Pijra Petropavlovsk-Kamchatskii, Kamchatskii otdet Geograficheskogo ob-va Soiuza
SSR, 1965. 19 p [MICROFILM]

# KAMCHATKA-GOLD ORES

Silver as a geochemical indicator in searching for epithermal gold deposits in Kamchatka. A.1. Serezhni-kov. Vop. goeg. Kamch no. 4 105-107 '56.

# KANCHATKA-METEOROLOGY, AGRICULTURAL

Russia (U.S.S.R.) Glavnot upravienie gidrometeorologi-cheskol služiby, Kamehatskoe upravienie, Provide agriculture in Kamehatka with a hydrometeorological strucci] Gidrometeoslužiba - sol'skomu khozlanstvu Kamehatki Petropavlovsk-Kamehatskii, Knizhmala 1ed. "Kamehatskoi pravdy," 1983 72 p. (DNAL)

# KAMCHATKA---MITTES

I suna and ecology of gamasid notes in Kamchaila G I Tebedov Vop geog Kamch no 4 122-121 166

#### KAMCHATKA-PALEOBOTANY, STRATIGRAPHIC

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# KAMCHATKA—PEARL FISHERIES

Distribution of the Kamehatka pearl system, I I Kurenkov, Vop goog Kameh no i 110-112 '66

#### KAMCHATKA-DINE

Effect of the snow cover on the Scotch pine plantations of kamehatka in the winter 1964-65. VI Kian chenko Vop geog kameh – no 4 118-119 - 166

#### KAMCHATKA-RAINBOW TROUT

Are there trout in Kamchatka? A. G. Ostroumov. Vop-geog. Kamch. no 4 131-135 '66.

### KAMCHATKA-SNOW

Effect of the snow cover on the Scotch pine plantations of Kamehatka in the winter 1964-65. VI. Kraychenko Vop geog. Kameh. no 4 118-119 466.

# KAMCHATKA-SOIL TEMPERATURE

Temperature conditions in Kamchatka, A. P. Katsyka, Vop geog Kamch, no 186-93 166,

# KAMCHATKA-SOLAR RADIATION

Sunshine in Kainchitka, A P. Fatsyka, Vop. geog. kanich, no 1 133-134 '66,

#### KAMCHATKA-STATE FARMS-PRODUCTION STAND-ARDS

Come what may no 1-18-20 Ja 167 A Lubkov Sov profesiuzy 23

#### KAMCHATKA-VOLCANOES

Kamchalia N., ed. [Geochemistry of the Cenezoic Kurile-Kamchalia volcanic region] Petrokhimiia kainozoiskoi Kurilo-Kamchatskoi vulkanicheskoi provintsii. Moskva, Nauka, 1966, 276 p.

Fourth period of volcanism in the geography of Kamehatka. A E Sviatlovskii Vop geog Kamen no 4 14-19 166

Relief of the ancient volcanors in the south of Kamchetka. V S Sheimovich Vop geog Kamch no 4 56-62 186

# KAMENETS-PODOL'SKIY PROVINCE-FRUIT

Quality, income, profit, A Kozak, Zakup, sellkhoz, prod no. 1126-27 N 166.

# KAMENNYY LOG OIL FIELD-PETROLEUM

Adsorption refining of deasphalted products of Kamennyy Log petroleum, T. M. Nikolarva, A D Makarov, Nefteper, i neftekhim no 10 5-7 *66.

# KANAMYCIN

Methodological fundamentals for the determination of lanamycin in organs and tiasucs and study of its distribution in animal body G. IA, Kryman, A. V Kosolapova, Antiblotiki 12 no. 146-50 Ja 167.

# KANEV RESERVOR-FRESHWATER FLORA

Some characteristics of future Kancy Reservoir and possible vegetation development in it, K. K. Zerov. Gidro-biol. 7hur. 2 no. 6 18-25 166.

# KANSATIN

Susceptibility of phytopathogonic bacteria to kansain 4, K. H. Beltiukova Mikrobiol, zhur. 24 no. 5.62-65 162,

(see also subdivision under Ukraine)

Expand the mineral raw material resources of the paper industry, editorial Bum prom 37 no 5 1-2 My 462

# KARA-BOGAZ-GOL (GULF) REGION-GEOMORPHOLOGY

Problems in the geomorphology of the Kara-Bogar-Gol region, A.M. Krivenkov, Trudy Turk, geog. ob-va no 2 116-138 '61

KARA-KALPAK A.S.S.R.—HISTORY
Shalekenov, U.Kh. [The Kazakhs in the lower Amu Darya
Valley; bistory of relations among the peoples of KaraKalpakla in the 18th-20th centuries] Kazakhi nizov'ey
Amudar'i; k istorii vzalmooinoshenii narodov Karakalpakli v XVIII-XX vv. Tashkent, Fan, 1868. 334 p.

# KARA-KALPAK A.S.S.R .-- ROOT KNOT Root knot nematodes in the Kara-Kaipak A. S. S. R.

Z. Narbaev. Zashch, rast. 12 no. 1:57 '67.

#### KARA KUM-BORAGE

Characteristics of root system structure in root sucking perminals from fam. Boraginactae of Kara Kum desert. M. Akyeva. Izv. AN Turk. SSR. Ser, biol. nauk. no. 5-33-

#### KARA KUM-PHYSICAL GEOGRAPHY

Study of the nature of central Kara Kum conducted by the scientists of the Central Asian State University R. Rabbindockov. 12v. Uzb. 111 Geog. ob-vv. 9:112-123

# KARA KUM-WATER, UNDERGROUND

Khodziakuliev, IA A [Karakum and Amu Darya oil-and gas-bearing areas' hydrogeology] Karakumskaia i Amudir'inskaia neftegazonosnye oblasti gidrogeologiia, Pod red A A Kartseva, Ashkhabad, Izd-vo Turkmeni-stan, 1966 218 p

Origin of salimity of underground waters in central Kara-Kum 5 J Smirgov Dokl, AN 588R 167 no. 2:113-415 Mi 66,

#### KARA KUM CANAL REGION-BIRD LICE

Mallophaga from lake birds of Kara Kum Canal region
O Kh Shcherbinni - Izy AN Turk SSR Ser biol nauk no 5 59 -64 166

# KARA KUM CANAL REGION-PARASITES-BURDS

Mallophiga from lake birds of Kara Kum Canal region O Kh Shcherbinina, Izv. AN Lurk SSR Scr biol, nauk no 5.59-61 tag.

# KARA SEA-GEOLOGY, STRATIGRAPHIC

Stratigraphy of Cretaceous sediments on the islands of the central part of the Kara Sea V D. Dibber, V.V. Zakharov, Inform. bull NIIGA no. 15 32-43 159

#### KARABAKII UPLAND-GEOMORPHOLOGY

Volcanic relief forms of the Karabakh Upland. N.Sh. Shrinov and other: Trudy Azerb geog ob-va 3:60-70 '66

# KARABANOVO (VLADIMIR PROVINCE)...TEXTILE INDUSTRY...TECHNOLOGICAL INNOVATIONS

Boilsov, S.A. [Toward new heights] K novym vysotam. [Vladimir] Vladimirskoe knizhnoe izd-vo, 1963. 53 p.

#### KARABI-YAYLA MOUNTAINS

karabi-Yayla Massif in eastern Crimea. T I. Ustinova, Izv Krym otd Geog ob-va no 6 61-72 161

#### KARABILI UPLAND-BOTANY

Flora of Karabill and its characteristics B, Berdyev, 17v. AN Turk SSR Scr. biol, nauk 40, 5 45-48 466

# KARADIL' UPLAND-GEOLOGY, STRATIGRAPHIC

Upper Karabil' series and problems concerning its origin G. I Amurakii Trudy Turk, geog, ob-va no 2 50-85 161

Upper Quaternary lacustrine-alluvial deposits of the Badkhyz and Karabill Uplands G. Berdyev Trudy Turk geog ob-va no. 2 106-115 '61

# KARACHAY LITERATURE—HISTORY AND CRITICISM

Karacya, A.I. [Outline history of Karachay literature]

Ocherk istoril karachayskol literatury. Moskva, Nauka, 1966. 318 p.

### KARAGANDA—IRON AND STEEL PLANTS-DESIGN AND CONSTRUCTION

Inadmissibly slow rates. R.III asov. Nar. khoz. Kazakh.  $24\ \text{no}\ 11^{\circ}59^{\circ}62\ \text{N}^{\circ}66$ 

#### KARAGANDA-RUBBER INDUSTRY-EQUIPMENT AND SUPPLIES

Deconomy is before everything - V. Fursov. Nar, khoz. Kazakh -24 no. 11 23-26 N  $^{+}66$ 

# KARAGANDA-STEEL INDUSTRY-MANAGEMENT

Scientific labor organization operates in workshops S Tulemisova K Shebetinin Nar khoz, Kazakh, ?1 no, 12 14-17 D '66

# KARAGANDA BASIN-BLASTING-SAFETY MEASURES

Testing hydrox cartridges in coal mines of Karaganda Basin, F.M Gel'fand, Vziyv.delo no.60/17:281-286 '66,

# KARAGANDA BASIN—COAL MILIES AND MINING— SAFETY MEASURES

Influence of the strength of shells upon intensity of the priming impulse and time characteristics of electric detonators, F.M. Gellfand, Vzryv, delo no. 60/17-210-218 468.

A new efficient process of preliminary wetting of coal and tock massifs, G. E Panov Ugol' 42 no.1,63-65 Ja '67.

Results of industrial testing of E-6 "Uglenit," No. 1
"Miporit," and No. 2 carbonite in coal mines of
Karagandaugol' Combine. F. M. Gell'fand, G. A. Poliak,
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# KARAGANDA BASIN—COAL MILING MACHINI RY— DESIGN AND CONSTRUCTION

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#### KARAGANDA BASIN-MILL DUSTS

Influence of physical and mechanical properties of the i upon dust for mation in conducting development of 113 y upon dust for mation in conducting development of 123 N. F. Ca nebelienkov, D. A. Amanbats, C. I. (1900), 1 ye ucheb. (20), 3 got zhur. 8 mo 10,58 sh/ 563.

### KARAGANDA BASIN--MINE HOISTING--I QUIPAR IN AND SUPPLIES

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# KARAGANDA PROVINCE—INDUSTRIES

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# KARAKUL' REGION (BUKHARA PROVINCE) - SOLE ARIANOD REGION HOUSE AND ANALYSMAN PROPERTY ANALYSMAN PROP

KARAKUL SHEEP

The karakul at an international fur auction, A 1 11 pollskii Zakup, acPkhoz, prod no. 1195 h. 111.

# KARAMAZAR MOUNTAINS-BERTHICKET

Berthierite from Kara Marar Mountains | 9.14 kb | 1.45 | Nauch trudy Publicht no. 234 Good markt no 2017 | 1.45

# KARAMAZAR MOUNTAINS-MINERALS

Impurity elements in orea and minerals of Altia 11, a ore zone. M.R. Enikery. Nauch. trady larter at 254 Gool nauki no 20:11-56 64.

# KARAMAZAR MOUNTAINS—ORE DEPOSIES

Impurity elements in ores and minerals of  $\Delta B_{MC}(t)_{cor}$  ore zone. M.R. Enikoev. Nauch.  $t_{CO}(t_{CO})$  declarated no 20d1-50 %1.

# KARAPETIAN, SAAK KARAPETOVICIT, 1006-

# KARATAU-FORAMINIFERA, FOSSIL

I ayers with Padothyra communis to the Ku r  $\pm \omega$  v  $^{\pm}$ in the western apure of the Inlas Ala-T or Of F. O. V. Illierev. Biol. MOIP, Old, good, 46 and 1 for all the state of the

# KARATAU-GEOLOGY, STRUCTURAL

Tectonic development of the Kara-Tau (south tin hat . . ston) in the Lower Pateosoic, G. I. Mukaty, 1, 1, MOIP Otd. good, 36 no. 3:3-49 My-Je 461

# KARE LIA-ACTINOMYCES

Study of antagoniatic properties of actinometries in Karelian soils. A. B. Silaev and other w. Vist Market Ser. 6: Biol., pochy. 21 no. 5:95-58 Sec. 9 h.

# KARELIA-FISH INTRODUCTION

Introduction of pike perch into Karelian fikes 3 % Saltup. Ryb. khoz 43 no 124-25 *67

# KARELIA-FOREST REPRODUCTION

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# KARELIA—HOME ECONOMICS—ACCOUNTING

Payments and benefits from public consumption for is in worken's family budget according to the range data of lumbernen's family budget in Kastilia A: Revaikin, Vest, 16W 21 no. 23:12-20 also.

# KARELIA-LUMBERING

Prospects for cutting lumber and the timber consumption in Farelia, I. G. Cherevant. Shor, nauch -1881 rab police, khize no 6-49-38 (6)

### KARELIA-METAIS, RARE AND MINOR

Calculation of crystallization coefficients of rare alkali metris for potassimo minerals in pegmatites 1.D Rish likov. Geokhimia no 10 926-930 (81

#### KARL LIA-MINES AND MINERAL RESOURCES

Krutis, K.O., and I.F. Voenusikin, eds. [New ways for the utilization of law minerals in Karelia] Novye puti ispol'zovanila mineral'nogo syr'ia Karelia Petroza-tudsk, Karel'skoe knizhnoe izd-vo, 1966 68 p. [Microfilm]

#### KARELIA-GLD BELIEVERS

[Old Delievers! Church Calendar for 1966, dedicated to the 260th anniversary of the foundation of Leksa Com-munity] Staroobriadcheskii Tserkovnyi kalendar' na 1966 god, posylashchaetsia 260-letifu osnovanila Leksinskogo obshchezhitel stva. Vilnius, Vysshii Slaroshriadcheskii Sovet v Litovskol SSR [1965] 151 p.

#### KARP LIA-PEGMATITES

Geochemistry of the couth elements in pegmittes of matthern Karefix K. K. Zhirov, G. A. Bundurkin, IU G. Lagrenttey Geochimins in H 995-4004 461

Increasing the efficiency of grophysical prospecting for init recons pagnitht veins. S. 11, 1 agentkii, Rozved. 1 akh. nedi - 26 - no. 8:33-37 Ag - 160.

NARE LIA—PINE Planting time for pine seeds in karelia. M S, Sintkevich, A, D Venkov Shor, nauch, 2184, 14b, po leg khoz no, 6 194-296 (b)

# KARLLIA-RARE CARTH METAIS

Grochemistry of tale earth elements in pegmatites of northern Karelin - K. K. Zhirov, G. A. Bandurkin, 10, G. Lavrengev - Geokhimitr no 11 995-1004 [6]

# KARELIA-SOIL MICRO-ORGANISMS

Sindy of antagenistic properties of actinomycetes in Kurchan volts. A.B. Sharv and others. Vost. Mos Ser. 6: Biol., poets. 21 no. 5;95-59 S-O '66. Vest, Mosk, un.

# KARICLIAN ISTHMUS-STLT-MICROBIOLOGY

Octdation - reduction potential and distribution of bacter is far and a co-sittly year in some Karelian Isthmus lakes. V.G. Drabkova. Mikrobiologija 35 no.6 1080-1086

# KARSHI REGION (UZBEKISTAN)—GROUND SQUIRRELS

Sentimental reproduction of Spermophilopsis leptodactylus Idekt, in Kurchi skeppe. A, A, Petrova, Zool. Ahn 15 no. 12 1887–1888 ³66.

# KARSKI (LSTONIA)

Hilaalo, Jaan. Karkel. Tallinn, Eesti Raamat, 1966.

# KARST

(see also subdivision under Altal Mountains, Bol'shoy Kolehlin Valley, Cherdyn' District; Gotland, Kopperlya Valley; Perm Province)

Practice in studying karstipermaireat, 1. A. Debrovelt-nich, 1. v. vys. ucheb. zav., geol. i razv. 10 no. 1421-122 Jan 267.

Practice of using combined profiling for the manifesta-tion of a deep karst in an Entonium off shale deposit, 1) \$1 kabanov, Razved, i oki nedt 26 no. 3:55-57

Satt karsı - A. I. Dzens-I itovskii. Priroda no 1885-88 La ¹67.

Study of Karst by the Department of Geomorphology of the Academy of Sciences of the Czechoslovak Republic in Birno, 1955-1960 J. Demok. Peshchery no 2 109-111 162

# KARYOKINESIS

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O. N. Piksanov, A. M. Bykhovskafs. Med. vad. 12 no. 1.32-05 Ja 167.

Some induces of the mitotic activity of hone main or followers the offect of institute activity on the body. M. N.

lowing the effect of ionizing radiation on the body. M N Gorizontova Med. rad II no 12:55-56 D 166

# KASHCHEEV, GRIGORII NIKOLAEVICH, 1887-1966

Grigorii Mikolaevich Kashcheav; obituary. Torf. prom. 43 no. 8: 28 | 66.

# Kashira district—forest soils

Rate of soil formation in immestone quarries and secondny chinges in buried light gray forest soils ? Smirnov. Pochvovedenie no. 191-102 Ap 160.

#### KASHKA-DAR'YA VALLEY-BOTANY-ECOLOGY

Basic features of the vegetation of the Kashka-Dartya basin A D. Piatacva Nauch, trudy FashGU no 210 113-151 162

#### KASHMIR

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#### KASKELEN DISTRICT-SOILS

Soil characteristics and methods of unrigation P.Shlermovich. Zemledelie 29 no 1,36-37 Jn '67.

#### KATAEV, VALENTIN PETROVICH, 1897-

A conception and the times Valentin Eatacy Vop lit 5 no 9 140-138 S 161

The sun on the horizon. O, P, Voronova, Nach shkola 35 no 2.7-11  $\,\rm I^{1-1}67$ 

#### KATANGA PROVINCE, CONGO (KINSHASA)-ENVEST-MENTS, BELGIAN

An epitaph for Union Ministre. IU. Bochkarev. Nov wich 25 no. 7 8-10  $\,\mathrm{F}^{-1}67$ 

Union Miniere suffers a defeat A Zakharov, Mezhdunsi, zhizut 14 no. 2.131-135 '67,

# KATMANDU, NEPAL—RUSSIAN LANGUAGE—STUDY AND TEACHING

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# KAYRAKUM RESERVOIR--CRUSTACEA

Role of phytoplankton in feeding some lower species of crustaceans in Kayrakum Reservoir. S. A. Andriev-skria. Izv. Old. biol nauk AN Tadzh SSR. no 160-67

### KAYRAKUM RESERVOIR-PHYTOPLANKTON

Role of phytoplankton in feeding some lower species of ciustaceans in Kayrakum Reservori, S.A. Andricv-skaia, Izv. Otd. biol nauk AN Tudzh SSR. no. 160-67

# KAZAKEVICH, EMANUEL, 1913-1982

A man and a friend Konstantin Paustovskii Nov mit 38 no in 287-288 O '62

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# KAZARIISTAN-AGRICULTURAL WAGES

Improve practice in paying wages on state forms.
A. IUgai. Sots. ind. 12 no. 2, 11-18 F 167.

# KAZAKIISTAN—AGRICULTURE

Agriculture of karakhstan in the five-year plan, G. Melinik, Plan khoz no. 2.3-0 F '67.

# KAZAKHSTAN—BUILDING MATERIAIS INDUSTRY

The supply of building materials and equipment of the houthern Kazakhetan construction industry is growing and becoming stronger A I. Zenkov, htroi, mit, 7 no. Il 3-6 N [6].

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# KAZAKHSTAN—CLERKS (RETAIL TRADE)

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# KAZAKHSTAN—COLLECTIVE FARMS

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# KAZAKHSTAN—COMMUNICATION AND TRAFFIC

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# KAZAKHSTAN—COMMUNIST PARTY OF THE SOVIET UNION-PARTY WORK

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KAZAKIISTAN—CONSTRUCTION INDUSTRY—COSTS What the analysis showed, B. Golovkin, Nar, khoz. Kazakh, 21 no. 11,63-64 N 166,

# KAZAKHSTAN-CONSTRUCTION INDUSTRY-MANAGE-MENT

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# KAZAKIISTAN-CONSUMPTION (ECONOMICS)

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# KAZAKHSTAN—CORN (MAIZE)—IRRIGATION

Space arrangement and density of stand for irrigated corn, N.U.Umurzakov, A.A.Lukashev, Vest, sel'khoz, nauki [Kazakh, ] 10 no.1-51-56 Ja '67.

### KAZAKHSTAN-DINOSAURIA

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#### KAZAKJISTAN-ECONOMIC CONDITIONS

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# KAZAKHSTAN—GLACIERS

[Glaciological studies in Kazakhstan] Gliatsiologicheskie Issiedovanila y Kazakhstano. Alma-Ata. No.6, 1966, 139 p.

#### KAZAKHSTAN—GOAT'S MILK

Adrenal in and acetylcholine participation in regulation of milk secretion in goats B. N. Abbasov, Z. M. Miakbarova Trudy Inst fiziol AN Kazakh SSR 10 162-166

# KAZAKHSTAN—GRAIN—STORAGE

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Kazakhstan milhaid. B. Dvoretskii. Zakup. scl'khoz. prod. no. 12,1-4 D '66.

# KAZAKHSTAN-GRAIN HANDLING

# KAZAKHSTAN-GRAIN TRADE

Kazakhistan milhard. B. Dvoretskii. Zakup. sel'khoz. prod. no. 12:1-1 D '66.

# KAZAKHSTAN-HUMUS

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# KAZAKHSTAN—INDUSTRIAL PROCUREMENT

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# KAZAKHSTAN—INDUSTRIES

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The first year of the five-year plan Nar, khoz, Kazakh 24 no 12 12-43 D '66

# KAZAKHSTAN-IRON ORES

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# Kazakhstan-lamellebranchiata, fossil

Betekhtina, O.A. [Upper Paleosic non-marine Pelecypoda (bivalves) of Siberia and castern Kazakhstan] Verkhnepaleozolskie nemorskie peletsipody (dvustvorki) Sibirl i Vostochnogo Kazakhstana, Moskva, Nauka, 1966. 219 p. illus.

# KAZAKHSTAN-MACHINERY-MAINTENANCE AND

REPAIR More on the repair base in the republic. L. Kim. Nat. khoz Kazakh 24 no 12:77-79 D '66

# KAZAKHSTAN—MACHINERY INDUSTRY—FINANCE

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#### KAZAKHSTAN-MACHINERY INDUSTRY-MANAGE-MENT

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#### KAZAKHSTAN-MANGANESE ORES

Laboratoriia osadochnykh poleznykh iskopaemykh. [Concentrations of manganese and from ores in the Dzhall'ma Trough] Margantsevye i zhelezorudnye kontsentratsii Dzhall'minskor mul'dy Moskva, Nauka, 1986 142 p

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# KAZAKHSTAN—NOMADS

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# KAZAKHSTAN-SHEEP BREEDS

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#### KAZAKHSTAN-SODIUM

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# KAZAKHSTAN -WEED CONTROL

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# KERAMZIT

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# KERCH-SHIPS-MAINTENANCE AND REPAIR

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# KETONES-THERAPEUTIC USE

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Ivanov, V. V., and V. N. Toporov. [Linguistic frithe elimogenesis of the Kels In connection with relem of their inclusion in the circumpolar regional visit heakie voprosy etnogeneza Ketov v sviazis, and vkhorhdentia like v tsitkampollarmaiu oblusts skva, 1964, 12 p. (International congress of argical and elimological sciences, 7th, Moscon 10 money po. 201) [Papers, no. 20])

#### KEYVY UPIAND-CYANTIE

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# KHABAROVSK TERRITORY-GEOGRAPHY

[Problems in the geography of the Amur Valle,] V , r - geografit Priamur'ia, Khabarovsk, 1965, 103 p.

# KHABAROVSK TERRITORY-GEOLOGY

[Geology of the U.S.S.R.] Geologia SSSR. Gilv. 1. A.V.Sidorenko. Moskya, Nedra, Vol. 19 Kramut I I A A Lambara ٠ ټ د

Pt.1. [Geological description] Geologiches opisanio, 1966, 736 p. map (Insert)

# KHABAROVSK TERRITORY—INDUSTRIES

We call you for heroic deeds and industrious we-

# KHADZII INOV, MIKHAIL IVANOVICH

Breeder Mikhali Ivanovich Khadzhinov, M. V. Bl.-1 Vest, sel'khoz, manki 11 no. 11:123-124 '66.

Khalfin, Konstantin iakov levich, 1904-Imaginary life. 10, Votchek, Nov. mir 38 no 1-24

KHALTURIN, DMITRII SERGE EVICH, 1912-1966 Dimitrii Sorgoevich Khalturin; obliuary, Geol. 62 gaza 10 no. 12-52 D 166.

#### KHAMAR DABAN RANGE—HUNTING

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# KHAMUDKHANOV, MUZAI FAR ZAKHIDKHANOVICH,

Mizriffai Zakhidikhanovich Khamudkhanov, on the occasion of his softh his than y lzv. AN Uz. 55R, Sci. tekh, nauk. 10. no. 6-3-5-46.

#### MHANLAR REGION (AZERBAIJAN)-C LAY

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# KHARKOV PROVINCE-ERMINE MOTHS

Some causes determining the stability of pest population (as exemplified by the apple moth Hyponomeata malinei-his Zell ). A.G. Degitarov. Trudy KIESKII 55:106-111 '66.

#### KHARKOV PROVINCE-EURYGASTERS

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# KHERSON PROVINCE—SOCIAL GROUP WORK Adoption of progressive experiences, Part, thizn' no. 3: 59 F '67

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KHIBINY MOUNTAINS-DE LHAYE LITE

Delhayelite from the Khibiny mountains. M. D. Dorfman, E. N. Belova, R. N. Neronova Trudy Min, muz. no. 12 101-195 '61.

# KHIBINY MOUNTAINS-OIL WELL LOGGING

Experiment of applying mud logging for the investigation of combustible gases and bitumens in the Khibley intrusive massif I E. Petersile and others. Geokhimiia no 10 855-868 461.

# KHIBINY MOUNTAINS-SNOW

Smirnov, V.M. [Snowman from the Khibiny Mountains] Snezhnyl chelovek iz Khibin. Leningrad, Gidrometeor izd-vo, 1066. 147 p.

# KHMELINITSKIY---PHARMACE UTICAL SOCIETIES

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# KHRAM VALLEY-GEOLOGY, STRUCTURAL

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# KIBRIK, EVGENII ADOL'FOVICH, 1906-

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# KIDNEY FUNCTION TESTS

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Effect of operative and postoperative shock on renal function in tuber culosis following resection of lungs O G. Bunun Grud khir 9 no 1:91-96 Ja-T '67.

#### KIDNEYS-DISEASES

Analysis of an outbreak of hemorrhagic nephrosoneph-ritis, I.I. Anokhin, Sov. med 30 no 1146 Ja '67 Clinical evaluation of the offect of lespencylin il in chronic diseases of the kidneys, L. R. Poliantseva, Sov. med, 30 no. 182-86 Ja '67

Comparative evaluation of new methods to determine the degree of bacteriums in the diagnosis of the onic pyelonephi itis A,IA Pytel', V S Riabinskii, V.E. Rodoman. Sov med 29 no 10 3 10 O 166

Pluctuations of the content of serum glycoproteins during acute mephritis in children L M Phaskova Sov med 29 no 11 75-81 N '66

Functional state of the advenal glands in nephropathies in child an during the dynamic progress of the disease E M. Okulova Sov med. 20 no il 81-85 N 166

Morphological analysis of compensatory hypertrophic kidney in some manimals, T Ruziev, 12v Oid, biol. nauk AN Tadah SSR no. 3 106-109 166

Problems of the effectiveness of climatotherapy of chronic nephritos in Bayram-Ali. D M Allaberdier. Trudy Turk nauch. 1981 inst klim., kur i fiz metod lech, 8 7-12 '65,

Specificity of neuropsychopathological syndromes in tick-borne encephalitis and hemorrhagic nephrosone-phritis I. B Gaiant. Trudy Gos. nauch. -isst, inst. psikh. 26 201-205 '61.

# KIEV---ANTIQUITIES

Tolochko, P. P. [Ancient Kiev] Starodavnii Kyiv, Kyiv, Naukova dumka, 1966. 82 p. (Naukovo-populia na literatura)

# KIEV-CLOTHING INDUSTRY

Salons of clothing ensembles. L Mazurenko, N. Podgornafa. Soy torg 40 no 12:40-41 D 166

# KIEV-COMMUNIST EDUCATION

Where to get equipment needed for propaganda? A letter to the editor. V. Zaruda, Agitator 34 no 229 Ja '67

# KIEV-CONSTRUCTION INDUSTRY-AUDITING AND IN-SPECTION

Volunteer priticipation on the construction sites of Kiev. V Gusev Eron stroi 9 no 1:34-37 Ja '67.

# KIEV-HISTORIC HOUSES, ETC.

Tolochko, P.P. [Ancient Kiev] Starodavnii Kylv. Kylv, Naukova dumka, 1966. 82 p. (Naukovo-populiarna literatura)

# KIEV-LARYNX-TUMORS

Records on papillomatosis of the larynx in children at the Ear, Throat and Nose Clinic of the Krev Medical Institute for ten years (1948-1957) A.I Lisovskara, Zhur.ush.,nos.i gorl.bol. 19 no 6:62-64 N-D '59,

# KIEV-MICROBIOLOGY-RESEARCH

Institute of Microbiology and Virusology. Zashch. rast. 12 no. 1 59 '67.

# KIEV-MOSAICS

Learney, V.N. [Mosaics of the Archangel Michael Ca-liedral, with an appendix of V.I. Levitskala's article "About the palette of the mosaics of the Archangel Michael Cathedral"] Mikhailovskie mozaiki; s prilo-zheniem star'i V.I. Levitskoi "O palitre mikhailovskish mozaik" Meckus iskuestvo 1988 989 o Johlahu. mozaik," Moskva, Iskussivo, 1966. 269 p. (chiefly illus. )

#### KIFY-NATURAL HISTORY MUSEUMS

Control Catural Sciences Justitud of the Academ of Science of Ukramium 5 S.R. Dop. Av. URSR. no. 10 1362-

#### KIEV-PUBLIC HEALTH RESEARCH

New institute in the service of people is health | E | V | Anto-novich | Vop pit | 25 no 6 db | N-D | 166

#### KIEV -- SOCCER

Mykhailov, M.I. [Kiev Dynamo] "Dynamo." Kylv, Zdorov'la, 1986, 83 p.

# KIEV-TRANSPORTATION, AUTOMOTIVE-MANAGE-

Efficiency of the new planning system G Baidlukov Avt transp 45 no. 1915-16 Ja *67,

# KIEV-VIROLOGY-RESEARCH

Institute of Microbiolog, and Victory 12 10.1 59 167.

#### KIEV-WOODWORKING MACHRIERY---!! YDRAU LIC EQUIPMENT

Modernization of the h draulie's, stem of the DS-1 bench in the particle board shop of the First Wood-Processing Combine, MS Stransekov 11s hosp, his, pap to deep promator 11s-15 las-T 597,

#### KIEV PROVINCE-COLLECTIVE FARMS

Organizers are leaders of the masses V Volkoday, Part zhizal no. 4 40-41 F 187.

#### KIEV PROVINCE-EGG TRADE

Path to the consumer could be shorter. IU. Mitm. Zakup sel'thoz, prod no 12 35 D '66.

# KIEV REGION—AIRPORTS—DESIGN AND CONSTRUCTION Unique structures of the Borispoll airport terminal, M.G. Ivantsov, E. V. Patsko Transp. stroi 16 no. 4 20-22 \p 166

#### KIEV REGION-SHREWS

Discovery of a nest of the little shrew (Sorex minutes 1 )
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#### KIEV REGION-WATER, UNDERGROUND

Depression of the Buchakian-Kanev aguifer in the Kiev region M G Kostianoi, O S Shpolians'kvi Geol, zhur 21 no 1 78-82 '61

#### KILNS

Breakdown of an annular kiln due to a change in the tem-perature cycle. M. I. Rogovoi. Stror mrt. 7 no 12:23-

Improving the lining of the cars in tunnel kilns V. A. Trishin, Strot mat. 7 no. il 30 N 161

# KILAS, ROTARY

Causes of damaging of relinioned concrete supports of rolary coment Pilns V. Podol'skii and others. Prom. stron rimah, seer. 8 no 6,3-5 N-D '66.

Performance of rotary kilns with shaft-type heat ex-changers in clay fiting for grog. P D Orekhov Ogneuporv 31 no. 12 5-9 D 166

Use of ribbed lining in totally kills for roasting keramizit. V. P. Gornykh Strot. mat 7 no. 12 30-31 D 161.

(see also subdivision under Yakutia)

First data on rare earths in kimberlite rocks. V V Bur-kov, E K. Podporína Doki. AN SSSR 171 no. 4 970-973 D *66.

Sphere-like inclusions of kimber lites of early generation in cruptive kimber lite breeclas. A D Khar Fiv. Lzv AN SSSR Ser gool. no.187-91 Ja '67.

# KINDERGARTEN

Demurova, E. IU., and L. F. Ostrovskafa, comps. [The head of a kindergarten] Zavedulushchafa detskim sadom. Moskva, Prosveshchenie, 1986, 142 p. (NIC)

# KINEMATICS

Tikma, Boris. [Use of a theorem on kinetic energy in the dynamics of a system! Kinetillise energia teoreem susteem! dunaamikas. Tallinn, Tallinna Polutehniline instituut, 1965. 36 p. [In Estonian]

KINEMATICS OF MACHINERY see Machinery, Kinematics

KINESHMA (IVANOVO PROVINCE)-HISTORY Vinogradov, I. N. [Summer lightning of the upper Volga region] Zarnitsy Verkhnego Povolzh'ia. IAroslavi', Verkhne-Volzhskoe knizhnoe izd-vo, 1966. 125 p.

KINETIC THEORY OF GASES see Gases, Kinetic Theory of

KRCHIZ see subdivision under Yenisey Valley

# KIRGHIZISTAN—BILINGUALISM

Some types of bilingualism in Kirghizistan, B. C. Oruz-baeva, Izv. AN Kir. SSR no. 2:82-89 S-O '66,

# kirghizistan--cotton--diseases and pests

Root 10t of cotton B. Sanginov, G. Malitseva Zasheh. tast 12 no 1 17-18 167.

# KIRGHIZISTAN--DISCOVERY AND EXPLORATION

Brief outline of the history of geographical study of Kinghiristan S.H. Umurrakov Trudy Institut est in tekh 12 1-39 462

# KIRGHIZISTAN-ECONOMIC CONDITIONS

|Develop cent of the national economy of Kinghizisian; a short study | Razville natodogo khozlaistva Kingizii, kiatkin ocherk | Franze| Dd-vo Kvigyzstin, 1906

# KIRGHIZISTAN—ELFCTION LAW

KIRGHIZISTAN—ELECTION LAW
Kirghiz S, S.R. Laws, statutes, etc. [Statute on elections to province, dish lick, city, and, village, and settlement soviets of workers' deputies in the Kirghiz S, S.R.
Adopted by decree of the Presidium of the Supreme Soviet of the Kirghiz S, S.R., October 7, 1950. With amendments Introduced by decree of the Presidium of the Supreme Soviet of the Kirghiz S, S.R., January 9, 1963] Polozhenie o vyborakh v oblastnye, rajonnye, gorodskie, aflnye, sel'skie i posolkovye Sovety deputatov i rudiashchikhsia Kirgizskof SSR, Utverzhdeno Ukazom Prezidiuma Verkhovnogo Soveta Kirgizskof SSR ot 7 oktiabi ia 1950 g, S izmenonikami i dopolneniami, vnesennymi Ub'azom Prezidiuma Verkhovnogo Soveta vnesennymi Ułazom Prezidiuma Verkhovnogo Soveta Kligizakoi SSR ot 9 ianvaria 1963 g. Frunze, Izd-vo Kyıgyzstan, 1965, 27 p.

# KIRGHIZETAN-GEOGRAPHICAL RESEARCH

Brief outline of the history of geographical study of Kinghiristan 5 U Umurzakov Trudy Inst. ist est i tekh 12 1-39 162

# KIRGHIZISTAN—GEOGRAPHY—BIB LIOGRAPHY

Castern Siberia in the Russian geographical hierature of the first half of the 19th century G V Naumov Trudy Institute estrickli 12 10-02 762

#### KIRGHIZISTAN-GOITER

Iddine content in the thyroid gland in health and in various forms of gotter in Kughizistan P P Giatsintova Probl endok, i gorm 8 no 682-81 N-D 162

#### KIRGHIZISTAN-INDUSTRIES

Ktavtsov, V.I. (Industrial development and technological progress) Razvitie promyshlemusti i tekhnicheskii progress. Frunze, Kirgizskoe gos. izd-vo, 1963. 26 p.

#### KIRGHIZETAN-IRRIGATION CANALS AND FLUMES-DESIGN AND CONSTRUCTION

Eliminate deficiencies in the irrigation construction of Kirghizistan R. Alimoy, K. Kosharov Fin. 889R 41 10 1:28-30 Ja 'G7

# KIRGHIZISTAN-PLANTS, PROTECTION OF

Forecasting service in Kinghizistan, T. Gotubinakata, Zashch, rast 12 no 1 14-46 167, In Kirghizistan, I, Mamraliev, Zasheh tast, 12 no. 1 3-5 67.

Kinghiz quarantine inspection. 1. Rogachev. Zashch. 1ast. 12 no. 1:52-53 167.

# KIRGHIZISTAN—PLANTS, PROTECTION OF—RESEARCH

What the scientists are working on. R. Gainullina, F. Markov. Zashch, 1ast 12 no. 1:6-10 467.

# KIRGHIZISTAN-SOIL SCIENCE

Development of soil science in Kinghizistan and its further tasks N. K. Barhenov. Pochvovedenie no 1,135-137 Ja '67

# KIRCHIZISTAN-STATISTICS

Kirghiz S, S. R. TSentral noe statisticheskoe upravlenie.

[Soviet Kirghiz istan for 40 years, 1926-1946; a statisticheskit sbornik, Frunze, Izd-vo Kyrgyzstan,

# KIRGHIZISTAN-TECHNOLOGICAL INNOVATIONS

Kravtsov, V.I. Industrial development and technological progress Razvitic promyshlemosti i technicheskii progress. Frunze, Kirgizskoe gos. Lad-vo, 1663. 26 p.

# KIRGHIZISTAN-TREMOLITE

Metasomatic tremolite i ocks of Balyksuiskoye oi e zone. V A.Khorvat. Nauch trudy TashGU no. 231. Geol. nauki no 20,280-284 '64.

# KIRGHIZISTAN—URANIUM

Uranium in minerals of intrusion rocks in the Kzyl-Ompul Mountains (northern Kirghizia). L. L. Leonova, L. S. Pogiblova, Geokhimiia no, 10 901-906 '61

# KIRGHIZISTAN-WEED CONTROL

Low-volume spraying in chemical weed control. V. Sukhikh. Zashch, rast. 12 no, 1;10 167,

# KIRGHIZISTAN WHEAT FERTILIZERS AND MARCHI

Effect of fertilizers on the development of the Maist . Stanskaya" 128 wheat variety in southern Khylu 138 V,I, Paylinkov. Vost, sol'khoz, and I [Sazakh, ] bu no.1 13-45 Ja 467.

# KIRGHIZISTAN—WHEAT--VARIETILS

Amino acid composition of the grain proteins of the symmetry heat varieties of Kinghezi dan. N. N. Mellikova, B.O. Akhanbaeya, Izv. AN Kh. 55R (19, 247-

# KIROV--WOOD-USING INDUSTRIES

Through the efforts of the collective. A.V.51 cent is Gidroltz i lesokhim, prom. 15 no 5-22 My 5-3.

# KIROV PROVINCE-FOREST PRODUCTS

Unused forest gifts A. Kalsin, Zakup, scPl h = 1 to 8 15 Ag 186

### KIROV PROVINCE-MOTORTRUCKS-MAINTENANT AND REPAIR

Provide motorituel transportation with high test and requirements, P. Smirnov, A. Careviell, Test acl'shoe, 27 no 1,46-50 '67

#### KIROV PROVINCE-STATE FARMS-FINANCI.

Nacessaty profit norms. F.Shingaev. Phoneic  $\Pi_{\rm M}=42$  no.1:72-74 [67.

# KIROVABAD---PUBLIC HEALTH

History of the development of public health in Fir 1941-1965. A. V. Mamedov. Azerb, med. Inc., 13 no. 12 42-47. D 166.

#### KIROVOGRAD-MACHINERY INDUSTRY-MAYAGE -MENT

Development and introduction of the planalmy of a large ganization of labor at Kurnvograd Machiner, Plan M.D. Meshcherskif, "Pekh.i org. prodzy." (no. c. fl. H. 466)

#### KIROVSK-ORE DRESSING PLANTS

Based on ital facts. V. I omova, Part zlu nº no 41

# KISLOVODSK-HEALTH RESORTS, WATERING PLACES,

Leucopenia in manatorium patiento and ito dynam p during the treatment period in Kislovod (k. 28 % Co-skaia: Vopekuro ficioteral lech fizakult di nace, 523-526 '66

# KIZEL BASIN-COAL MINES AND MINING-ACCIDENCE Accidents in the Lenin Coal Mine and the "Kapit in 's Coal Mine No. 33 of the Kizelagol' Trust V. '., 'b a kinski. Bezop, truda v prom. Il no. 1,12-15 (*e)

#### KIZEL BASIN-COAL MINES AND MENING-SAVI 17 MEASORES

water injection into coal seams and its influence of quality. A A Khartonovskii, W. V. Ku, siction. U. 12 no. 165-67. Ja. 167.

# KIZEL BASIN-MINING GEOLOGY

Method of determining probable annual average arrest of mine water according to nurface discharge to the Union in Transportation (1997) and the Committee of th

# KIZIL KUM see Kyzyl Kum

# KLIMENT, Dishop of Sverdlovsk and Kurgan, 1991-

Address of His Holiness Patrlarch Aluks (1 on best of a the prelatic croster on Kliment, Bishop of weathers and Kingan. Zhu, Morik Pate, no.12;24-21 66.

Nomination and consecration of Archimanility Edine ( (Perestink) an Bishop of Sverdlevsk and Kargon. Zhar. Mosk. Patr. no. 12:122-26 166.

# KLYAZ'MA VALLEY-STONE AGE

Statement, L.D. Shorygina. Trudy Kom, chety per. " 226-227 (61.

Sungir' site, its age and place in the Patcollible of Extreme Europe, O. N. Bader Trudy Kong, hetv., co it 122-131 '61.

# KLYUCHI REGION (KAMCHATKA)-PHENOLOGY

Seasonal rhythms of nature in the region of the Miles' of Klyuchi. P. N. D'inkonev. Vop goog Kunnth no. 423-31 166.

# KNEE-WOUNDS AND INJURIES

Regeneration of the synovial membrane of the bart is in-preliminary report. V. V. Gancharenko, Ortogo, in-i protez. 27 no. 12:28-34 D '66.

# KNIT GOODS

Experimental wear of knit underwear. D. P. Simererie Izv. vys. ucheb, zav. ,tekh, leg. prom. no. 6.39-44

# KNITTING MACHINES

Adschelenbogen, A.M., and O.D. Galanina. [Machines and technology of the warp-knifting industry] Mashiny i tekhnologia osnovoviazal'nogo protzvodstva 1zd. 2., percr i dop Moskva, Legkaia industria, 1966–429 p.

#### KNITTING MACHINES-TECHNOLOGICAL INNOVA-TIOUS

Pur you, Emitters Prom Bel 10 no 154-55 Ja *67

#### KNITTING MACHINES-TRANSMISSION DEVICES

Designing a gent transmission between the cylinder and the disk on knutting machines. V.N. Garbaruk, Izv. vys.ucheb.zar..tekh leg prom. no 6,116-122 '66,

# KNOWLEDGE, THEORY OF

Cognition and practice, M. Zlomina, Komm. Ukt. 36

m. 3° or 1 5 '80'.

Tels Bohr and the theory of epistemology G. A. Kutsinov, Prinoda no. 15-10 Ja '67.

Mikolaev, I.J., Smirnov, and I. Turchaninov. [Initial principle of the theory of knowledge] Iskhodnyl printish teorii poznanija.

Tashkent, "Uzbekistan," 1966. 56 p. (CSt-H)

Rebrue, Jaan. [Social characteristics of cognition]
Tunnetuse uhtskondlikust iseloomust Tallinn, Festi
Raumat, 1967—125 p [In Estonian]

Solov'cy, L. IU. [Existentialism and the theory of knowledge] Fkzistentstalism in nauchnoe poznanie, Moskva, Vysshata shkola, 1966, 154 p.

Vodzinskii, E. I. [Russian Neo-Kantlanism in the late 19th and carly 20th century, Marxist-Lenintst eriticism of its ontology and gnoseology] Russkoe neokantianstvo kontst XIX-nachala XX vekov, markistsko-leninskaja Fritika ontologiji gnoseologii [Leningrad] Izd-vo Leningr univ., 1966–77 p

# KOBULADZE, SERGEI SOLOMONOVICH, 1909-

Sarger Kebuladze, E. Perekhov, V mite knig 6 no. 6-

#### KOBYSTAN-GEOLOGY

History of geological development of northcastern Kob-stan in Conomanian and contacten time 11. A. Khilliov Izv. vys ucheb rav , neft'r gaz 8 no 8-12-11 '66

#### KOBYSTAN-PETROLEUM-ANALYSIS

Analysis of Kobystan oils G.G. Ashumov and others Shor trud Az NII NP no 3 18-31 158,

#### KOCHEVO DISTRICT-CRIME PREVENTION

How we prevent criminal offenses, G Shalamov, Sota zukon 48 no 7 68-69 11 *61

# KOEPPEN, WOLFGANG, 1906-

1 dead man reaches for the living, L. Kopeley, Nov. mir 42 no. 7 250-263 Jl 466

# KOKCHETAV PROVINCE-GRAIN-DRYING

At the grain receiving enterprises of Kokchetav and by-1-On da Provinces in Kazakistan, A Manuilov, Mik. -elec. prom. 25 no. 4.21 Ap '60

# KOKCHETAV UPLAND-ZIRCON

I company of caystals of accessory zircon and its use menta lation of granitoids of Kokchetav block Krasifinikova. Min sbor. 20 no. 1:541-546 466

# KOKOVTSOV, MATVEI GRIGOR L.VICH, 1745-1793

A forgotten name, L. II, Svetlov, Von, ist 12 no. 1 215-

# KOLA PENINSULA-LAPPS

Decling places of the Saams (Lapps) on the Kola Penin-sula in the late 19th and early 20th continues, T.V. Luklianchenko, Sov.etn, no.63-16 N-D 466

# KOLA PENINSULA-ROCKS, IGNEOUS

[Gremyakha-Vyrmes Massif in the Kola Peninsula] Massiv Gremiakha - Vyrmes na Kol'skom poluostrove,
[By] A.A. Polkanov i dr. Moskva, Nauka, 1967. 235 p.

# KOLKHIDA LOW LAND-PALEOBOTANY, STRATIGRAPHIC

Third supplement to the Kodor Pliocene flora, A.A. Kolakovskii, Trudy Sukh, bot sada no. 13 33-54 160.

# KOLKHOZES see Collective farms

KOLLI, NIKOLAI DZHEMSOVICH, 1893-1966 Nikolai Dzhemsovich kolli; obituary. Arkhit, SSR. no. 1 63 '67.

### KOLOMNA-GAS TURBINE LOCOMOTIVES-DESIGN AND CONSTRUCTION

At the Kolomna Diese' Locomotive Plant, G. A. Dobrotin, Energemashinostroenie 6 no. 9:43 5 '60,

# KOMANDORSKIYE ISLANDS

Komondorskiye Islands, I.F. Makhorkin, Vop. geog. Kameh. no. 4'3-10 '66

### KOMANDORSKIYE IS LANDS-C LIMATE

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# KOMANDORSKIYE IS LANDS-EARED SEALS

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#### KOMI A.S.S.R. -- AGRICULTURE -- CONGRESSES

Development and the distribution of the productive captety of the Komi A.S.S.R. V.Vasilenko Ekon seltkoz 12 no.1:121-123 '67

#### KOMI A.S.S.R -- COMMUNIST PARTY OF THE SOVIET UNION

District party committees are reporting about their work. Part shigh no. 1.61 F 167

#### KOMI A.S S R -NATURAL RESOURCES-CONGRESSES

Use of the natural resources of the north V.Vitiazeva, G. Parashchenko Vop. ekon. no 1:155-158 Ja 167.

KOMI A.S.S.R.—OIL WELLS—AIR-GAS LIFT Free piston pumping should be used videly. A. Popov Neftianik 11 no 10 26-27 O 466.

#### KOMI A.S.S.R. -PETROLEUM PRODUCTION

Introducing scientific labor organization into Ulhta Combine E. Viktorovich, Neftionik 11 no 10 28-30 O 166

#### KOMI A.S.S.R -WOMEN

[About our women] O nashikh zhenshchinakh, [Syktyvkar] Komi kuizhnoe izu-vo, 1986, 157 p. (NIC)

#### KOMSOMOL'SK (UKRAINE)-BLAST DFFECT

Results of studies on reducing seismic effect of largescale blasting. N. U. Turnto and others. V21yv, delo no.61/81:101-109  $^{-1}66$ 

# KONCHALOVSKII, PETR PETROVICH, 1876-1956

Lessons in P. Konchalovskil's creative work. M. Nelman. Iskussivo 29 no. 12 36-40 166

# KONI, ANATOLII FEDOROVICH, 1844-1927

Shadows come to life, E. Ginzburg, Nov. mir 42 no. 7 257-260 Jl '66

#### KONKA VALLEY—ROCKS, IGNEOUS

Pre-Cambrian voicanic formations in the Kenks region of the Uhrainian Crystalline Shield V D Ladlieva Geof zhur. 21 no 2 41-51 161

# KOPEL'MAN, SOLOMON LAZAREVICH, 1887-1966

Solomon Lozarcvich Kopel'man, an obituary. Vest. rent.

#### KOPEYSK (CHELYABINSK PROVINCE)-COAL PREP-ARATION PLANTS-EQUIPMENT AND SUPPLIES

Testing the operation of pneumatic separators in Kopeysk Pneumatic One-Dressing Plant. R.P. Moskovenko. Irv.vys.ucheb.zav., gor.zhut. 10 no.1:167-171 167.

# KOPPERLYA VALLEY -- CAVES

Karst bridge in the Kopperlya Valley, I.A. Pecherkin. Peshchery no 2 67-69 '62

# KOPPERLYA VALLEY-KARST

Karat bridge in the Kopperlya Valley, I.A. Pecherkin Peshebery no. 2:67-69 162.

KORCZAK, JANUSZ, pseud. see Goldszmit, Hemyk, 1878-1942

# KOREA, NORTH-ECONOMIC CONDITIONS

Labor achtevements. D. Beneslavskii. Merhdunar, rhizp! 14 no. 2:128-129 167.

# KOREA, NORTH-ROCKS, SEDIMENTARY

Laboratory evaluation of usefulness of sedimentary rocks of North Korea for pateomagnetic studies G. Z. Gurarii and others, Izv. AN SSSR Fiz. zen., no 11:128-135 166

# KOREAN DIPLOMATS see Diplomats, Korean

# KOROSTEN' DISTRICT-EARTH TEMPERATURE

Study of paleotemperatures of formation of granifolds in Koroston' pluton, E. P. Ciurov, E. IA. Marchenko – Izv. AN SSR, Ser, geof – no, 1:83-87 Ja '67.

# KOROSTEN' DISTRICT-GRANITE

Study of paleotemperatures of formation of granitoids in Kotosten' pluton. E. P. Gurov, E. IA, Marchenko, Izv. AN SSSR, Ser, geol. no. 183-87 Ja 187.

# KORSAKOFF'S SYNDROME

Characteristics of fixed attitude in Konsakoff's syndrome patients. B. I. Hezhanishvill. Soob. AN Chuz. SSR 44 no. 3;633-838 D '66.

\$ S Korsakoff's amentia and current viewpoint as to the nature of schrzophrenia, I F, Siuchevskii [Trudy] GIDUV no. 1 6-11 62,

# KORYAK NATIONAL AREA—TAPEWORMS

Occurrence of alveolar echinococcosis among the population of the Koryak National Area, V.E Kutmakov Vop geog Kamah, no. 4 119-121 166

#### KORYAK RANGE-GEOLOGY

Egiazarov, B. Kh., and others [Geology and minerals of the Koi yak Highland] Geologia i poleznye iskopaemye Koriakskogo nagor'ia, Leningrad, Nedia, 1935—311 5 had a maps, insert (Leningrad Nauchno-issledovatel'skii institut geologii Arktiki Trudy, vol 148)

# KORYAK RANGE-MINES AND MINERAL RESOURCES

Egiazarov, B. Kh., and others [Geology and miner als of the Koryak Highland] Geologita i poleznye tskopaemye Koriakskogo nagor'ia Leningrad, Nedra, 1965 341 p. charts, maps, insort. (Leningrad Nauchno-issiedovatel'skii institut geologii Artiki Trudy, vol 148)

# KORYUKOVKA REGION (UKRAINE)-PAPERMAKING

Picetices in feeding cotton to calender rolls at the Loryu-kovka Pactory of Technical Paper S M Zadniprovs'kyi Lis hosp , lis., pap.i der prom no 1 30-31 Ja-F 167

# KOS-ANATOLISKII, ANATOLII IOSIPOVICH, 1909-

Volyns'kyl, I. Z. [Anatolii Iosipovich Kos-Anatol'skli, a sketch of his life and work] Anatolii Iosypovych Kos-Anatol's'kyi, narys pro zhyttia i tvorchist'. Kyiv, Mystetstvo, 1965. 74 p Mystetstvo, 1 (CaOTU)

KOSTOMAROV, GRIGORII DEMENT'EVICH, 1886-Brief news Vop. 18t, KPSS II no. 2:156-158 F 167.

#### KOSTROMA PROVINCE-AGRICULTURE

Skillful management Part, zhizni no 4:61-62 F 167.

KOTOVSKII, GRIGORII IVANOVICH, 1881-1925 Legendary here. Voen, vest, 41 no.6:123 Je '61

# KOTSIUBYNS'KYI, MYKHAILO, 1864-1913—LANGUAGE

Moldavian everyday vocabulary in the stories of M. M. Kotsubyn-'kyi I. I Oshchypko Leksykol, ta leksykog no 2:95-105 '66.

# KOTUR-TEPE OIL FIELD-GAS, NATURAL-PIPELINES

Gathering of casing head gas in Kotur-Pope oil field, Furkinen S. S. R. P. D. Parakanov, Gaz, prom. 11 no. 12-9-11 '66

# KOTUR-TEPE OIL FIELD-GAS, NATURAL-SEPARA-

Cathering of easing head gas in Kotur-Tepe oil field, furkmen S. S. R. P. D. Tarakanov, Gaz. prom. 11 no 12 9-11 168.

# KOTZEBUE, OTTO VON, 1787-1846

O. F. Katzebue's voyages count the world and their importance for the geographical science. V. A. Csakov Trudy Just list est i tekh. 12 130-150 '62.

# KOVALEVSKII, MAKSIM MAKSIMOVICH, 1851-1916

KOVAL'SKII, ALEKSANDR ALEKSEEVICH, 1906-

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KOZLOVSKII, MECHISLAV IUR'EVICH, 1876-1927 Carry history of Soviet criminal law. V. Ivanov. Sov. lust. 31 no. 3;11-13 F 467.

# KRAMAROV, VLADIMIR SAVICH, 1906-

60th bit thday of Corresponding Member of the All-Union Academy of Agricultural Sciences Vindimir Savich Kramarov. V Gubbe. Vest.sel'khoz.nauki 11 no 12; 127-128 D '66.

# KRAMATORSK-DRUGSTORES

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#### KRAMATORSK—MACHINERY INDUSTRY—MANAGE -MENT

Principal trends of work. B.Semenov. Sots.tud. 12 no.2;81-83 F 67.

KRASILINIKOV, PAVEL ALEKSANDROVICH, 1902-1966 P. A. Krasilinikov; obituary. Prom. stroi. 44 no. 12.

# KRASIN, LEONID BORISOVICH, 1870-1026

People's Commissar Krasin's note Vnesh, torg 46 no 11:4-6 | 66.

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#### KRASNODAR TERRITORY-CUCUMBERS

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#### KR ASNODAR TERRITORY—DISPENSARIES

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# KRASNODAR TERRITORY-GRAIN

Vorob'ev, G.I. [Economics and organization of grain production] Ekonomika I organizatsiia proizvodstva serna. Moskva, Kolos, 1965. 219 p.

# KRASNODAR TERRITORY-LEUKEMIA

Organization of local hematologic aid and dispensary service for patients with leukemia V. N. Lebedev and others. Probl. gemat. i.perel. Provi. 10, no. 12, 50-53.

#### KRASNODAR TERRITORY-OIL WELLS-HYDRAULIC FRACTURING

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#### KRASNODAR TERRITORY-PLASMODIUM

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### KRASNOGRAD DISTRICT-CIVIL DEFENSE-STUDY AND TEACHING

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### KRASNOGVARDEYSKIY DISTRICT (BELGOROD PROV-INCE)-SWINE-FEEDING AND FEEDS

vine fattening on an industrial basis. IA Konstantinov. Zakup selikhoz, prod no. 8,35-36 Ag '66

# KRASNOYARSK—BOOKSTORES

These are people's stores, S. Paichadze, Knizh, torg, 17 no 11 22 N '66

# KRASNOYARSK HYDROELECTRIC POWER STATION

Smooth blasting in building Krasnoyarsk Hydroelectric Power Station A. A. Feshchenko, Vzryv.delo no. 61/81; 21-34 '66

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# KRASNOYARSK TERRITORY—BITUMEN—GEOLOGY

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# KRASNOYARSK TERRITORY—COMMUNET PARTY OF THE SOVIET UNION—PARTY WORK

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# KRASNOYARSK TERRITORY—DIKES (GEOLOGY)

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#### KRASNOYARSK TERRITORY--HUMUS

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#### KREMENCHUG REGION-IRON SILICATES

Tectogenesia and volcaniam as main factors in the formation of Proterozoic mon-silicate layers in the Kremenchug mon-ore region. I N Bordunov. Geol zhur. 21 no. 2.25-40 [6]

#### KREMENCHUG REGION-TUFFITES

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#### KREMLIN see subdivision under Moscow

# KREUTZWALD, FRIEDRICH REINHOLD, 1803-1882

Annist, August. [Ot igin and artistic peculiarities of Friedrich Reinhold Kreutzwald's falty tales] Friedrich Reinhold Kreutzwaldi muinasjuttude algupara ja kunsti-line laad Tallum, Eesti Raamat, 1966 449 p. [In Es 449 p. (In Estonian]

#### KRIVOY ROG BASIN-BARITE

Morphology of inclusions and defects of harite crystals from Krivoy Rog Basm E. P. Rybrehok, N. I. Korobko, Min sbor 20 no. 44605-697 466

# KRIVOY ROG BASIN—ELECTRIC LOCOMOTIVES— DESIGN AND CONSTRUCTION

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# KRIVOY ROG BASIN-GEOLOGY, STRUCTURAL

Magnetic field and structure of the Nikopol'-Kryvoy Rog legion, N. P. Mikhailova, Geol. zhu: 19 no 6 44-93

# KRIVOY ROG BASIN-IRON MINES AND MINING

Influence of large-scale caying of hanging side : ocks on mining operations D.Z.Shish, C.S.Shkrebko, Irv. vys.ucheb zav.; gor.zhur. 10 no.1:10-13 '67

### KRIVOY ROG BASIN—IRON MINES AND MINING-EQUIPMENT AND SUPPLIES

Equipment for the mouths of inclined shafts in the Krivoy Rog Basin I D Shtefan, Shakht, stroi, 5 no. 11.20-22 N *61.

# KRIVOY ROG BASIN—HON ORES

influence of the type of lime additives upon flocculating action of polyaciylamide. G. B. Delitayna, Izv. vys ucheb. zav , gor. zhur. 8 no. 9,175-178 165.

# KRIVOY ROG BASIN—IRON ORES—SAMPLING AND

ESTIMATION

Reliability of explored reserves of iron-ore deposits of the Saksagan' belt. S. M. Selektor. Razved, 1 okli, ned: 25 no. 8:16-23 Ag '60.

# KRIVOY ROG BASIN—LOGGING (GEOLOGY)

Using combined logging methods in prospecting for iron ores in the Krivoy Rog Basin. IE, Dushko, Z. II. Muromtseva, S. S. TSyul'nikova. Geol. zhu: 21 no. 2-89-

### KRIVOY ROG BASIN—MINE RAILROADS—ELECTRIFICA-TION

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#### KRIVOY ROG BASIN-ORE DRESSING

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#### KRIVOY ROG BASIN-ORL DRESSING PLANTS 1941F-MENT AND SUPPLIES

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# KRIVOY ROG BASIN-ROCKS-ELASTIC PROPERTY

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# KRIVOY ROG BASIN-SHAFT SINKING

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# KRIVOY ROG BASIN-SINTERING

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# KRIVOY ROG BASIN—STRIP MINING—COSTS

Conditions of mining operations in deep open self to be with use of high benches - V. G. Sellanin, M. S. Cook, and S. A. Bonda, b. Liv. vys. acheb. znv.; gov., har. - 18, n.; l

#### KRIVOY ROG BASIN—STRIP MINING—EQUIPMEGI AND SUPPLIES

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# KRIVOY ROO BASIN-STRIP MINING-SAFITLY NO VI-

An efficient method of using trotyl and multiplicity Krivoy Rog Basin - I. Kolembehenko, 10,8, Mrt i Vziyy, delo - no, 60/17/205-209/166,

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# KHOPOTKIN, PETR ALEKSEEVICH, 1042-1931

P. A. Kropotkin, on the 10th universary of life death 1A, F. Antoshko, Vest, Mosk, in Sci 5 (leop 16 no. 1698 10 Jac F 16)

P.A. Ki opotkin on the origin of boulders. N. P.L.T. cet Frudy limit ist est i tekh 12 195-211 462

# KRUCHINA VALIDY-CIRQUES (GEOLOGY)

Genesis and development of cirques in central franchists. Ha. V.P. Fedorov. Vent, Mosk un. Ser. St. Gr. 8 no. 1,60 d2 fa-p. 161.

# KRUGLIAK, ARON ISAEVICH, d.1960

A. I. Kruglick; obituary, Muk, -clev, prom. 26 no. 1-31 Mr. 160

# KRUPSKAIA, NADEZHDA KONSTANTINOVNA, 1869 1572 Prom N. R. Krupakain's Hierary legacy Nov tall no 10-270-271 O 162

How I became a Marxist, N. Krupskain, V mite Frig 6 no. 614-6 Je '66.

A letter found by a pedagogical club. V. Petrev. No. obt. no. 2:82 P 467.

A new document of N. K. Krupakaia, A. Rymakos, S. 12-1 nov. Nar., obt. no. 2001 P 267

# KRYLOV, IVAN ANDREEVICH, 1768-1844

Sergeev, I.V. Krylov. Monkva, Detakala litera, 1908. 317 p. (Shkol nala bibliotoka) (FTaSU)

# KRYMSHAMKHALOV, KHAMZA'F

Singing stones. Aleksandra Pistunova. Mol. kolumbino, 4:106-108 | 166.

# KUBA DISTRICT-WEATHER

Climatic characteristics of the Kuba-Khachmas Massif in terms of the weather V. M. Pykhtunova. Truty lest geog. AN Azerb SSR 9:50-82 '60,

# KUBAN-AGRICULTURAL ENGINEERING

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# KUDAN-CORN (MAIZE)

Two harvests a year in the Kuban. E. D. Rudney. Zer-ledoffe 8 no. 4:60-70 Ap '00,

#### KUBAN-CORN (MAIZE)-FERTILIZERS AND MANURES

Ternizers for irrigated corn in Krasnoda: Territory, I. F. Firmov, F. S. Velichio, S. V. Lyskina – Doki Akad Scilling and no 044-15 S. 466

#### KUBAN-DISCRIPTION AND TRAVEL

Goichakov, V.A. [Thi ough the Don Valley and the Kuban] Pe Donu I Kubani, Leningrad, Khudozhnik RSFSR, 1965, 35 p. (MH)

#### KURAN-OLL WELL DRILLING

Russian heroes, P. Frolov, Neftianik II no 9:19-22 \$ 456,

#### KUDAN-SWINE BREEDING

Crossing North Caucasian and Landras swine. G. M. Birhov, Vest, sel'khoz, nauki Il no, lilli-lib '66

#### KUBAN-WHEAT BREEDING

Results and methods of breeding winger wheat in the Ruban, L.L.Vasilenko Vest, sel'khoz, nauki II no, li-115-118 '65,

## KUCHURGUN VALLLY—GEOMORPHOLOGY

Geomorphology of Kuchurgan Valley in Frunzovka-Limanskoye portion – P. D. Bukatchuk, B. V. Burdenko, D.kl. AN 855R - 172 no. 1/663-664 Ja. /67

## KUDHIN, IVAN SERGEEVICH, 1906-

Ivan Sergeovich Kudrin; on his 60th birthday. Arkb. unt., gist, i embr. 31 no. 12:101-102 D 466.

## KUNDZIII', ARKHIP IVANOVEH, 1842-1910

Koniakhin, G. P. A. I. Kuindzhi, Moskva, Iskusstvo, 1956, 192 p.

KUIŁBAKIN, VIKTOR SERGEEVICH, 1891-Academictas V S Kufebakin, on his 75th blithday - Izz. AN 555R, Frieng, i transp. - no. 6.3-4 - N-D 466

## KULICY, KAISYN, 1917-

Monty voice 11. Korzhavin Nov mir 38 no. 10:231-233 0 102

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## KUMA VALIEY —SOIL MOISTURE

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# RUMDAG REGION (TURKMENISTAN)--PETROLEUM

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# KUNFFSYN, ALEEKSANDR PETROVICH, 1783-1840

to the teachers who guarded our youth, . . (to be concluded) A. Gessen, Semin I shkola 22 no.1:90-51 in 167.

## KUPREVEH, VABILH FEOFILOVICH, 1807-

Vanilii Feofilovich Kuprevich; on his 70th birthday. Vestsi AN PSSR, ber, bilal, nav. no. 1:5-16 67.

## KUHA LOW LAND-PETROLEUM GEO LOGY

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Compound verbs in Kurdish; compound-nominal struc-tures, IU IU. Avaliani Trudy UzGU 95 137-150 159.

Specifying the conception of the passive-objective conjugation in the northern dialects of the Kurdish (Kurmanji) language. I. I. TSukorman Palest abov. no.15:197-

Critical review of the version of the Turanian-Turkic ori-gin of the Kurds. G. B. Akopov. Vest, obshehestv. nauk AN Arm. SSR no. 4:25-43 Ap 166.

## KUREYKA VALLEY—BITUMEN—GEOLOGY

BUILEX KA VALLEX.—BITUMEN—GEOLOGY
Bitumen manifestations in carbonate concretions of graptolite layers in Kureyka River, T. K. Bazhenova, S. A.
Kashchenko, V. G. Matukhina, Dokt. AN SSSR 167 no. 2:
420-422 Mr 106.

## KURGAN PROVINCE-CHOREA

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[Porest entomofauna of the Kurile Islands, Kamchatka Peninsula and Magadan Province | Entomofauna lesov Kuril'skikh ostrovov, poluostrova Kamchaiki, Magadan-skul oblasti. Moskva, Nauka, 1966 137 p.

# KURILE ISLANDS-GEOLOGY, STRUCTURAL

Goi lachey, A.V. [Basic characteristics of tectonic development of the Kurile-Karnelmika zone] Osnovnye zakonomernosti tel tomeheskogo razvitija Kurilo-Kamehat-skoi zony Moskva, Nauka, 1966 234 p

#### KURILE ISLANDS—VOLCANOES

Erilkh, E.N., ed. [Goochemistry of the Cenozoic Kurlle-Kamchatka volcanic region] Petrokhimila kainozoiskoi Kurllo-Kamchatskoi vulkanicheskoi provintsii. Moskva, Nauka, 1966, 276 p.

#### KURSK MAGNETIC ANOMLAY-IRON ORES-SAMPLING AND ESTIMATION

Averaging it on ores in Lebedi deposit strip mines of the Kursk Magnetic Anomaly V. N. Zaratskii, IU. S. Shehekin. Ev vva ucheb. zav.; gor. zhar. 10 ... 1:55-58 '67

# KURSK MAGNETIC ANOMALY—MINE DRAINAGE— EQUIPMENT AND SUPPLIES

Structure of filter cones in drainage boreholes and open filters. V M Gavrilko, V V Safonov, V E, Ampilov Shakht, strot. 10 no 12 7-11 D 166.

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## KUSTANAY PROVINCE—WHEAT

Spelt, Its economic importance and basic problems of cultivation practices in southern Chemozenns of kustanay Province, A.V. Artushenko, Vest selthoz, neuki (Kazekh.) 10 no.1 37-42 Ja 167.

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From the work practices of the Kuybyshev Oil Combine, T.I Motoya Masl, Ahi, prom 32 no 11 45 N '66

KUYBYSHEV HYDROELECTRIC POWER STATION see Volga Hydroelectric Power Station (Lenin)

## KUYBYSHEV PROVINCE—BIOGRAPHY

[Everything for the people; stories about the delegates to the 23d Congress of the CPSU] Vso - Huddam, rassvazy o delegatakh XXIII s"ezda KPSS. [Kuibyshev] Kuibyshevskoc knizhnoc izd-vo, 1966. 140 p. (CSt-H)

# KUYBYSHEV PROVINCE-BUILDING INSPECTORS Public inspectors are an important force, K. IAkovlev. Na stroi Ros. 4 no. 9 4-6 S 163

# KUYBYSHEV PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

A review of visual propaganda in the province. Aguator 34 no 1 64 F | 67.

A review of visual propaganda in the province, Part, vhizn' no 3:60 °C '67.

# KUYBYSHEV PROVINCE-PETROLEUM GEOLOGY Genesis of oil of the coal-bearing layer in the Volga Valley portion of Kuybyshev, L.V. Tokatev. Biul. MOIP, Old. geol. 38 no. 5:146-147 S-O '61.

KUYBYSHEV PROVINCE-TEACHERS, TRAINING OF Praining the teachers of industrial education in Kusbyshey Province, I. M. Goncherov, P. V. Zudin, V. M. Medvedev, Shkota i proizv, 10 no.10 76-78 O '66

## KUYBYSHEV RESERVOR-BREAM

Results of bream tagging in Kuybyshev Reservoir. 1.V. Sharonov. Trudy inst, biol, vautr. vod. no. 10.255-260 186.

#### KUYÐYSHEV RESERVOR-FISH POPULATIONS

Changes in fish population composition of Suskan Bay of Duybyshev Reservoir. I V Sharonov. Trudy Inst. biol mutr vod. no.10 207-224 '66.

#### KUYBYSHEV RESERVOR-FISHES

Growth of young fish in Kuybyshev Reservoir in 1960-1962, V. M. Chikova, Trud. Inst. tiol, wnutr. vol. no 10 153-102 '66,

State of snawning stock and fish reproduction in Cherem shin and Suskan Bays of Kuybysho: Reservoir. V. M. Chikova Trud, Inst. biol. vant., vod no 10 29-45 466.

#### KUYBYSHEV RESERVOR-STURGEONS

Some characteristics of sterlet biology in Kuybyshev Reservoit, I.K. Boldina Trudy Inst biol., viniti vod no 10 119-130 168,

## KUYTUN DISTRICT-FARM MANAGEMENT

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Boudings structure m ore zone rocks of the Khayled iron ore deposit. IU. V. Indukaev. Trick TGU 161-21-27 '63.

### KUZNETSK ALATAU-GOLD ORES

Genetic types and formations of gold mineralization in Kuznetsk Alatau and Salair. A.IA. Bul, nnikov. Trudy TGU 164 75-85 '63

#### KUZNETSK ALATAU-MAGNETITE

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#### KUZNETSK ALATAU—ORE DEPOSITS

Cutain features of gold mineralization in Kommunar of e deposit area and magnetite of "Kahostrovskiy" deposit. A.IA. Bolynnikov, V.N. Seiglev. Trud, TG11 164 86-104 163.

Muscralogy of scapolite-amphibole metasomatites from the central part of the ore zone in Khayleol iron ore deposit. IU. V. Indukaev. Trudy TGU 164,28-45 '63 Sphene in skarn it on ore mineralization of Izhmorskit Magnetic Anomalies (Kuznetsk Alatau). L. P. Kepylova, Trudy TGU 164-69-74 '63.

KUZNETSK ALATAU—QUARTZITE Secondary quartzites, B, M, Tiuliupo, Trudy TGU 164: 11-15 '63,

# KUZNETSK BASIN—COAL MINES AND MINING— EQUIPMENT AND SUPPLIES

Electric saws for cutting EPMG-1 metal. B. M. Ivanov Bezop truda v prom 11 no 153-54 Ja 167.

# KUZNETSK BASIN—COAL MINES AND MINING—FIRES AND FIRE PREVENTION

Using chloride clay pasts for preventing spontaneous combustion of coal D.T. Golbachev and others. Bezop.truda v prom. 11 no.1-31-33 Ja ¹67

### KUZNETSK BASIN-COAL MINES AND MINING-RE-SEARCH

School of Higher Learning to industry B. A. Rudnev Izv.vys ucheb zav ; gor zhur. 10 no.1;172-174 67.

#### KUZNETSK BASIN-COAL MINES AND MINING-SAFETY MEASURES

Influence of the wetting of a coal massif on its stressed state V I, Murashiv, Ugol' 42 no 158-80 Ja '67 Was king of electric detonators in Kuznetsk Bosin coal mines. A.S. Litvinenko, M. K. IAkunin, I G. Koney. Bezop tuda v prom. II no. 133-34 Ja '67.

Reliability of control and signal systems in automated mine installations. L. IA, Gimel'shem, B. S. Nikeshin lzv vya, ucheb zav., gor. zhu. 8 no. 9,147-149 165

## KUZNETSK BASIN-COAL MINING MACHINERY-TESTING

Wide and natrow working cutter-loaders used in Kuz-nets! Basin mines. A V. Parshin, A. P Bragin Ugol! Ukr. 7 no. 3 28-30 Mr (63.

## KUZNETSK BASIN—HYDRAULIC MINING

Sinking development workings under conditions of steep layers in the hydraulic sections of the Kuznetsk Basin. V. P. Lavisevich, F. P. Dzhulai Shakht, stroi 5 no 11 22-24 N 161

## KUZNETSK BASIN—MINING GEOLOGY

Pay more attention to mining geology, P.G. Griazev, V.M. Samodutov Razved, i okh nedr 26 no. 3.18-17

## KUZNETSK BASIN—STRIP MINING

Determining the value of the line of resistance along bench hottoms during blasting of column charges in fissured sedimentary rocks, N, IA Repin, M I Poya-pov, Ugol¹ 42 no.1 26-20 Ja ¹⁵⁷.

KUZNETSK BASIN-STRIP MINING (Continued)

Figure or monopressure starting day rocks to unitage of them of them had allo paint seoming G. V. and S. V. P. Bogataret, R. F. Gorin. Upol. 42 no. 180-33. 1, 197.

#### KUZNETSOV, GRIGORII SERGEEVICH, 1896-

Grigoria Scrigeevich Kuznetsov Med 13d II no 12 h8

#### KYMOGRAPHY

Methodology and diagnostic significance of manometry and hymograph, of the spophigus | E in Ventsian, A Grekoner, V I Chispov | Grud khin | 9 no 1,96-102

Physiological enidiac asynchronism | 1 L daznio , IU 1 Musichuk Tigiol zhur 52 no li 1322 1327 N '68

#### KYREIKO, VITALII, 1926-

lEfremova, L. P. ["Forest song, "an opera by V. Kyreiko]
"Lisova pisma", opera V. Kyreika. Kyiv. Mystetstvo,
1965 49 p.
(CAOTU)

## KYZYL KUM-GAS, NATURAL-GEOLOGY

Time of the formation of gas pools in the Kyzyl Kum field and oil pools in the Apsheron sediments of the hum-Dag field A I Stepanov Nauch, tekh shor po dob neftr no 8 19-23 160

## KZYL-ORDA PROVINCE-GRANARIES-VENTILATION

At the grain recovering enterprises of Lokehctay and kz₂1-Orda Provinces in Kazakhstan A Manutlov Muk -clev prom. 46 no 4 24 Ap 460

## LABELING MACHINES

Device for applying labels to a bairel. 1 1. Shabanov Shor.izobr 'ryb prom za 1961 g 66-67

Device for pitting perforated data on labels. I. B. Kalilevich, H. L. Rukhadze, N. O. Arojan. Shor izobi v ryb prom. za 1961 g :71-77.

Kogon, M.G., K.N Svidler, and M.E.Parylis, [Digital control computers for automatic addressing of freight] Upravliaiushchie tsurovye mashiny dlia avtomatiche-skogo adresovanila gruzov Moskva, Mashinostroenie, 1966—152 p.

Labeling machine for variously shaped items for example. square cans B, V, Grachev, A, K, Bobrik, Sbor.izobr vr,b prom. za 1961 g.,78-80.

#### LABOR, COMPLICATED

Characteristics of loss of blood in labor under hot cli-mate of Tajikistan M T Pulatova E D Laptieva Izv Otd biol nauk AN Tadzh SSR no 3 li8-122 '66

LABOR AND LABORING CLASSES (see also subdivision under Burma, France; Islael, Italy, Krasnoyarsk Territory, Poland; Uzbekistan)

Automation of production and the formation of a new Nation for production and the formation of a new type of worker in socialist industry. A, B Musshkin, Nauch, doll vys shroly, files muki. 1 no 1 28-34 '61, Clianged nature of work and the development of the new type of workers, V S, Troitskii. Trudy Itk un. 38 no. 4 99-116 '65

Kehanov, P.I., and others. [Outline history of the working class, 1917-1965, an aid for the teacher] Ocherki istorii rabochego klassa, 1917-1965 gg., posobie dlia uchitelei. Pod red. P.I. Kabanova. Moskva, Prosveschenie, 1966. 317 p (InU)

The Markian criticism of revisionism and the theory of impoverishment V Zhadov. D Tarkovskii Nauch doki vys sholy, evon nauki 4 no 1:158-164 '61

Social structure of the Soviet laboring classes. O. I. Shkaratan Vop files 21 no. 1 28-39 467

Some methodological problems of the sociology of labor L.I. Changii Vop filos, 21 no.117-27 167

Strengthening and developing the alliance of the working class and the peasantry K. Gusev. Ekon. sel'khoz. 4 no.1:16-27 '67

We must systematically fift the rows of the working class V. Sanushev Part, zhizri no 3 49-53 F '67, Workers' collective of an industrial plant, How should it be? V Novikova Part, zhizni no, 3 43-48 F '67,

#### LABOR AND LABORING CLASSES-EDUCATION

Planning for workers! technical training in enterm ises. K. IAnovskii. Sots.trud 12 no.2;133-138 F 167

LABOR AND LABORING CLASSES—STATISTICS Studying the use of time G Prudenskii. Vop ekon no.1:51-58 Ja 67.

Suponitskii, S. A., M. F. Buniaev, and G. N. Pribyleva.

Facts and figures on the condition of the laboring cla
in capitalist countries! Tsifry I fakly o golozheni
rabochego klassa kapitalisticheskikh stran Moskva,
Vysshaia shkola, 1967. 116 p. (V pomoshch' lektoru)

## LABOR AND THE CHURCH see Church and labor

## LABOR DISCIPLINE

The best way to improve socialist democracy. The subject: "Conscientious discipline and socialist organiza-tion of labor." Article 6, IU, Tikhomirov. Agitator 34 no. 3:9-12 F 167.

Recent legislative enactments. Sots, 74kon. no. 2011-18  $\Gamma$  167

What measures should be taken when there is no diser-pline? M Kozhovnikov Agolator 31 no 4 40-12 F

## LABOR LAWS AND LEGISLATION

LABUR LAWS AND LEGISLATION

Aleksandrov, N.G., and G. V. Mutsinov

manual for the students of the faculities of civil and labor
law of people's universities] Trudovce pravo, uchebnoc
posobre dila sinstatelei narednykh universitelov fakul'tetov grazhdauskogo i trudovego zakonodatel'stwa Moskva,
Znanie, 1967—155 p. (Narodnyi universitet Fakul'tet
pravovykh znanii, nos 1/2)

Inswering our readers' questions. Sovilust. 36 no 24;

Consultation on wages, labor norms, and rights of plant, i.ecv, prospecting, and local trade-union committees Rizzed tokh nedr 25 no 3 52-61 M. 160

In the State Committee on Problems of Labor and Wages of the Council of Ministers of the U.S.S.R. and the All-Union Central Council of Trade Unions. Sots And 12 no. 2 116-118 F 167

Let us extend the special rights of volkers who try to raise their qualifications. V Sofier. See just 31 no 3.22  $\,\Gamma$  467.

Out mailbox Sots rakon 38 no. 7 96 Jt 161

Survey of labor legislation. Solutrud. 12 no.1:119-150 Ja '86

Survey of labor legislation. Sots trud. 12 no.2,152  $\Gamma$   $^{6}67.$ 

Wage regulation S.S.Karinskii, Sov profesiozy 21 no 1:44-46 Ja 167

LABOR PARTY (GREAT BRITAIN) see Great Britain-Labor Party

#### LABOR PRODUCTIVITY

Elmi, Uive. [Why we must raise labor productivity] Miks on vaja tooviljakust tosta. Tallinn, Cesti Raamat, 1966. 19 p. (NLKP XXIII kongress otsustas) [In Estonian]

Labor productivity and increasing the efficiency of production S Khejiman Sots trud. 12 no.2;118-126 F '67

Let's make fuller use of production potentials within the industry IA M Kuperman. Stroi, truboploy 6 no. 12 19-21 D '61

Problems of increasing labor productivity in industry. B. Bukhanevich, Plan khor, no 2 64-71 F '67,

Sutanovskii, F.A. [Steady growth of the productivity of social labor under socialism, summary of lectures for economics students of the institute] Neuklonnyi rost preizvodilel'nosti obshchostvennogo truda pri sotsializ-me; konspekt lekisti dlia studentov instituta po politiche-skoi ekonomii Khar'kov, Khar'kovskii imid in-t, 1965.

Utilize the potentialities in industry! Agitator no. 17.3-

#### LABOR REST HOMES

(see also subdivision under Zaporozh'ye Province) The organization of rest for collective farm chairmen and state taum directors. Part zbizn' no. 3.61 F '67

## LABOR SUPPLY

(see also subdivision under Baltic States; Siberta, Eastern)

How unemployment was eliminated in the U. S. S. R. A. S. Sycheva. Vop. ist. 42 no. 1:27-36 Ja 167.

Pashkov, A.S. [Legal regulation of the training and assignments of workers; some problems of theory and practice] Pravovoe regultrovanie podgotovki i nasprede-leniia kadrov, nekotorye vopiosy leolii i praktiki. [Leningrad] Izd-vo Leningr. univ., 1986. 106 p.

## LABOR SUPPLY—RESEARCH

From science to practice. Inform, biul. VDNKII no. 1.34 -36 Ja 167.

## LABORATORY ANIMALS

Noncontact pneumography in small laboratory animals and methodology of determining their pulmonary ventilation. IU, N. Uspenskii, Fiziol, zhur 52 no. 11,1304-

## LABYRINTH (EAR)-INNERVATION

Synaptic mechanisms of vestibulospinal effects on  $\alpha$ motoneurous A. I. Shapovalov, G. G. Kurchavyi, M. P. Strogonova, Fizial zhur, 52 no.12;1401-1409 D 196.

## LABYRINTII (EAR)-SURGERY

Diet for patients following fenestration of the labyrinth A.R. Khanamirov, A.I. Verbenko, Zhur, ush., nos. i gorl. bol 19 no. 4.38-43 Jl-Ag '59.

## LACQUER AND LACQUERING

Coating tanks for drinking water or freshwater with KhS-76 tacquer. IV Puzakov, Ryb, khoz, 43 no 1:37

Synthesis of "blocked" isocyanates and production of single-component polyurethane lacquers on their basis. A.A. Biagonraveva, A.M. Tartskevskaia L. D. Zhid-kova, Lakokras mat. i ikh prim no. 6.1-4 | 166,...

## LACTAMS

Some features of lactam-lactim tautonerism of the drosy = 7 = a, aindoles. L. N. IAkhonlov and other a. 1. AN 555R 172 no.1,118-121 Jo '67.

#### LACTATION

Akademiia nauk SSSR. Institut fiziologii. [Rentels r monal regulation of lactation] Neftu-gormanal (sala regulationia laktaisii Moskva, Nauka, 1916—144 p

Change in the composition of cosmillabetics to single daily milking. L.V. Kulikov. Dokl. Pokita no 45:110-121 50.

Pidrigovich, I. V., and V. V. Racvskata. (Physiological features of farm animals) Interfer self-skokkozitis onykh zhivotnykh. Moskva, Kolos, 1966–201 p. (DNAL)

lactation and the dynamics of internal pist one intended in manes. Rh Dinacinhin, let hel stone in no 11 1 171 1178 N 166

Mill productivity of cown an related to the form of Cudders N. P. Bychkov Dokl. TSKHA no 1911/13

#### LACTIC ACID IN THE BODY

Lifect of lonizing radiation on sugar and lastic as it dynamics in the liver of rate V.A. Koutround at a Radiobiologiia 2 no 4 558-560 162

Garkavenko, N. I., and N.N. Lipatov. [Methoda for re-tinuous crystaffization of lactose in curdled milk with sugar.] Sposob nepreryvnot kristaffizatail laktove v sgushchennom moloke s sakharom. Muskva, 7sfr.11 Pishcheprom, 1905. 23 p.

#### (MICROTHM)

## LADUT'KO, VASILII FEDOROVICII, 1911-1960

Vasilii Peder oylch Ladutko, obtum y - Lorfspren - 13 no 8;28 - 66

LAKES see subdivision under Altai Mountains; toorela White Rungia

#### LAKSMAN, KIRILL GRIGOR'EVICH, 1737-1796

Academician K. G. Lakaman, a Rugalan traveller 27 l mineralogi d of the 18th century. D. I. baltaku, da Min, muz. no 12 80-107 Jul.

## LAMB (MEAT)

Pffect of cottonseed oil and femb fat, subjected teller of processing, on polymeatment of fatty and best in the and tiver of thorotory animals. N. G. Popso, a F. F. Lusteva, M. N. Lumailov, Vop. pit. 25, no. 6, 41, 47. N-D thu.

LAMBLIASIS nee Glandiasis

## LAMBS-PHYSIOLOGY

tfree content in mixed pancreatic and liver julie in the 1 st as related to their age A.V. Packudin Trudy had firle), AN Kezakh SSR 10-71-74-466.

## LAMELLIBRANCHIATA, FOSSIL

(see also subdivision under Kazakhstan; Mobied), Siberta; Soviet Central Asia)

Experience in using diagrams in determining the forms of Creins coars postinida, S. I. Panternak - Good where 21 no 2,101-106 fel.

## LAMINAR FLOW

Propagation of laminar jets of a comprensible field the gradient woll. N. V. Klientov - Incha fig. above 12 and 31-37 Ja '67.

Some general rules governing nonstationary heat transfer during laminar flow of a fluid in a channel, V.D VII skii, Teplofic.vys.temp. 4 no.5:838-815 h D 4.

#### LAMINATED METALS

Preparing bimetals by hot rolling in vacuum.  $V_{\rm e} \sigma \approx n e$ nov and other # Trudy LPI no. 260,22-27 145

## LAMINATED METALS-MAGNETIC PROPERTIES

Laminated superconducting type. V, V, Shaddt. Fig. 1 st. 1 metalloved. 22 no.4:621-622 C)  166 .

LAND see subdivision under Estonia

LAND—ECONOMIC ASPECTS see subdivision under Irkutsk Province

#### LAND TENURE

(see also subdivision under Colombia; Latin Orient, Near East; Terek Valley; Turkestan)

Pershin, P.N. [Agrarian revolution in Russia; a histrri-cal-economic study in two books] Agrarials revolution v Rossii; istoriko-ekonomicheskoe insledovante v doukt knigaki. Moskva, Nauka, 1966. 2 v.

LANDFORMS see subdivision under Caucheus; Sevena_{) a} Zemlya; Ukraine; Ustyuri; Zeravshan Hange region

## Landforms—Classification

Geomorphology of the Kerch Penineula; establishing the genetic classification of relief elements. I. G. Golden, Izv. Krym. otd. Geog. ob-va. no. 6:45-59 101.

#### LANDING OPERATIONS

Airborne landing at a stream crossing. IA, Samodenko, A. PSyganok. Voor rest, 11 no 6 39-11 Je 161

#### LANDRACE SWINE

Cressing North Caucation and Landra's swine. G.M. Barhov. Vest, selfshor, multill no. 18111-116 '96.

IANDSCAPE ARCHITECTURE see subdivision under Doncts Basin, Leningrad

LANDSCAPE GARDENING see subdivision under Abkhazia

LANDSLIDES see subdivision under Ay-Serez Valley, Black Ser region

#### LANGUAGE AND LANGUAGES

Tour communicative systems and four languages. N. L. Zhukin, Publ Old druk, rpukl lange, Mcdf no 17-47 [65]

Microlinguistics, A.G. Volkov, Nauch, dokl, vys, shkoly, mlol nauki 5 no 1989-97 (6)

Remarks on the theory of phrase dogy, formation of phrases and phraseologic ties in languages (L. 1 Ruszencon, RI AI Avaham - Trudy II GH - 95 3-17 - 159

LANGUAGE AND LANGUAGES-BIBLIOGRAPHY see Bibliography--Language and languages

#### LANGUAGE AND LANGUAGES-CLASSIFICATION

I egical characteristics of methods of structural typology A. P. 1 over Vop. inv. no. 1 62-79 Ju-F 167.

#### LANGUAGE AND LANGUAGES -- STUDY AND TEACH+ ING

i ffectiveness of types of control of mastering knowledge in traching the grammar of a toreign language Shatukh. Inozaniola no 6:161-167, 566.

Parakhina, A.V., ed. [Problems of the methods of teach-ing foreign languages in the special secondary schools] Voprosy metodiki prepodavanila inostrannykh iazykov v arednikh spetala l'nykh uchebnykh za vedenliakh, akornik Moskva, 1966 – 72 p

Systematicness, the principle of the intensive teaching of a for eigh language V D Bakulin Inozofilolo no 6/155-160 (66)

1.ANGUAGES, MODERN-STUDY AND TEACHING

for the skillful teaching of foreign languages. F Glushto, Z Broylo, Nar. oh. no. 2 31-34 1 166

#### LANTHANUM OXIDES

Iffect of coloring impurities on the light absorption of lantharmon glass, B. L.Galant, R. I. Vlasova, N. A. Vlastenfino, Opt. - meth. prom. 11 no. 12,44-50 D 466.

#### LAPLACI: TRANSFORMATION

Note on the theory of Laplace transformations, A.A., Stempkovskala, Dit may, 9, no. 12,1671-1676, D. 466

One new method of inversion of I aplace transform and tra application in geophysical prospecting. V. N. Stra-khov, Izz. AN SSSR, Fiz. zem. no. it 68-76, 466.

(see also subdivision under Kola Pentasula)

Last normals of Western Purope, G. I Anokhin, Priroda no 19195 Jr 167

#### LAPTEV SEA----ICE

Role of polynias off edge of shore in hydrological and tee regime in Laptov Sca. V. F. Zaldan ov. Okeano-logita 6 no. 6 1014-1022 166

(see also subdivision under Storogh Valley)

I ffect of the application of mycorrhizal soil on the growth and output of Siberian larch seedlings. I.A. Fedotov. Truty Sm. sell how inst. 15 no. 134-37 [65].

## LAHICHEV, VIKTOR ALEKSEEVICH, 1887-1900

Viktor Alekseevich Larichev; obituary. Teploenergetika 7 no. 0 96 Ag 460,

## LARIN, IVAN VASIL'EVICH, 1903-

Academician of the All-Union Academy of Agricultural Science is Iyan Yasil'evich Larin. A. P. Movsisiants, Vest. 5el'khoz. nauki 11 no. 11:120-121 '66.

## LARVAE --- FISHES

Faceling habits of larvae of pike, bream, and reach, Q L Kudz inskala. Gidrobiol. zhur. 2 no. 6:68-71 166. Paeling habits of larvae of Rutilua rutilus L., Bilcoh bjoet kins L., Louciscus idus L. and Porca fluviatilis L. in Rybinsk Rose voir. D.A. Panov. Trudy Inst. blot. vnutr. vod. no. 10:76-90 166.

Observations on leeding habits of bream larvae in hybinsk Reservoir, D. A. Panov, Trudy lust, biol, vnutr, voil, no. 10-51-75 [66].

#### LAHVAE-INSECTS

Larvae of Hymenopiera parasitizing on nymphs of Eury-gaster integriceps Put. G. A. Viktorov. Zool. zhur. 45 no. 12:1790-1803 '66.

#### LABYNX

Clinical and morphological characteristics of the latus in tuberculosis of the lungs in connection with authocterial drug freatment V O.Olishanskii Zhurush , nos.1 goll.bol 19 no 6 55-62 N-D 159

#### LARYNX-CANCER

Attempt to use electronic digital computers for differential diagnosis of faringual cancer IPS Goriunov PIP Kumu, PIA, Likhtenshtem Sor med 28 no 10 48-50 O 456

Cervical metastases of cancer of the laryny and their treatment by a combined method M.G. Baradulma. Zhur ush , nos 1 gorl bol 19 no 4 62-64 J1-1g 158

#### LARYNX-TUMORS see subdivision under Kiev

Change in current wolting, characteristics of GaAs lasers in transition in our radiation amplification to generation. B.I. Gladkii, D. N. Nasledov, B. V. TSmenkov – Fiz two tela 8 no H;3282-1287 N *66.

Characteristics of difference hequency generation on bases of nonlinear optical effects, V L. Strizhevskii, Zhui priki, spekt. 5 no 5 683-687 N *66

Distribution of the omigen in ruby single crystals grown by the Verneuil method. F. F. Kustor. P. A. Arsen'ev. Irv. vvs ucheb zav., fiz. 9 no.6,152-153 '66 Patigue in fracture of transparent dielectrics. V. A.

Likhaches and others. Fiz.tvc: tela 8 no 11.3132-3434 N '66.

Gas laser as som ce of illumination, I. V. Obremov. Dokl. AN 955R 171 no 6:1305-1308 D '66,

Chan pulses of super-luminescence. V.S. Zucv. V.S. Letokhov, IU V Schatskii. Plat. v red. Zhur eksper i teret fiz 1 no 5 182-185 S 168.
An instrument of amazing possibilities IU. Chubarov. Vurn. znan. 43 no. 136-37 Ja 167

I iquid metal refrectors for lasers. E.G. Berzing, IU.V.Nabolkin. Zhur.prikl.spekt. 5 no 5 592-693

Magneto-optical modulation of infrared radiation from a gas laser. M V Chetkin, V.S. Solomatin Fir tvertela. 8 no 11:3368-3390 N '66.

Multivaried analysis of the formation of the second optical harmonic in a nonlinear crystalline layer, V. F. Marchenko, Opt. i spektr 21 no. 5:592-602 N '66

Passage of light pulse through poplinear absorbing medium, V.S. Zuev, V. A. Sheheglov, Zhur, prikl, spekt, 5 no. 5 604-608 N 166.

Polarization of two-photon of cited anthracene fluorescence, V. Stefanov, P. Simova, P. Kircheva, Pis', vied, Zhur, eksperit con et, fiz. 4 no 9 355-358 N 166

Properties of bleaching filters. B. I. Stepanov, R. K. Lashitskafa, Zhur prikl, spekt. 5 no 5 595-603 N 166.

Regular generation in a ruby optical quantum generator modulated by a difference modulator on a standing ultrasonic wave. I.I.Adrianova, IU.V. Popov, V.E. Terentey, Opt.-mekh, prom. 33 no. 12 13-16 D b6.

Selecting geometrical dimensions of resonator for gas lasers, D.V. Gordeev, F. P. Ostapchenko, V. A. Perebiakin, Zhu. prikl. spekt, 5 no, 5:687-689 N

Self-focusing of powerful light beams related to thermal offects, A.G. Litvak, Pis', v red, Zhur, eksper, l teoret, fiz. 1 no. 9 Jil-345 N '66.

teoret, ii. . no, 5 31-54 N so. Signal evolution in angatively charged antenna pôle under the action of a nonfocused lasts beam, G.A. Askatian and others. Pisty red, Zhur eksper, i teoret, fiz. 1 no 5 177-180 S 166

A 8 hrs noodynchim glass optical quantum generator, M.P. Vannukov and others. Opt. -mekh, prom 33 no. 12:65 D '66.

Some characteristics of matter entering plasma and ev citation of its spectra under laser radiation. A. I. Korunchikov, A. A. IAntovskii, Zhur, prikl, spekt. 5 no. 5;586-594 N 466.

5 no. 5,300-071 N '60.

5 ome models of saturable shutters for lasers. L. N.
Galkim. Zhur, prikl, spekt. 5 no. 5,689-692 N '66.

Space-time separation of light pulses by means of semitransparent marriers. IU I Osh ovskii. Opt. I spektr.
21 no. 5 020-623 N '66.

tudying magnetic field of spark generating in focusing laser radiation, V, V, Koi obkin, R, V Scrov. Pist, v red Zhur, ekspei i teoret, fiz. 1 no. 3 103-106 Ag 156.

Technological use of continuous lasers. V S. Kovalenko.

Tekh, mashinostr. no. 158-61 *66. Technological use of pulsed lasers. S. A. Kartavov. Tekh, mashinostr. no. 1.53-57 *66.

Use of variational methods in studying temperature conditions of active elements in lasers. I. I Kuditashov, B R Belostotskii, N.L. Kudiasheva, Doki AN BSSR 10 pc, 11:835-839 N *56

Width of radiation spectrum of ruby laser with bleaching Hould shutter. S. I. Borovitskii, IU. M. Griaznov, A. A. Chastov. Zhur, prikl, spekt. 5 no. 5-609-613 N tb6.

#### LASERS---NOISE

Limitation of noise in producing thee-dimensional images, A.L. Mikaelian, V.I. Bobrinev, Past, v. red. Zhur, eksper, I teoret fiz. 4 no. 5:172-174 S 166.

#### LATENT HEAT OF EVAPORATION

Investigating the process of heat and mass transfer in the evaporation of a liquid from a free surface in a rate field gas atmosphere. VI Balakhonova Inzh shiz abur 12 no 13-9 Ja '67

Agglomeration of particles in butadiene-styrene latexes
T S Kazakevich and others. Kauch firz 26 no. 19-

Study of the dependence of the properties of porous films made from curbovolated later on the saturation degree of its globules. M.S. Monastyrskin and others, Izv. vy a ucheb zavi, tekh leg prom. no o 57-02 166

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Machining on spinning lathes (N/I) dog  $H^{*}_{\rm BOM}$  , leth a orgonous (no. 6.41-42) N-D (6h

#### LATHES-ATTACHMENTS

Attachment for machining fabricated motal products G. A. Fodorov Mashinostrojtcl' no 1 10 Ja '67

Attachment for rolling thread on automatic multispindle Indics A V Filtmonov, P I, Gorodnov, B, I, Glazyrin Stan Linsti. 38 no. 113-14 Ja. 187

Nev chip breaking mechanisms for lathics. I. K, Zotova, J. S, Shashkin, A S. Gellfond. Vest, mashinosti. 47 no. 1.68-70. Ja. 187.

Upper carriage for turning spherical surfaces E V Ivanov Stan rinstr 37 no 12,36 D 186

Using screened chip breakers on hydrocopying and universal latties. A. M. Levchenko. Tekh mushmostr no. 173-81 166

#### LATIN AMERICA-ECONOMIC POLICY

Doctrine of the economic development of Latin America B (Arosheyskii Mir ekon, I merhdunar, otn. no.) 30-40 167

#### LATIN AMERICA-FOREIGN RELATIONS-UNITED STATES

Aggi essive policy of the United States in Latin America R Leonidov, Mczhdunar zhizni 14 no. 2 73-81 '67,

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#### LATVIA-AGRICULTURE-ECONOMIC ASPECTS

Latvijas Padomju Socialistiskas Republikas Zinatnu akhdemija. Ekonomikas insitusi Economic efficiency of capital investments in agriculture] Kapitalieguldijumu ekonomiska efektivitate lauksaimmiet iba. [By] Akots Brakss un citi Abildugais red L. Lidums. Riga, Brakss un citi Atbildigals red L. Zinatne, 1966, 189 p. [In Latvian]

## LATVIA-BOOKSTORES

Friends of books are getting ready for the big holiday. K Grostins. Knizh.org 18 no 1,32 Ja '67

## LATVIA-CANNING INDUSTRY

Review of the new types of canned food, M.I. Perekokina. Kons i ov. prom. 17 no. 3 45-46 Mi 162

#### LATV IA-CATARRH

Catarrhal diseases of the upper respiratory tract in connection with climatic and meteorological conditions in the Baltic Region M.B. Zabutyi Zhur ush., nos. i goil,bol. 19 no 6 41-44 N-D '59

## LATVIA-CHILDREN IN AGRICULTURE

Protecting the labor of teenagers on state farms.
A. Eistrakh Sots zakon no. 2 54-56 F 167.

## LATVIA—CLIMATOLOGY, MEDICAL

Catarrial diseases of the upper respiratory tract in connection with climatic and meteorological conditions in the Baltic Region M.B. Zabutyi Zhur ush ,nos. 1 gorl. bol 19 no 6 41-44 N-D 159

#### LATVIA--CONSTRUCTION INDUSTRY-TECHNOLOGICAL INNOVATIONS

NNOVATIONS
Storin, E. IA. | Advanced equipment and methods for organizing work in assembly of industrial structures in the Latvian S. S. R. | Progressivnye prisposoblenila i peredovye metody organizatsif rabot na montazie promyshlennykh sooruzhonii Latvilskoi SSR. Riga, Latvilskii respubl, in-t nauchno-tekhn, informatsii i propagandy, 1966, 81 p. (Listok tekhnicheskoi informatsii: Stroitel'stvo i stroitel'nye materialy)

## LATVIA-DANCING-CHILDREN'S DANCES

[I made a wreath] Pinu vainadzinu. [Riga] 1966—168 p. [In Latylan]

#### LATVIA-ELECTION LAW

LATVIA—ELECTION LAW

Latvius S.S.R. Laws, statutes, etc. [Statute on elections to district, city, city district, settlement and village soviets of workers deputies of the Latvian S.S.R. Approved by decree of the Presidium of the Soviet of the Latvian S.S.R., December 5, 1954 With amendments approved by decrees of the Presidium of the Supreme Soviet of the Latvian S.S.R., January 5 and 20, 1959, March 31, 1961, December 27, 1962, January 7, 1963 and January 10, 1967 | Nolfkums part Latvijas PSR rajonu, pilsetu, pilsetu i ijonu, ciematu un elemu dai bal'uzu deputatu pidomju vele sanam Apstiprinats ai Latvijas PSR Augstakas Padomes Picziolija 1954 gada 21 decembra Delietu Ai Latvijas PSR Augstakas Pidomes PSR Augstakas janvara Dekretu apstipi inatiem grozijumiem un papid-dinajumiem Riga, Liesma, 1967 22 p. [In Latvian]

#### LATVIA-ELECTRIC LINES-POLES AND TOWERS

Latvifskii respublikanskii institut nauchno-tekhnicheskoi informatsii i propagandy. Experience in the antiscptic treatment of wooden power line poles in the Latvian electi ic power system, a review) Opyt projiki dereviannykh opoi linii elektroperedachi v Latviiskoi onergosisteme, obzor. [By] V. Garbovskii i dr. Riga, 1966. 38 p.

#### LATVIA-FISHERIES

[Fishery on collective and state farms] Zivkopiba kolhozos un padomju saimniecības. Riga, Liesma, 1966. 198 p. [In Latvian]

#### LATVIA-HAY-STORAGE

latvijas Lauksa inmiecības mehanizācijas un elektritikāci-jas zlīstīniskas petniecības instituts (New machinety for hay storāge) Jaunu tehnologiju sienā sīgatīvosana) Rīga, Latvijas lauksa inniecības zinītniski tehniskas informacijas un propagandas centralais birojs, 1986 3. p [In Latvian] (DNAL)

#### LATVIA—INDUSTRIAL MANAGEMENT

Veinberg, A. [Method of developing scientific labor organization for the industrial enterprises of the Latvian S. S. R.] Metodika razrabotki naucincol organizatsii truda dila promyshlennykh predprilatii Latviiskoi SSR, Riga, Latviiskii respubl, in-t nauchno-tekhn, informatsii i propagandy, 1986. 37 p.

#### LATVIA-LUMBER-DRYING

Mikit, E.A., and IA.V.Stapian. [Drying lumber at caterprises of Latvia, a review] Opyt osushki pilomaterialov na predpriiatifakh Latviiskof SSR, obzot. Riga, Latviiski respubl. in-t nauchno-tekhn, informatsii i propagandy, 1966, 22 p.

## LATVIA-MEAT INDUSTRY

Discussing the work practices of the delivery and receiving of cattle by weight and meat quality D Shumkov,
A Begatvrev Mass and SSSR 38 no 1-37-40 Ja 167

### LATVIA-PETROLEUM GEOLOGY

New data on Cambrian and Ordovician petroleum occur-rences in Kulduga area, Latvian S S R V IA Kaipit-sku, Geol, neffi i gaza 10 no 12 41-45 D '66.

#### LATVIA-PHYSICAL EDUCATION AND TRAINING

[20 years of the Latvian State Institute of Physical Culzvycki a ot the Latvian state institute of Physical Cur-ture] Latvijas Valsts fiziskas kulturas institutam 20 gadi Latviiskomu gosudarstvennomu institutu fizi-cheskoi kul'tur y 20 let. Riga, Zvaigzne, 1966 1 v. (chiefly illus.) [Parallel texts in Latvian and Russian]

#### LATVIA-SERVICE INDUSTRIES-EQUIPMENT AND SUPPLIES

The service industry and the supply of materials and equipment. F Usachev Mat, tekh snabzh. 1 no. 4 32-34 O '86

## LATVIA-SOCIAL LIFE AND CUSTOMS

Formation of new customs and ceremonies in the life of the collective farmers in Latvia L. N. Terentieva, Sov. etn. no 2 24-40 Mir-Ap 161,

## LATVIA-TOOL AND DIE INDUSTRY

On instrument trade, V. Antonov, Mat, -tekh, anabzh, 1 no, 4-35-36 Q 168,

LATVIA-TOOL AND DIE INDUSTRY-MANAGEMENT LATYIA—IDGI, AND DIE INDUSTRY—MANAMEMENT Birlin, B.v., [Organization of tool production in the enterprises of the Latvian S.S.R.; a survey] Organi-zatsita instrumental'nogo protevotatva na predprita-titakh Latvitskoi SSR; obzor. Riga, Latvitskii respubl. in-t nauchno-tekhn, informatsii i propagandy, 1966.

### LATVIAN LANGUAGE

Latvijas Padomju Socialistiskas Republikas Zinatnu aka-demija. Valodas un literaturas instituts. Valodas kul-turas grupa. [Culturat problems of the Latvian lan-guage] Latviesu valodas kulturas pautajumi; rakstu kra-jums. [2. laidiens] Riga, Liesma, 1066. 141 p. [In Latvian]

LAUMONTIFE see subdivision under Gornaya Shoriya

#### LAUNDRY MACHINERY

Machinery for laundries, I. Makhnovskii Inform, binl VDNKH no 147-49 Ja ¹67,

[Sovict equipment for laundly plants] Otechestvennoe oborudovanie dlia fabrik-prachechnykh, [By] V.A. Minaev-Tšikanovskii i dr. Moskva, Nilinformats-Hstroidorkonmunmash, 1965. Ill p. (Serlia 3 Mashiny i oborudovanie dlia kommunalinogo khoziaistva)

#### LAUREL see subdivision under Alikhazia

One case of secondary magnetization in modified lava III P. Skororodkin Try AN SSSR Fig. zem. no 12 88-91 100

I ectures of Soviet lawyers out add the U.S.S R I P. Sov gos I prave no 1113 Ia '67

New lasts and regulations enacted by the ministries and governmental igencies of the U S 5 R, and the Union Republics Sots zakon 38 no 7 84-86 JL 161 On "Chonicle of legal events" Sots, zakon 38 no 7 87 J1 161

Strakhov, N.N. [Origin of state and law, summary of lectin es] Vorniknovenie gosudarstva i prava, konspekt lektsli. Khar'kov, khar'kovskii iurid, in-t, 1965. 44 p. (Na pravakh rukopisi) (CSt-H)

Svoi dlovskii [m; idicheskii institut. [An aid to the students of the People's Law University] V pomoshch' stushateliam Narodnogo universiteta pravovykli znanli. Svoidlovsk, Stedne-Ural'skoe knizhnoe izd-vo, 1964. 147 p.

#### LAW-BIBLIOGRAPHY see Bibliography-Law

#### LAW-CASES

[Bulletin of the Supreme Court of the R. S. F.S. R. ] Diul. Verkh, Suda RSFSIt no. 2 '67.

Now public prosecutors supervise the observance of laws Sots, zakon, no. 2.85-88 F 167.

How the public prosecutors of the U.S.S.R. supervise the observance of laws. Sots rakon. 38 no 7.89-90. Jt. 61 Judicial practice Sots zakon 38 no. 7 88 Jl 161

#### LAW-HANDBOOKS, MANUALS, ETC.

[Legal handbook, an aid to the public-spirited worker] | Uridicheskif sp. avochnik; v pomoslich obshchestven-niku, Tashkent, "Uzbekistan," 1965. 224 p. niku, Tashi (CSt-H)

#### LAW--PERIODICALS

Conferences of our readers Soy just. 30 no.21:25

The 50th anniversary of the periodical "Sovetskaia justifyia." Soly žakon no. 2,47 F '67.

#### LAW-PHILOSOPHY

Khar'kovskii iui dicheskii insiitut. Kafedra teorii gosudarsiva i prava. Legal relations, a summary of lectures Pravovyc otnosheniia, konspukt lekteli Khar'kov. 1965, 51 p. (CSI-II)

#### LAW--PSYCHOLOGY

the role of legal consciousness and public opinion in the imposition of penalty, G.Z. Anashkin, Soy, gos, i pravo no 1 12-18 Ja '67,

### LAW-STUDY AND TEACHING

For an effective popularization of Soviet laws, M. Katsuk Sots zakon, 38 no 7 20-23 J1 161

Sots Zakon, 38 no 1 20-23 31 11 <u>Gabrichidze, B.N. and I.F.Riabko.</u> [Locat sovicts and the inculcation of the socialist understanding of law in workers] Mestnye Sovety I vospitante sotsialistiche-skogo pravosoznania trudiashchikhsia. [Rostov-na-Donu] Izd-vo Rostovskogo univ., 1964, 74 p.

Interrelationship of components in lawn grasses. M. U. Smol'ski, L. A. Khyl'chyk. Vestsi AN BSSR, Ser. bital nav. no. 3;35-39 '66.

#### LAWYERS

(see also subdivision under Congo, Brazzaville)

Practicing lawyers as representatives of injured persons. IU. Stetsovskii. Sov.iust. 30 no.2417-18 D '66.

We appeal to you, young lawyers! Sots. zakon, no. 2:3-8

## LAYING-OUT (MACHINE-SHOP PRACTICE)

Overall mechanization of the layout and storage shop for sheet metals. E. I. Podzolkina Blul, tekh. -ekon. inform Gos nauch. -issl. inst, nauch. i tekh inform 19 no 11 26-27 N 168.

## LAZAREV REGION, ANTARCTICA-PENGUINS

An attempt of Adolie penguins to hatch their young on the icoherg. L I, Dubrovin. Inform, blul. Sov. antark. eksp. no. 29 61-62 '81

#### LAZABEV REGION, ANTARCTICA-5TORMS

"Transpirent" storm. III \ Kinchhim - Inform () Sov antick eksp. no. 28 46 47 *61.

## LAZAREV SHELF ICE-SEDIMENTS (GPO1 OGY)

Find of marine rediments on the surface of the Paralles Shelf Ice P S Voronov, III. A Kruchinin Interna-bull Sov antack eksp., no 29 27-26, ful

#### LAZAREV STATION, ARTARCTICA -- AURORAS

Auroran at the Lazares Station | N.K. Duillines | 100 but Soviantor kickey | no 28 34-36 (6)

## LE NAIN, ANTOINE, 1580-1648

Le Nain, Louis, Antoine Le Nain, and Mathku Le St The brother 9 Le Nain, Bratta Lenen, Mod. v. S skil khudozhulk [1956] i v. (chiefly illar.)

## LE NAIN, LOUIS, 1593-1648

Le Nain, Louis, Antoine Le Nain, and Mathleu le Rui The brother's Le Nain Brat'la Lenen Mosky t, desti-skil khudozhnik [1960] 1 v (chiefly Illun)

## LE NAIN, MATHEU, 1607-1677

| Le Nain, Louis, Antoine Le Nain, and Mathlen Le La | The brothers Le Nain | Bratila Lonin, Muskey, Societies the Research of the Bratila Lonin, Muskey, Societies the Research of the Property of the Proper

#### LEACHING

Al' Dagestant Zeid. Vest, Most, and Ser. 6: 10:1-7, 21 no. 5,102-111 S-O 266.

I eaching of Solonchak solls in Terck Delta,  $V_0V_0V_0V_0$  shara and other set Vent, Monk, un, Ser. 6; Blob. (4) in , 4, no, 5:01-101, SeO. 106.

#### LEAD CHROMATES

Objective method of determining the intensity of the lemon by the use of the LKIS-1 color matter (1. ). Gorelik, T.N. Reznikova. Takokras mat 14 h i i i no, 6 50-51 166

Production of chrome lemon through the synthesis thasic lead chromate sulfate, V. V. Verkholanti e. V. Savchenkova – Lakokras mat i ikh prim – no 6 t r

#### LEAD INDUSTRY WORKERS-DISEASES AND BY GIT TO

Hasic problems of occupational pathology in the  $\{\pm 1\}$  shop of the "Elekrotzink" plant, Al, M. Warre  $\{\pm 2\}$ , nauch, trud SOGMI no. 10 4-12  $\pm 61$ 

Development of carthin crust based on data of 1/2 (1) 1/2 lead or es. B. N. Naldenov, V. V. Cherdyntas, 11 and N. SSSR 172 no 1680-691 Jul 167

## LEAD MOLYBDATE CHYSTAIS-BPECTRA

Luminoscence, absorption, and level diagram of 1, 1, to in PhMoO₄ alughe exystals. A. M. Mono of the Reut, A. I. Ryakin, Opt. (spektr. 21 no. 5 5 4 ) v. N. ¹66.

LEAD ORES see subdivision under Bulkal later (* 222). Transbulkalia

#### LEAD OXIDES

Effect of additions of lithium and borvillium agile a the kineties of lead dioxide reduction by hydrogan in Ermolaev, G. A. Kusova - Trudy TOU 185-28 (1985-28)

Pictrolytic separation of lead and thorium, K.L. Bagdasarov, A.A. Starodubskala, Izvayn, acti-khim, i khim, tekh. 9 no. 5;765-700 (66.

#### LEAD POISONING

Therapeutic effectiveness of complexon in lead pair M. M. Abaeva. Shot nauch, trud. SOGM1 no. 10 1/3

Toxicity of lead to Aspergillus atger. L.V. Zlerke, h. L. Rabotnova. Mike obtologita 35 no 6:1014-he i N-D '66.

#### LEAD-TELLURIUM ALLOYS

System Pb l'e - Pbly, J. G. Herg, T. I. Malko, 1, 4 i Pavlova Zhur, neorg, khim, 12 no. 1/21/3/17 † ;

#### LEADERSHIP

Role of the press in the economic education of the action of the base of does an "average render" exist? P. V. Kondrast .

Vest, Mosk, un. Ser. 41: Zhur. 21 - no. 8:12-34 (c. 1) **** Who qualifies for an organizer. L. Umanakii. *f-1, komm. no. 10:01-04 106.

#### LEAF RUST OF WHEAT

Effect of some chemical substances on the residuation wheat to leaf that T.N.Novikova. Trudy Kildelii 45-47 '66.

## LEARNING, PSYCHOLOGY OF

Questions of learning and mental development distributed at the 18th International Congress of Paychological N. A. Menchinskala, G. G. Saburova, Sev. 1804 is 12 no. 1114-23 Ja 107.

#### LEARNING, PSYCHOLOGY OF (Continued)

Some aspects of interrelation between learning and intellectual development. G.S. Kostiuk. Sov pedag, 31 no.1;21-27 Ja '67

Teaching thought operations to children in a "picopera-tional stage of development" according to Jenn Pinget, G. A. Konstamm. Sov. pedag. 31 no. 1:33-35 Ja 167,

#### LEARNING AND SCHOLARSHIP

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## LEAST SQUARES

Notes on the article of A.I. Bolotin "increasing the effi-ciency of the method of least squares in the control of systematic errors" IU. V Kennits IV vys ucheb, zav good I serof no 6 183-136 (62,

Study of the effect of the drop of relative humidity of the air on the deformation of leather parts during the manufacture and storing of footwear, G.S. Klimchuk, IU, P. Zyhin. Izv. vya, achch zav. , tekh leg prom. no. 6:95-99 '66.

#### LEATHER---ANALYSIS

Determination of the amount of clean raw hide in leathers processed with the carbamide-unotropine preparation KU and other introgen containing compounds I. IA Bebich, A. IA. Shapil'skain, L. G. Voloshina Kozhi obuv prom. 8 no. 11.22-24 N '66.

#### LEATHER-STANDARDS

Present all-Union state standards for leather slow down the improvement of the footwent quality V. I. Klatrus-skii. T. I. Stepansknia. A. M. Shakhvelieva. Kozh. - obuv. prom. 8 no. 11:12-13 N 166.

Project of the new all-Union state standard for the grading of stiff leathers. V. N. Rubakhin, S. M. Levin, I. B. IAnkovskaia Kozh. -obuv. prom. 0 no. ll:ll-12 N '66.

Some discrepanties in all-Union state standards. M Ponomatev. V. Kudi inshev. V Dem'inniuk Kozh. -chuv. prom 0 no. 11.9-11 N 166.

#### LEATHER, ARTIFICIAL

I ffect of the acctulization conditions on the properties of films based on polychloropa opene latex and polyvinyl clockel. V.S. Georgitva. A. P. Pisarenko. Kozh. -ckav. prom. 8 no. ll:21-27 N '66.

Improvement of polyviny chioride coatings in the production of textovinit. M.S. Petukhov and others. Kozh. obay prom 8 mo.12;21-23 D '56.

In the Scientific Technological Society of the Light Industry. I.D. Lifehita, G.I. Shlykova. Kozh. -obuv. prom. 8 no 12:34-35 D '66.

## LEATHER, EFFECT OF RADIATION ON

Effect of gamma radiation on the acid- and alkall-absorbing capacity of leathers. I. P. Strakhov. Akhmedi 1Asm. N. S. Bałashova. Izv. vys. ucheb. zav. , tekh. leg. prom. no. 6,68-72 '66,

#### LEATHER, EFFECT OF TEMPERATURE ON

Change of the physical and mechanical properties of various leathers due to thermal influences under conditions of a stable temperature and humidity. N. I. Shapoval, M. P. Kuprilanov. Izv. vys ucheh. zav., tekli, leg, pi om no. 6:81-94 '66.

## LEATHER INDUSTRY

Characteristics of the determination of the economic effectiveness of the chemicalization of the leather and footwest industry P.S. Pushkin, L. P. Aksenov, Kozh-obuv prom. 8 no 12;7-10 1) '60

Effect of the transportation factor on the choice of the building sites of enterprises of the leather and footwear industry, L. B. Peisakhzon, L. A. Viaz'mina, R. I. Vedianik, Izv. vys. ucheh. zav., tekh. leg. prom. no. 6:

Prolongation of the service life of building structures in enterprises of the leather industry. A. V. Chuiko, N. F. Gysev. Kozh. -obuv.prom. 8 no 11:27-30 N 166.

## LEATHER INDUSTRY-EQUIPMENT AND SUPPLIES

Buffing of chrome leather for the uppers of footwear. S.I.Sergeev. Kozh.-obuv.prom. 8 no.12;21-27 D '66.

## LEATHER INDUSTRY-MANAGEMENT

Use of mathematical (linear) programming for the determination of the optimal plan for the consumption of hard leathers. G.P. Ispirion. Izv. vys. ucheb. zav., tekh, leg. prom. no. 6:3-8 '66,

#### LEATHER SUBSTITUTES

Castor oil substitute in the production of artificial nitroleather G.A. Levin, Biul, tekh -ekon, inform, Gos. nauch. -issl. inst. nauch, i tekh, t form. 19 no. 11 22-23

#### LEATHER WORKERS-EDUCATION AND TRAINING

in the Presidium of the Central Administration of the Scientific Technological, Society of the Light Industry, Kozh, -obuy, prom. 8 no.11;36 N 166.

Effect of soil characteristics on ash composition in annual sprace needles and back and rowan leaves. 41.1, Chekalova Pochvoyedenie no 1,98-106 Ja '67

Simultaneous determination of the content or chloroplast pigments and the strongth of their bond with professingual complex in plant leaves 1.1. Acros, D. V.I. Shin-Int. Dop. AN UISH no. 12 (1998) 166

Variability of stemlike leaves in Sphagaum apiculatum II. Lindb. Z. A. Shuku. Vest Moskaum, Ser. 6 Biol., pochy. 21 no 573-77 S-O 166

#### LEAVES-ANATOMY

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## LEBEDEV, PANTE LEIMON DMITRIEVICH, 1906-

Panteleimon Dmittlevich Lebedev; on the occasion of his 60th bit thday A.V. Lykev and others. Inch -fiz.clm: . 12 no.1,120-122 Js '67.

## LECTURES AND LECTURING

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#### LEFT-AND RIGHT-HANDEDNESS

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#### LEG-BLOOD SUPPLY

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Intraosaccus phlebography of the lower of nemities in disorders of arterial blood flow. A M. Demetskii. Vest. rent. i rad. 11 no. 6 37-16 M-D 466.

Lesions of the veins in arteritis of the lover caremities P. Brinzen, C. Sarmesin, B. Stefanovici Khirmgiia 38 no.11:108-111 N +62,

#### LEG-DISEASES

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## LEG-FRACTURE

Surgical treatment of the distal section of the shin and the malleoli. Kn. T. Tukhtasmov. Ortop., travm. i protes. 27 no. 12 35-11 D '86.

#### LEGAL AID

Our information. Agitator 31 no. 348 F 167.

Determining the true nitrogen fixation ability of legumes. E. P. Prepachev, A K. Khabarova. Vest. sel'khoz manki Il no.12405-108 D '66

#### LEGUMES --- DISEASES AND PESTS

Damage caused by the module beetle of Sitona species and the yield of pulse of ops. L F. Krasnopol'skala KISKIII 55:36-16 '66.

## LEGUMES-FERTILIZERS AND MANURES

Effectiveness of the use of nitrogen for legumes, V.E. Shevchuk 4/v. ISKHI no. 24 77-96 '62

## LEGUMES-GENETIC RESEARCH

Chemical mutagens in breeding legumes. B. P. Rudol. Vestsi AN BSSR, Sei set hasp nov no 4,30-32 168.

#### LEGUMES-RESEARCH

Some results. A. Tatarintsey. Zemledelle 29 no.1:67-

## LEGUMINOSAE

[Biochemistry of leguminous plants, protein substances of seeds and taxonomy of Leguminosae] Blokhimita bobovykh rastenit, belkoyev coshchestva semian i sistematika bobovykh. Moskva, Nauka, 1967. 84 p.

LEISURE see subdivision under Zaporozh'ye Province

# LELYAKI OIL FIELD-OIL WELL LOGGING, ELEC-

Studying carbonate reservoirs in Lelyaki oil field by resistivity method V.I.Korzhik. Neft-i gaz.prom. no.5:1-5 S-O '66.

#### LEMON—DISEASES AND PESTS

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### LENA VALLEY-GEOLOGY, STRUCTURAL

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#### LENA VALLEY—SOIL MOISTURE

Some traits of the moisture conditions of Meadow-Chernozem alkaline soils in the Lena valley L. G. Eloyskara D. D. Savvinov Nauch soob INFAN SSSR no. 8 39-42

## LENGTH MEASUREMENT

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## LENIN, VLADIMIR ILICH, 1870-1924

Basic problems of the economic development of Georgia in V I Lenin's work - N M Treshelashvill, Trudy Thill GU 112 21-45 165

Booklets on V 1 Lenin suppressed in bourgeois Estonia A F Matsulevich, Sov. arkh. no 5 100-101 188

Great stralegist, S. Ustinov Nov mn 38 no. 10 256-

259 O '62 Lenin, V.I. [V.I.Lenin on ideological work] V.I.Lenin ob ideologicheskol rabote, Moskya, Politivdat, 1965, 435 р.

I enin and the book, a review of materials published re-cently on the occasion of V I I cnin's 90th anniversary B V, lakoviev, Kniga, 1881, 1 mit 4:7-15 (6),

I eath at the Smolinyi Institute. P. Berezov, buizh toig. 17 no. 11-4-7 N  166 .

Lemm goes to the Smolinyi Institute. Petr Kapitsa Nov. viem 25 no. 5 13-15 Ja 167,

[Lonin guards of our planet, storles about V.I. Lenin's companions in arms and contemporaries | Leninskaia gvardila planety, rasskazy o soratnikakli i bovremenni-kakli V I. Lenina – Moskva, Politizdai, 1967 – 502 p Lenin on foreign trade monopoly. I. Kovan. Vnesh torg. 46 no. 12,3-8, 16 166.

The Lenin theory of electrification as a component part of the theory of scientific communism. I I Kodua Trudy That GU 412 77-107 165

Lenin's documents on petroleum, Neftianik II no. 9:21-25 S '66,

Let us improve the search of V.I. Lemm's documentary materials. S.T. Beliakov, M.S. Vesclina. Sov arkh. no. 5 (5-17) 166.

L'yoyskil torgovo-ekonomicheskil institut. [Along Lenin's path, summarles of the reports of a scientific conference dedicated to the 96th anniversary of the birth of V.1, Lenin Po leninskom putt; tezisy dokladov nauchiol konferentsii, posyinshehennol devianostoshesitletiin so dafa rozhdenila V.I. Lenina, 20-21 aprelia. L'vov, 1966. 52 p. (CSI-H)

(CSI-II)
Mas'ko, V.A. [Historical circumstances which necessitated V.I. Lebin to write "Materialism and Empiriocriticism", a summary of lectures] Istoricheskala obstanovka, obuslovivshala neobkhodinosi' napisanila V.I. Leninym knigi "Materializm i empiriokrilitsizm", konspekt lektsil. Uzbgorod, Uzbgorodskii gos, univ., 1964. 20 n. 1964. 20 p. (CSt-II)

Mel'nikov, A.B. [How the "Iskra" ("Spark") flated up; ffiree (focumentary essays about V.I. Lenin] Kak razgo-ralas' "Iskra"; tri dokumentai'nykh ocherka o V.I. Lenine. Moskva, Zmante, 1967 61 p. (Novoe vzhizni, nauke, tokhnike X. Sortia; Molodezhnaia, no. 4)

Oteshchuk, F.N. (Lenin and solentific atheistic propaganda Lenin i naukovo-ateistychna propaganda Kyiv, Vydvo polit.iti-1y Ukrainy, 1985 66 p (CaOTU)

"Only moments of his life," A. Volgari, Mol.komm, na 4:103-105 '66

Our banner, strength and weapon. Nar. obr. no. 1:55-61 Ja '67

Ja '67

Panachin, F. G. [Lenin's style in party and governmental work; for universities of Marxism and Leninism] O leninskom stile v partiinoi i gosadarstvennoi rabote, dila universitelov marksizma-leninizma, Moskva, Mysl', 1966, 62 p. (Partiinoe stroitel'sivo)

Phifosophical significance of V. I. Lenin's remarks on N. Bukharin's "Economics of the transitional period,"
L. S. Merzen, Nauch doki vys. shkoly, filos, nauki i no.; 109-116 '63.

Politician and man. L. Zhak. Mol. komm. no. 4.94.

Roalization of the Lenin cooperative plan. S. Zhakupbekov. Nar. khoz. Kazakh 24 no. 11.71-75 N 166.

Red pages. A. Chernykh. V mire knig 6 no. 6.8-9 Je '86.

Reminiscences of Illich, G.K. Ordzhonikidze, Moi, kemm. no. 10:12-18 166,

Several problems of the correlation between accialist industrialization and the socialist cooperation of the peasantry. G. Kharakhash'ian. Nauch. dokl. vys. shkoly; akon. nauki 4 no 1:16-26 '61.

- LENIN, VLADIMIR IL'ICH, 1870-1924 (Continued) removed public party meeting. Part zhion' no 3 60-61
  - V. L. Lenin on the merease of the productive power of land 1 S Kovshino., A P. Mershin Zemicdelie 8 no 4 3-9 Ap 460
- V.I I can on the program of the Communist Party N Gamm. Mod bomms no 6:3-12. Is 61.
  V.I. Lemn's letters to the members of 115 family as apartee of biston. G. M. Deich. Vop. 1-4 KPSS, 11.
  no. 2 ltd-117. I. 9.7.
- We need what Vladimir IPrich has thught us 5 M. Kirob Mol komm. no 4 1-3 the
- Zaochnafa vysshafa partlinaia shkola. Kafedra politiche-skoi ekonomit. Crificismi of hourgeois and reforma-lional economic theories in V.I. Lenin's work. Kritika bur zhuaznykh i reformistskikh ekonomicheskikh teorri y trudakh V.I. Lenma, Moskva, Mysl', 1966, 371 p.

# LENIN, VLADIMIR IL'ICH, 1870-1921-HOMES AND

- A house in a suburb of Paris Ludmila Urarova, Semila i shkola 22 no 136 Ja '67
- In the village of Lenin, K Shner-Krasikov Oktfabr!
- [Lenin and the Ul'ianov family in Podol'sk] Lenin i Ul'ia-novy v Podol'ske [Most vi, Most rabochii, 1967]
- Mctittskii, B.G. [Again in Petrograd, V.J. Lenin's visit to Petrograd, Mirch 12-13, 1919 Snov a Petrograde, o prebyvanii V.I. Lenina v Petrograde 12-13 maita 1919 goda. [Leningrad] Lenizdat, 1966. 102 p.
- Places inmittely dear Obtrabil 43 no. 12 128 D 166 What should Ultyanovsk be like? I Rotin, Oktiabi! 43 no 12 129-132 D '65
- Zarelskaia, D. V., O. F. Nechaeya, and M. V. Skobeleva.

  The apartment at No. I Serdobol'skaya Street, a guide-book [Kvartha na Serdobol'skot uittse, 1, putevoditel', [zd. 3, jsp. 1 dop. Leningrad] Lenizdat, 1968 46 p. (Memorial'nye muzet V. I. Leningrade)

# LENIN, VLADIMIR IL'ICH, 1870-1924-MUSEUMS,

- RELICS, EFC.

  Collor ing the example of V I Lenn's life and work, V Svetkalo. Part zhizn' no 3 17-21 F '67

  Part zhizn'
- Public participation in museum work. Part zhizni no 4
- School museums dedicated to Lenin L, Rubinshtein Agitatol 34 no 4 38-39 F 167

#### LENIN OIL FIELD-OIL FIELD BRINES-ANALYSIS

Hydrogeochemical characteristics of Sabunchi series of Lenn Oil Field. L.I. Agalarova. Dokl AN Azerb. SSR 22 no 9 43-46 '56

# LENINGRAD-AIRPORTS-DESIGN AND CONSTRUC-

- Air gateray to the city of Lenin, N.G. Porfitov. Stroi. i arbit Len, 28 no 5 2 My '66
- Leningrad, an airport, I.G. IAvein. Strol, i arkhit, Len. 28 no. 5 3-11 My 466

#### LENINGRAD - APARTMENT HOUSES - DESIGN AND CONSTRUCTION

- From apartment block-sections; experimental highrise apartment houses S.1 Evdokimov, V. A. Sokhin Stroi i arkhit Len. 28 no 5 12-15 My '66
- Improved junctions and joints in large-panel houses in series 1-335. D Lykov, V Solutanov Na strot Ros. 4 no.8 29 Ag *63
- New apartment houses for housing construction cooperatives. A I. Kniazev Stroi, i arkhit Len 28 no. 74-8

#### LENINGRAD ... AUDITORIUMS ... DESIGN AND CONSTRUC -TION

"Method of exection by protrusion"; assembling largespan metal trusses for motion-picture theaten and concert hall. V. I. Zhukov, E. I. Makarov. Stroi. I arkhit. Len 28 no 6:26 Je '66.

## LENINGRAD—BUI LDING—ESTIMATES

Results of expertize miscalculations. P.Shitenkov. Ekon. strof. 9 no.1:48-49 Ja 167.

## LENINGRAD-BUILDING-EXHIBITIONS

Leningrad builders share their experience / Stron i arkhit Len. 28 no 718-19 Jl '66,

## LENINGRAD-BUILDING-BAFETY MEASURES

Safety methods for apartment construction with large structural elements B. M. Druzhinin, Stroi, i arkhit. Len. 28 no. 6;32-33 Je '66

## LENINGRAD—BUILDING INSPECTION

Individual operation control and quality inspection by the Main Constitution Directorate of Leningrad City. K. Zazerskii. Na stroi. Ros. 4 no 9 17-18 S 163,

### LENINGRAD-BUILDING INSPECTORS

Effective control. A. Klushin. Na stroi, Ros. 4 no, 9. 3-4 S 163.

# LENINGRAD-BUILDINGS-DESIGN AND CONSTRUC-

Among best in Russim Lederation Stron Larkhit Len. 29 no. 1 6-9 Ja 167

#### LENINGRAD—CARGO HANDLING

Based on scientific work organization. A Sher, A.Rabo-tofalluk Mor flot 27 no.147-19 Ja 67.

#### LENINGRAD—CEMETERIES

Prom Leningraders to Leningraders," A I Pribul'skii Stron i atkhit Len 29 no 1 20-22 Ju 167

#### LENINGRAD—CITY PLANNING

- Avenue of Heroes, A.A. Afonchenko, Stroi, i arthit, Len. 28 no.6-11-15 Jt '66,
- "Here there will be a city...," R.A. Somina. Strong a at but Lon 28 no 5 36 My 466.
- In the Executive Committee of the Leningrad Societ. Strop. 1 arkhit, Len 28 no. 6, 3 of cover Je 166. Leningiad, 1967. Strot farkhit, Len 29 no. 1.1
- Municipal constituction problems in Red Petrograd, V. I. Ruzheht, Strot i arkhit Len 29 no. 1 10-1 i Ja 167
- New architectural ensemble on the Neva, planfor a square on right bank at end of hildge O. Stroi, i aithit Len 29 no 12-5 Ja 167 O. I. Gurley.
- banitation of old sections of Leningrad, M. M. Kamenskata, R \ Sharlygim Strol i arkhit, Len. 28 no. 6; 27-28 Jc 66.
- Vscvolozhsk, city for rest and recreation, V P Gromov Street Farkhit Len 28 no. 79-11 J1 166

#### LENINGRAD -- COLD STORAGE WAREHOUSES -- TECH -NOLOGICAL INNOVATIONS

Efficiency promoting work and inventions at the 1 eningrad Cold Storage Warehouse No. 1-5. V.S. Maraylianskii, B.E.TSirlin Khol tekh, 13 no. 12 32-31 D 166,

#### LENINGRAD-COMMUNIST PARTY OF THE SOVIET UNION-PARTY WORK

Political lecturers of industrial plants - R. Strunina Agitator 34 no 3 31-33 F 167

#### LENINGRAD—COMMUNIST YOUTH LEAGUE

The great and difficult art of political education.

I Prelovskata, A Skrypnik, Mol. komm no 6 59-67 Je 161

#### LENINGRAD-CONCRETE BEAMS

Experience in strengthening reinforced concrete beams m enterprises of Glavienings addition P. Goviachkov, V Kim. Na stroi Ros 1 no 327 Mr. [63,

#### LENINGRAD-CONSTRUCTION EQUIPMENT

Technical inspection controls the use of building mathing P, Mikaitiv Na stroi Ros. 1 no 0 i8-19 S 463

## LENINGRAD—CONSTRUCTION INDUSTRY

- Anniversary year, the fiftieth Stroi I at khit Len. 28 no. 12-1 D 166.
- In the Executive Committee of the Leningrad Soviet, Stroi i arkhit Len 28 no 12 30 D 166.
- In the Executive Committee of the Leningrad Soviet Stroi, i arkhit Len. 29 no. 1 3 of covet Ja *67. "Leningrad Diary," Stroi i arkhit, Len. 29 no. 1.35-
- Leningrad residential construction combines face new
- tasks I N. Kugushev, B. G. Kragavin Stroi i arkhit Len 28 no. 12 2-3 D 166, Plan for large-scale construction in action. Stroi. i arkhit. Len. 28 no. 5:1 My *56
- LENINGRAD-CONSTRUCTION INDUSTRY-MANAGE -

Important lever for improving construction operation, Stroi, i arkhit, Len. 29 no. I 14 Ja 167.

### LENINGRAD ... DRAINAGE, HOUSE

Voskanian, V. A. (Advanced drainage construction; experience of Trust No. 102 of the Glavleningradstrol| Progressivanta konstruktsiia drenasha, opyt tresta No. 102 Glavleningradstrola, Lontagrad, 1966, 25 p. (Leningradskii dom nauchno-tokhnicheskoi propagandy. Proizvodetvennyl opyt. Serila Stroitel'noe proizvod-

## LENINGRAD-ECONOMIC RESEARCH

Practice of the Leningrad Brench of the Institute of Economics of the World Socialist System. A Aleksand-rov, IU. IAkovets. Vop ekon. no. 1:158-159 Ja 1 67

## LENINGRAD-EDUCATION, SECONDARY

Efforts of a Komsomot organization to train the sludents in work habits, V. A. Semenov, N. I. Kurechkin, Shkola i prozv. 10 no.10 21-22 O '66,

### LENINGRAD-EGYPTIAN ANTIQUITIES

The Heka-yeb stele in the collection of the Hermitage, N. B. Landa, Vest, drev. ist no. 4-105-107 (86, No. 1093 stele in the Hermitage, E. S. Bogoslovskii, Vest, drev, ist, no. 4:108-115 '06,

#### LENINGRAD-ELECTRIC POWER PLANTS

Repair and modernization of the equipment of the Lee-grad Dicetric Utility System (L.I., Pinarry ed at 110) sta 33 no 3 35-37 Mr. 162.

LENINGRAD—LIVENING AND CONTINUATION SCHOOLS Leningrad Communists educate their youth. N. V. February, Vich. and Jahola 9 no. 5128-44 5-60 9

#### LENINGRAD-FEDRUARY REVOLUTION, 1917

Institut istorii pattii, Lenlugand, [Petropad Bol-14. Ra in three revolutions] Petropadskie bol'sheakt, trakt revolutistiakh, [By] N.IA, Ivanov t dr. [Trakiga 19] Lenlzdat, 1966. 461 p.

#### LENINGRAD-FOOD INDUSTRY

First esperimental-demonstration food service of the G. A. Limbosh Strot farklit, I en. 26 no 1º 20

#### LENINGRAD-FOOD INDUSTRY-COS PS

Accounting for expenditures in the conditions of the 37 planning procedure. A.V oritive, S. Feeth. Soc. 10, 10, no. 2, 11-12, b. 167.

#### LENINGRAD-FOUNDATIONS

Foundations for high ise apartment houses, who have a structions are most expedient? S. V. Kaplurov arkhit 1 en - 28 no 7 i5-17 J) '06.

#### LENINGRAD-GREENBELTS

Greenhelt of Glory. A. IA. Macheret. Streit of klair, 17, 28, no. 613-10. Je 406.

#### LENINGRAD—HISTORICAL MUSEUMS

Zaretakala, D.V.; O.F.Nechaeva, and M.V.Skubelina [The apartment at No.1 Seridolof oldaya Street, a part] | The apartment of the state of

#### LENINGRAD-LANDSCAPE ARCHITECTURE

Avenue of the Unvanquished, Strol. I arkhit. 170, % no. 818-17 Je 468,

### LENINGBAD-MACHINERY INDUSTRY-ACCOUNTING

Interplant accounting at the Nevakii Machinery Plant | V. I Kantor , Bird, tekin -ekon, inform, Coo, nauch | 1.81 | 1 + nauch | 100ki, inform | 10 | no. 12:49-51 | D | 266

#### LENINGRAD-MACHINERY INDUSTRY-MANAGEMENT

Results of the work under new conditions. V.G.1448 ... Mashinostroitel no.1:2-3 Ja 67.

#### LENINGRAD --- MACHINERY INDUSTRY -- SCHLDHLISG

Network planning for labor or gamization. Leth year (1) a Sots, trud. 12 no.1,91-93 Ju  $^{1}67$  .

## LENINGRAD --- MANUSCRIPTS, GREEK

Recently found it agments of a Check tio spot from the collection of the Library of the U.S., S. R. H.N. Let Palent, short in 0.15417-120 166.

## LENINGRAD-MANUSCRIPTS, SAMARITAN

A 15h kovich's collection of Samai Ran immuni it to A. IA. Bortsoy Palest sher no. 15:60-73 6

LENINGRAD -- MARINAS -- DESIGN AND CONSTRUCTION Yacht club for "T'rud" sports society. VI. V. Perer., Stroi, i ar khit, Len. 20 no. 1:26-29 Ja *61.

#### LENINGRAD .-- MARKETS

Commercial centers on map of Petersburg, G. G. Lakenina Stroi, Lakenina, 28 no. 12 26-27 D. Ger

#### LENINGRAD-MEAT INDUSTRY

Let's welcome the 50th anniversary of Soviet rule in a befitting manner A. Savehenko. Mias, and \$55H P no. 1:3-5 Ja 167

#### LENINGRAD-MERCANTHE DUILDINGS-DESIGN AND CONSTRUCTION

Building for service industries. Sixed. I aribit, Ler. 28 no. 6:30-31 Je 166.

## LENINGRAD-MILITARY EDUCATION

The courage of the members of Lenhigrad's Society for the Promotion of Defense and Acro-Chemical Deset pment. I. Gantchey, Vuen, 2nan, 43 no 1,34-15 Ja 167.

#### LENINGRAD-MOTION-PICTURE THEATERS-DESIGN AND CONSTRUCTION

"Burevesinik"; design for new movie thester in Petreyta" District, C. P. Stopanov, Strot. 1 arkhit, 1,cn. 24 no. 5:32-31 My 166.

#### LENINGRAD-PLASTICS IN BUILDING

Plastics for Leningrad building projects. Stroi, i artifit Len. 28 no. 5:20 My 166.

#### LENINGRAD—PORCELAIN

<u>bolov, E.</u> [Leningrad porcelain; 24 reproductions of the work of the Leningrad masters of artistic porcelain]
Leningradski farfor, dvaddart chelyre reproduktsil protzvedenii leningradskikh masterov kludovhestvonnogo lariora [Leningrad, Khudozhnik RSFSR, 1966 24 plates (BHI)

## LENINGRAD-RECREATION CENTERS

Youth cafes, V.D Kirkhoglani Strond arkhit I en. 98 no 5 28-30 My 466

### LENINGRAD-RESTAURANTS, LUNCHROOMS, ETC.

An incomprehensible decision. A. Filimonov. Pmt. alitzni no. 2006. Juli67.

#### LENINGRAD—RETAIL TRADE—ACCOUNTING

Nichine accounting in the retail trade. V Arkhipova, Naznetsova. Bukhg, uchet no.12 10-12 D 466.

#### LENINGRAD-REVOLUTION OF 1905

Institut istorii partii, Lenlıgrad. [Petrograd Bolsheviks in thi co tevolutions] Petrogradskie bol'sheviki v trekh revoliutsilakh. [By] N.IA. Ivanov i dr. [Leningrad] I enizdat, 1906. 461 p.

#### IENINGRAD-REVOLUTION, 1917-1921

Petrograd Oktiah 'skoe vooruzhennoe vosstanie v Petrograd (Leningrad Lenizdat, 1996 487 p

Institut Istorii partii, Leningrad, [Petrograd Bolshevilts in threo revolutions] Petrogradskie bol'sheviki v trekh revoliutsiinkh, [By] N.IA. Ivanov i dr. [Leningrad] Lenirdat, 1900, 460 p.

Mcillishii, B.G. (Again in Petrograd; V.I. Lenin's visit 10 Petrograd, March 12-13, 1919) Snova v Petrograde, o prebyvanii V.I. Lenina v Petrograde 12-13 marta 1918 goda. (Leningrad) Lenizdat, 1960. 102 p.

Stage; of a glorious path. B. Shabunin, M. Nikitin. Mor. flot 27 no 1,5-8 Ja '67

## LEMINGRAD—RUSSIAN SOCIAL DEMOCRATIC PARTY

History of the cultural and educational work of the Petro-grad Holisheviko during their preparations for the October Revolution V V Gorbanov, Vop 1st KPS Ca tober Revolution 11 no. 2 25-35 C 967

#### LENTINGRAD—SCHOOLHOUSES—DESIGN AND CONSTRUC-TION

lor voung Leningraders. Strollierkhit. Len. 28 no. 0:1 Je 186.

#### LENINGRAD-SHIGE, 1941-1944

Krivich, G.D. [The women sulpers of Leningrad] Zhen-shelday-snathery Leningrada, Leningrad, Ob-vo "Zhanfe" RSFSR, 1966, 39 p.

### LENDIGRAD -- STEAM TURBINES -- DESIGN AND CON-STRUCTION

Experimental study of the rauses of interference in the blading of type VK-180-2 turbine developed by the Tentagrad Metaltworks, S.A. Prokhorov, N.S. Chernetskil, M.A. Trubilov, Faergomashinostroenic fine, 9:1-5 S '60,

Improving the Starting technology of type VK-100-2 turbines manufactured by the Loningrad Metalyorks, M.A. Trubitov and others. Teplaenergetika 7 no.8-14-51 Ag 160.

... Unit starters of the VK-50-3 turbine B I Levchenko. I nergomashimostrovite 6 no. 10.28 O 100.

## LENINGRAD-STEEL

1. spand the warehouse supply of metal. I. Potapov. Mat -tckh, snab. h. 1 no. 175-76 O '56.

## LENINGRAD-STREETS

As cauc of the Peoples! Militla. Stroi, i arkhit, Len. 28 110, 6 16-17 Je 166,

### LENINGRAD—SWIMMING POOLS—DESIGN AND CON-STRUCTION

Open-oir swimming pool; plan for an experimental facility. Strol. i arkhit. Len. 26 no. 5.16 My 166.

#### LENINGRAD.—THEOLOGICAL SEMINARIES

Address of Metropolitan Nikodim at the commencement in the Loningrad Thomogical Academy, October 9, 1966 Zhur, Mosk, Patr. no 12;30-33 '66.

The twentioth anniversally of the revival of Leningrad theological schools. N. Medvedev. Zhur. Mosk Patr. no. 12;33-36 '66.

## LENINGRAD-TRANSPORTATION, AUTOMOTIVE-MANAGEMENT

Efficiency of mathematical methods for planning automotive transportations, V. Bobarykin, Avt, transp. 45 no, t:17 Ja '67.

#### LENINGRAD-TRANSPORTATION, AUTOMOTIVE-STUDY AND TEACHING

Popular university of science, technology and advanced experience, V Gaponov, Avt. transp. 40 no. 0:8-9 Ja 162

### LENINGRAD-VISITORS, FOREIGN

Delegation from our brother city. Stroi, i art bit, I en. 28 no. 0.35 Je 166.

#### LENINGRAD-WAR MEMORIALS

"I com I eningiaders to Leningraders "A I Pribulfskii Strei rarkhit, Len. 29 no. 1 20-22 Ja 167,

Greenhelt of Glory, A. IV. Macheret, Stron. i as Phit. Len. 28 no. 6:3-10 Je 166,

## LENINGRAD PROVINCE—BUILDING RESEARCH

In laboratories of the Regional Institute. Stroi, rankhit, I en. 29 no. 1 23-24 Ja 167.

LENINGRAD PROVINCE-CONFECTIONERY INDUSTRY In honor of the 50th anniversaly of the Great October Revolution Khleb r kond prom 11 no. 15 Ja '67.

#### LENINGRAD PROVINCE—CRANBERRIES

Is it possible to cultivate cranberries? N. Ignashev. Zulup, sel'khoz, prod no. 12,34-35 D '66.

#### LENINGRAD PROVINCE—ELECTRONIC DATA PROCESS-ING---AGRICULTURE

Determining the optimal combination of branches in an agricultural enterprise, A. G. IAkusher, V. N. Aidin I'kon i mat metod. 3 no 1132-138. Ja-F. 167

# LENINGRAD PROVINCE-ENGINEERING LABORA-

In laboratories of the Regional Institute Stroi, i arkhit. Len 29 no 1:23-24 Ja 167.

#### LENINGRAD PROVINCE-GRAIN

Large crops of grain. A. Markitantova, Inform. biul VDNKR no. 12:25-27 D 466.

#### LENINGRAD REGION—REGIONAL PLANNING

City of Pushkin, plan for reconstruction and new building G.K.Grigoricva. Stroi i arkhit Len 28 no 121-8 D 166,

#### LENINGRAD UNIVERSITY

Administration of an institution of higher education, problems relating to the improvement of the administration of Leningrad University L.E. Gremiako, D.A. Kermov, Vest, LeO 21 no. 23 168-167 268

#### LENKORANI LOW LAND-PHYSICAL GEOGRAPHY

Division of the Lenkoran' Lowland into landfor m regions. A A Aliev, G.K. Casanov. Trudy Azerb, geog. ob-va 3,39-11 '66

#### LENSES

Measuring the light transmission of microscope objectives in the ultraviolet region, R.M. Larina, L.S Agroskin Opt.-mekh prom. 33 no 12 5-9 D 466.

LEPTOSPIRA see subdivision under Armenia

LEPTOSPIROSIS see subdivision under Baku; Mogilev Province

LERMONTOV, MIKHAIL IUR'EVICH, 1814-1841 Who is this Ossian? K. Kalmanovich. V mire kaig 6 no. 6:11-45 Je '66

## LESOTHO-DESCRIPTION AND TRAVEL

Trying times for Lesotho, M. Zenovach, Nov. vrem, 25 no. 920-22 F '67.

LESOTHO-POLITICS AND GOVERNMENT frying times for Lesotho, M. Zenovich, Nov. viem, 25 no. 9 20-22 b '67.

LETHRUS see subdivision under Donets Valley

#### LEUCOCYTES

Cultivation of leucocytes of peripheral blood without phytohemagglutinin Q.G. Peroshenko Probingemat i perel krovi 10 no 12:48-49 D 165

Cytochemical characteristics of leucocytes of peripheral blood in chronic lymphatic loukemia TS, V. Chinchalad-70. Sooh AN Gauz SSR 44 no 3:811-816 D '66.

Immunogenetic study of a culture of leucocytes of human peripheial hlood. Report No t. Lymphocytic test in diagnosis of menozygotic twins. 1 L Golfdman. Genetika no. 12 05-94 166.

Period of protein synthesis in leucocytes of human peri-pheral blood cultivated in vitre, a radiographic study. L. 1A Levina, S. I Polikarpova, l. M Shapiro. Doki. AN SSSR 171 no 4988-891 D 166.

Use of thouscence microscopy in the detection of early changes in peripheral blood under the effect of ionizing radiation L.A. Leshchinskli, V. V. Trusov, E. V. Lavient'ev. Med. rad 7 no. 10.32-35 O '62

## LEUCOCYTOSIS

Digestive leucocytosis in bream, L.I.Smirnova, Trudy Inst, biol, vauir, vad, no. 10:143-147 '66, Digestive leucocytosis in cancer patients, 1. T. Abasov. Dorl, An Azerb SSR 10 no. 3.59-62 '62,

## LEUCOPENIA

Leucopenia in senatorium patients and its dynamics during the treatment period in Kislovodsk. S. N. Oranskain. Vop. kur., fizioter.i lech fiz.kullt. 31 no 6; 523-526 '66.

#### LEUKE MIA

(see also subdivision under Krasnodar Territory, Socht, Tuapse)

Basic trends in the search for antileukemic therapeutic agents. VA (hernov, 1.8 Safonova. Probl. gemat, 1 percl. kross. 40 no. 12.3-13. D. 665.

Clinical and morphological characteristics of leukemia in newborn infants IU G IUdin Probl genut i petal, \$10.1 12 no 141-43 Ja 167

Combination of chronic lymphatic leukemia and adeno-carcinoma of the stomach VV Bogdanov Probl gemat report kross 10 no 12 47-48 D *65

Cytochemical characteristics of laucocytes of peripheral blood in the onic lymphatic leukemia TS V Chinchaladze Soob AN Gruz 55R 44 no 3/311-816 D '66 Effect of eleutherococcus on the leukemogenic action of indole, A N Stukov, Vop onk 13 no 194-95 967

Eosinophilic torm of leukerma A S, Golovko, V L Zapashnova, Probl gemat a perei krovi 10 no. 12 46 D 165

Etiology of leukemia, exogenic virus or pathogenic endogenic nucleoprotims? Probl gemat, i perel krovi 10 no 12 25-32 D 165

10 no 12 25-32 D 165
Ethology of spontaneous leukemia in mice of the C57
strain E Nastak and other: Probl. gemat 1 percl
Frov 12 no 143-46 Ja 167
dhopathic myeloibrosis and secondary myelofibrosis
in chronic myeloleukemia, 11 S Dul'isin, Probl.
gemat 1 percl krovi 12 no 12-24 Ja 167.
Metaplastic processes in the stomach and occum in
leukemia, N-ray observations G P Martyshkin Pr
gemat 1 percl, krovi 12 no 134-36 Ja 167.

Pathogenesis and the apeutic prospects of leukemia, J Aleksandrowicz, J Naskalskii, J Sznajd. Probl gemat. (pc. el.) krovi 12 no 124-27 Ja 167.

Plasmar cell leukemia F A. Ushakova and others Probl. gemat 1 perel, krovi 10 no 12:18-25 D '65. Preleukemic changes N A Kraevskii, N M. Nemenova.

Probl. gemat a peral krovi 10 no 12 13-18 D 165

Remaiks on Professor I \ Kassirskii's article "Some controversial problems of the dilology and pathology of leukemias," V. V. Goreddiovs and others Probl. gemat i perel krovi 10 no 12 35-40 D '65

Remissions in leukemia 1 A. Kassirskii, E. V. Fleishman, L. M. R. n. kaia Probl. gemat, i perel, krovi. 12 no. 1.3-12. Ja. '67

Some data on the Eukervia of cattle. V. M. Lemesh. M. M. Herasimovich Vestsi AN BSSR Ser sel'hasp nav no. 1,122-127 '66

Unusual course of reticulosis, N F. Klimova, N V. Nikolacva, N, V. Chubatova Probl gemat, 1 perel krovi 10 no. 12 11-45 D 165

#### LEVELING-STUDY AND TEACHING

Automatic leveling as explained in textbooks O A. Danilov. Avt dor 24 no. 11.31-32 N *61.

# LEVRENEV, BORIS ANDREEVICH, 1891-1959

An original talent I. Vishnevskaia, V mire knig 6 no, 6 28-29 Juli66,

## LEVULINIC ACID

Extraction of icvulinic acid from water solutions. L. L. Shil'nihova, V. I. Sharkov. Short true, NIGS 14 147-151

LEWISITE see subdivision under Marmansk Province

## LIABILITY (LAW)

Lability for damage caused by a "source of increased hazard," Sots, zakon 38 no 7 80-82 JI 161 Liability of servicemen. Komm Vooruzh, Sil 47 no. 1 89 Ja 167

LIBERTY OF THE PRESS see subdivision under United States

## LIBRARIES

(see also subdivision under Armenia, Saratov)
Brief information notes. Bibliotekar¹ 44 no. 2 62-63
Γ '67.

Brief news. Bibliotekar' 41 no.2:60-61 F '67 Letters to the editor, Bibliotekar 44 no. 2.57-59 F 167.

LIBRARIES—BRANCHES, DELIVERY STATIONS, ETC. see subdivision under Saratov Province

LERARIES, CHILDREN'S

A journey through the revolution. P. Lukicheva.

Bibliotekar' 41 no.2 33-37 F '67. Some thoughts about the registration cards of readers, L. Pasukhova. Bibliotekar' 44 no.2:37-40 F '67

## LIBRARIES, PRIVATE

Home libraries. N.Speransov. Knizh.torg. 18 no.1:50 Ja 167.

# LIBRARIES, UNIVERSITY AND COLLEGE

(see also subdivision under Saratov) Establishment and development of the chains of libraries in the institutions of higher education. N. P. Nikitina, Trudy Nauch bibl. SGU no. 3:41-75 164.

LIBRARIES AND READERS see subdivision under Bashkirla; Chelyabinsk Province, Echmiadzin (Armenia), Feodosiya, Simieropol⁹

#### LIBRARY ARCHITECTURE

I ights in the andors of not libraries. I Petros Bibliotekart 44 no 2 51-54 T to7

#### LIBRARY EXHIBITS

fit out fathers' tootsteps Bibliote' at! 44 no 2 27-32 F '67

#### LIBRARY SCIENCE

[Information about library work and bibliography abroad, materials] Inform o bibliot, dele i bibl, za tub nos. 4-66.

Theoretical and practical conferences of young librarians.

A.N. Grozerstana Trudy Nauch bibl SGU no 3 3-10

LIBRARY SCIENCE-BIBLIOGRAPHY see Bibliography-Library science

#### LIBRARY SCIENCE—PERIODICALS

From a verthook to a theoretical periodical (L. Sm), vicina, Bibliotel at  4  44 no 2 55-36  $\Gamma$   $^{+}67$ 

#### LICHEN PLANUS

Lichen ruber planus in the oral cavity and on the red margan of the hps. E. I. Abrahova. Sov. med. 30 no. 1141-145. J. 167

#### LICHTENBERG, GEORG CHRISTOPH, 1742-1799

Tic style of Georg Christoph Lichtenberg's aphorisms, a discussion of the place of Lichtenberg in German literature of the 18th century. G. S. Slobodkin. Nauch doll, vg. Shobodkin. Nauch doll, vg. Shobodkin. On 138-180 162

#### LIE ALGEBRAS

Nikolov, A. v. [Discrete scrics of unitary representations of the Lie algebra of the O(p, q) group] Distretnate sertia unitarnykh predstavleni algebry Li gruppy O(p, q). Dubna, 1967—15 p

#### LEFE-ORIGIN

Fedorov, O. M. [From the inanimate to the living]
Vid nezhvvoho do zhyvoho Kyn, Naukova dumka, 1965
79 p. (Naukovo-populiarna literatura)

#### LIFE PRESERVERS

Lifesaving clothing. B V Ponamarento, N. N. Sverdlina. Shor izobr v r,b prom za 1961 g ,106-107

Lifeboat for whaters A. A Gundobin, L V I avrenkov Ryb khoz 43 no 1 35-36 167

#### LIFESAVING APPARATUS

Device for the automatic filling of inflatable life rafts with gas V.S Pechkovski and others. Show izobu viyb from 2a 1951 g :107-108

Device for three ing a rescue rope V.F.Kuz'min, D.V. Tikhomirov, IU.F Makarov, Shor. izobr.vijb. prom za 1961 g :101-106.

## LIFTING JACKS

New motor-driven lifting jack for rails. A.N. Cherkasov. F kh Gubaidulin Transp stroi 16 no 2;26-28 F '66 Type BR-3 detachable roller lift, G. Mikhedis, Prom. stroi. I inch. soor. 8 no. 6 35-36 N-D '66.

Conditions and methods for resolving two light sources of sharpl, differing intensity. O. M. Riozanov. Ukr. ftz.zhur. 4 no.5-634-639 S-O '59.

## LIGHT-DIFFRACTION

Scattering of polarized light on large anisotropic particles, V G. Baranov, Opt.; spekt; 21 no.5; 610-619 N 466.

LIGHT-EFFECT ON PLANTS see Plants, Effect of

## LIGHT-PHYSIOLOGICAL EFFECT

Diurnal mitotic rhythms in sarcoma 180, lymphosarcoma and carcinoma of forestomach in mice following changes in lighting regimen. S. M. Kolomina. Vest. Mosk un. Ser. 6. Biol., pochv. 21 no. 5:11-17 S-O

Expansives of conditioned reflex changes in the electro-encephalogram due to multiple combinations of sound with rhythmic light stimul: G.N. Boldyreva, V.S. Rusiaov. Zhur vys. nerv detat. 12 no 6 1011-1020 N-D *62 Dynamics of conditioned reflex changes in the electro-

Induced potentials in projection cerebral cortex areas as affected by simultaneous action of two different stimuli, V.V. Artem'ev. Doki, AN SSSR 171 no. 6-1447-1449 D 166.

Study of the functional state of the brain in rats by means of the electroencephalographic method N.G. Mikhallova. Trudy Inst. vys. nerv. deias, Ser. patofiziol 10:116-124

## LIGHT-SCATTERING

Diameter of light scattering by absolutely reflecting particles at 90° angle, K.S.Shifrin, Zh K Zolotova, Trudy GGO no.184:141-148 '66,

Diffuse scattering of light on dispersed media V.D. Kamenetskin Izv.v.s uchch. w., ii. 9 no 6 139-111

Scattering of light at small angles in tuby and leucosap-phnic single crystals — A.I. Koliadin, L.F., Ageeva, L.P., Tutrkova — 1 iz tver tala = 8 no 11,3251-3250

#### LIGHT-THERAPEUTIC USE

Comparative evaluation of the effect of visible light seccomparative evaluation of the effect of visible lags section of different spectral composition on the course and outcome of experimental myocardium into ethic vector and "milibried" rate. T. M. stancs to a Vestal AN BSSR, Ser bilal nav. no 3:95-100 '66.

#### LIGHT FILTERS

Some models of saturable shutters for lasers, 1.N. Galkin. Thur, prikl, spekt, 5 no. 5 689-602 N 466.

#### LIGHT METERS

Measuring attachment to land light locator, R. A. Kruglov, Trudy GGO, no. 199 107-113, 106,

LIGHTHOUSES see subdivision under Avacha Bay

#### LIGHTING

Natural lighting of conveyor galleries in coal enterprises, A. Darbiman, Prom. stroi. 1 mzh. 2001. 8 no. 6:5-6 N-D '66.

## LIGHTING-PHYSIOLOGICAL EFFECT

Changes in the intensity of lighting as a factor increasing the "orking expects in man. It. M. Chemilovskyla, Flatol zhur. 52 no H 1332-1339 N '66

#### LIGHTING, ARCHITECTURAL AND DECORATIVE

Special features in planning lighting fixtures for modern apartments. D A Beton an Trudy MVKHPU no.2.

#### LIGHTWEIGHT CONCRETE

(see also subdivision under Volzhskiy, Volgograd Province)

Aglopolite concrete in bridge construction 1A, L Drozd, Avt dor 21 no H 10-H N 161

Bozhenov, P.I., and V.I. Kavalerova. [Nepheline sludges] Nefelinovye shlamy. Leningrad, Strottedat, 1906. 242 p.

Construction of apartment houses in Chita from reinforcen 5 Masink, Ny 6troi, Ros 4 no 9;26-

Poles made of spun reinforced concrete with lightweight aggregates V Sh. Kalandadae. But i zhri -bet no 12 540-514 D tol

Use of electric power plantashes in construction, V. Kotuda, N. Pinogenova Nastrol Ros, 1 no. 328 Mo 163

#### LIGNIN

Lignin charcoal as a reducing agent in the production of silicon-aluminum alloys, 5.1. Suthanovskit and others, Sbortrud, NIGS 14:253-257 '65.

Mechanism of the action of acids and alkalies on lignin. Report No 1. Effect of acids and alkalies on lightn models containing a-benzyl-alcohol and a-benzyl-ester M. IA. Zarubin Izv vys.ucheb. zav., les. zlar. no 6:130-138 *66.

New raw materials for the production of carbon disulfide. R M Levit and others Giddrolfz I leackhim. prom 15 no. 5 13-15 My 462.

Production of coarse-granulated charcoal from hydrolysis lignin in a continuously operating shaft furnace. E Akhmina and others. Shor, trud, NIKG 14:258-268

Production of nitrollgnin at the Andizhan Hydrolysis Plant. B.M. Bobovnikov and others. Gidrolle i lesokhim, prom. 15 no 5 17-19 My '82

Some processes of lignin condensation in wood hydrolynis, M.I. Chudskov and others. Shot, trud, NHGS 14:238-25?

### LIGNIN-SPECTRA

Studying lignin by the method of infrared spectroscopy. IU.S. Pllipchuk and others. Izv vys.ucheb.zav , les. zhur. 9 no.6:116-118 '66

(see also subdivision under Moscow Basin) Different generations of gelatinized matter of lignites. N, G, Zheleznova Izv, vys. ucheb. zav., geol. i razv. 10 no. 1, 10-43 Ja '67.

## LIKHACHEV, ANDREI GAVRILOVICH, 1899-

Professor A.G. Likhachev; on his 60th birthday. Zhur. ush ,nos. i gorl, bol 19 no 4.3-4 Jl-Ag 159.

Geographical distribution of Lilium species in the U.S.S.R. M.V.Baranova. Bot.zlmr, 51 no.12:1094-1705 D '66.

#### LIME

The possibility of increasing the production of lime and dolomite fertilizers for agriculture. N. V. Smirnov. Stroi, mat. 7 no. 11-20-22 N '61.

Process of againstitation of lime in the synthesis of that er miner the and rotating of challength in  $p_2$  or of additions of  $Cr_2O_4$ ,  $BrO_4$ ,  $P_2O_5$ ,  $V_2O_5$ ,  $P_2O_5$ , P

#### LIMESTONE

Characteristics of golf formation on Himstong smilth madamental) of their classification (McClife, Polymental) vedenic no 1:70-78 Ja 467

Concrete for 103ds made of crurhed Himestone, G. 5 Vinogradova, N. G. Manonov N. 461 Avt. dor

#### LIMING OF SOILS

(see also subdivision under Perm Province; White

Hect of environment reaction on other me up the templants - M. P. Ivanon - Vestal AN 1988B, Serial H. no 1,59-62 - %7

Effect of the liming of soil and has horsesting on the mice offern and yield of legundrous and granific or. grass mixtures. A.I. Kramil'nikova-Kradmovi. 1975. zap GGU no. 50:112-119-250.

the of local liming material) | Latesten bill, Zamb Jales 29 no.1,30-32 Jul 167

#### LIMIT THEOREMS (PROBABILITY THEORY)

Limit theorems in a scheme of disposition of particles 11 to 12 to 15 t

## LIMITATION OF ACTIONS (CRIMINAL LAW)

The period of limitation for instigating a valuable 1 aut. N. Zagorodnikov, Sott zakon, no 233-45 F 164.

#### LINDEN

Diffect of soil temperature balance on mowth and Provider ment of small-leaved linden under urban con litter A. A. Chakhouski. M. M. Hancharyk - Vestal AN II - R Ser bital nov. no 4:16-32 | 4:6

#### LINDEN-FERTILIZITES AND MANURITS

Root feeding of ook and linder in pane and mixed at 1 b I. N. Rakhtseenka) I. P. Min'ko - Ventsi AN Basil - e1 biida nava no 147-21 biida nava

LINEAR DIFFERENTIAL EQUATIONS (See Differential) equations. Linear

#### LINEAR EQUATIONS

Patimation of the complexity of solutions to ry dem-linear equations, B M Klons, Dokt, AN STAL 471-no, 19781-703 D 46,

Recative in multiple scattering The transfer equal)

A.G. Borovoi - Izv. vys. acheb. . av., fiz. Thu G. G. 54 106

Solving systems of linear equations, V G Karneline Zhur, vych, mat, I mat fize 7 no. 1 157 460 July 1975.

Some predicat methods for solving linear algebraic tions - R.O. Halanov. Dop. AN ULSR: no. 12 10 10 Page 1 Same remarks on the stability of a linear stocks the system, M. H. Nevellson, Priki mat, i malb, 40 no 6,1124-1127 N-11 '66,

Use of the Monte Carlo method in computing Http1s ac ! Galarkin's coefficients. I A Bo hek Zinn. . y. l m : 1 mat, fiz. I no. 1-17 - 17 Ja-F 187

#### LINEAR PROGRAMMING

A close of parametric linear programming problem D M. Mandurov. 17v. AN Azerb. 53R. Sci fiz. 41 mi 1 mat. mark no 4:62-66 66.

Efficient distribution of agricultural production with 17 and of linear programming. N.S. Kharitonics. 45 Al. 1 800b VMIPSKH no. 20 81-93 '65.

Mathematical method in planning and economic calculations. It Krylatykh. Zamledelio 20 no.1,18-52 14 24.

Method of operational planning of locomotive operation G.G. Tregubov, Vest. TSNII MPS 25 no. 7.56 for re-The problem of fractional linear programming A (1 Tules ev Doki, AN SSSR 171 no. 1917-019 f) 4 %

Quasi-analogue electronic model for noiving the general problem of linear programming H. IV. Pukhov 11.5 AN URSR no. 7:806-870 182.

Transportation problem in linear programming at flan electrical model for its solution. G K. Shara didder Trudy Vych, tsentia AN Graz SSR 7,2:5-12 468.

Use of correlation analysis data in a linear properties of problem. I. A. Bazilevich. Elsan, I mat, meto f. 1 no. 1:83-87 Ja-F 467.

Use of mathematical (linear) programming for the of land leathers. G. P. Japirlan. Izv. vys. uch b. zz., tekh. leg. prom. no. 613-0 '66.

[Solution of problems in optimal planning using arrive computers] Roshente zadach optimal planning using arrive an a clektromykh modeltakh. Kiev, Nankova dunku, 1988

## LINGUISTIC ANALYSIS (LINGUISTICS)

Interaction of man and machine. D. IU. Pancy. Vop 147-# 21 no. 1:40-49 167.

#### LINKS AND LINK MOTION

Analytic method of kinematic investigation of three-di-nemsioned three-bar linkages D. S. Taykhelidze, Z. S Nateviisheili Soob NN Gruz SSR 44 no 2:401-408 N 166.

Machine for cutting linoleum M.N. Mikhailides Stroi i arkhit. Uzb. 7 no 14:18-19 D %6.

#### LIPETSK PROVINCE-GRAIN TRADE

Lipetsk tessons, G. Khichnisk, Zakup, selfhaz, prod. no 11:11-12 N 166

#### LIDID METABOLISM

Age-related changes in lipid metabolism in white rat liver. T. L. Dubina. Vestsi AN BSSR, Scr., bital nav. no.1424-425 '67

I ffect of high molybdenum content in diet on content of the to again morporement concern in arc on concern in this inici celement in organs and tissues of rabbits and some components of carbohydrate and lipid metabolism V.M. Kholad. Vestal AN 855R. Ser. bital nav. no.1,

Thiamine and lipid metabolism: IV. M. Astronski, Vestsi AN BSSR, Ser. blial. nav. no 3;79-96 [96].

Generalized xanthomatosis in the adolescent form of distretes mellitus A D Ezceva, Shor nauch trud SOGMI no 10 188-190 '61

Pasteoncussion generalized skin southomatosis, A.Kh. Adyr. Phocv. Shor nauch trud SOGMI no 10 191-194

#### upms

Cytochemical study of testes in fish Report No 2, 11pids NA Butakua Aikh anu gistiembi no, 10 81-86 O 166,

tire radical processes in lipids of animal tissues with a granted tumor. A.N. Vodolazskii and other: Doki AN 588R-172 no 3,413-415 Ja 467.

#### LIPOC AIN

Fat-mobilizing activity of adiposin, lipocaine and proluctin following separate and combined administration, G. T. Pavlov Problemake i gorm 8 no. 6 37-10 N-D

#### LIPOIC ACID-THERAPEUTIC USE

Besults of using thioctane and galascorbin for the treatment of cride with h pulities L. B. Rozanova and others 50v. med. 30 no 186-80 Ja 167.

I ffect of high-fat diet on lipslytic tissue activity. A A Poktovskii, R. A Pilenitsynii, Vop.plt, 25 no. 6 38-11 N-D 466

I Ichen ruber planus in the oral cavity and on the red margin of the lips, 1. I Abranova, Sav med, 30 no.1141-145 Jul 167,

## LIQUEFIED GASES-DENSITY

Density of At + CH₂ and N₂ - CH₄ solutions of liquefied gases, 10, P. Blahoi, Uki, fiz. zhuv. 1 no. 5;577-505 gasen. I S-O '59.

HQUEFUID PETROLEUM GAS see subdivision under Massaw Province

## LIQUEFIED PETROLEUM GAS-DRYING

Drying of liquefied wide fraction of petroleum stabilizing plants, M.N. Telenhova, R.V. Vigalok, D.G. Li makov. Gaz, delo no 12 16-19 160

### LIQUIFIED PETROLEUM GAS-STORAGE

intensification of mocean of accuring sait deposits for policitum products and liquefied gas reservoirs. N. K. Sidorova. Notici gaz prom. no.642-44 N-D 466.

Deother mal storage tanks for liquefied gases in oil fields. V. A. Veshitskii. Neft.i gaz. prom. no. 6:45-16 N-D '66.

## LIQUID ALUMINUM

Corresion resistance of certain metallic materials in molton aluminum. I. II, Serebriakova and others. Zasheb not. 3 no lilli-121 Ja-F 167.

## LIQUID COPPER-METALLOGRAPHY

Structure of copper and nickel melts in vicinity of the melting point. P. Z. Spektor, S. F. Khokhlov Izv. AN SSSR, Met. no. 1:70-75 Ja-F 167

## LIQUID FUELS

Automatic apparatus for the combustion of liquid fuel, A. Szhoi ogish. Muk, -elev, prom. 26 no. 4:32 Ap '60.

#### LIQUID GALLIUM

Adsorption of some aliphatic alcohols on liquid gallium. nasorphica of some anphatic alconois on rique gathum N. D. Criffor¹ev, I. A. Bogotskaia, Elektrokhimita 2 no. 12:1449-1452 D ¹56,

## LIQUID HE LIUM-THERMAL PROPERTIES

Instability of Fermi systems and heat capacity of liquid He³. D. A. Kirzhuits, IU. A. Nepomniashchii, Pis¹, v red, Zhur, eksper, 1 teorri, fiz. 4 no. 3:86-90 Ag ¹60.

#### LIQUID HYDROGEN-SPECTRA

fivinced absorption spectra of condensed systems. Calculation of the translation component of the main whitation band for liquid hydrogen [71, O Bulanui, M. V. Tonkov Vest 160, 21, no 22, 11-15, 56

#### LIQUID LEVEL INDICATORS

lutomatic fielding of steam boilers A i Fond, prom. 10 no 12,36-37 D 466 A. I Bezhok Khleb

Plont value for automatic regulation of the level of distilled state. In a tube M. M. Hampoltsika Far-matsev shur, 18 no 3.71 163

Selecting level regulator for water outlets of a subsurface halfgation network. M. Salvuday, Tekh, v. sellshov. 36, no. 12, 27-30. D. 166.

#### LIQUID METALS

Viscosity of liquid silvon, chromium and its silvendes B. A. Baum, P. V. Gelld, P. V. Kocherov – Izv. MI SSSR Met – no. 162-69 Ja-1 167

## LIQUID METALS-THERMAL PROPERTIES

Chiracteristics of the heat transfer process between liquid metal and a crystalized solid metal crust on a water-cooled copper walk L. A. Sololov. Inch -fiz.

#### LIQUID NICKE L-METALLOGRAPHY

Structure of copper and nickel molts in vicinity of the malting point - F-Z Spektor, E. I., Khokhtov - Izv AN SSSR Met - no 170-75 In-F-167

#### LIQUID NITROGEN

Use of liquid niti ogen in the freezing of feed products. N. A. Golovyin, V. Vit. Khol tekh 43 no.11:55-56 N '66

#### LIQUID-SILICON -MANGANESE ALLOYS-TESTING

Properties of the phase separating interface in liquid with on-manganese with motion slags with M Mkiash-vill, IU. M. Gogiberidze Soob AN Gruz. SSR 11 no 3 687-692 D '66

#### LIQUID STEEL.

OAPsin, V. M. Kamyshov Izv. v.s. ucheb. zav., chein met. 10 no. 1 lb-19 167.

#### LIQUID ZINC -TRANSPORTATION

Veselov, I. V., and A. V. Eglitis. [Using magnetohy-drodynamic floating pump in conveying liquid zinc.]
Transport zhidkogo isinka pri pomoshchi magnilogidro-dinamichoskogo nasosa plavainshchego tipa. Riga,
Latvilski respubl, nauchno-lokin in-t, 1966, 28 p.
(Listok lokinichoskol informatsti Mashinostroenie i priborostroenie)

Study of the structure and dynamics of liquids by means of nuclear relaxation, V. I. Chizhik, Probl. sovi, khim, koord, soed, no. 1:248-291 166.

#### LIGHTIS-OSCILLATIONS

Motion of organic liquids in an alternating inhomogeneous electric field I. M. Solodovnichenko. Izv. vys ucheb zav ; fiz 9 no 6.151-152 '66

#### LIQUIDS-THERMAL PROPERTIES

Hoat conductivity of liquid mixtures G. N. Dullney, IU. P. Zarichniak, Inzh. -fiz. zhui H. no. 6 747-750 D 166

## LISAVENKO, MIKHAIL AFANAS'EVICH, 1897 -

Academician of the All-Union Academy of Agricultural Sciences Mikhall Afenas evich Lisavenko. Vest self-khoz nauki 11 no 12:122-123 D '66.

## LISICHANSK (UKRAINE)-CITY PLANNING

Prospective development of Lusichansk, I. Kononov, Stroi, i arkhit. 15 no.1 31-35 Ja '67

## LISICHKIN, G.S.

Instructive reflections. N. Petrakov, K. Golman. Nov. min 42 no. 7,264-267 Jt '66.

LITERATURE-BIBLIOGRAPHY see Bibliography-

## LITERATURE-EXAMINATIONS, QUESTIONS, ETC.

Dialectical correlation between image and words in literary art, M. Nurmatov. Nauch trudy TashGU no. 279 45-58 '65.

## LITERATURE—HISTORY AND CRITICISM

Artamonov, S.D., Z.T. Grazhdanskala, and R.M.Sama-rin [History of foreign liferature of the 17th-18th cen-turies] Islorita zaredezhnol literatury XVII-XVIII vv. Izd. 3 Moskva, Prasveshchenio, 1987. 854 p.

[Literature for the 11th grade] Literatura XI klasel, Riga, Zvalgzne, 1968. 219 p. [In Latvian]

LITERATURE—HISTORY AND CRITICISM—BIBLIO-GRAPHY see Bibliography—Literature—History and criticism

## LITERATURE, COMPARATIVE-ARMENIAN AND

Chukaszian, B. L. [Armenian-Persian literary relations in the 18th century, research] Armiano-Iranskie literaturnye sviazi v XVIII vv., razyskanita. Erevan, Izd-vo AN Armianskoi SSR, 1963—245 p. [In Armenian] (ភេប)

#### LITERATURE, IMMORAL

Not all tales deserve interpretation, A. I. Gukovskii, Vop ist 42 no. 1,184-186 Ja 167,

LITHIUM see subdivision under Loyozero Tundras

#### LITHIUM ALUMINATES

I thium sulfatohydroxodialuminate, V, P Damlov, I, N I epeshkov, L, T kotova Zbur neerg, khim 12 no 1 184-188 Ja '67

## LITHIUM FERRATES

Mired lithium zinc ferrite T.I. Kalushadze Soob. AN Gruz SSR 44 no.2:281-284 N 466

### LITHIUM FLUORDE CRYSTALS

Frequency dependence of internal friction in lithium fluoride single crystals. E P. Belozer eva. N A Tiapunina, F. A. Kazak. Fiz tver tela 8 no il 3375-3377 N '66.

#### LITHIUM FLUORIDE CYRSTAIS-DEFECTS

Motion of charged dislocations in LiF civatals in alternat-ing electric fields D. G. D. Haev, V. A. Melly-Shakhnn-zarov Fiz tver tela 8 no 11:3280-3281 N '66

LITHIUM ORGANIC COMPOUNDS see Organolithium

#### LITHIUM PLATING

Electrodeposition of lithium from its chloride solutions in dimethy for mamide. N A. Zotor, K. R. Khlystova, Fletrokhumiia 2 no. 12:1444-1448 D '66,

LITHOGRAPHY see subdivision under Uzbekistan

#### LITHUANIA-ATHEISM

Come unto him, people..., Ed, El'iashev. Mol. komm. no 4 82-87 166

#### LITHUANIA-C LIMATE

Garballauskas, C., and V. Sécmeliovas, eds. [Lithuanian cilmate] Lietuvos Limaias. [By] A. Buzās ir kiti. Vilnius, Mintis, 1966, 158 p. [In Lithuanian]

#### LITHUANIA-COMMUNIST PARTY OF THE SOVIET UNION-PARTY WORK

A useful study group. Agitator 34 no, 3 37 F 167.

#### LITHUANIA-HISTORY

Maccyičius, K. [The grain ripened a long time] Dgai brandintas grudas. Vilnius, Vaga, 1964. 321 p. [In Lithuanian (MH)

# LITHUANIA-INDUSTRIAL PROCUREMENT

in the interest of consumers, I. Maiatnikov, Mat -tekh, snabzh i no. 4 37-44 O '66,

LITHUANIAN ENCYCLOPEDIAS AND DICTIONARIES see Encyclopedias and dictionaries, Lithuanian

LITHUANIAN LITERATURE—HISTORY AND CRITICISM Venciova, Antanas. [Time and writers] Lalkas ir 1asyto-jai. Vilnius, Valstybine grozines lit-10s leidykla, 1958 766 p. [In Lithmanian]

#### LITHUANIAN PROSE LITERATURE—HISTORY AND CRITICISM

Kaminskas, J., and A.Radzevicius [Problems of style and character in Soviet Lithuanian proce] Stillaus ir charakterio problemos lietuvu tarybineje prozoje Vilnius, Vaga, 1956. 287 p [In Lithuanian]

LITVER, GEORGII MIKHAILOVICH, 1902-1966 Georgii Mikhailovich Litvers an abituary. Arkh, anat., gist, i embr. 51 no. 12 103 - 104 D '66.

## Litvinov, maksim maksimovich, 1876-1951

Encounters and partings (from recollections about M. M. Litvinov). I. Litvinova. Nov. mir 42 no. 7 235-250 J1 166.

#### LIVER-BIOPSY

Pathomorphological changes in the liver in cholelithic cholocystitis detected by means of punctate biopsy. I I Solov'eva-Raskina, Khirurgua 42 no.12:52-59 D '66.

## LIVER-BLOOD SUPPLY

Clinical significance of splenoportography in cirrhosis of the liver with intrahepatic block of hepatic circulation L. A. Ender, V. A. Obukhov, Khizurgiin 42 no. 12,20-25 D '86.

burgical correction of disorders of portal hemodynamics in cirrhosis of the liver, D. M. Mamamtavrishvilt, Khirurgila 42 no.12:11-15 D '66

#### LIVER-CIBRHOSIS

Clin i il and morphistogical characteristics or chronic two riegatins and entitlesses in curdion. R. F. Bronchet in Los, Old Book hook AN Todah SeR no. 5-86-92 166 Climed significance of splenopolibaraph, in circhosis of the lear with interdeparte block of figure. In culation L. Madel, A. C. Ombrow, Fhirm pr. 42 no 12 20-25. D 100

25 D to the struction of disorders of politic modinamies in circless of the licer D M Mamintavir-held from the property of the licer D M Mamintavir-held from the property of the licer D to the licer by the licer b

#### LIVER-DISEASES

Clinical non-rephological variations of hepatic and point attractions in but in M. I. Teodori, A. I. F. in a nos., O. V. Sanvichio a. Sox med., 30, no. 150-54, In. 167.

I flect of all for propagate on tissue respiration of the liver in experimental abronic toxic lepithis N F buodlac Birl eksp biol fixed 6° no 150-52

Effect o into gastric administration of o egen on some metabolic infects in actic c perimental took hepatitis. V I Usperstin Bull chap biol a med 83 no 153-55 Ja 107

Fifect of thy roidin on choicster of metabolism in alimentary atheroscherosis in experimental kerons of the from L. A. Mitabiltov, N. M. Lobo, N. V. A. Kassill Ball eksp biol 1 and 63 no 1 31-34. Ja *67.

Health resort therapy of , arients with discuses of the liver and bile ducts \ S Bismickshi, A K Pislegin Vop kur, fizinci i lech fiz Fult | 27 no 6 481-488 N-D

Treatment of chronic diseases of the liver and bile ducts by the use of Uglich mineral vater and paraffin V A Lilect Vop kur, histoter ricch riz built 27 no. 6 193-500 N-D 162

#### LIVER-SURGERY

EIVER-SORGERY
Structure of the regenerated her following its resection in young rate of various ages. V.T. Sidorova. Bull clap biol i rev. 63 no 181-85. Ja '67. Thromboenbolic compilications following operation for portal hypertension and their prevention by means of anticalaristics. S.G. Londelbov, V.A. Zhuravlev, khirurgii v. 43. no.1216-20. D. '66.

#### LIVER-TUMORS

Methodology for scanning the liver with J¹³¹-labeled rose bengal in one-riogy M N Voltova, N V Oliukhov, V, Z Agranat Med rad 7 no 10 5-15 O '62,

#### LIVER FLUKES

Veute period of opisthorchosis A. I Arakel ev Sov nied 29 no 10 70-72 O 166

Clinical diagnosis of same forms of opistholichosts L.E. Brodov Sov med 29 no 11 100-103 N 166

Expelience in obtaining molds of the digestive system of fasciola A.V. I turshchitov. Med.paraz.i paraz.bol 35 no 6.755 N-D 166.

## LIVER FUNCTION TESTS

Antitovic function of the ir er in alcoholic delirium M. S. Shafranova Trudy Gos, nauch -isst. inst, psikh 26 330-334 161.

Clinical significance of the urea-synthesizing function of the liver in intections kepntitis G F Belov. Sov med. 29 no 11 74-76 N 166,

Etaluation of a new Soviet preparation tose bengal; data author of a new somet preparation lose bengal; data on the typerimental use under normal conditions and in radiation sickness. V. V. Sodov and others. Med lad 7 no 10 15-21 O 162 "authorinal state of the liver in typhoid and paratyphoid bacterial cartiage. T. N. Golubchikova. Sov. med. 29 no 10 99-102 O 186

no to 99-102 O 166
Liver function tests using [13]-labeled rose bengal M N. Fateeva and others Med rad 7 no 10 3-8 O 162
Neuropsychic disorders of the dismtoxic function of the liver in Boki-mic disease. G A Shepeley. Trudy Gos, nauch. -16si inst. psikh 26 289-295 161
ligmentary function of the liver in insufficiency of blood circulation N. E. Fedorov. Sov med 30 no 1:148-149 Ja 167.

tudy of the electrical activity of neurons in the archeocortex in lizards. K.H.Gusellnikova, V.I Gusellnikov, Fiziol zhui 49 no 3 277-280 Mr '63

#### )ADING AND UNLOADING

fect of vibration parameters on the process of disper-non and movement of tree stem bundles. Z. 1. Karlin-ikii. Les.bum.n der prom. no. 3:162-168 '66.

ve us a new charger M.Kuznetsov, A.Leppik. Irazhd.av. 19 no 2:7 F 152.

te of car loaders E. Zinger, P Bliuz. Muk. -elev, from 25 no 4 26-27 Ap 160.

# ADING AND UNLOADING-EQUIPMENT AND SUP-

'ontal loader on the T-16 chassis. A. Lysenko. Tekh. sel'khoz 27 no. 1 40 '87.

ic ZSA-40 truck-mounted loader. A. Gorenshtein, Berzin'sh. Tekh, v sel'khoz. 27 no 1 37-38 '67.

# LOADING AND UNLOADING --- MECHANIZATION

Equipment for loading work, V E Gora Put 1 put khoz. n. 10 11-13 '66,

Loading and unloading of ties at the plant, I.G. Tverdokh-leb Put' 1 put Phoz 10 no 10 16 '66

Coading and unloading set V M. Shkryll. Put 1 put bloz 10 no 10:11-15 '66

Transhipment bases on track ranges V N Steltmashov Put triput, khoz 10 no 10 14-16 no

#### LOADING AND UNLOADING-PRODUCTION STANDANDS

In the State Committee on Labor and Wages of the Council of Manuscript of the U.S.S.R. and the All-Union Central Council of Trade Unions. Sets trud. 12 no.1112-113

# LOBANOVO (TULA PROVINCE)—DISTILLING IN-

Processing of sugar beets in the Lobanova Distrilery, M. M. Turenko Spirt prom. 28 no 312-15 452.

#### LOCAL TRANSFF—ABSTRACTS

[Automotive and city transportation] Ref. zhur. Avt. 1 gor. transp. no. 2 F '87

## LOCAL TRANSIT -- COSTS

Rozenberg, S.V. [Planning for the cost of transportation in the numicipal electric transit system; a methodological aid Planirovanie sebestolimosti percovock na gorodskom elektroli ansporte, metodicheskoe posobie. Lzd-vo M-va kommun, khoz. RSFSR, 1958. 61 p.

LOCATION OF INDUSTRIES see Industries, Location of

#### LOCOMOTIVE ENGINEERS

Go forward, our locomotive! P Korop. Mol. komm. no. 12 90-97 D '61.

Technical knowledge is of great importance, P. I. Slav-nov. Flek, 1 tepl, (1aga 10 no. 12 9 D 166.

#### LOCOMOTIVES

Some unprovements of the sand system of locomotives V F Doroshenko, N. N Kamenev, Flek i topl, tuga 10 no 12 26 D 166,

## LOCOMOTIVES-INSPECTION

Locomotive inspection station, 1, 1 tepl, traga 10 no 12 8-9 D 166 I. N. Bol'shakov, Elek.

LOCOMOTIVES—MAINTENANCE AND REPAR
Consolidated graph of the operation of locomotives.
M. M. Nikhlanov - Clok, i tepl, tiaga - 10 no. 11,20-21
N. '86

Nake systematic work the basis of operational planning of repair of locomotives in plants, G. 1, IAkoviev Shor trud Liizht no. 232.10-29 16;

#### LOCOMOTIVES-PARTS

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#### LOCOMOTIVES -- SPRINGS AND SUSPENSION

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## LOCOMOTIVES --- VIBRATION

Damping vertical vibrations of locomotives with frictional dampers, V.1 Kalilanov Vest, TSNII MPS 25 no. 7: 27-31 166,

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## LODGING (PLANTS)

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Struggle against the lodging of pine seedlings at the Oster Forestry and Logging Unit F. A. Rykhtyk, Lis, hosp., lis,, pap. I der prom. no.1 22-23 Ja-F '67,

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Comparative evaluation of various hypothenen of locus in the Europea part of the U, S, S, R. B, P, Fullavin, Biul, MOIP, Old. geol. 36 no. 5;149-150 S-O 'fil.

Statement, L.L Savitskii Trudy Kom, chetv. per, 16-246-251 '61,

#### LOGGING (GEOLOGY)

(see also subdivision under Crimea; Krivoy Rog Basin)

Interpretation of recordings made by acoustic logging equipment (LAK-1), V.G. Gratsinskii, G.V. Dakhnov. Izv. AN SSSR. Fiz. zem no. 12-45-53 '66.

Lithological division of the cross sections of drill holes based on laboratory radiometric data, M. I. Tolstoi. Geol. 2nur. 19 no 8:54-60 159.

#### LOGIC

Problem of question and answer in logic. V. V. Zabotin, Nauch, dokt, vys. shkoly; filos, nauki 4 no. 1,68-76 '61,

#### LOGIC -- CONGRI SSES

Conference on problems of logic A A. D. vio. 1 1 She hedroutskin, Nauch dokt vys, shkody, fire 1 4 no. 1 198 - 903 361.

#### LOGIC, SYMBOLIC AND MATHEMATICAL

Lascential variable functions in algebra of Eq. 13 11 Brittont. Dokt AN 888R 172 no 1,980 fo 84

Eunctional completeness for algebra of logic for it not everywhere defined. R. V. i. r. ivald. 14 + 3 no. 8055-68. 466.

no B²52-68 (m). Inverse method for catablyahing the desire flatities for energy for multi-in-predicate calculus (m), (3 - 2 - 2 ). Dold AN SSSR 172 no 1992/5 Jul 264).

Logic of higher order, [5, R, Kogalovak II | 1974 | 35, 171 | no. 601272 1974 | D | 666.

### LOGISTICS

The battalion (car, conditions and nature of it)? (M. Novikov, S. Okulov, Voca, veit, 41 no. 6.1)

# LOGVINENKO, IVAN PETROVICH, 1908-

1 P. Logvinenko, on his 60th hir theby. Asken a te-Lavivi to no 1, 1, D 469

#### LOMONOSOV, MIKHALL VASILJEVICII, 1711-1765

In house of the 240th anniversary of the bit that 32%. Jonionnoov, D. Gordrey, Avt. dot. (4. no 0.7) 4.

Works of Milhail Lomononov on the actions of the carth, A.V. Khahalov, Bink, MOIP, Old, good ma, 547-54, S-O [61].

#### LONDON-AIRPORTS

The London airport. Z. Rumlantseva,  $(G^{(t)}(p)) \mapsto G$  azhd, av. (P) no. 10(36-38) O (255).

LONGEVITY see subdivision under. White its esta-

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#### LOOMS-TESTING

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## LORKUTOV, FEDOR MIKHAHOVICH, 1990-

Scientist, ongineer, and pedagogue; on t. M. 1-3 / 2 60th blithday 18vet met 34 no 3/17/00 Me.

Semenov, K.I. [Secrets of amount | Schretz amount | 68 - skva | Molodala gwardija, 1966. | 101 p. (Rocca in France) gaet po planete)

## LOVOZERO TRINDRAS-CHLORINE

Chlorine content in cuditivites of the Lovozero Mass 1 F. V. Kostetskeis, Geokhimha no, 11,000, 904 br.

Some possition in the distribution of characters in the spenties of the Lovozeto inneal finite view with the periodic medical character latter, 17, V. Kr. 1919. Cooklimita no. 10 801-000 [6]

## LOVOZERO TUNDRAS---EUDIALYTE

Chtorine content in endiciptes of the Lovozeto 11/25/2 P. V. Rostetskeis. Geokhimija no. 11,988-934-441

### LOVOZERO TUNDRAS-LITHIUM

Contents of lithium and rubidium in induced a few alkali pegunities of the Lovozero Maintif - F. Per - Trudy IMGRII no. 4/20-24/260.

### LOVOZERO TUNDRAS-METALS, RABE AND MEGGE

Contact rocks of the Lovozero Massif, their general, and the distribution of rare metals in them. I 4, technonolog, R. P. Tikhonenkova, Trudy PMGH : 4 186-202 00.

LOV OZERO TUNDRAS—MINERALS
Contact rocks of the Lovozoro Massif, their general and the distribution of care metals in them. 1, P. ft. homenkov, R. P. Tikhonenkova, Trudy 1Mt.Ht., t. t. 105-202 100.

### LOVOZERO TUNDRAS-NEPHELINE SYUNTTE

Some poculiarities in the distribution of chloring in it, 'tline syonites of the Lovazoro mansif in comment, and their periochemical characteristes, 1'. V, Kin to tabelle. Gookhimiin no. 10 891-900 '61,

LOVOZERO TUNDRAS...HUBIDIUM Contento of lithium and cultillium in minerals from alkali pegmatites of the Lovozero Marsiff, E. 1, Sect. 1 Trudy (MGRE no. 438-23 '66).

#### LOW TEMPERATURE METALS see Metals at bw temperatures

#### LOW TEMPERATURES

Roje of collective donor-acceptor interactions in fast low-temperature molecular reactions. Reactions of obelin halogenation A. V. Libnevskii, Dokl AN SSSR 172 no. 3 641-644 Ja 467

## LUBRICATION AND LUBRICANTS

(see also subdivision under Fergana)
Action mechanism of selective solvents in extraction of inter-stock. A Z Bikkulov. Nettepts i netterhim no 8-8-12-966.

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Short-term methods for a preliminary evaluation of the vear properties of motor offs. V. P. Bo macy, G. G. Khanilarov, K. N. Gabell. Short ud. Az NII NP no 3 261-273 158.

ttsing opola from Kurlya in final purification of lubricants. T. M. Nikolacva and others. Nefteper it neftekhim но 12:15 -17 '66.

Watter oil for hydraulic drive construction machinery, VA Aver Janov, M. I., tursman, S. L., Roykalch - Fransp, attol., 16 no. 1/50-51 Mt. 166

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Salubility of the AzNII additive in lubricants of different hydrocarbon composition 1, M. Kulley and others 5bor, trud Az NII NP no. 3 228-234 (58)

Synthesis of AzNII-1 and AzNII-2 additives with radio-Shorttad Az NII NP no. 1243-248 458

Synthesis of multifunctional additives based on alkylphenol and sulfone acids of a sulfonated petroleum product, A.M. Kuliev, D.A.Akhmedzade, Shor, trad Az NH NP no. 3-235-212 158

Vscsoiuznoe nachoo-technicheskoe soveshchanie po prišndkam k mineral'nym maslam. 2d, 1666. (On additives, fransactions) Prisadki k maslam, trudy. Pod red. S.E. Kreina i dr. Moskva, Kaimila, 1966.

## LUBRICATION AND LUBRICANTS-COOLING

Improving the design of all cools ra. V. L. Vol'fenzon Tight, I may proize no. 6 99 N-D '66

# LUBRICATION AND LUBRICANTS-THERMAL PROPER-

Thei morphysical characteristics of hydrocarbon greases v. v. Hi uno and others. Ivv vys.uchob v. v.; neft i gaz 6 to 8tht '66

## LUCIANUS SAMOSATENSIS

Philosophical views of Lacianus, B. I., Galerkina, Vest, 3, ev. 1st. ao, 4:166-172 466.

## LUCRETIUS CARUS, TITUS

Hasie concepts of ethics in the works of Lucretius and Fine unus, Z. A. Pokrovikain, Vest drey, ist, no. 4. Fraction, Z 117-160 66,

## LUGANSK-ART GALLERIES AND MUSEUMS

Luganskii gosudarsivennyi kraevedeheskii muzei. [Luganski gosudarsivennyi kraevedeheskii muzei. [Luganski gosudarsivennyi kraevedeheskii muzei, puteveditei'. [Luganski Donetskoe knizhnee izd-vo, 1963, 133 p.

### LUGANSK-MACHINERY INDUSTRY-EQUIPMENT AND SUPPLIES

Introducing modern technology and tools at the Parkhomen-ko Plant in Lugansk, N. P. Vitkalov, Tekh, i org proizy, no. 6:17-19 N-D 166.

# LUGANSK PROVINCE—AGRICULTURAL MACHINERY— TECHNOLOGICAL INNOVATIONS

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#### LUGANSK PROVINCE-CITY PLANNING

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At the economic conference, K Khmelovskii. Fin 55SR 41 no 1:11-47 Ja '67

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Distribution of all knots in the merchantable part of the full-length log of a Korean pine F T Tiuratov-vys ucheb zav , lcs.zhur 9 no.6:100-101 '66

Pifect of vibration purameters on the process of dispersion and movement of tree stem bundles Z.I. Karlin-Z. I. Kar linslii. Les.hum i der. prom. no. 3;162-168 '66.

#### LUMBER—DRYING

(see also subdivision under Latvia)

Piffect of radiant conductive drying on the strength of conifer wood E G McPurko, it E Sitniakovskii, Prom Bel. 10 no 6:56-57 Ja 167

Peich, N. N., and Z. V. Boronenko. [Handbook on the drying of wood] Sprayochulk po sushke drevesiny 12d, 2, ispr. 1 dop. Moskya, Lesnata promyshl., 1966 277 p.

#### LUMBER-MENSURATION

Automatic pulse summing volumeter for longitudinal stream of lumber A. M. Kiliokov Izv vys. ucheb. Lav., les zhut. 9 no.6,144-150 '66.

New methodology for studying statistical characteristics of sav logs. A. N. IAblokov. Izv. vys. ucheb zav , leszhur. 9 no.6,151-159 66.

#### LUMBER-TRANSPORTATION

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Pffect of hydraulic shock absorbers on the evenness of the T-80 logging motortruck A. M. Zhigalov. Izv.vys ucheb zav. less.zlm. 9 no.6:78-86 '66.
Improving the design of tumber tractor trains. A V. Zhukov. Prom. Bet. 10 no.1 81 Ji. 187

Optimal power of a skidding tractor for mountain forest exploitation N. N Latvinchuk Les, bum, i der, prom, no 3;168-177 '66.

Optimal sizes of a ipu ian log dumps with free floating drive of lumber. V.S.Sazhin Les dum, i der prom no 3/177-188 '56

Quality of stacking logs in collectors A. P. Mazurenko. Izv. vvs. ucheb. zav.; les zhur. 9 no.6,67-72 '65

Strength of the ties of log bundles during their unloading in water. U.N. Seltanin. Les. burn. i der. prom. no 3: 166-193 '66.

## LUMBERING

(see also subdivision under Bulgaria, Karelia;

production in Committee Religions ment, I. IA, Gut vich and others, Stab, polles khoz, no 8,26-JB '63.

Orientation of curved logs on two supports. F. N. Gurallo. Log. burn i der. prom. no. 3:125-131 "66.

[Practice in introducing "Druzhba" gasoline-motor driven saws in lumbering work] Opyt unedrentia na lesozagotovkakh benzometornykh pli "Druzhba", [Lepingrad] M-vo lesnoi promyshlennosti RSFSR. TSentral noe huro tekha, informatsii [1957] 33 p. (OrCs)

Single-element mechanisms for feeding automatic lines with large resolution capacity I.V. Batin. Les. bum i der prom. no. 3:01-98 *66.

Studying the speed systems of the conveyors of automated bucking installations. N. A. Gutselfur, P. V. Lastochrin-Les. burn. I der. prom. no. 3-134-138 486.

Studying unsteady dynamic processes in conveyors with two-speed drive. N. A. Gutseliuk, P. V. Lastochkin. Lesthum i der prom. no. 3 :138-145 '65.

Ways for increasing the output of morchantable lumber in oak coppice wood during forest reproduction cuttings. A.I Kondrashin. Trudy Sar.sel'khoz.inst. 15 no 3;18-22 '65.

## LUMBERING—C CSTS

Cost is the most important criterion. A. Tat'kov Plan. khoz. no. 2-85-86 F '67.

LUMBERING-LABOR PRODUCTIVITY see subdivision under Khyastovichi region (Kaluga Province)

## LUMBERING-MACHINERY

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#### LUMBERING-MANAGEMENT

The new standards in the staffing in the lumbering undustry of the R.S.F.S.R. I Foldovskii, Fin. 588R 40 no. 12:65 - 68 D '66

#### LUMBERING-SAFETY MEASURES

Industrial traumatism and organization of traumatillogical service in lumber industry. L. I. Ponomarcy. Sov. med. 29 no 11 128-131 N '66

#### LUMBERING-STATISTICS

Use of the Correlation method in determining the profitability level of lumbering enterprises. N. I. Kotarev ability level of lumbering enterprises No. Les hum i der prom no 3,193-198 'a6.

#### LUMBERMEN see subdivision under likutsk Province

#### LUMINESCENCE

Appearance of luminescence during adsorption of vapors and gases on solids. IU. N Rufov, A A Kidushm. S Roginskii Dokf. \N SSSR 171 no 4 905-906 D '66

Chemiluminescence inhibition by blood plasma in case of a malignant growth A.E.Zakarian, B.N.Tarusov Biofizika II no 5 919-921 '66

Effect of chemical composition of system on quenching of chemiumices composition of s) stem on quanching of chemiuminescence by oxygen V.A. Bellakov, T.N. B., khovskara, R. P. Vasillex, Zhur pull, spekt 5 no. 5°630-634 N '66

Liffect of heat treatment on gallium arsenide photolumines - cence Zh I. Alferon, D. Z. Garbuzon, F. P. Morozon Fiz. tver. tela 8 no Ui3236-3240 N 166.

Energy and kinetic parameters of impurity nitrogen in silicon carbide crystals IS. Gorban', AF Gurreniuk. IU. M Suleimanov Fiz, tver, tcla 8 no.113424-3426 N '66

Giant pulses of superluminescence, V.S. Zucv, V.S. Letakhov, IU.V Schatskii Pist v red Zhur, eksper i teoret (Iz. 4 no 5 182-185 S lob

Low-temperature luminescence of silicon carbide crystals, I.S.Gorban', G.N. Mishinova, IU.M. Suleimanov Zhur prikl. spekt 5 no, 5.611-620 N

Liminescence damping in various parts of luminescence spectra of molecules in viscous solutions. N. G. Balhahice, IU.T. Mazurenko, I. V. Piterskaia Opt I spektr. 21 no.5:550-551 N. 166.

Nature of photoluminescence of anthraquinone dyes in alcohol solutions. S. M. Eremenko, B. IA. Dain. Dokl.
AN SSSR 167 no. 2 380-383 Mr '66.

AN SSSR 167 no. 2 380-383 Mi '66.
Optical properties of platmocyanide compounds. Part 5:
Luminescence of solutions frozen in porous glasses
N. A Tolstol, A M Thachuk. Opt is pekti 21 no 5
555-553 N '66
Relationship between clientiliuminescent reaction and
dreamposition of hydrogen pero ide in the 53 stem
luminol - copper (II) - hydrogen perovide. A K Babko,
I. I. Dubwenke. Zhui neerig khim. 12 no. 1 174-183
Ja '67,

5tudying luminescence specific and quantum yield of deoxyribonucleonic acts in solution. A. N. Pisare, Shu, S. N. Cherenkevich, V. T. Andrianov Zhui prikl spekt 5 no 5-621-621 N 166

spert 5 no 5041-021 N 95
Temperature dependencies of a and a semitilation yield for Cs(Ti), Cs(In), Ns(ITI), and Lif(Eu) crystals, L.E.Grudskara and others Zhur, prikl, spekt. 5 no 5:655-659 N 166.

Terbium-sensitized luminescence of emopium in complex compounds. N. S. Poluektov and others. Zhur prikl, spekt, 5 no. 5:625-629 N '66.

Use of photoluminescence in solving some moblems of partic genesis P. IA, IA tosh, IU, F IU in. Zap. Vses min. ob-/a 95 no 6:748-755 '66

LUMINESCENT SUBSTANCES
Effective fluids for juminescent flaw detection, L. Maikes,
Defektoskopiia 2 no 6 58 '66,

## LUMINOUS PAINT see Paint, Luminous

LUNAC HARSKII, ANATO LII VASIL'EVICH, 1875-1933 Edistini, P.P. Significance of A. V. Lunacharskii in the development of Marxist-Leninist aesthetics during the Soviet period, 1917-1933. Author's abstract of a dissentation for the degree of Candidate of Philosophical Sciences Roll'A, V. Lunacharskogo v razvitii marksist-keyleningthe aesthetic specificance analysis (1002-1003 m.) sko-leninskoi estetiki sovetskogo perioda (1917-1933 gg ) Avtoreferat dissertatsii na sorskame uchemoi stepeni kandidata filosofskikh nauk. Moskva, Mysl', 1965.

[Microfilm]
A great and noble profession. G. Okskii. Semina i shkola 22 no 1 30-31 Ja '67.

## LUNAR PROBES

Automatic station "Luna-13" has transmitted new photographs of the tunar panorama. At i kosm, no 1:6-7

News about the moon. Av. 1 kosmi. no 2:50-51 F '67, Panoi ama tella Av. 1 kosm. no. i 164-16B Ja 167

Effect of the Chukhuryurd mountain climate on the func-tional state of the lungs Sh, M Gasanov, Sbon, trud Azerb, nauch -issi inst kur, i fiz metod lech no 6 73-78 162

Lang volumes in temporary residents of high altitude areas. K. W. Akhmedov. Biul eksp biol i med 63 no.1:18-21 Ja 67.

#### LUNGS-BLOOD SUPPLY

Compair in anniers, or pulmonary cassels in represent-ant - Orthorous Pulmos Stip into IU P Annipulat. Top 28 6RSR no 10 1532-1554 (66)

## LUNGS-CANCER

Legal thom of the inflaminators process in pulnionary concer during radiotheraps. If I Terminal Vop onk H no 1406 467

Late results of partial resections in pulmonary cancer, I A daksimon Grad 'hir " no 182-86 Ja-F '67

Parliotherapy in cancer of the lungs complicated with compression's refrome I a Pereslegin, A.I Barkanov. Vep cnt 13 no.1 25-29 467

#### LUNGS-DISEASES

Cast of intravial diagnosis of Wegener's granulomatosis. GF Riabokon', VF Blinykh Probl tub 44 no b 71-74 166

treatment of pulmonary diseases] Bronkhoskopila v diagnostike i Icchenii zubolevanii legkikh Kiev, Zdorov'ia, 1966–121 p (DNLM)

Pulmonar, amebiasis R P Askerkhano Grud, khir. 9 no 1 117-118 Ja-F  $^{\rm 167}$ 

Study of the development of amyloidosis in chionic supputative pulmenary diseases G.D. Poliakov Sov med 29 no 11 10-13 N 466

Supparative lobitis – S. L. Libov, S. C. Ostrovskii – Grud – thur – 9 no 1.76–70 Ja-F  $^{-1}67$ 

Treatment of suppurative pulmonary diseases with intratracheal introduction of antibiotics M. A. Kalagova, T. I.) Maslennikova Sbor nauch trud SOGMI no 10 169-171 '61

#### LUNGS-DUST DISEASES

Changes in the electrocal diogram, in thoracic and monopolar deflections, in patients with silicosis V.D.

Khartostianu Shor nauch trud SOGMI no 10 60-72
461

Effectiveness of treating silicosis patients in the sana-toriums of Svyatogorsk K.G. Abramovich Vop kur , fizinter riech fiz kullt 27 no 6 538-544 N-D 162

the subcosts in volkers of the Sadon Mines according to data on X-ray observations. V. Kh. Kogan, Z. E. Dzukae. Shor nauch trud SOGMI no 10 94-96 151

#### VGS-FOREIGN BODIES

te of external respiration in patients having for many Jars gunshot foreign bodies in their lungs P. P. in sovo. A A damian. Grud khir. 9 no 1:44-19 Ja-

#### NGS-HYDATIDS

lagnosis and surgical treatment of lung cohinococcosis, B, V Anikandrov, Z [ Levina, V D, Ivanova, Khirurgita 38 no 11 lli-ll8 N '62

Multiple achirococcosis of the lungs E.N. Katerinov, L A Diankov Khirurgia 38 no 11 119 N '62

## LUNGS--RADIOGRAPHY

Roentgenological pictures of different types of pulmonary tuberculomas A V Aleksandrova, N I4 Demidchik robl tub 44 no 1:20-25 166

* study of the external respiration in patients with any cancer during radiotherapy Z E Dzikaev nauch trud SOGMI no 10 97-101 *61

#### -SURGERY

atus UTL-78 and its use in pulmonary surgery, Babichev, T N Androsova Sov med, 29 no, 10 17 O '66

nosis and surgical treatment of lung echinococcosis, 7. Anikandrov, Z.I Levina, V.D Ivanova Khirur-38 no 11 111-118 N '62

of bronchoscopy in surgical intervention in caver s forms of pulmonary tuberculosis G.B.Podgalets-Zhur ush., nos i gorl bol 19 no 4 65-68 Jl-Ag

## 3-T UMORS

tal aspects, treatment and prognosis of pulmonary roulomas V.S Anastas'ev. Probl tub 44 no.1 32 '66

also subdivision under Minsk region)

also subdivision under nation region; than development of yellow fodder lupine and out are and mixed cultures, R. M. Idhorava, Vestsi AN R. Ser. bital, nav. no. 448-51 166.
Jediogy of the mass selection of the seeds of alkafree white lupine. N. A. Maisurian and others.

J. Akad, sel'khoz, nauk. no. 9,5-8. S. 168.

## -FERTILIZERS AND MANURES

elated changes in nitrogen metabolism in fodder ie. A.V. Miranenka, K.I. Zaben'koya. Vestsi AN t, Ser. bital. nav no. 1,22-26 '67.

## MBURG, ROSA, 1870-1919

Luxemburg on art, from letters written to mantin Zetkin Vop. lit. 5 no 9.186-196 S *61.

## LVCV-BUSINLSS ENTERPRISES

Pages of a new life. V Anan'in. Sov proteomry 23 no 1.16 - 17 Jr 167

#### LVOV-MOTORTRUCK TERMINALS

Mojortiudi terminal in Lvov. N Khristiuk - Avt transp. 10 no 6-23 Tc - 162

#### IVOV---TOOL AND DIE INDUSTRY

Production means are bought in a store. N. Babrehey. Mat. tekh snabah 1 no. 149-52 O '66

#### LVOV-WAGES-LEATHER INDUSTRY

Five-point system for evaluating the quality of manufacturing operations A. 8 no 11:33-31 N '66. A. A Kishkovskii Ko'h -obuv prom

# LVOV PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Some new forms of organizational party work. D. Zemlianko, V. Grabovskii, Komm. Uki 36 no. 9;16-25

#### LVOV PROVINCE-PARAFFIN OILS

Using heavy Drogobych paraffin oil ion producing pharmaceutical vascing, G.A. Stoliatenko. Neitepat, i noffekhim. no 813-14 '66,

#### LVOV-VOLYN¹ BASIN--COAL GEOLOGY

Carboniferous coal-bearing formation in the Lvoy-Volyn Basin D P. Bobiovnył, Geol zhui 21 no 1,35-43 '61

Potential of the Lyov-Volynt coal basin. 17 V Terentey. Bull MOIP Old gool, 36 no. 3 20-31 My-Je 161

#### LVGV-VOLYN' BASIN-COAL MINES AND MINING

Studying the movement of rock during the mining of Strata overlying in mines of the 'Novovolynsbugolt''
Trust, V I Shumeiko, V,N Tuninskii, V L Oreshkin
Ugol' 37 no 1211-17 D '62

# LVOV-VOLYN' BASIN---COAL MINES AND MINING--

Distribution of expenses for maintaining development workings in mines of the Volyn' deposit - V P. Troff-mov - Ugo!! Uki - 7 no. 3 15-16 Mr. 163

#### LVOV-VOLYN' BASIN-COAL MINES AND MINING-LABOR PRODUCTIVITY

Ways of increasing labor productivity in the Lvov-Volyn conf basin 1 P. Ivonin Ugolf Ukr 7 no. 3 t-4 Mr #63

# LVOV-VOLYN' BASIN-MINE BUILDINGS -SAFETY

Displacement of the earth's surface and preservation of structures in the Lvov-Volyn Basin, M.A. Ioft, Ugol' Uki 6 no 12,22-24 D '62

## LYMPHADENOMA see Hodgkin's disease

#### LYMPHATICS

Intraorgan lymphatic bed in upper extremity muscles, M.D. Gatsalov, Arkh, anat., gist, i embr. 51 no. 12, 71-80 D '66.

Lymph vessels of the nasal mucosa in man and certain mammals. H.S Andrievskii Zhur, ush., nos. 1 gorl, bol, 19 no. 6:47-50 N-D 150

#### LYMPHATICS-BIOPSY

Cytological examination of punctate from regional lymph nodes in cancer of the breast, N. I, Nikitina, K. A. Agamova. Vop onk. 13 no.1:108 '61,

## LYMPHATICS-RADIOGRAPHY

Use of lymphography in the determination of radiation changes and metastatic lesions of the lymphatic system of the polvis. E. E. Vishnevskaia, E. V. Trushnikova Vop. ork. 13 no.132-38 167

Diurnal rhythm of mitotic division of thymus lymphocyles in normal people and in people with acute t idiation sickness IU. P. Khussar, Arkh. anat, , gist, i embr. 51 no 10 109-112 O 166

Immunogenetic study of a culture of leucocytes of human peripheral blood. Report No. It Lymphocytic test in diagnosis of monozygotic twine. I. L. Gol'dman, Genetika no. 12:85-94 *186,

### LYMPHOID TISSUE

Changes in the immunogenic reactivity and morphological reorganization of the lymphoid tissue in various stages of radiation sickness A. I. Poliak. Med. rad. 7 no. 10 51-55 O 162.

### LYOPHILIZATION

Plastic repair of a defect in the cardiac walt using lyo-philized myocardium. O. N. Survillo, E. G. Naumets, Arkh. pat. 28 no. 12:16-21 166.

Basic problems of the macaroni industry in the current five-year plan. I. N. Miniaev. Khleb, i kond, prorr. Il no. 1:3-4 Ja '67.

Seminar of the workers of the macaront indo try Mankeeva Khieb I kondeprome 10 no 17 14 to 1

#### MACHINE ACCOUNTING

(see also subdivision under Moscov)

Machine accounting in the retail brade. V A(1) in N Kuznet ova Bukhg uchet no.12 10-12 10-12 Use of keyboard calculating machines in trade as offices, I fiving Sovitorg 10 no 12 14

#### MACHINE ACCOUNTING-CONGRESSES

Conference on the mechanization of accountly a + - pating work Bukhy uchet no 12,63-66 D ¹06

## MACHINE MOLDING (FOUNDING)

Increasing efficiency of molding sand ramming to slinging machine (1), A. Radin, Teverya actions therm, met. 100, 1472-1742 (6).

#### MACHINE PARTS

Determining required quantity of space parts, 1/100 Bind, tekh -ckon, inform Gos, much (mid 1) + 1/100 tekh, inform 19 no 12/17-19/19/19/19

## MACHINE PARTS-C LASSIFICATION

Pffleient classification system for machine part Grigorice Stand, I kach 30 no 9 (1997)

#### MACHINE PARTS-DESIGN AND CONSTRUCTIONS

Experimental and industrial checking of the state and program of the adealation of at the divide the shaft, antifriction bearings and joints, 12 to 2 G. N. Aykhimovich, T. 5 Pecheneva, Prom 11 2 1 no. 2(51 F. 467.

## MACHINE PARTS-TABLES, CALCULATIONS, FIL

Polivanov, P. M. [Tables for computing the well, that, and materials] Tabliby dila pedacht la vena detail i materialov, Ed. 7., Ispr. Meskva, Machinett 1907, 302 p.

#### MACHINE PARTS-WILDING

Selecting conditions for manual electric are of steel parts, T. Ksipov, Pekh v stillko , (T., 188 '67,

#### MACHINE-SHOP PRACTICE

Controlling pin fit tightness by acoustical  $\tan z$  , whether a S 1. Naturov, V, V, Cherntak. (October a 2 no. 6 67-69  $^{+}66$ 

Cutting divisions of circular diala, 5, H, 10 1 1 4 5 5 5 Chichkan, Prom. Rel. 10 no. 2 10 11 1 5 5 5

Determining time needed for the readjuntment of a tic fines. V. P. Liubimov. Tekh, mushimoda a se

Eliminating the cutting off of scaling tings of t. A. K. Semenenko, Prom. Rel. 10 no. 2 41 1 2 1

## MACHINE-SHOP PRACTICE-EQUIPMENT AND SUPPLED Standardization of assembling devices, D. 1 and Standardization of assembling devices, D. 1 and Standardization,

## MACHINE SHOPS—EQUIPMENT AND SUPPLES

Pheumatic press for fitting packing glassia. At \$ \$ \$ r alkey. Mashinostroitell no. 1/10 Ja 4/17.

#### MACHINE SHOPS—HEATING AND VERTILATION

Studying the model of a direct-flow system of vertex in a machine shap. 1. A Atrapetor v. Storiet is to no 13 20-27 162

### MACHINE THEORY

Abstract synthesis of a control automate a hard program. A. N. Chebotarev. Athernetics hard for S-O 166.

Contribution to the theory of multiple-type with B G Mirkin. Kibernetika no. 5:12-14 4 to 3.4. Minimization of microprograms and algorith 1 a V. M. Glushkov. Kibernetiku no. 5 1 t h to 1

One class of equivalent transformations of epoch schemes, Part I. A.S Nikitin, Kibernette (64-72 S-O 186)

Probability automata simulation of discrete 1 and N. V. IArovilskii – Ribernetika no. 5 16 44 5 41

# MACHINE-TOOL INDUSTRY see subdivision on the

#### MACHINE-TOOL INDUSTRY-MANAGEMENT F (see also subdivision under Sterlitamak)

In the Ministey of the Machine - Pool Inditates, V. 1 mashinostr, 47 no. 1:88 Ja 167.

Towards the 50th anniversary of the Great Oct -- Stan, I hate, 38 no. 1:1-2 dn '67.

## MACHINE-TOOL INDUSTRY-MECHANIZATEDY

Exhibits "Mechanization and automation of the first tool industry" at the Exhibition of the Arbitan of the National Economy, Vert, mashing its 4 for \$10-87 Ja '67,

#### MACHINE TOO IS

Basic kinds and causes for the breakdown of given where in machine tools. R. M. Platusovich, S. M. Mirit. . . . . . Stan, i instr. 37 no. 12:15-17 D 460.

#### MACHINE TOOLS (Continued)

Investigating dynamic and vibration-damping characteristies of foundation plates for mounting precision machine tools V. V. Chrbotarev Stan 1 matr., 37 no 12 8-31 D 166

Machine tool unit; made or standard elements and automatic line; V.P. Krinchko, Tekh 1 org proc.v., no. 6 26-30, N-D 466

New machine tools. Stan i instr., 37, no. 12, 10-11, D. 166. New machine tools. Stan, Linetr. 48 no 1:44-45 Ja 161

## MACHINE TOOLS-ATTACHMENTS

Attribuouts for finishing an incen of die-custing molds
14.55 H-movalyi, fr Z Postolovskii Machinostroitel'
no.1538 Jo. 167

marks A M Murabley Shad I kach 30 no. 9 14-17

Charts of multiple attachments. B. I Koyan Stand i hach 10 no 9 29-10 5 166

Frompic aubstraliation of the relection of machine-tool attachments. N.P. Lorot, Stan, I mate. 38 no. 139-

H 13 '97 Standard spructural charts for the unification of machine-tial attachments. A.M. Murashov. Standarkach 30 m '941-23 5 '66.

riched of the control of the process of the process of the process of the control of the control

The coded clamp with rocking catch V.V. Lisin. Mashinostroitel no 1,20 Ja '67.

Universal dividing head with a pneumatic clamp. I. IA. Shurider pum. I ckh, maghinosti. no. 1:106-109 166.

## MACHINE TOO IS - DESIGN AND CONSTRUCTION

Mounting machine tools without foundations, P.1, Shala-lov, Pelin, long, proby, no 6 89-91 N-D '66.

## MACHINE TOOLS-ELECTRIC DRIVING

Using magnetic amplifiers for controlling asynchronous hart-circuited motors for machine-tool drives. V A Lukuron, O N. Parfenovah, I P Petrov Stan i 1881 - 37 no 12 12-15 D 466.

## MACHINE TOOLS-MAINTENANCE AND REPAIR

Determining maintenance periods considering actual loading of a machine tool. V.I. Rozenberg. Stan, i limits. 48 no 1 H-42 Jul 167.

## MACHINE TOOLS-NUMERICAL CONTROL

Analysis of unevenness of stoge supply using parabolic parametric interplators. B.V. Anisimov, IU. M. Dovrienko. Vych, tekh. [MVIU] no. 5 225-242 466.

Concerning one method for programming second-order turves, M. H. Ignatley Shor, tab po von clektromekh

or 1246-251 166.

Organization of computational process by automatic properties propertiation for numerically controlled machine tools. T.I. Abramowa. Vych. tekh (MVTU) no. 559 17-257 165.

Preparation of Information for machine tools with numerical control. T.I. Abramova, Vych, tekh, [MVTU] no 5:

Une of revolving transformers as feedback transducers to program control systems, V. F. Goiney, A. M. Savinov, Vych. tel h. [MVIU] no. 5:258-273 66.

## MACHINE TOOLS—PREUMATIC DRIVING

Pacamatic device for the bending of parts. Inform, blut, VONKH no. 1:11 Ja 167.

## MACHINE TOO IS-YERATION

Calculating vibrations of carrying systems of machine Gols under the action of pulsed disturbances. V. Kaminslada, Stan 1 Instr. 11 no. 12 1-8 D 466

The OB-31 vibration absorbing supports for machine tools. P. I. Blyin: V. A. Isaoya. Mashinorti oltel¹ no 1:13-15 Ja ¹67

## MACHINE -TRACTOR STATIONS

history of the organization of the first machine-tractor station, I. A. Illrkov, Vop. lat. KPSS 11 no. 2 68-75 1 163.

#### MACHINERY

Devices for track maintenance. I.A. TSylin. Pati i put, ktor. 10 no 8 45 168.

[Technological handbook] Techniska rokasgramata, Riga, Latvijas Valsts izdevniecība [in Latvian]. Pt.2. Sustadījusi Latvijas Valsts Universitates

mechanikas fakultatos macibu speki. Redigojis V. Ivanovskis. 1957. 923 p.

## MACHINERY-ABSTRACTS

[Technology of machinery manufacture] Ref, zhur, : Tekh, mashinostr, nos, 1-2 Ja-F '87.

# MACHINERY—DESIGN AND CONSTRUCTION

MACHINERY—DESIGN AND CONSTRUCTION
Industry-wide conference on power machinery construction. N. G. Bulanov. Fnorgomashinostroenic 6 no. 1035-36 O *50.
Notes an the design of machines, V. P. Trushkin. Shkola
1 proizv. 10 no. 10-81-01 O *56.
Requirements of inspection, reception, and approval of
design documentation. f. P. Markov, V. P. Fedulov.
Stand, I kach. 30 no. 11 13 N *166.
Selecting names of machine and instrument parts for
design documentation. M. P. Rabinovich. Stand I
kach. 30 no. 15:9-12 N *166

Some problems of business accounting in research and designing organizations I. K. Strelkovskii. Vest LGU 21 no 23:32-40 466

2) no 23;32-40 *66 Siandardization of design stages. IU.I Stepanov, A.A. Vaksman Stand I bach 30 no 11 14-15 N *66, Unified system of design documentation, IU.S.Kostylev. Stand, I kach. 30 no.11 6-8 N *166

#### MACHINERY-DRAWINGS

Masloboev, G. IA. [Execution of assembly drawings in the machinery industry] Vypolnonie sbor ochnykh chertezhei v mashinostroenii Moskva, Vysshaia shkola, 1965

[MICROFILM]

#### MACHINERY-FOUNDATIONS

Method of determining depth for embedding anchor bolts for foundations under machinery I. A. Kononov Niloan no 56 195-216 66

#### MACHINERY---MAINTENANCE AND REPAIR (see also subdivision under Kazakhstan)

The PURM mobile repair shops VI Mitronov. Biul tekh. - From inform Gos, nauch - issl inst nauch i tekh inform 19 no il 50-51 N 188

#### MACHINERY-PAINTING

Automatic line for the preparation and painting of assembled complet profile units at the Moscov Hydraulic Machinery Plant. V.N. Penezev Lakokras, inct. I ikh prim no. 6:59-62 106.

Overall mechanization of the painting of forged and welded parts in continuous large-scale production, G B Linkimovich, Latokias mat i ikh pi im. no 6 66-67 '66

#### MACHINERY-RELIABILITY

Determining the durability of machinery, N. M. Mikha-ilovskii. Vest, mashinestr 47 no. 19-11 Ja '67

## MACHINERY-STANDARDS

Quality and quantity, V.S. Zamalin Shkola i prouzv. 10 no 10 79-81 O '66.

## MACHINERY, AUTOMATIC

Effectiveness of automatic lines in machinery manufacturing, L.I Hantshyna, M.M.Shatokhina, K.M.Shchalko Vestal AN BSSR, Ser hram, nav. no. 418-24 166

#### MACHINERY, AUTOMATIC-DYNAMICS

Experimental investigation of the dynamics of automatic machines. I. I. Artobolevskii, C. G. Nakhapetian, N. P. Raevskii, Mashinovedenie no 1:5-17 Ja-F '67.

### MACHINERY, AUTOMATIC-TRANSMISSION DEVICES

Study of the mechanical characteristics of the transmission mechanisms of automatic machines. S.P. Aleksandrov, I.I. Kapusim, R.R. Kazarian. Izv. vys ucheb zav., tekh. leg. prom. no. 6:123-137 '66

MACHINERY, KINEMATICS OF Kinematics of one-roller bit with spherical roller; as a topic for discussion. V V.Simonov and others. Neft khoz. 14 no. 12 15-20 D 465.

## MACHINERY IN INDUSTRY

Optimal rates of introducing the new equipment. L. Veger Vop ekon no 1:117-121 Ja 187.

#### MACHINERY INDUSTRY

(see also subdivision under Debal'tsevo, Donetsk Province; Kharkov; Moldavin; Moscow; White Russia)

Berenfelds, Valdis. [Materials used in the machinery in-dustry] Masinbuve Hetojamie materiali. Riga, Liesma, 1966. 00 p. (Jauna stradnicka bibliotoka) [In Latvian]

Effectiveness of automatic lines in machinery manufacturing L.I Han'shyna, M.M. Shatokhina, K.M. Shchalko Vestsi AN BSSR, Ser hram nav. no 448-24 466

Machinery manufacturing in the new five-year plan. V.I. Serglevich. Shkola i proizv. 10 no.12:68-69 D '66.

MACHINERY INDUSTRY—ACCOUNTING see subdivision under Leningrad

# MACHINERY INDUSTRY...AUDITING AND INSPECTION

Practice in organizing comprehensive audits in enter-prises. P. Vorenin. Bukhg. uchet no. 12;43-25 D '66.

MACHINERY ENDUSTRY—COSTS

Use of the Monte Carlo Method for rationalizing the measurement of expenditures in machinery manufacturing, M.I. Mints, Ekon.i mat. metod, 3 no.1:77-82 Jn-P '67,

MACHINERY INDUSTRY—EQUIPMENT AND SUPPLIES see subdivision under Lugansk; Odessa

## MACHINERY INDUSTRY—EXHIBITIONS

Standard and guiding materials on general machinery manufacture. M. Bluvshtein. Inform. binl. VDNKH no.12.8-10 D '66,

MACHINERY INDUSTRY-FINANCE see subdivision under Kazakhstan

## MACHINERY INDUSTRY-MANAGEMENT

(Sce also subdivision under Armenia, Dnepropetrovsk, Donets Basin, Elektrostal', Moscow Province, Kazakhstan, Kitovograd, Kramatorsk, Leningrad, Siberia, Sverdlovsk, Ust'-Kamanogorsk)

Purst results. Creation of a branch system for the introduction of scientific labor organization N.Barbuzenko Sots find 12 no.2 71-75 I '67

Komarova, N. [Improvement of working areas in the machinery industry, a survey] Sovershenstvovanie rabochikh mest v mashinostroenti, obzor. Riga, Lutvilskii respubli, hrt nauchno-tekhn. Informatsii i propagandy, 1966. 41 p. (Nauchnaia organizatsiia tiuda)

Shedrik, V. [Scientific organization of labor in the repair shops of machinery manufacturing enterprises] Mauchnaia organizatia truda v remontno-mekhanicheskil h tsekhakik mashinostroitel'nykh predpi latili. Rija, Latviiskii respubl. 1n-t nauchno-tckhn, informatsii I propagandy, 1966. 29 p. (Nauchnaia organizatsiia truda)

Objectives of the machinery industry in the second year of the five-year plan. K.K. Vinogradov. Vest mashinosti. 47 no 13-8 Ja 167

Our resources M M Vasiller Stand reach 30 no 9 7-11 S '66,

Scientific organization of work is a great hidden potential of the new five year plan A. P. Muslov. Shi ola i proizv. 10 no.12 70-71 D *66

#### MACHINERY RIDUSTRY—PRODUCTION STANDARDS (see also subdivision under Chimkent)

Consolidated volv norms in the manufactule of paper-making equipment and the organization of prior deter-mination R S Volvich, I V Petinsh, R, N, Volvison Burnagodel' mash no.13 14-26 '65

Rhythmization of multiple machine tool processes in the machinery industry A.Spakh Sots trud. 12 no 1,97-103 Ja '67

#### MACHINERY INDUSTRY-QUALITY CONTROL

Awarding bonuses for machinery industry workers for improving production quality. B V kapitonov, V P Drozdova Stand i kach 30 no 11 71-73 N 166

#### MACHINERY INDUSTRY—RESEARCH

Tianshanskii, N.D. Economics and the organization of research work in machinery manufacturing Ekonomika i organizatsiia nauchno-issledovatel'skikh rabot v mashinostroend. Lentagrad, Mashinostoende, 1967. 194 p.

MACHINERY INDUSTRY-SCHEDULING see subdivision under Leningrad

#### MACHINERY INDUSTRY—STANDARDS

(see also subdivision under Altai Territory)

Standards for the machinery industry Stan i instr 37 no. 12 insert 241-240 D *66.

Standards for the machinery industry, Stan, I instr. 38 no, 1924A-24D Ja 167, Urgent objectives 10 S Kostylev, Stand 1 Fach 30 no, 9:1-2 S 166

MACHINERY INDUSTRY—TECHNOLOGICAL INNOVA-TIONS see subdivision under Tashkent; White

## MAC ROMO LECULAR COMPOUNDS

Study of ternary complexes formed in the interaction of dihalcalkanes with atomatic hydrocarbons V. I Gar-monov, V. N Sokolov, I L lukei'son Doki AN SSSR 171 no. 4 867-868 D 166

### MACROPHAGES

Significance of a short presence of Staphylococcus agranteement of a short presents of organization of a short presents of the sensitivity to anti-biotics V N. Soloviev, E. P. Pavlov, M A Vagina, Antibiotiki 12 no. 1 51-54 Ja '67

## MAGADAN PROVINCE-FOREST INSECTS

Forcest entomofauna of the Kurlie Islands, Karnchatka Penhasula and Magadan Province! Entomofauna lesov Kurill'skikh ostrovov, potuostrova Kamchatki, Magadan-skoi oblasti Moskva, Nauka, 1968. 137 p.

## MAGHEMITE—MAGNETIC PROPERTIES

Some magnetic characteristics of magnemit. V.1.Bagin Izv. AN SSSR, Fiz. zem no 12 77-81 '66

## MAGID, MIKHAIL IOSIFOVICH, 1896-

76th birthday of M. I. Magid. Kozh. -obuv prom. 8 no. 1135 N '68

#### MAGMA

Amount of juvenile water isolating during the formation of effusive rocks O. N. Toistikhin Geokhimita no. li 1005-1008 181

Concerning the generation mechanism of basic magmas IU, M Sheimann Biul MOIP, Old geol, 36 no 3 136-139 My-Je '61

Pressure inside satellite magna chambers; on example of the Cape Plak intrusion, Crimean Mountains IU, P, Orovetskii, Geofiz, shor, no, 17:85-90 486.

Using the soda method for obtaining burnt magnesia for rubber compounds from natural brines. S. I. IAvorskii, M. M. Shimonova. Trudy GIPKH no. 47:19-28 '62.

#### MAGNESIUM

Magnesiture in bottom sediments of northern seas of the Soviet Union and its biological significance Gorahlova, Trudy VNIRO 66 89-102 '66.

MAGNESIUM-ALUMINUM ALLOYS see Aluminummagnesium alloys

#### MAGNESIUM CHIOPATES

Electrochemical teraration of magnesium chlorate from natural inagnesium chloride laines. M. and others. Trid GIPKH no 17 72-77 M. N. Machull in

#### MAGNESIUM CHLODIDE

Obtaining reactive magnesium chloride iron technical magnesium. S I Ilvoreth, M.D. Tarabi ma, A.K. Shishora, Tred GIPKH no 47 1-62 52

# MAGNESIUM ISOTOPES-PHOTOELECTRIC PROPER-

Spectral methol for determination of isotopic composition of inagmission A G. Zinglinskii, P. N. Fafurina. Zhur prikl spekt, 5 no 5 557 561 N '60,

#### MAGNESIUM ORGANIC COMPOUNDS see Organomagnest im compounds

#### MAGNESIUM ON THE

Obtaining reactive macrosium or ides from natural brings decalerfied with the sulpite method. B.A. Shorbhet, E.M. Karrisik, A.I. Pantoleera, Truds GIPKH 100, 17-

Overall processing debraninated Sweet to ince to magnessum osides for the manufacture of refractories and heat insulating "socielit" material. B. A. Shotshet, B. IU. Lange. Trudy GIPKH no. 17 12-18 162.

#### MAGNESIUM OXIDE-SPECTRA

Application of magnesium ovide in spectrophotometry, V. N. V. shneve'kyi, Ukt. 112. zhu. 1 no. 5 620-633 5-0 59.

#### MAGNESHIM SHILEATE

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#### MAGNETIC AMPLIFIERS

Calculating characteristics of saturation cores with feedback and amplishate, E. L. Ogenesian, Izv. Ap Arm. SSR. Ser. tekh. mark 19 no 6,29-31 '66.

Cushioning spiral band-type formalloy cores with a new material. E. P. Velichar and others. Sudo-troonic 56 no 12,31-36 D 166

Study of the vorking culcuits of magnetic amplifiers with transistors. If N Pokrovskii. 123, typ ucheb, zav. elektromekh. 20 no 12 1361-1372 '66

short-on-one of the state of th

## MAGNETIC ANOMALIES

Constructing linear operators in correlation scheme of geological interpretation of gravity and magnetic anomalies G I Karstaev, A V Chernyi, IU, M Gusev Izy AN SSSR Fiz zem. no.12 28-36 /66

Correlation scheme of formation of geological elements along gravity and magnetic anomalies. G. J. Karatev, Iti, M. Gusev, A. V. Chernys. Inv. N. SSSR, Fiz. 2cm no. 11 45-54 No.

Karalaev, G.I. [Correlation scheme of the geological interpretation of gravity and magnetic anomalies] Korrelatsionnain skhema geologicheskoi interpretatsii gravitatsionnain skhema geologicheskoi interpretatsii gravitatsionnyhi i magnitnykh anomalii, Novosibirsh, Nauka, 1966, 134 p.

Scaling  $\Delta z$  of  $\Delta g$  anomalies upward of cutved observation surface. A. M. Polonskii. Izv AN SSSR, F12 zem. no. Il 77-82 [66]

Sphene in skarn iron ore mineralization of Izhmorakiy Magnetic Anomalics (Kuznetsk Alatau), L. P. Kopylova, Trudy TGU 164 69-71 '63,

### MAGNETIC CIRCUITS

Calculation of dissipation in the tooth heads of electrical machines IA, B Danilevich, Shor tab po yop clektro-mekh no 4 33-43 150

Check of the magnetic circuit of inductive shunts of VI 8 electric incomotives N.A. Seiduk. Elek, i tepl taga 16 no. II 17-19 N. '66.

Check of the symmetry of the magnetic circuit of electric locomotive traction motors G, M Behichenko, IU, N Naumenko, V, A Krasti'nikov Lick 1 topl, tiaga 10 no, 12 14-15 D 166

Concerning the distribution of magnetic inductance in the air gap of mulifstage transverse field amplidynes, V Mamedov Sbor tab po vop, elektromekh no 4,112-

122 '50, Demín, E.A., and L.A.Chinenkov. [Magnetic switching elements in radioelectronics] Magnituse kommutatsionnye elementy radioelektroniki. Moskva, Mashinostroenie, 1966, 421 p.

Determination of optimal power polynomial for the approximation of a principal magnetization curve. A. M. Bamdas, IU A. Savinovskii, A. S. Gantsovskaii, Izv. vys., ucheb. 2av., elektromekh. 9 no 12-1254-1296 '66.

Ligman, R. A. [Magnetic storage counters] Magnitnyc nakopitel'nye schetchiki. Moskva, Energila, 1967–142 p. (Biblioteka po avtomatike, no 220)

Magnetic field in the channel with quidt tile cross section, S A Gamzieva, F I lAntovskii Liv AN SSR, Prierg, 111-nsp no 680 83 N-D 466

Modeling of a saturated magnetic circuit of an electric traction mulos using electrically conductive paper, V I Volchenskov Irv AN SSSR Pherg a transp no 6 14-36 N-D 166

Modeling of the magnetic fields of the frontal parts of clectrical machines using a scalar magnetic potential K S Demuchian. 11. AN SSSR Freig i transp. no 6. 34-43 N-D 166

Problem concerning the construction of the magnetic circuit of an electric machine using magnetic short solvopic strel, E.G. Kasharskii. Shou rab po vop elektromekli. no. 4 76-91 160

no, 4.76-91 160
Senagraphy of deformation of losses in steel during composite magnetic atton. A R Ogorchak. Lev. visuable zav., efektionern. 9 no. 12.1267-1361 oc.
Usa of mathematical modelling techniques in the calculation of systems with permanent magnets, V.V. Kogenbalm, V.L. Shattinovskif. Lev. vis., when zav., elektromekh. 9 no. 12.1302-1306 366

Effect of constant electric and magnetic fields on the optical properties of monarial crystals in which e citons are generated. IU. A. TSvn ko Ukr. fiz. zhur. 4 no. 5-654-663 S-O '59

Difective magnetic field on Nb and Ta melci dissolved in n on A.V. Kogon, F.I. Nikalin Pizztver tela 8 no il: 3410-3411 N '66.

Generation of collisionless shock waves propagating along magnetic field. If I T Nestertkhin, A G Ponomatenko, B A Ishlochikov, Pist, vied, Zhur eksper i teoret fiz, 4 no 10 103-409 N 166.

Karteev, V. P. [Ultrahigh intensity magnetic fields] Svei khail'nye magnitnye polia. Moskva, Znanie, 1 60 p. (Novoe v zbizni, nauke, tekhnike, 1X Sei ita Fizika, astronomita, 2) 1987.

Magnetic field in the channel with quadratic closs section S. A. Gainziera, F. I. Inntovskii. Izv. AN 595R, Pacigitianspino 6.80-83. N-D *66

One method of studying magnetic breakdown in metals, 1, A, Slutskin, Pist, vied Zhun eksper i teoret, fiz i no. 1,26 99 Ag *66.

Oscillation dependence of the surface resistance of a metal on a weak magnetic field M S Shaikin Pist, vied Zhuu eksper, i teoret fiz 1 no. 5 161-165 S 166.

Parametric resonance in effective field, 1 N. Novikov, V G Pokarantev. Pist, v red. Zhur, ekspt.r., i teoret, fiz, 1 no. 10 393-396 N 466.

Role of space charge and discharge mechanism in coldcithode minometer. B. A. Sharevall yr II no 12:1355-1363 D 166

Studying magnetic field of spack generating in focusing laser radiation, V. V. Korobkin, R. V. Serov. Pint v. 10d, Zhur, eksper recent fiz. 1 no 3 103-106. Ag 166

Studying magnetization processes in a region of strong fields of ferromagnetic materials made of compacted ferromagnetic particles. V. V. Parfenov. 10, A. Lobanov, I. V. Ivanova. Fiz. met i metalloved. 22 no.44569-573 O 466.

Theory of kinetic transfer coefficients in organic semi-conductors. Part 2: Reluctance in a weak magnetic field (approximation of high temperatures). 5.1 Kubarev. Teoret.i eksper.khim. 2 no.5.658-662 S-O '66.

Tunnel current from second-group superconductor into normal metal. H. V. Hohadze. Ukt. fiz zhut. II. no. 12-1307-1310 D 166

Turbulent flow of a conductive liquid in an annular channel in presence of a circularly rotating magnetic field.

A. V. Ivanov-Smolenskit, G. S. Tamaolan 12v AN SSSR,
Energ. 1 transp no 6 71-78 N-D 166

## MAGNETIC FIELDS-MEASUREMENT

Calculating the magnetistatic field of surface defects. Part It Topography of the field of defect models. N. N. Zatsepin, V. E. Shcherbinin, Defektoskopila 2 no. 5-50-50 '66.

Calculating the magnetostatic field of surface defects. Prit 2 Taper imental verification of the principal calculated regularities. V. F. Shcherbinin, N. N. Zatsopin, Defektoskopiia 2 no. 5,59-65 '66.

## MAGNETIC FIELDS (COSMIC PHYSICS)

Some concepts on origin of magnetic fields of planets. K.V Brodovitskit. Nauch trudy TashGU no. 234. Geol. nauki no. 20;196-206 '94

### MAGNETIC MATERIALS

Effective magnetic field on Nb and Ta nuclei dissolved in hon. A. V. Kogan. E. I. Nikulin. Ffz. tver. tela 8 no. ll: 3410-3411 N 165.

Lysachenko, I.A. (Electric and radio-engineering materials) Elektro-radiomaterialy, Moskva, Sviaz', 1967.

Magnetostriction of fer rouplana, IF S. Borovyk, A. P. Dykyi, IU, O Mamalui Ukr, fiz, zhui, Il no 12 1341Mokhol', L.1., and N.N.Shmykova, [State with parameters of final cores from TORM alboy at edge bon with a thickness of 2g.] Satischeskie timp a parametry malogated thigh sector bunkovic may lenty splaya 79NM tolshchinoi 2 mk. Modern, 1, 2

#### MAGNETIC MEASUREMENTS

Performagnetic probe coercive force metal to control of heat treatment. V. M. Franco has treff Barabash. T.V. Milliann. Defektorseptic.

#### MAGNETIC MEMORY (COMPUTERS)

Reading of information from allift registers at a feedback V U.F. Hippov, A. N. Radelicaka vop. (lektromekh no. 4,2% % % 160)

#### MAGNETIC RECORDERS AND RECORDER

Barbanel', S.R. [Magnetle phonogram of a meta-ture film] Magnithala fonogramma klacilym, and a Iskusstvo, 1906. 191 p. [Bibliotoka klassaci] and Magnetic ionization manometer, V. M. Herritania. I. die fiz. zhur. I no 5,679-641 S-O 199,

Magnetic recording of dynamic processes and a second railing stock, A D. Skalov, O M. Ladi (E. 1). Vest TSNII MPS 25 no. 0.437-10 266

Phase characteristic in magnetic records by Brev Radfotekbul v 22 no 1404 196 17 9

#### MAGNETIC SEPARATION OF ORDS

Using magnetic separation for yearstealth by Distriction of the particular of the particular of the property of the property of the particular of t

#### MAGNETIC STURMS

Zevakina, R.A., F.V. Layrova, and J. R. (14k) ...

Principles of about-range prediction of page 3 regentages for storm and 1 adds propagation to reservice; a manual Comov propagation to remain a magnifught vermush though to be about 1 for all the page 2 reservices. tadioprognozov, rukovodstvo. Olv. red. (17,11) Moskva, Nauka, 1967. 72 p.

MAGNETIC TESTING
Automatic correctioneter for quality control of the treatment and corrected for community and produced by anticovery, IU. A. Koltashov. The best of the control of the co

heratheoreth, to a, reatherness, 69-71 '66, 69-71 '66, Checking by magnetic methods the sit octation of graphite in erand observer high-sit ength cost from, Defectors option.

Connection between correlete force and men 1 of a moperation of 40kinNMA street. M. M. Mikha Kokiman, V. A. Imaganos v. Defel to lengths 88-90 feb.

88-90 %66. Magnetic check of the depth of decretainties of the hardened layers on steed particly mass over the local fields residual magnetic attor, fig. 6 Defektoslopila % no 5,00-95 %66. Magnetic checking of the quality of rail lay be quenching. G.S. Comilov. Defektoslopila 49 %00

Studying from oxide reduction with uncofficer method 2.4 Nekrasov and othern 1 x 3 and 15-13 Ja P 467.

## MAGNETISM, TEURESTRIAL

(see also subdivision under Antareth 14 ht 14) Dependence of Sy magnetic vincosity coeff. but Tacteristics of ferromagnetic grains V 1 73 I V. Kolesnikov IV AN 559H, II. voja v 11 (4)

MAGNETISM, TERRESTRIAL-MEASURPMENT . . subdivision under Antarette regions

127 166

(see also subdivision under Dashkesan restar Azerbaijan; Kazneisk Alatau; Sayan Mesatu 3)

Cathodic reduction of magnetics orce. V. P. (12), E. F. Zavgor oduluta, V. I. Afanageni (c. 2), 2, 2, 3, 3, 10, 8,1271-1275. Jp. (2). Certain features of gold induct allzation in 1,63, ore deposit area and magnetite of "E tile (c. 3), deposit, A. 4A. Bolymiltov, V. N. Salato, (d. 42), 1731-184, 66, 104, 423. TGU 164:96-104 161,

Fig. 104305-104 (03). Pplinxial growth of magnetite on calcute (19.3%). F. V. Bosedin. Min. about (20. no. 4592). The internal structure and generals of magnetite. V. N. S. 446, 1. C. 1. 1. Kuzimin. Min. abov. (20. no. 4507-512). 445

## MAGNETIZATION

Large magnetization discontinuities in in addito by denum permalloy films. B. V. Vasilter, A. E. C. Pist, v red, Zhur, eksper, i teoret, ffr. A. r. b. C. F. r. N. 66.

I. V. Ivanova. I to more than the magnetical call of the offset in cobalt single crystals. V. I. Ivan worst 5 p. Dantsov. Izv. vys. uchob vav ; fir. D no h RT [v. r.]

#### MAGNETO-OPTICAL EFFECT

Aigheteaptical measurements as somice of information most electron structure of terromagnetic nickel. L. A. Ministeva, G. A. Bolotin, M. M. Noskov, Fiz. met.i. nactalloyed, 22 no.66828-832 D '66

#### MAGNETO-OPTICS

Magneto-optical modulation of infinited radiation from a gas laser. M.V. Chetkin, V.S. Solomatin  $-F_{12}$  type, tela 0 no 193309-3390 N $^{-1}66$ 

#### MAGNETOCIACTRIC MACHINES—DESIGN AND CON-STRUCTION

Certain problems in the dynamics of vibrating machines with electromagnetic vibrators. B. I. Krinkov, V. I. Leskevich, Cor., elektronicki i avtom. no. 1444-150 165

#### MAGNETOHYDRODYNAMIC GENERATORS

Prospects for magnetohydrodynamic ship propulsion.
A P. Raranov. Sudo drouble 56 no 12 3-6 D 566

#### MAGNETOHYDRODYNAMICS

1 (alutional character of oblique shock waves in magneto-lightedynamics | K. P. Cherkosova | Ukr., fiz., zhur | II | 40, 12, 1302-1306 | D | 166

h, 141-rgs, Ribards, and Janis Polmanis, [Magneto-h, di odynamics and technology] Magnetohidrodinamika un teindka, Riga, Liesma, 1966, 72 p. [In Latvian]

Magnetohydrodynamic method of electric power produc-tion A. P Sallkov, Teploenergetika 7 no. 8:86-87 Ag ¹⁶⁰

Stability of transverse oscillations in the quasi-uniform ther of a conducting gam. I.V. Arthushkov, Toploffs, yet timp. I no 5 176-185 N-D 48

Sterdy-state convection in the presence of an external magnetic field [II, P. Ivanilov, G. N. Ikkoviev, Prikl, mal. 1 mcFh. 30 no. 6/1148-1146 N-D 166.

Variational principle in magnetohydrodynamics. R.V. Polovin, R.O. Akhliezer, Ukr. fiz. zbur. i no. 5: 677-676 S-O 150.

# MAGNETOHYDRODYNAMICS-INDUSTRIAL APPLICA-

TEORS
Vessiov, I. V., and A. V. Egittia, [Using magnetohydrodynamic Hooling pump in conveying liquid zine]
Fransport Jiddkogo tsinka pri pomoshchi magnitogidi oditurilcheskogo masosa plavatushchego tipa, Riga, Latvilskii respubl, nauchno-tekno, in-t, 1906, 28 p. (Listok tekinicheskoi informatsii, Mashinostroenie)
in ihogastroenie i m iberestreenie)

#### MAGNETOMETER

Senaltive ferromagnetic probe magnetometer. M. A. Vedenov and others. Defektoskoptia 2 no. 5:66-69

### MAGNETO RESISTANCE

Can acter istics of transverse magnetoresistance of gado-finium strigle crystals. N. V. Volkenshtein, V. P. Diaking, Pist, v red, Zhan, aksper, i teoret, fiz. 4 no. 10:

Magnetor enistance oscillations of tellurium. D. V. Mashovers, 5. S. Shaiyt, Pist, v r cd. Zhur, eksper, i teoret. f(z, 1 mo, 9:362-364 N 160.

#### MAGNETOSTRICTION

Magnetostriction of ferrospiana. IP'S, Borovyk, A. P. Dykyt, 137 O. Maznalni, Ukt. fiz. zhur 11 no. 12 1941-

Magnetostriction of rare cartingallate-garnets. K. P. H. lov, V. I Sokolov, Piel, v red, Zhur, eksper i tesaet, fiz. 4 no 5,186-188 S 466.

lemperature studies of the magnetostriction of the FeCo alkey. K. K. Rogma, V. V. Zubov – Izv. vys. ucheb. 20v.; fiz. 9 no 6:145-147 hd.

## MAGNETS

Flomentary physics of permanent magnets, M. A. Grabov-skii, Vech. o. cd. shkola 9 no. 3;53-58 My-Je 108, Magnets from powdered metal ceramic using the products of merhanical it catment of cast per manent magnets, A. I. Polithchukuk, V. I., Stolia, 174, vys., whob. zav., (lekt.onekk, 8 no. 12/134-1317 186).

#### MAGNIFOGORSK-ROLLING (METALWORK)

Studying the 2500 continuous hat relling sheet mill of Magnitudes at Metallu gical Combine with a view to differential parameters for the system of automatic thickness regulation, V. M. Bur din, D. A. Molgachev R. A. Frubalkov. Shor, trud, TSNIICHM no. 44 15-31

# MAGNITOGORSK-ROLLING MILLS-DESIGN AND CON-

MAGNITOGREEK—ROLLING MILLS—DESIGN AND CON-STRUCTION
Developing and adopting a pilot plant model of dynamo-meter with inductive transducer on the 2350 medium-thickness sheet mill of the Magnitogorsk Metallurgical Combine. V. G. Chonval'd and others. Shor, trud. TSNIICHM no. 44:124-130 166.

# MAH MUD ION AL-HUSAIN, al-Kashghari, lith cent.

Thonetic terminology in Mahmud al-Kashgharde dictionary "Diwan lughat ol-Turk," T. A. Borovkova. 12v. AN SSSR. Ser. III. 1 1az. 25 no. 6:528-531 N-D 166.

MAIAKOVSKII, VLADIMIR VLADIMIROVICH, 1894-1930 Characteristics of the reading of verse by V. V. Malakov-skit, I., D. Dmitrieva, Nach, shkola 35 no. 2-21-24 1' *67.

More about 1. Metchenko's book "Majakovsku's works " L Lazarev Nov. ndt 38 no 10 240-25 O '62 Vladinir Maiakovskii's "Left march" in Poland, Flot na Neuvariny Nauch dokl 335, shboly, filol ands, 5 no, 1151-137 '62

# MAIAKOVSKII, VLADIMIR VLADIMIRGVICH, 1894-1930— TRANSLATIONS, UZBEK

Rasuli, M.M. [Malakovskii's poetry in Uzbekislan] Poeziia Malakovskogo v Uzbekislane Tashkent, "Nauka" UzSSR, 1965, 157 p.

## MAISKII, IVAN MIKHAILGVICH, 1884-

Pirst steps of an unbassider from recollections 1. M. Maiskii Novinu 38 no to 144-163 0 163

#### MAIZE see Corn (Malze)

## MAKHACHKALA—FISH, CANNED

Change in the construction of scaling needle of the "Nagema" paste canning machine. M. N. Gloto. .
Dzhafarov Ryb. prom 55;15-16 60. M N. Gloto. . kh. D.

#### MAKHACHKALA-DISTRIBUTIVE EDUCATION

In a commercial school, K. Pavlitskala, Sov. torg. 10 no 2 55-56 F 167.

# MAKHARADZE DISTRICT-WAGES-COLLECTIVE

Material self-interest of collective farmers is a guarantee of the development of communal economy 1 K. Zaka-11dz. Trady 1hil GU 112 123 134 165

#### MALEIC ANHYDRIDE

Kinctics of structural isomerization of the adduct of reaction of 5-methyley clope stadence with maleic anhydride. V A. Mironov and others. Izv. AN SSSR. Ser. khim. no. 12:2213-2215 '66.

#### MALI-COMMERCE

Government and private sector in the economy of Mall. N. Kovigina, Mit. ekon, I mezhduarr, ota, no. 1-127-

#### MALI-EDUCATION

Short reports, Nar, obr, no, 1:101 Ja '67,

#### MALI-COVERNMENT OWNERSHIP

Government and private sector in the economy of Mali. N. Kovilgina, Mir. ekon i mezhdunar, otn. no. 1 127-132 167.

## MALICIOUS PROSECUTION

Who spoke the truth? (To be concluded). V. Kuteinikov Sov.inet. 31 no.3:24-25  $\Gamma$  167

#### MALONAMIDE

Complex formation of malonic acid diamide with nitrophenols, B. V. Tronov, A. P. Izakenaite, V. D. Golltsev. Trudy IGU 185-11-18-165.

## MALTA-MILITARY BASES, AMERICAN

Another American base? M Vladimirov. Mezhdunar zhizni 14 no 2:135-136 167.

#### MAMMALS-EMBRYOLOGY see Embryology-Mammals

#### MAMMARY GLANDS

Participation of thyrold gland in regulation of relationship between secretory activity of stomach and man-mary gland in lactating animals, K. T. Tashenov, R. M. Trofimova. Trudy inst. fiziol. AN Kazakh SSR 10-133-

## MAMMARY GLANDS-BIOPSY

Use of the biopsy method in the study of blood capillaries of the mammary gland A.V. Gostev, Bulleksp.biolimed. 63 no.1:103-105 Ja '67.

### MAMMARY GLANDS-INNERVATION

Alademila nauk SSSR, Institut fiziologii. [Neurobor-monal regulation of lactation] Neuro-gormonat'nala regulatsiia laktatsii. Moskva, Nauka, 1966—234 p.

Mechanism of reflex effect from mammary gland on se-Accianism of reflex effect from mammary gland on accretion of bile and pancicatic juice in animals. K. T., Tashenov, Sh. D. Simbinov, F. IA, Kusebaeva, Trudy Inst, fiziol. AN Kazakh SSR 10 126-132 '66

Role of compensatory processes in the regulation of sectory activity of a denervated mammary gland in goats. G B Tverskoi. Fiziol.zhur. 52 no.ll:1368-1373 N '66,

Role of hormones in the regulation of correlations between the mammary gland and the genital system. V. V. Uzbekov. Fiziol. zhur. 52 no. 12:1476-1480 D '66.

## MAN—INFLUENCE OF ENVIRONMENT

Borisovskii, G.B. [Man as the measure of things]
Chelovek - mera vestichel. Moskva, Iskusstvo, 1986.

Drozdov, A.V. [Man and social relations] Chelovek i Obshchostvennye otnoshonifa. [Leningrad] Izd-vo Leningr. univ., 1966. 122 p.

Pliatov, P. N. [Steppes of the U.S. S. R. as a factor in the material life of society, on the relationship between nature and man] Stepl SSSR kak uslovie material noi zhizni obshchestva, k probleme - priroda i chelovek Maroslavi' [Verkhne-Volzhskoc knizhnoe izd-vo] 1966, 285 h.

#### MAN-INFLUENCE ON NATURE

Pilatov, P. N. [Steppes of the U.S.S.R. as a factor in the material life of society, on the relationship between nature and man] Stept SSSR kar uslovic material not zhizni obshchestva, k probleme - priroda i chelovel. [Aroslavi] [Verkhnu-Volzhskoc knizhnoc izd-vo] 1986, 265 n.

## MANCHUS

[Manchu tule in China]] Manchzhurskoe vladychestvo v Kitae, Moskva, Nauka, 1966—385 p

MANDRELS AND ARBORS see Arbors and mandrels

## MANGANATES

Electrochemical evidation of the manganate ion to per manganate. M. N. Machulkin and others. Trudy GIPKH no. 17,81-92 182

#### MANGANESE

Studying the nitration kinetics of metallic manganese. I. B. Baratashvili, V M. Berczhiani Soob AN Giuz SSR 27 no 2 160-172 Ag '61

## MANGANESE—PHYSIOLOGICAL EFFECT

Effect of manganese on secretory activity of parothil gland in sheep M.A Rozybakiev Trudy inst, fiziol. AN Kazakh SSR 10 85-80 166

#### MANGANESE CARBONY L

Hydrogen isotope exchange reaction of alkyl-substituted cyclopentadienyl manganese tricarbonyls in acid media, A N. Nesmejanov and others Izv AN SSSR Ser khim, no 1 30-33 Ja 467

#### MANGANESE-LIQUID-SILICON ALLOYS see Liquidafficon-manganese affoys

MANGANESE ORES see subdivision under Kazakhstan

#### MANGANESE OXIDES

Characteristics of paraffin exidation by air with the addition of active manganese dioxide A.A. Perchenko Masi -zhii prom. 32 no 10 28-27 O 166

Effect of freezing on sorption characteristics of iron hydroxide and manganese duride V.V.Volkhin, V I Zolotavin Zhur pikl khim 34 no.6 1218-1225 Jc

Removat of hydrogen sulfide from gas in the "boiling lay-er" of manganese slime, 14. Buchukuri V Chaguniva. Soob AN Gruz, SSR 26 no 6 659-664 Je 161.

#### MAN GANESE SALES

Chemism of interaction of peroxide radical with manga-ness stearate. V. M. Gol'dburg. L. K. Obukhova. Izv. AN SSSR. Set. khim. no. 12:2217-2218 '66.

## MANGANESE STEEL

Machining high-manganese steel GI3L, S N Filonenko, N S, Molodtsov, Tckh, 1 org prozzv no 6-38-10 N-D 166.

## MANGYSII LAK PENINSULA

Mangyshlak is a fierce island, S.Smorodkin, Mol. Forum, no 4 63-66 ** 66**

## MAN GYSH LAK PENINSULA-AMMONOIDEA

Karamaites, a new genus of ammonites from Viscon sediments in the eastern Mangyshlak Peninsula, M. I. Sokolov. Biul, MOIP, Otd, geol. 36 no. 5:152 S-O

## MANGYSIILAK PENINSULA-BORING

A 10t depends on petroleum prospectors. A. Kuvanyshev. Nar khoz Kazakh 24 no. 12 74-76 p '66

## MANGYSH LAK PENINSULA-C LAY

Fresh water clays for drilling muds in Mangyshlak Pennasula. N Perfiltev, N. Nabokov. Neftianik il по 8 25 Ад '66,

## MANGYSHLAK PENINSULA-DRILLING MUDS

Presh water clays for drilling muds in Mangyshiak Peninsula, N Perfilter, N. Nabokov, Neftianik 11 no 8 25 Ag *56,

# MANGYSHLAK PENINSULA-GAS, NATURAL-GEOLOGY

Analysis of geologic development of Zhetybay and Uzenioli and gaa-bearing structures (southern Mangyshlak), V. A. Benenson, K. K. Tumarev. Geol, nefti i gaza 10 no. 12-35-37 D 168.

#### MANGYSHIAK PENINSULA-MINERALOGY, DETER-MINATIVE

Mineralogical composition of the rocks of the Kara-Tau complex in the Mangyshlak Peninsula. B. A. Korzhenev-skii. Biul. MOIP Cid. geol. 36 no. 3;108-119 My-Je 161.

#### MAGNESIUM

Machesium in bottom sediments of northern seas of the So her Union and its biological significance Gorshicka. Trudy VNIRO 60 89-102 '66

MAGNESIUM-ALUMINUM ALLOYS see Aluminummagnesium alloys

#### MAGNESIUM CHIORATES

Electrochemical a paration of magnesium chlorate from natural magnesium chloride brines. M.N. Michulkin and other. Trud. GIPKH no. 47 72-77 162.

#### MAGNESIUM CHLORIDE

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# MAGNESIUM ISOTOPES-PHOTOELECTRIC PROPER-

Spectral method for determination of isotopic composition of magnesium. A G Zhigling H, E.R. I aforma. Zhin priff spekt 5 no 5 o57-561 N '66.

MAGNESIUM ORGANIC COMPOUNDS see Organomagnesium compounds

#### MAGNESIUM OXIDE

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O chall processing debrondnated Swash brines to niagneshum o ides for the manufacture of rich actories and heat insulating "sovehit" material. B A. Shoikhet, B. IU. Lange Trudy GIPKH no. 17 12-18 '52

#### MAGNESIUM OXIDE -SPECTRA

Application of magnesium ovide in spectrophotometry, V.N. Vyshnev 5 kvi. Ukr fiz., zhur 4 no. 5 629-633 3-0 159.

#### MAGNESIUM SULFATE

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#### MAGNETIC AMPLIFIERS

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Using magnetic amplifiers for controlling asynchronous Single-resource ampointers for controlling asymmotics. Short-circuited motors for machine-loof dives. V. Ludenvon, O.N. Putfenovich, I. P. Petroy. Stan. 1 msti. 37 no 12 12-15. D. 166

## MAGNETIC ANOMALIES

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Correlation scheme of formation of geological elements along gravity and magnetic anomalies. G J Karataev, IU M. Gusev, A V Chernyi, I'v AN SSSR I iz. zem no ii, 15-54 186

Karataev, G.I. |Correlation scheme of the geological interpretation of gravity and magnetic anomalies| Korreliatsionnala skhema geologicheskoi interpretatsii gravitatsionnykh i magnitnykh anomalii. Novosibirsk, Nauka, 1966. 134 p.

Scaling  $\Delta z$  or  $\Delta g$  anomalies upward of curved observation surface A M Polonskii lzv AN SSSR, Fiz. zem. no. II 77-82 166

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### MAGNETIC CIRCUITS

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taga 10 no 117-19 N '68

Check of the symmetry of the magnetic circuit of ejectic locomotive traction motors, G, M Belichenko, IU. N. Naumenko, V. A. Krasil'nikov, Elek, i tepi tlaga 10 no 12-14-15 D '68,
Concerning the distribution of magnetic inductance in the air gap of multistage transverse field amplidynes, V M, Maniedov Shor rab po vop elektromekh, no 4 112-120 180. 122 160.

122 750, Demin, E.A., and L.A.Chinenkoy. [Magnetic switching elements in radioelectronics] Magnitude kommutatsion-nye elementy radioelektroniki. Moskya, Mashinostroe-nie, 1966, 421 p.

Determination of optimal power polynomial for the approximation of a principal magnetization curve. A. M. Barndas, IU. A. Savinovskii, A. S. Gantsovskial Izv. vys., ucheb. zav., elektonekh 9 no 12-1294-1296 66.

Lipman, R. A. [Magnetic storage counters] Magnituy C nakopitel'a, e schetchiki Moskva, Energila, 1967 1 (Biblioteka po avtomatike, no 220)

Magnetic field in the channel with quadratic cross section S. A. Gamzaeva, E. I. IAntovskii. 12v. AN 588R, Pinerg 1 tr-nab no 6 80-83 N-D 166

Modeling of a saturated magnetic current of an electric traction motor using clocitically conductive paper V. I Volchenskov, Izv. AN SSSH Energy transpone 644-50 N-D 166.

Modeling of the magnetic fields of the frontal parts of electrical michines using a scalar magnetic potential K-5 Demirchia. Ity AN SSSR Energy transp. no 6

Problem concerning the construction of the imagnetic curcutt of an electric machine using magnetic monisotropic steel F G, Kasharskii Shoi i ah, po vop, elektronickli

Semigraphical determination of logges in steel during composite magnetication A R. Ogoi chak 1/v, 1956 aclieb, 'av., elekți omekh 9 no, 12 1294-1301 (66,

Use of mathematical modelling techniques in the calculation of systems with per manent magnets. V. V. Kogenbalm, V. I. Shatmorskin, Lee wes, ucheb zav., elektromech. 9. no.12 1302-1306, 166.

#### MAGNETIC FIELDS

Effect of constant electric and magnetic fields on the optical properties of monarial crystals in which excitons are generated. IV. A. Tsvirko. Uhr. fiz. zhur. 1 no, 5:654 863 S-O 159

Effective magnetic field on Nb and Ta nuclei dissolved in son A. V. Kogoa, C. I. Nikotha Piz two stein S no H, 3410-341 N 166.

Generation of collisionless shock waves propagating along magnette field. III F Nesterikhin A G. Ponomarenko B. A IAblochnikov. Ptsl v red. Zhur eksper, i teoret fiz. 4 no 18 403-409 N lbC.

Kartsey, V. P. [Ultrahigh intensity magnetic fields]
Sverkheill nye magnilnye polta. Moskwa, Zmanie, 1997
60 p. (Novee v zhizni, nauke, tekhuike, IX Seriia
Fizika, astronomija, 2)

Magnetic field in the channel with quadratic cross section 5 A, Gamzacva, E I IAntovskii Irv AN SSSR, I mag i transp no 680-83 N-D 56

One method of studying magnetic breakdown in metals.

A. Slutskin Pist v red Zhur eksper, i tooret, fiz.

4 no. 3.96-99 Ag 166

Oscillation dependence of the surface resistance of a metal on a weak magnetic field M S Kholikin Pist vield, Zhur eksperil teoretifiz 1 no. 5 151-159 3 166

Parametric resonance in effective field. I N. Novikov, V. G. Pokazan'ev. Pist, vieg. Zhut eksper, i teoret, fiz 4 no, 40 393-396 N 466.

Rote of space charge and discharge mechanism in coldcathode minometer BA Sharevelkyi Uki IIz chui II no 12 1355-1363 D 166

Studying magnetic field of spirk generating in focusing laser radiation. V. V. Korobkin, R. V. Serov. Pist v. 1ed Zhur, eksper, i teoret, fiz. 1 no. 3403-166. Ag. 166,

Studying magnetization processes in a region of strong fickie of ferromagnetic materials made of compacted ferromagnetic particles V, V, Parfenov, IU, A, Lobanov, I, V, Ivanova Fiz. met i metalloved. 22 no.4:569-573 991 0

Theory of kmetic transfer coefficients in organic semiconductors. Part 2: Reluctance in a wour magnetic field (approximation of high temperatures). S. I Kubarev. Teoret. 1 eksper. khim 2 no. 5 658 -662 S-O 166.

Tunnel current from second-group superconductor into normal metal. H. A. Rohidze, Uki, fiz zhan. Il no 12-1307-1310. D. 108.

Turbulent flow of a conductive liquid in an annular channel in presence of a circularly rotating magnetic field, A. V. Ivanov-Smolenskii, G. S. Tamaoian. Izv. AN SSSR. Energ 1 transp. no. 6:11-79 N-D 160.

## MAGNETIC FIELDS-MEASUREMENT

Calculating the magnetostatic field of surface deficts, Part 1: Topography of the field of defect models, N.N. Zatsepis, V.E. Sheherbinin, Defektoskopita 2 no. 5:50-59 '66,

no, 5;30-59 '90, Calculating the magnetostatic field of surface defects, Part 2: Evpo inental verification of the principal calculated regularities. V. E. Sheherbinin, N. N. Zatsepin, Defektoskopiia 2 no, 5:59-65 '66.

## MAGNETIC FIELDS (COSMIC PHYSICS)

Some concepts on origin of magnotic fields of planets. K.V.Brodovitskii Nauch trudy TashGU no.234. Gool. nauki no.20:105-206 '64.

## MAGNETIC MATERIALS

Effective magnetic field on Nb and Ta nuclei dissolved in iron. A.V. Kogan. E. I. Nikulin. Fiz. tver. tela 8 no. 11; 3410-3411 N '68.

Lysachenko, I.A. [Electric and radio-engineering materials] Elektro-radiomaterialy. Moskva, Sviaz', 1967. **1**95 p.

Magnetostriction of ferroxplana. IE. S. Borovyk, A. P. Dykyl, IU. O. Mamalui. Ukr, fiz. zhur. II no 12 1341-1344 D 466.

Mokhel', La La, and N.N. Shruykova. [Statte and began parameters of small cones from 70kM after sheet rebon with a thickness of 2µ.] Staticheskie r tripper amenty mategatarilnykh seydechalkov Lenty splava 70kM tolshehinoi 2 mk. Moskyr, 12° 5-22 n

#### MAGNETIC MEASUREMENTS

berromagnetic probe coording force meter for q = 0 control of heat treatment,  $(V, M, V, \text{interval}) \in \mathcal{X}(V, M, V, \text{million})$ . But the different forms of the following the state of the state of

#### MAGNETIC MEMORY (COMPUTERS)

Reading of information from shift registers is the landback of V. 1 Filippov, A. N. Rudchenkor of vop elektromeide, no. 4:226-235-156.

#### MAGNETIC RECORDERS AND RECORDERG

Barbanett, S.R. [Magnetic phonogram of a mode of the flim] Magnetical fonogramma kinofilm, N. . . Iskusatvo, 1968. 191 p. (Biblioteka Fluoria Fl Magnetic ionization manometer, V. M. Havislet fiz. zhu. 4 no. 50/20-681 5-0 06.

Magnetic recording of dynamic processes in teach " rolling stock. A.D.Skilov, G.M.Frolog, 15 Vest, TSNII MPS 25, no. 0:37-40, 460

Phase characteristic m magnetic recording (4.35%) Tree - Radiotekhnika 22 no 1910 (106.4%)

#### MAGNETIC SEPARATION OF ORES

Using magnetic separation for verificable  $\alpha_1$  ,  $\alpha_2$  . Diomidov, V. L.Rovniybav,  $\alpha_s$  P.Diomidov, V. L.Rovniybav,  $\alpha_s$  P.Diomidov,  $\alpha_s$  , government 10 and 1463-166 $\beta_0$ 

#### MAGNETIC STORMS

Zevakha, R.A., E.V. Lavrova, and L. N. 1404. (3)

[Principles of abort-range prediction of logographic storms and radio-propagation for a service, a manual [Onovy prognozina and a service]. radioprognozov, rukovodstvo. Olwied, 1,11,1/2-Moskva, Nauka, 1967, 72 p.

MAGNETIC TESTRICE
Automatic correstancter for quality contrible?

It cannot not correste for elimination of the following to the contribution of the contribution of the following to the following the fo

Connection between coercive force and meet at left properties of IOKhNMA steel, M. N. Miller f. Kokhman, V. A. Imaganova. Detection of the coercive and the contract of the coercive state of the coercive state.

Magnetic check of the depth of decarling knot and high lardened by the on steel party by me ones, it local fields residuel magnetization, 6, 9, 1, 2. Defektoskopila 2 no. 5:60-95 '16. Magnetic checking of the quality of call backets, 1, 2, 40 the backets.

40 the Studying from oxide reduction with use of the u + 1 method Z. I Ni kranov and othern, for Yearn, 15-13 Jack 267

## MAGNETISM, TERRESTRIAL

(see also subdivision under Antarctic region) Dependence of Sy magnetic vincouity coefficient

in territion of forcomagnetic grains (V.A. 2015) - 1 V. Roleintkov, Tzv AN 958R, Pizzono, 1 o C. 1, 127-160

MAGNETISM, TERRESTRIAL -- MICASURIAM '11 *. subdivision and a Antasette sealous

(see also soldivision under Dashkeson rest 1. Azerbaijan, Kuznetsk Alatau, Sayan Moan' († 4)

Cathodic reduction of magnetite over, V.D att at.

E. F. Zavgoredninda, V.I. Afmanenko, Zh.; S. F. J. Zavgoredninda, V.I. Afmanenko, Zh.; S. J. 10, 6 1271-1275. Je. 10. Certain fratures of gold mineralization in his core deposit area and magnetite of "Raise tradeposit. A. IA. Rolyanikov, V. N. Sergera, 14. TGU 164,96-104. 163,

Private provided the planet of magnetite on calcite, it was a live Besedin. Min, show 20 mo. 4-56? 5%, 44 literant structure and generic of mineral facts free and provided by study of magnetic, V. N. Serper Karlmin. Min show, 20 no. 4:507-50 Me.

### MAGNETIZATION

Large magnetization discontinuities in its office to at detum per mulloy films. B. V. Vastilev. A, 12 4 Pist, v red. Zhin, eksper, t teoret, fiz. 1 1 1 1 4 2 4 5 N 106.

Studying magnetization processes in a region of a tra-fields of ferromagnetic materials made of tra-ferromagnetic particles. V. V. Parfents, 10, 2, 1 a L.V. Ivanova. Fig. met. i metalloved. 22 as \$15.5 (1) O '66.

Temperature dependence of the magnetechies of a sefect in cobalt single crystals. V.L. Bancock F. L. Donisov. Lev. vys. ucheb. zov. 1 ftz. 9 no 61447 it. 1. c.

#### MAGNETO -OPTICAL EFFECT

Magnetooptical measurements as source of information about electron structure of ferromagnetic nickel L A Afanas evas. G. A. Bolotin, M. M. Nosbov, Fiz. met., metalloved 22 no. 6,421-312 ) 65

#### MAGNETO-OPTICS

Magneto-optical modulation of infrared radiation trom a 653 laser. M.V.Chetkin V.S. Solomatin. Fix two left B no 103388-3390 N 466

# MAGNETOE LECTRIC MACHINES-DESIGN AND CON-

Certain problems in the dynamics of vibrating machines with electromagnetic vibrators B. I. Krinkov, V. I. Leskevich Gor elektromekter ivtom, no 1143-150 (65

#### MAGNETOHYDRODYNAMIC GLNERATORS

Prospects for magnetohydrodynamic ship propulsion A. F. Baranov. Sudostroute 56 no 12:3-6 D 166.

#### MAGNETOHYDRODYNAMICS

t slutional character of oblique shock waves in magneto-hydrodynamics - K P Cherkusova, Ukr fiz, zhur - II no 12,1302-1306 - D (66

hydrodynamies and technology] Magneto-hydrodynamies and technology] Magnetohtdrodtnamika un tefunka, Riga, Liosma, 1966, 72 p. [In Latvian]

Vignetohydrodynamic method of electric powrr produc-tion A. P. Salikov. Teploenergetika 7 no 8 86-87 Av 460.

Stability of transverse oscillations in the quasi-uniform thus of a conducting gas, P. V. Arthushkov. Feplofiz, tys.temp. 4 no.6 776-785 N-D 166.

Sterily-state convection in the presence of an external magnetic field. IU P foundity, G. N. lakovicy, Priki, mat. i mekh. 30 no 6 1140-1146. N-D '66,

Variational principle in magnetohydrodynamics, R. V. Polovin, L. O. Akhitezer, Ukr. ftz. zhu. 1 no. 5; 6/7-678 S-O 150.

# MAGNETOHYDIK DYNAMICS-INDUSTRIAL APPLICA-

Vesekov, I. V., and A. V. Fglitts. [Using magnetohydro-dynamic floating pump in conveying liquid zinc]
Transport rhidkogo tsinka pri pomoshchi magnitogidro-diamischeskogo nasesa plavaiuslichego tipa. Riga,
Latviiskti respubl. nauchno-tekhn. in t, 1966. 20 p.
(Listok tekhnicheskol informatsii Mashinostroenie L priborosti cente)

#### MAGNETOMETER

rensitive ferromagnetic probe magnetometri. M. A. Videnev and others. Defektoskoplia 2 no. 5:66-69

## MAGNETORESISTANCE

Character istics of transverse magnetoresistance of gado-Hainm single ceystals. N. V. Volkenshtem, V. P. Diakinn. Plat, v red Zhen, eksper, i teoret, fiz. 4 no. 10: 306-400 N 166.

Magnetoresistance oscillations of tellurium. D. V. Mashoveta, S. S. Shalyt, Pist, vied, Zhur, cksper, i teoret. fiz. 1 no. 9:362-364 N 466,

#### MAGNETOSTRICTION

Magnetostriction of ferroxplana, H'S Borovyk, A. P. Dykyi, IU, O, Mamaini Ukr, fiz zhut II no. 12 1341-1111 D 166.

Magnetostriction of rare earth gallate-garnets, K.P. Belov, V.I.Sokolov, Ped. vied, Zhur, eksper, i tearet, fiz. 1 no. 5:180-108 5 166.

Femper dure studies of the magnetosti iction of the FeCo alloy. K. K. Hogma, V. V. Zubov. Irv. vys. ucheb. z.w.; fiz. 0 no.6;115-147 'b6

### MAGNETS

Liementary physics of permanent magnets. M. A. Grabov-

skit. Vech, med. shkoh 9 no. 3:53-58 My-Je 68. A. Grabov-skit. Vech, med. shkoh 9 no. 3:53-58 My-Je 68. My

## MAGNITO CORSK-ROLLING (METALWORK)

MAGNITUCOTHSK—IGULING (METALWOIK)
Studying the 2500 continuous hot rolling sheet mill of
Magnitogorsk Mctallurgical Combine with a view to
determine parameters for the system of automatic
thickness regulation, V. M. Burdin, D. A. Molgachev
R. A. Trubnikov, Shor, it ud, TSNIICHM no. 44:15-34

MACINTIO CORSK-NO LLING MILLS-DESIGN AND CON-

MACHICUCION—RUbbled on Blad Struction
STRUCTION
Developing and adopting a pilot plant model of dynamometer with inductive transducer on the 2350 mediumtitickness sheet until of the Magnitogersk Metallurgical
Combine, V. G. Grosval'd and others, Shor, trud,
TSNIICHM no. 44,124-130 '66.

MAHMUD IBN al-HUSAIN, al-Kashgharī, lih cent.
Phonotile terminology in Mahmud al-Kashgharīb dictionary
"Diwān lughāt al-Turk." T.A. Borovkova. Izv AN
SSSR. Ser. ik. i iz. 25 no. 6,328-531 N-D '66.

MAIAKOVSKII, VLADIMIR VLADIMIROVICH, 1894-1930 Characteristics of the reading of verse by V. V. Mainkov-skii, F. D. Dmitrieva, Nach, shkolu 35 no. 2-21-24 F 187.

More about A Metchent o's book "Manakovskil's works " L Lazarev 'lo, mir | 38 no in 240-215 O '62 L Lazarev 'lo. mn: 38 no no 240-25 0 '62

Vladimir Maiskovskui's "Left march" in Poland
Florian Musskawskui's "

MAIAKOVSKII, V LADIMIR V LADIMIROVICH, 1884-1930-TRANSLATIONS, UZDEK

Rasuli, M.M. [Maiakovskii's poetry in Uzbekistan]

Poczjia Maiakovskogo v Uzbekistane. Tashkent,
"Nauka" UzSSR, 1065—157 p.

## MAISKII, IVAN MIKHAILOVICH, 1884-

Purst steps of an ambassador from recollections 1 M Matshii Nov mir 38 no 10 Hit-193 O '62

## MAIZE see Corn (Maize)

## MAKHACHKALA-FISH, CANNED

Change in the construction of scaling accide of the "Nagema" paste canning machine. M.N. Glotor, Kh D Dahmarov. Ryb prom 55,15-16 '60

#### MAKHACHKALA-DISTRIBUTIVE EDUCATION

In a commercial school, K Pavlitskaia, Sol, torg. 40 no. 2,55-56 F *67.

# MAKHARADZE DISTRICT-WAGES-COLLECTIVE

Material self-interest of collective formers is a guarantee of the development of communal economy. F. K. Zaka-11dze - 12dd, Thil GU 112123 134 165

#### MALEIC ANHYDRIDE

Kinetics of structural Isomerization of the adduct of reaction of 5-methylcyclopentadiene with maleic anhydride. V A, Mironov and others 12v. AN SSSR. Ser khim. no 12:2213-2215 466

## MALI-COMMERCE

Government and private sector in the economy of Mali, N. Kovrigina, Mir. ekon, i mezhdunar, otn. no 1:127-132 182.

#### MALI-EDUCATION

Short reports. Nar. obr. no. 1:101 Ja 467.

#### MALI-GOVERNMENT OWNERSHIP

Government and private sector in the economy of Mali N. Kovrigina, Mir evon, f mezhdunar, otn., no. 1127-132 167.

#### MALICIOUS PROSECUTION

Who spoke the truth? (To be concluded). V.Kuteinskov Sov.inst. 31 no.3,24-25 F 167.

#### MALONAMIDE

Complex formation of malonic acid diamide with nitrophonols, B. V. Tionov, A. P. Izakenaite, V. D. Golltsee, Tiudy IGU 185 11-16 165.

## MALTA-MILITARY BASES, AMERICAN

Another American base? M. Vladaminov. Mezhdonar, zhizu! 14 no. 2:135-136 | 67.

#### MAMMALS-EMBRYOLOGY see Embryology-Mammals

#### MAMMARY GLANDS

Participation of thyroid gland in regulation of relationship between secretory activity of stomach and mam-mory gland in lactating animals K. T. Tashenov, R. M. Troffmova. Trudy Inst. fiziol, AN Kazakh SSR 10:133-

### MAMMARY GLANDS-BIOPSY

Use of the biopsy method in the study of blood capillates of the mammary gland. A.V. Gostev. Bull.eksp.biol. i med. 63 no.1:103-105 Ja '67.

#### MAMMARY GLANDS—INNERVATION

Akademila nauk SSSR. Institut fiziologii. [Neurohor-monal regulation of lactation] Neiro-gormonal'na la reguliatsila laktatsii. Moskva, Nauka, 1966. 234 p.

Mechanism of reflex effect from mammary gland on secrotton of bile and pancicatic juice in animals, K. T., Tashenov, Sh. D., Simbinov, F. IA, Kusebaeva, Trudy Inst, fiziol AN Kazakh, SSR 10 126-132 486

Role of compensatory processes in the regulation of se-cretory activity of a denorvated mammary gland in goats. G. B. Tverskoi Fiziol. zhur. 52 no. il 1388-1373 N '00.

Role of hormones in the regulation of correlations between the mammary gland and the gental system. V.V. Uzbekov. Fiziol.zhur. 52 no.12;1476-1480 D '65.

## MAN-INFLUENCE OF ENVIRONMENT

Borisovskii, G. B. [Man as the measure of things] Chelovek - mera veshchei. Moskva, Iskussivo, 1968, 140 p.

Drozdov, A.V. [Man and social relations] Chelovek i obshchostvennye otnoshendla. [Leningrad] izd-vo Len-ingr.univ., 1966. 122 p.

Pilatov, P. N. [Steppes of the U.S.S.R. as a factor in the material life of society, on the relationship between nature and man] Stepi SSSR kak uslovic material not zhizni obshchesiva, k probleme - priroda i chelovek, IAroslavl' (Verkine-Volzhskoe knizimoe izd-vo) 1966,

#### MAN—INFLUENCE ON NATURE

Pilatov, P. N. (Steppes of the U.S. S. R. as a factor in the material life of society, on the relationship between nature and man] Stepi SSSR kak uslovic material nor zhizni obshchesiva, k probleme - priroda i chelovek laroslavi (Verkhne-Volzhskoe knizhnoe izd-vo) 1966 235 p.

#### MANCHUS

[Manchu lule in China]] Manchzimrskoe vladychestvo v Kitae Moskva, Nauka, 1966 385 p

MANDRELS AND ARBORS see Arbors and mandrels

#### MANGANATES

Electrochemical oxidation of the manganate ion to permangonate M.N. Machulkin and others. Trudy GIPKH no 47 84-92 162.

Studying the nitration Finetics of metallic manganese, I B. Baratashvili, V. M. Berezhiani Sool, AN Gruz, SSR 27 no 2169-172 Ag '61

#### MANGANESE—PHYSIOLOGICAL EFFECT

Effect of manganese on secretory activity of parotid gland in sheep M A Rozybakiev. Trudy Inst, fiziol AN Kazakh SSR 10 85-89 '66

#### MANGANESE CARBONYL

Hydrogen isotope exchange reaction of alkyl-substituted cyclopentadienyl manganese tricurbonyls in acid media A, N Nesmeianov and others Lzy AN SSSR Ser khim, no 1 30-33 Ja 167

MANGANESE -LIQUID-SILICON ALLOYS see Liquid-silicon-manganese alloys

#### MANGANESE ORES see subdivision under Kazakhstan

#### MANGANESE OXIDES

Characteristics of paraffin ovidation by hir with the addition of active manganese dioxide A A. Perchenko. Masi -zhii prom. 32 no 10 26-27 O 166.

Effect of freezing on sorption characteristics of iron hydrovide and manganese dioxide V.V.Vol'khin, V.L. Zolotavin Zhur prikl khim 31 no 6 1216-1225 Je

Removal of hydrogen sulfide from gas in the "boiling lay-er" of manganese stime. IA. Buchukuri, V. Chagunava Soob AN Gruz SSR 25 no 6 650-664 Je 161.

## MANGANESE SALTS

Chemism of interaction of peroxide radical with manga-ness stemate. V. M. Gol'dberg.- L. K. Obukhova Izv. AN SSSR. Ser. khim. no. 12,2217-2218 166.

## MANGANESE STEEL

Machining high-manganese steel Gl3L, S N, Filonenko, N, S, Molodisov, Tekh, 1 org piotzy, no, 8;38-40 N-D 166

#### MANGYSH LAK PENINSULA

Mangyshlak is a fierce Island. S. Smorodkin. Mol. komm no. 4 63-68 166.

## MANGYSH LAK PENINSULA-AMMONOIDEA

Karamaites, a new genus of emmonites from Vracon sediments in the eastern Mangyshlak Peninsula. M.I. Sokolov, Blul, MOIP, Old, geol. 36 no. 5;152 S-O

## MANGYSH LAK PENINSU LA-BORING

A lot depends on petroleum prospectors A. Nar. Phoz. Kazakh 24 no 12-74-76 D 166 A. Kuyanyahay

## MANGYSHLAK PENINSULA-CLAY

Fresh water clays for drilling muds in Mangyshlak Peninsula N. Perfli'ev, N. Nabokov, Neftianik II no. 6:25 Ag '66

## MANGYSHIAK DENINSHIA-DRILLING MIDS

Fresh water clays for drilling muds in Mangyshlak Peninsula N. Perful'ev, N. Nabokov Neftianik II no. 8-25 Ag '66.

#### MANGYSHIAK PENINSULA-GAS, NATURAL-GEOLOGY

Analysis of geologic development of Zhetybay and Uzen' oil-and gas-bcaring structures (southern Mangyshlak). V. A. Benenson, K. K. Tumarev. Geol. neftl i gaza 10 no. 12 35-37 D 168.

# MANGYSHIAK PENINSULA-MINERALOGY, DETER-

Mineralogical composition of the rocks of the Kara-Tau complex in the Mangyshlak Peninsula. B. A. Korzhenev-skii. Biui, MOIP Oid, geo!. 38 no. 3 108-119 My-Je †81.

#### MANGYSH LAK PENINSULA-PETRO LEUM GEO LOGY

In district of peologic development of Zhetybay and Uzeni (district gas-be tring structures (southern Mangyshlak) V V Bettenson, F K Tumarev Geol neith I gaza 10 no. 12 35-37 D 160.

Some results of comparative study of hydrology of Mesoofe complexes in eastern Ciscaucasia and South Mangy-shipk Trough V N Kortsenshtein Dokt AN SSSR 167 no. 2 409-412 Mr 166.

#### MANGYSH LAK PENINSULA-PETROLEUM PRODUCTION

Giant start of Mangy-blak A Laletin, Neftianik II no 9 10-12 5 '66,

#### MANGYSHLAK PENINSULA—SUBSIDENCES (EARTH MOVEMENTS)

Case of noncompensated depression under conditions of a young platform in the Oligocene of the southern Mangyshila! Pennaula, A.S Stoliarov Biul, MOIP, O'd geol. 30 no 5 55-78 S-O '61.

#### MANIC -DEPRESSIVE PSYCHOSES

Correlation of conditionally conditioned and conditionally unconditioned (Cartions in manic-depressive psychoses (during the depressive phase) and in schizophrenia with a depressive syndrome P. G. Smrtannikov (Trudy) GIDUV no 4/105-204/462

Correlation of motor and vegetative unconditioned reactions in manic depressive psychoses (during the depressive phiso) and in schizophrent with a depressive spiral manic P G Smetannifor Triady GIDUV no 4 188-194 162

Disorders in the higher nervous activity in manic-depressive paychoses Li Tkhe Trudy GIDUV no. 1 175-187

Frect of carbocholine on the higher nervous activity in manic depressive paychoses (during the depressive phase) and in schizophicma with a depressive syndrome, P. G. Smetannikov. Trudy) GIDUV no. 4:205-218 162.

Romew of E.S Arerbukh's book "Depressive states," N.N Timofecv Zhur nevr i psikh 62 no li 1740

#### MANIFOLDS (MATHEMATICS)

Isymptotic behavior of the number of closed geodesics on compact manifolds of negative curvature 14, G Smail Izy AN SSSR Ser, mat 30 no 6 1275-1296 166

Differential accepts descent method for solving n-dimensional variational problems. S.I. Al'ber, IA, I. Al'ber, Doll, AN SSSR 171 no. 6:1247-1250 D '66,

Lie groups transitive on compact manifolds. A.L. Onishchik. Mat. sbor. 71 no. 4:483-494 D '66. Some submanifolds of a congruence of serew lines. L. A. Zurny shkina. Trudy TGU 181-98-96 '65.

Topological imbeddings in manifolds, and pseudoisotopy. Luidmile Keldysh. Mat. shor. 71 no. 4:433-453 D 466.

## MANNICH REACTION

immomethy lation of ethylforrocenc. L. S. Shiloviseva and others. Izv. AN SSSR, Ser. Phim. no. 12:2239-2240

#### MANOMETER

Role of space charge and discharge mechanism in cold-cathode manometer. B A Sharcvs'kyi Ukr, fiz zhui li no 12,1355-1363 D *66

Methodology and diagnostic significance of manometry and kymography of the esophagus. 5, N. Vantsinn. A. L., Grebenev. V. I. Chissov. Grud. khir. 9 no.1:96-102 Ja-Γ '67.

#### MANUAL TRAINING

Developing the students' technical creativity, V.T.Tel'-nov. Shkola i proizv 10 no.12,17-18 D '86. Our opinion on the grading of manual-training. V. M. Lutiov. Shkola i proizv. 10 no.10:20 O '66, It attning the teachers of industrial education in Kuybyshev Province. I M Goncharov. E. V Zudin, V. M. Medwedev, Shkola i proizv. 10 no.10:76-78 O '66.

#### MANUFACTURES

Cooperation as a way to the effective use of materials. B.IA. Ivanov Kozh. - obuv. prom. 8 no.11.7-8 N '66.
Orlov, N.F., M.V. Androsova, and N.V. Vvedenskii.
[Silicon organic compounds in the textile and light industries] Kremnilorganicheskie soedinenia v tekstil'noi i legkoi promyshlemosti. Pod red. M.G. Voronkova.
Moskva, Legkaia industriia, 1966. 238 p.

# MANUFACTURES—ABSTRACTS

[Light industry] Ref. zhur. Leg. prom. no. 2 F '67. Avtorskit ukazatel' za 1966 g.

## manufactures—classification

Methodological problems in the classification and coding of industrial production. M V, Orlova, D M, Malkin Stand, i kach 30 no. 11 41-44 N 466.

## MANUFACTURES—EXHIBITIONS

In honor of the 50th anniversary of the Great October Socialist Revolution. T. D. Makhovikova. Kozh. -obuv. prom. 8 no.12;5-6 D '66.

#### MANUSCRIPTS, ARABIC

An illuminated manuscript of an Arabic translation of a Greak chronicle of the 17th century A I Milhaflov ( Palest shor, no 15,201-207

MANUSCRIPTS, CHINESE see subdivision under Mongolia, Innei

MANUSCRIPTS, GRECK see subdivision under Leningrad

MANUSCRIPTS, SAMARITAN see subdivision under Leningrad

#### MAP PROJECTION

Investigating the shape of the first type of evelic curve on Mercatoria projection of an ellipsoid B. A. Vull-fovich lzv vys ucheb zav "good i netof, no. 6 21-26

#### MAPS, EARLY

The so-called first map of Vulland, M. A. Logan Lev, Vses, geog ob-va 98 no. 6:169-176 N-D '66

#### MARCINKEVICIUS, JONAS

Confession of a young contemporary B, Runin, Nov. mi. 38 no 12:252-256 D '6"

#### MARES

(see also subdivision under Kazakhstan)

Lactation reflex in milking mares with modified "Femp" apparatus Kh. Diusembin Trudy Inst fiziol AN Kazakh SSR 10;148-152 '06

#### MARES—PHYSIOLOGY

Effect of mulking stimuli on blood supply level in udder of mares. Z Ahakharova, Kh Diusembin. Trudy Inst fuziol, AN Kazakh SSR 10 153-157 166

#### MARGUERITE BAY REGION-GEOLOGICAL TIME

Absolute age of some rocks from region of Marguerite Bay, Antarctic Peninsula G P. Grikurev, A.IA. Krylov, IU, I. Silin. Dokl. AN SSSR 171 no 6:1390-1401 D '66.

#### MARI A.S.S.R.—ATHEEM

People who formerly believed in God are the activists of atheistic propaganda now. M. Dibrova. Bibliotekat 14 no. 2 23-26 f '67.

MARINAS-DESIGN AND CONSTRUCTION see subdivision under Leningrad

#### MARINE BIOLOGY-CONGRESSES

Section "Ocean and life" at 2d International Oceanoga aplic Congress, K.V. Beklemishev, A.A. Neiman, G. 1 Semina Oreanologila 6 no 6 977-987 486

Trophodynamics of marine communities; symposium to be held in 1968 by FAO, ICES, and ICNAF 1. G. Vinogradov. Okeanologita 6 no.6 1107-1112 166,

#### MARINE BIOLOGY-RESEARCH

Characteristics of biological regimen of polar hasin and our northern seas, summary and prospects for their scientific and economic development, I.A.Zenkevich, Trudy VNIRO 8049-26 '56.

MARINE BOILERS see Boilers, Marine

### MARINE DIESEL ENGINES

Sque characteristics of the power plant of the motor ship Beloratsk" V.I.Vinogradov Inform.ebor.TSNIIMF no 163.Tekh ekspl mor.fiota no.45;3-12 '66.

## MARINE DIESEL ENGINES-FUEL SYSTEMS

Performance of the chain transmission of the distributing short of the MAH/K6Z57/80C engine. IU.S. Barchat. Inform sbor. TSNIMIF no. 163. Tekh.ekspl mor. flota no. 45, 13-21 '66.

## MARINE DIESEL ENGINES-LUBRICATION

Comparative tests of foreign and Soviet-made cylinder oils in the operation of various engine types on vessels of the Northern Shipping Company. G. P. Moskalev. A. F. Trubin Inform. sbor. TSNIIMF no. 163. Tokh. ekspl. mor flota no 45;22-32 '66,

# MARINE DIESEL ENGINES-MAINTENANCE AND RE-

Analyzing the causes of intensive wear of cylinder bushings and rings of the 550VTBF-110 engines. I. L. Lintov. Inform.sbor.TSNIMF no.163.Tekh.ekspl.mor.flota no.45;33-44 '66.

#### MARINE DIESEL ENGINES-TESTING

Determining the wear of the cylinder-piston group of the 2Chio. 5/13 engine by the method of scavenging. L. N. Karpov. Inform.sbor.TSNHMF no.163.Tekh.ekspl. mor.flota.no.45;45-53 '66.

Studying the thermal state of parts of the cylinder platon group of a low-speed diesel during operation. IU. Samollov. Inform.sbor.TSNIIMT no. 183.Tekh.ekspl mor.flota no.45-88-99 [66].

MARINE ENGINEERING-BIBLIOGRAPHY see Bib-Hography—Marine engineering

#### MARINE PRGINES

Al mov. D. P. [Illstory of the development of a repower plants] Istorita razvitia and was seen at substance of the stanking balance of the stanking and stanking the stanking stanking

Device for lifting (rankshafts in Installi), from the or main morine engines (1, M Lh muchin 1). 55 1-5 60.

Device for measuring the height of the confirst chamber of an engine | W. Khlopkovskii | Record no 53,48-49 [66]

A system for the fing the internal constitution ( ). L. A. Ivanov, T. V. Vornitskii Shoren character ( ). 100-101

Vysota, I.I. [Automated marine steam ca, to a fine of theoretical foundations, and operation] Automaticity vamye sudovye parovye mailing, komotostali teori i ekspluatatsila. Moskva, Itanaport, 100 477 p.

#### MARINE ENGINES-LUDRICATION

Determining the total acidity and botal all draft. eral offa by potentionmetric BG attor. The first inform shor TSNII all no lab Fields of the element of the 84  $^{\circ}66$ 

MARINE ENGINES-MAINTENANCE AND REPAIR Heaton ing and increasing the durability of phoras of med pumper for internal combustion (1, 1) (1) Matavis, K. A. Pody ibilit. Sudostronto (1)

MARINE FAUNA nee subdivision under Derivative Japan Sea; Okhotsk, Sea of

#### MARINE GAS TORDINES

Results of testing gas unbines with free tiplet or, to so on the gas-turbine propelled ship "100000, during operation on heavy tool 13, N/Kolosoft Trubin, International Section 10, 153 (1915), flots no 45 54-61 [96]

## MARINE PUMPS

Conditions of puridied operation of conditions of puridied operation of conditions to the condition to the condition of the c various motheds of level togulation in the A, M, Golovizning (5, B, A), self-cele International Control of the Control of the

#### MARINE RESOURCES

Stepanov, V. N. [Ocean and the future of the control of budushrhee Zemit. Moskva, Znanie, 1964, 57 (Novee v zhizni, nauke, lekhnike. XIII 5 (11) Zemle, 2/J)

#### MARINE SEDIMENTS

(see also subdivision under Franz Josef 12, 13, 1 Japan Sea)

Magnesium in bottom aediments of marthring ass to Soylet Union and its biological algoritic constant Gorahkova, Trudy VNIRO 60:80-10: 16.

MARINE SEDIMENTS-MAGNETIC PROPERTS 1. 1 subdivision under Atlantic Ocean

MARINE STEAM TURBINES one Steam tools and a steam

#### MARINE TURRINGS

Louses near ands of theinlet blading arch for all i stage with partial administer of the world force V.S. Olizmov. Sudostroomic 27 no 1,31-10 for

## MARTTIME LAW

Mikulinakli, E.A. [Proventing collintens of all and a formation of colling and a formation of the colling and a formation of

MARITIME TERRITORY-APARTMENT DOUGLA Introduce electric power into living a midition of Maritime Pertitory, Nastroi, Ros, 1

## MARTTIME TERRITORY-ARCHAROLOGY

Latichev, V.E. [Secret of a stone turtle, 2 decided an archaeological study] Talia karen repakht, dokumental nala povest ob teliena archaekom polake [Novostbirsk] Zapadas dolt, ze knizbnoe izd-vo, 1968 250 p

#### MARTTIME TERRITORY-BATHROOMS - DE dictores CONSTRUCTION

Bathrooms constructed from panets, N Adex 2 offer Rose of no. 323-13 Mr 163,

## MARITIME TERRITORY—BUILDING MATERIALS

Stupachenko, P.P., V.S. Korenbaum, and Ph. Free-kov [Building materials from rocks of the March Territory] Strottel 'nyo materialy la gerrykhip mor'in. Vindivostok, Dal'novostochima knje visitana no m 1005. 100 р.

[MICROFILM]

## MARITIME TERRITORY—NEMATODA

Three new species of gome Paraphelenches (**) ', 1922) Micolatzky, 1925 (Nematoda, Apheles, * ) (1 A.S. Ercshanko, Zool, zhar, 15 no. 12, 1877-1988) ' ;

#### MARITIME TERRITORY-ROCK PRODUCTS

Stupachenko, P.P., V.S. Korenbaum, and I.N. Svininni-kov. [Building materials from rocks of the Maritime Territory] Stroitel'nye materialy iz gornykh porod Pri-mor'ia. Vladivostok, Dal'nevostochnoe knizhnoe izd-vo, 1965 198 p

[MICROFILM]

## MARITIME TERRITORY-RUNOFF

Formation of runofi on slopes with relative confining ormation of runon on stopes with relative confining stratum occurring close to surface N. D. Shtefan Short tab polydical no 6 155-166 166.

## MARITIME TERRITORY—TILES

Simplified technology of manufacturing ceramic tiles P Dubovik, Nastrot Ros, 1 no 342 Mr. 163,

MARIUPOLITES see subdivision under Ukraine

#### MARKET SURVEYS

Studying the lats market. B. Gogoli, Sov. torg. 40 no. 2 26-20 F 167.

MARKETING see subdivision under Kazakhstan

MARKETS see subdivision under Leningrad

MARKING OF ANIMALS see Animals, Marking of

#### MARKOV, ALEKSEI IAKOVLEVICH

Once again on the way; from the new book of the poet, Aleksen Markov Vinite king 6 no. 6 32 Jr '66,

## MARKOV PROCESSES

Ergodic theorem for Markov processes describing general queuing systems, II, Lzhov, Kiberaetika no. 5: 79-81 S-O 160

Regular boundary points for Markov processes. N.V. Kiylov. Teor. verolat.i or prim 11 no.4:690-695 '66.

Stefan's problem and optimal stopping rules for Markov processes. B.1 Grigelionis, A.N Shnisav. Teor. verofat.i ee prim. Il no.4:612-631 *66

#### MARKIER

Regularize the markup system I, Nikitin Mat, -tekh, anabzh, 1 no 474 O 166,

### MARMOTS

Law subspectes of Mar mota bobac Mull, and notes on its geographical vaniability V. A Fokanov Zool zhui 45 m. 12.1862 -1866 '66.

MARMOTS-PARASITES see Parasites-Marmots

#### MARNEULI DISTRICT—GRANITE

Genesis of micropegmatite structures and quartz metacrystals as exemplified by the rock complex of the Bardadzori intrusive R I Makashvili, Soob AN Gruz. SSR 26 no 6,675-580 Je 161,

#### MARQUETRY

Schoolchildren are learning marquetry, A,S, Chvorostov, Shkola i proizv 10 no. 10 72-75 O '66

MARRIAGE CUSTOMS AND RITES see subdivision under Turkey

## MARROW

Computative data of the congulogram and B fibrinogen in the plasma of venous blood and bone marrow in donors, IA, K haradchaev Azerb, med. zhur, 43 no. 12:20-22 D 466.

Prevention of death in rats by scieening part of the bone matrow during irradiation N. F. Gronskain. Biul-eksp biol i med. 63 no.1;27-30 Ja 167.

Some indices of the mitotic activity of bone marrow fol-One indices of the initial derivity of none harden in-lowing the effect of ionizing radiation on the body M. N. Gorizontova Med rad II no. 12.55-56 D 166.

#### MARROW-DISEASES

Interpretation of changes in the number of "drumsticks" in mature neutrophils in chronic myelosis in women, V. IA, Shaty, Probl. gemet, i perel, kravi 12 no. 1 51-52 Ja 467.

#### MARROW -- TRANSPLANTATION

Autoiransplantation of bone marrow cells in experimental radiation sickness, G.S.Streim, N.K.Shmidt, A.K. Riabukha, Radiobiologija 2 no. 4 561-566 ¹62

Autotransplantation of bone marrow cells in the treatment of radiation sickness produced in rate by fractional irradiation, G.S. Strelin, N.K. Shmidt, Med. 1ad., 7 no 10 44-51 O 162.

Effect of the taking of hone may row on the morphology of hematopoietic organs of irradiated recipients Zaitseva Arkh, pat. 28 no. 12:38-43 *66. K.K.

Use of auto- and allotrasfusion of bone marrow in conjunction with increased doses of chemopreparations in the treatment of lymphogranulomatosis and tumorous reticulosis. G.E. Kluitsishvill, Probl. gemat. i per cl. krovi 12 no. 1:37-40 Ja 167.

## MARSHAK, ILIA IAKOV LEVICH, 1895~

Poetic encyclopedia, S. Marshak, Vop. lit. 5 no. 9-139-155 S 161,

#### MARTENS

Stone marten, P.N Archeev, Izv. Krym. old Grog. obva. no. 6 209-210 161

#### MARTÍ, JOSÉ, 1853-1895

An apostle of Cuban freedom A. G. Gidom, Uch, 2ap. Kab -Balk gos un no 27:76-92 '65

#### MART'IANOV, PETR ALEKSETVICH, 1835-1866

Petr Mnit'ianov, a peasant who was the correspondent of the newspaper "Kolokol" A V. Kleiankin Vop ist 42 no 1 212-214 Ja '67

#### MARTYNOVICH, P.D.

Taranushenko, Stefan. [P. D. Martynovich; a sketch of his life and work] P. D. Martynovych, narys pro zhvitia i tvorchist'. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry, 1958, 35 p. (CaOTU)

## MARX, KARL, 1819-1883

Analysis of k. Mary's "Economic and philosophical manuscripts " D Markush Nauch dowl vys shkoly, filos marki 4 no 198-198 [6]

K. Mar. on some problems of technological progress under capitalism S. M. Grigor ian. Vop. 1st 1.PSS 11. no. 2.58-67. F. '67.

Monument to the founder of scientific communism
N. Sobolevskii Goi khoz. Mosk 35 no 12 1-4 D 181

MARX, KARL, 1818-1883—BIBLIOGRAPHY see Bibliography—Maix, Karl, 1818-1883

## MARX, KARL, 1818-1883—HOMES AND HAUNTS

The house of Marx, John Williamson, Nov. viem, 25 no. 7:31-32 F '67.

#### MASERS

Use of electron synchrotron as maser. A A Sobolov, I. M Ternov. Pist, vied, Zhur eksper i teoret, fiz., 4 no 3 90-92 Ag 166.

#### MASS (PHYSICS)

Applying the law of mass action to metallurgical reactions with participation of solid and gaseous phases. P. S. Voronisov. Izv. AN SSSR Met., no 192-96 Ja-F ¹⁶⁷.

#### MASS SPECTROMETRY

Porce constants of hydrogen peroxide, N. P. Storchai, V. P. Morozov, Dop AN URSR no 12 1586-1598 466

Mass-spectrometric detection of long-lived auto-ioniza-tion states of Ca* and Sr* ions, S.F. Kum lianov Pist, vicd, Zhur, eksper, I teoret. fiz. 4 no. 9:345-348 N

Mass spectromotric study of toluene transformations on pulledium tape. V. M. Grisznov. A. Sanches, K. Malf-donado. Dokl. AN SSSR 171 no. 6 1358-1360 D 166.

#### MASS TRANSFER

Analogy between heat exchange in bolling and mass exchange in heter ogeneous reaction accompanied by guaphase emission. G. A. Akselland. L. A. Pokhodenko, Kin. 1 kat. 7 no 6:1081-1083 N-D 168

Calculation of the process of dissolution of solid particles in a bubble-type tawer. V.I. Frimskov, A.N. Planot skil, Izv. 198, ucheb, 22v; khim i khim, tekh. 9 no. 5, 845-846 '66.

Reat and mass transfer duting rectification in the presence of an inert liquid coolant. M.E. Acrov and others, Zhur, prikl, khim. 34, no. 6, 1183-1280. Je. 161

Investigating the process of heat and mass transfer in the evaporation of a liquid from a free surface in a tatefied gas otmosphere. V.I. Balakhonova Inzh.-fiz zhar. 12 no 1:3-9 Ju 267.

Mass transfer between a spherical particle and the sur-rounding medium in case of mixed convection at high temperatures. G. P. Khaustovich. Teplofiz. vys temp. 4 no. 0879-881 N-D '00.

Mass transfer in a pipe with wetted wall when the liquid phase is stirred up. N.N. Kulov. V. A. Maliusov. Dokl. AN SSSR 471 no. 6-1388-1391 D 166.

Seminar on boot and mana transfer. Khol, tekh. 43

Studying the process of mass transfer between a spherical solid and a turbulent gas flow. V. A. Svinarov and others. Inzh.-Iz zhur. 12 no.1,10-14 Ja '67. Theory of mass transfer in solid metals. M. D. Hlinchul Ukr. fiz. zhur. 4 no. 5:534-685 S-O '59.

M. D. Hlinchuk.

Theory of transfer phenomena connected with electron drag by ultrasonic waves in solids. IU. V. Gullaev. Fiz.tver.tela 8 no.11;3368-3372 N '66.

# MASS TRANSFER—E LECTROMECHANICAL ANALOGIES Using electric analogs to solving problems of heat and mass transfer, L. A. Kozdoba. Inzh., -fiz, zhur. II no. 6:800-831 D 166.

#### MASTICS

Mastic as a safe protection of panel joints. A. Togantsev, G. Akhenshtein. Na strot. Ros. 4 no. 9:25 S 163.

## MATERIA MEDICA, VEGETABLE

Mineral composition of medicinal plant raw materials and phytopreparations with cardiovascular action. V.K IAshchenko. Farmatsev. thur. 17 no. 2.18-54 62.

#### MATERIALS—ANALYSIS

[Modern methods of chemical and spectrum analysis of materials, collection of surveys and methods | Soviemennye melody khimicheskogo i spektral'nogo analiza materialov, shornik obzorov i metodik. Moskya, Metallurgiia, 1967. 311 p.

#### MATERIALS—STORAGE

Store materials correctly S. Faganov, Mat. sickh, snabzb 1 no, 4 71-73 O tob

#### MATERIALS-TABLES, CALCULATIONS, ETC.

Polivanov, P.M. [Tables for computing the weight of parts and materials] Tablits; dila podscheta vesa detaict i materialov, Izd. 7., iepr. Moskva, Mashinostroenie, 1977. 1987. 302 n.

#### MATERIALS-TESTING

West resistance of machine parts made of compressed wood N. M. Tarasov, M. M. Podlesnyth 17v vys mehch 4sv, les.zbar. 9 no 6 105-103 '66.

## MATERIALS, EFFECT OF TEMPERATURE ON

Studying the diathermance of solid materials at high temperatures of the unitten 10, P. l'Akovlev. Teplo-fiz vys temp 4 no 6 882-863 N-D 166

#### MATERIALS AT HIGH TEMPERATURES

Experimental methods in determining the heat resistance of high-melting materials A.G. Lanin, V.B. Federov, V.S. Egerov, Teploitz vys. temp. 1 no 5.885-871 N.D. 166.

Seminar po zharosiolkim pokrytlium, Leningrad, 1965. [High-temperature coatings; transactions] Vysoko-temperaturnye pokrytlia, trudy Moskva, Nauka, 1967. 223 р.

Stand for studying the thermal strength of materials, f G, Vol'ter, Energomashinostrochie 12 no. il 48 ! G, Va: N '66,

#### MATERIALS HANDLING-ABSTRACTS

[Industrial transportation] Ref. zhur. Prom, transp. no. 2 F '67. no. 2 F

MATERIALS RESEARCH—EQUIPMENT AND SUPPLIES The 3001 climatic chamber. V.Rh. Aminov. Rhol, tekh 13 no, 12 51-53 D '66,

#### MATHE MATICAL ANALYSIS

Algorithms for the selection of an integration step. N.S. Bakhvalov. Vych.met i prog. 5:3-8 66

Contribution to the theory of ordinary differential equations. A.D. Gorbunov Vych met.1 prog. 5,28-60 '56. Deter mination of the zeroes of a holomorphic function.

V. G. Limenskii Vych met. i prog. 5:87-98 '66

Evaluation of the error of the straight line method for some boundary value problems V. A. Morozov. Vych some boundary value problems met.i prog. 5:74-86 '66.

Fikhlengol'ts, G. M. [Fundamentals of mathematical analysis] Osnovy matematicheskogo analtza, Moskva, Nauka. Vol. 1 Izd. 5. 1964 440 p.

Numerical method for solving Fredholm integral equations of the first order: A. B. Bakushinskii. Vych. met.i prog. 5:99-106 '66.

Problem of the maximum function of several variables. B. T. Poliak, B. I. Shostakovskii. Vych. met. i prog. 5; 107-114 66.

Program for a regularizing algorithm for the Fredholm equation of the first order. V. B. Glasko, P. N. Zalkin Vych. met. i prog. 5:61-73 '66

Solution of boundary value problems for a system of ordinary differential equations N.S. Bakhvalov. Vych met 1 prog 5:9-18 66.

Some problems of optimization of networks. A. M. Her. E. N. Helov. B. T. Polisk Vych. met. i prog. 5.115-123 466.

Special features of the graph of total error in approximation calculation of Couchy's problem for an ordinary differential equation. A. N. Tikhenov. A. D. Conbunov. S. S. Gaisardon. Vych. met.1 prog. 5 21-27 165.

Using mathematical methods in investigating labor-con-suming processes. M. E. Karasik, Transp. stroi, 16 no. 4:38-39 Ap 166.

MATHEMATICAL ANALYSIS-PROBLEMS, EXERCISES,

A problem in analysis, I. Constantinescu, Zap. LGI 43 no. 3'43-48 '04.

MATHEMATICAL ECONOMICS see Economics, Mathematical

MATHEMATICAL GEOGRAPHY see Geography, Mathematicai

## MATHEMATICAL INSTRUMENTS

Apparatus which receive a high rating. 5, Kushul. Nar. obr. no. 2:61-63 F '67.

#### MATHEMATICAL LINGUISTICS

- I inquistic problems of the automation of coding. A F Kibrik Publ Old struk i prikl lings MGU no 151-66 65
- Meaning and understanding from the point of vice of the machine V 1 Zyenntse. Publ Old struk 1 prud, 1919 Med no 1 36-52 265
- Properties of grammars of immediate constituents, 1 G, Samodento Fibernatila no 5 24-27 S-O 166
- Semantic problems of heterological coding. A.E. Kibrik Publ. Otd. struk a prakl lingv MCU no 1 67-83 455.
- Study of onal speech, some temarks on Gottlob Frege's theory of meaning Z M Murigina, Publ Old, struk i prikl lings, MGU no 1416-146 '65,

#### MATHEMATICAL MODELS

Giigoi ev. L.G. Simulation and the technical sciences Modeltiovanie i teknnicheskie nauki. Moskva, Znanie, 1867–82 p. (Novoe v zhizni, nauko, tekhnike IV Serifa Tekhnika, no. 1)

#### MATHEMATICAL OPTIMIZATION

- Approximately optimal coefficients of linear servos/stems. Part I. L. S. IAkupov. Vost Mosk un Ser. I. Mat., mekh. 22 no. 1.94-98. Ju. F. 167
- Gradient method for solving a class of problems of optimal control O.V Vasillev, Zhur vych, mat, 1 mat fiz 7 no. 1 32-61 Ja-F 167
- A method of absolute optimization in convex programming problems, VI, D Mazurov. Zhur vych, mat, i mat, fiz problems, VI, D Mazurov. 7 no. 1 20 1-208 Ja-F 167,
- A nonlinear extremum problem. V. F. Deminanov. Zhur, sych mat 1 mat, fiz. 7 no 1 33-51. Ja-F 167
- Optimality conditions for systems containing members with distributed parameters. A.I. Egorov. Dobl. AN SSSR 171 no. 6:1261-1263 D 166.
- Proof of the convergence of G. V. Sheleikhovsku's method for a problem involving transport limitations. L. M Brefman Zhur, vych mat, i m tt, fiz 7 no. 1 147-156 Ja-F 167
- Stefan's problem and optimal stopping rules for Markov processes. B.I.Grigelionis. A.N Shirlaev. Teor. veroust is ee prim 11 no i 612-631 '666
- Sufficient optimality conditions for discrete controllable systems V.F. Krotov. Dokl. 4N SSSR 172 no 1,18-21 Ja '67
- Theory of the best approximation of optimal control. I. P. Izv. vya ucheb. zav., gor zhui. 10 no. i:112-Lytkin 146 ¹67

#### MATHE MATICAL PHYSICS

Specifying characteristics in solving a conjugated prob-lem. N.G. Kondrashov, V.B. Ryvkin. Inzh.-fiz.zhm, 12 no.1,86-91 Ja '67

#### MATHEMATICAL STATISTICS

- Applying methods of mathematical statistics in determining velocity parameters of eath's crust by hodo-graphs of reflected waves, A V. Egorkin Izv AN SSSR, Fiz zem no 12 54-61 '66,
- Approximately minimax detection of a vector signal in the case of Gaussian noise. IU. V. Linnik. Teor. veroiat. i rim. 11 no.4.561-578 '66.
- Establishing standards for working capital in coal mining enter prises with use of mathematical statistical me-thods A P Gritsai, Izv. vys. ucheb zav , gor. zhur. 8 no 9:45-50 *65.
- <u>Kullukina, L.A., and G.A.Ososkov.</u> [Use of histograms in statistical modeling] Ob tzpol'zovanti gistogramm pri statisticheskom modelirovanti. Dubna, 1967. 21 p.
- Multidimensional statistical characteristics of sea currents and their use BR Beliacy, V D Pozdynin, Okeanologius 6 no.6,1050-1069 166,
- Ryzhov, P.A., and V.M. Gudkov. [Using mathematical statistics in prospecting for mineral resources] Primerant matematicheskoi statistiki pri razvedke nedr. Moskva, Nedra, 1966. 234 p.
- Study of neuron pulsations using methods of the theory of probabilities and mathematical statistics, M.O. Kulykov Fiziol zhur (Ukr. j. 12 no. 6 929-834 N-D 166,

## MATHEMATICS

- An example of connection between agricultural experiment and mathematics. Z.V.Zcmtsov. Shkola i proizv 10
- Minkovskii, V.L. [Behind the pages of a mathematics lextbook, a handbook for students of the sixth grade]
  Za stranitsami uchebnika matematiki; posoble dlia uchashchikhsia VI klassa, Moskva, Prosveshchenie,
- Zaitsey, I.L. [Course of higher mathematics for technical schools] Kurs vysshei matematiki dila tekhnikumov. Pod red. G.S. Baranenkova. Izd. 4., stereotipnoe, Moskva, Cos. izd-vo fiziko-matem. lit-ry, 1961. 372 p. (V.U)
- Zalisev, V. V., V. V. Ryzhkov, and M. I. Skanavi. [Ele-mentary mathematics; refresher course] Elementarnata matematika; povtoritel'nyi kurs. Moskva, Nauka, 1907.

### MATHEMATICS -- ABSTRACTS

[Mathematics] Ref, zhur, : Mat, Avtorskii ukazatel' za

## MATHEMATICS—CONGRESSES

The International Congress of Mathematicians R kha-bib Nat. obt., no 132-39 la 467

ate the talk wishest als handapontation no itagem nauchnoktalla mate-

on the Results of Scientific Studies in 1964-1965 | Doklady. Red. M. I. Vishik, A. F. Leont'ev, E. D. Solomentsev. Moskva, Mosk, energ. in-t, 1965. 244 p.

Work of the Seminar on Differential Equations at the Institute of Mathematics of the Academy of Sefrences of the USSR II, Kortun Uki mat zhin 19 no 1 111-142 167

#### MATHEMATICS-GRAPHIC METHODS

Functional graphs and their application in life. Vech. 51 cd, shkula 9 no. 5:63-66 S-O '66.

## MATHEMATICS-JUVENILE LITERATURE

Perel'man, IA. I. [Live mathematics, mathematical stories and puzzles] Zhivala matematika, matematicheskie rasskazy i golovolomki, izd. 8., perer i dop. Pod red. i s dopolnenitami V.G. Boltianskogo. Moskva, Nauka, 1967 159 p

#### MATHEMATICS-PHILOSOPHY

The place of mathematics in the system of sciences, 1 A Achkum Vop files 21 no. 1:79-90 167.

MATHEMATICS—PROBLEMS, EXERCISES, ETC.
For family lengure hours. Semila i shiola 22 no.1:52-64 la '67

Iofe, IU, M., and A. T. Rogov. [Problems in higher mathe-matics for technical schools] Zadachnik po vysshel matematike dila tekhnikumov. Moskva, Vysshala silkola, 1965, 226 р.

#### MATHEMATICS-STUDY AND TEACHING (see also subdivision under Great Britain)

Connection between mathematics and physics instruction. V. M. Kokarev. N. N. Tul'kibalwa. Vech. sped. shkola 9 no. 5-48-51 S-O '66.

Connection between mathematics instruction and the students' work in industrial enterprises. A. V. Makarov, and others, Vech, seed, shkola 2 no. 5 67-70 S-O 166.

A mathematics study group in school. V. G. Panki atova, A. E. Shinlaeva Nach, shkolu 35 no. 2:28-33 F 187.

A movement for the reform of mathematical education, I. Andronov, IV. Kolsagia, nar. ob., no. 2-85-87 F 167.

Some forms of interrelation in mechanical drawing and mathematics classwork. I, A, Roitman, Vech, 51 ed., shkola 9 no. 5:59-62 S-O '66.

- Calculating the mass difference of K₁ and K₂ mesons. A, I, Vainshtein, I, B, khi iplovich: Pigle, red. Zhui ekspei i teoret fiz. 5 no.2:70-73 Ja 467.
- Definition of the domain of distribution of points in a matrix spectrum. L. S. Dashnits, M. S. Zusmanovich, Zhur vych mat i mat, fiz. 7, no, 1:183-164, Ja-1, 187
- Deformations of holomorphic vector fibra bundles over the Riemannian sphere, I. F. Donin, Mat. shor, 71 no. 1:495-502 D '66,
- Hankel and Toeplitz matrices and signatures of Toeplitz forms, I,S, lokhvidov Ukr, mat. zhar 18 no 1:25-35 467.
- inversion algorithm for symmetrical matrices, A.Z. Sazonov, Izv vys. ucheb, rav. good 1 actof. no. 6 17-80 162
- Quasi-non-Euclidean spaces over an algebra of real matrices S S Kasynova Lav. An Azerb. SSR. 5c1 . ff2. - tekh. 1 mat nauk no 4:16-22 '66.
- Relation of conjugate bearing methods to triangular factorization B.F. Magnerkin. Izv.vya uchob zav., geed raerof. no.8 85-75 462

## MATTER-CONSTITUTION

- Qualitative changes and the structure. S. F. Zak. Vop. filos. 21 no. i-50-58 ter.
- Quantity, quality, and structure, V. V. Agudov. Vop. files, 21 no. 1:59-68 187.

# MATTER-PROPERTIES

So-called geological form of the movement of matter, A. M., Pozhitnov. Trudy Irk, inst. nar, 1402. no. 1;200-209 '66.

## MAXIMA AND MINIMA

- Minimization of computation algorithms in certain matrix transformations, V V. Kiluev, N. I. Kokovkin-Shoherbak, Zhur, vych mat, i mat, fiz. 7 no. it3-13 Ja-F 187
- On the number of computations for finding the minimum of convex function. A, I, Kuzovkin, V, M, Fishomirov, Ekon, i mat, metod. 3 no. 1:05-103 Ja-F 167.

## MAYA VALLEY—GEOLOGY, STRATIGRAPHIC

Basic problems of the Late Pre-Cambrian stratigraphy in the Uchur-Maya region, S.V. Nuzhnov, Biul. MOIP, Otd, geol. 36 no. 5;136-139 S-O '61,

Paper mental study of flash evaparation processor.

A. IA. Sweddlov. Nettrager, i nestellitim, no 40. Same results of the losts of burners decayor. The essential of the losts of burners decayor. The essential of the losts of burners decayor. The essential treatment of the essential treatmen

Studying possibility of using sour maint to specific furnaces. P. A. Kagon, Neftsper Fredrickling. A. 18-21 '66.

#### MEASURE THEORY

Extendibility of soluble classes and continuablic of measures in topologic of groups. M. H. Petrarie H. Soch, AN Grav. SSR 41 no. 2,265-271 M. th

#### MEASURING INSTRUMENTS

Indicator of the slip of raynchronous motor.

Gor clektromekh factoric no 1991-44-468.

Zhokhovskii, M.K. [Theory and dealing of in true of with miscaled piston] Teorita I ranchet prilicer, a neuplotnemym porsiment. Izd. 2., perrictly, Moskva, Izd-vo Standariov, 1966. 330 p.

#### MEASURING INSTRUMENTS-41. LIABITITY

Special features of the problem of tell-billing instruments. Zh B I mkovskii I v v zav , elektromelli, 9 no 12 1193 140 ha

#### MEASURING INSTRUMENTS-TESTING

MEASURING INSTITUMENT 15----TESTING
[Guide of instructions, methodological directions, 200 rules governing the testing of measures and nerver instruments (position as on January 1, 1995) [12, 200 instructed, metodicheskith disacond i (nearly of page 1 instructed page 1) instructed properties of the properties of the

#### MEASURING TAPES—STANDARDS

MEASURING VAPES—5 INFORMED STANDARD TO MAKE PRISON (U.S.S.R.). KomMel standardov, mer 1 (*1 **rr* 1 ** nykh priborov. [Metal measuring tapen] Rolekt J. ifol'nyo metallicheskle. GOST 7502-61. [*d., *rit+1*] **noo. Moskva [Standart][2] 1962. [19]n. (*s. 11. (**) ** dai stvennyi standart)

#### MEAT-PACKAGING

Checkup and competition in the production of  $_{1}(\varepsilon_{1})=(2^{-3})$  meat. V. Agreeva. Micro ind SSSR in  $_{1}(\varepsilon_{1})$  is  $_{2}(\varepsilon_{1})$ 

#### MEAT-PRESERVATION

Preventing the protectivite deterioration of unitarianted M P Silaev, Konst ov. prom. 17 - 44.

#### MEAT, CANNED

Consultation Mins, ind, 558R 38 no 1 21 21 45 4

Method of canning foods for example, the  $\delta$   $\{a_1b\}$   $\{A_i,I,Barmaah,[T_i,N_i,Poletaev\}\}$ . Short I  $\{b_1,b_2,b_3,b_4,\cdots,b_{i-1}\}$  is 1961 g. (40-4).

## MEAT, FROZEN-TRANSPORTATION

Experimental transportation of rofitipe at d a . . . . assorted cuts. M. M. Slapovalenko, N. P. et l. . . Khol tekh. 43 no 11:10-11 N 166.

## MEAT INDUSTRY

(see also subdivision under Gormany, Wela, Lat G Leningrad; Olan-Udo; White Russia)

Competition in honor of the Great October He widening, Mine, Ind, 553R 38 no. ltt t Ja 6 1

Development of the manufacture and marketta, a finished meat products. V. Platomov, "Rev. 1:3
38, no. 4.19-20, Ja 467,

New machinery and technology of the most  $\{s,t\}$  and the R. S. F. S. R. in the current five-year plane (t,t) man. Mins, find, SSSR - (t,t) for (t,t)

Problems waiting for solutions. R. Andronikye v. Mias, ind. SSSR 38 no. 1,21 Ja 107,

## MEAT INDUSTRY-CONGRESSES

12th Puropean congress of the actentiats of the real stitutes of the meat industry | V. Gorbaton, March 58SR 38 no. 192-16 Jul 167.

## MEAT INDUSTRY-EQUIPMENT AND SUPPLIFF

Electric driving for the apraying disk of the 718 dryer. B. Moroz. Mian, ind. SSSR JB 10., 144 PJ Ja 167.

Ultrasonic conveyor unit for the eleming of trafterer agambrels IU. Zaias and others. Miss., and at no. 1,8-12 Jul 167.

## MEAT INDUSTRY-EXHIBITIONS

International exhibition "Improdmash - 07". Mi = 1 'SSSR 38 no. 1r42 Ja '67.

MEAT INDUSTRY—HYGIENIC ASPECTS SECONDARY under Ashkhabad

MEAT INDUSTRY-MANAGEMENT ago auddiging under Minsk

### MEAT INDUSTRY-PERIODICALS

Topic outline of the journal "Miasnala industrits have a for 1987. Mas. ind. SSSR 38 no. 1, 17 Ja 183.

#### MEAT INSPECTION

Determining phesphamide in anunal tissues by the method of thin layer chromatography VV, Kadaikov Khim v selt, khoz 5 no 1 51-55 Ja 167

# MEAT INSPECTION-LQUIPMENT AND SUPPLIES

Stamps for marking careases and hides. V. Kniikov Miss. md. SSSR 38 no. 1 28-29 Ja 467

#### MECHANIC AL DRAWING

Targo, Edgar, [Mechanical drawing in machine building]
Tehniline joonestamine masinachituse crialal. Tallinn,
Valgus, 1965, 198 p. [In Estonian]

#### MECHANICAL DRAWING-STANDARDS

Activity of the Tenth Lechnical Committee of the International Standards Organication, N 7, Bashkirova Stand, i kach 10 no 1181-88 N 166

Introducing change, into drawings and other technical documents. A I, Midorova. Stand i kach., 30 no 1 17 N 466.

H is necessary to specify standards for design documentation. Stand I kach 30 no 11 92-93 N 366

Reviewing standards for the presentation of drawings, E.G. Starozhilets Stand, i kach, 30 no, 1121-22 N 168.

Standardization of the rules for recording materials on drawings. R. M. Shieinberg, M. G. Franovskii, V.N. Vzerov. Stand i kach. 30 no 11 15-18 N. 466

## MILCH ANICAL DRAWING—STUDY AND TEACHING

Advice to teachers of art and incehnical drawing, N.I. Tkachenko, Shkola i proizv, 10 no.10 37 O '66.

Perforated and motificands in mechanical drawing L. M. Edels. Shkola i protes. 10 no 12,41-46 D 466.

Practical experience of atudents in mechanical drawing, I., M. TSibul'akit. Shkola i proizv. 10 no 12:59 D 466.

Some forms of inter-clation in mechanical drawing and mathematics classwork, J.A. Roitman, Vech, sickola 0 no. 5:59-65 S-0 166.

Working out the design of a pivol during classwork, IU. M. Lukinsov Shkola i proizv. 10 no 10 38-39 O 166

#### MECHANICAL ENGINEERING

ITechnological handbook] Techniska rokasgramata. Riga, Latvijas Valsts izdevniucība [In Latvian]. Pl. 2. Sastadijusi Latvijas Valsts Universitates mechanikas fakultales macību speki, Redigejis V. Ivanovskis. 1957. 923 p.

# MECHANICAL ENGINEERING—PROBLEMS, EXERCISES,

Gor'kovskii politekhnichekii institut. Kafedra soprotivie-nila materialov. Standard problems for tests and examinations on the rouses of the strongth of materials, theory of elasticity and mechanical orgineering Tipo-vye zadachi k vachetam i ekvamenam po kursam sopro-tivientia materialov, teorii uprugosti i stroitel'noi mekhanike mashin Gor'kii, 1964. 18 p. [MICROFILM] [MICROFILM]

# MECHANICAL ENGINEERING—STUDY AND TEACHING

heelt ANCAR Indinkented—10 Y dust be about the flucture of the students' abilities in after class structural desting groups. I. P. Evdekimenko. Shkola i protzy. 10 no.10 60-64 O '66.

The real object and the computational diagram in a

course in tachnical mechanics. M.D. Crottel'. Sted-apate obr. 13 no 7,15-19 Jl '66.

Technical mechanics in technical schools. A.A.Endedi. Sied.speta.obr. 13 no.742-14 Jl 466.

#### MECHANICALWEAR

Amount of wear and purpose of the optimum method of teconditioning axies of satellite planetary reduction gear of cost cutter loaders. P M Shilov and others. lzv, vys. ucheb. zav., got. // m 8 no. 9.95-98 165

Causen for the formation of porosity on the working surface of cast-from alrevia of tractors, V. F. Zlobin, S. P. Listovnicham, I. L. Van'chik, Tekh, i org. proizy, no. 6:30-101 N-D '08,

Device for testing building materials for wear. A. L. Bartashevich. Stroi, mat. 7 no 12:34 D 181.

Increasing service life of the planetary mechanism in UKR-1 cutter-loaders. D. M. Vatkin, V. A. Doinichenko. Mash, I obor, dlia mekh, I avtomatiz, trud, prots, v ugoli, prom. no. 2:202-211 [65].

Interaction of track and car wheels with irregular wear. V. N. Krivosheev, N. N. Kudriavteov Vest, TSNII MPS 25 no. 8:30-32 466. Investigating the wear of hard filler materials subjected

to repeated collisions with abrasive particles. M. M. Khrushchov, M. A. Babichey, Mashinovedenic no. 1:102-107 Ja-F '67.

Laboratory method of tosting for weat of collats and seats of mud purep valves. N. A. Prokherov. G. M. Sorokin-Izv. vys. wcheb. zav. ; noft' i gaz 0 no. 8;87-89 '66.

Relation between intensity of the wear of pipe chows and the flow rate in pneumatic conveying. M. E. Dogin, M. P. Kuchuna, A. V. Starovoctov. Izv. vys. ucheb. 2av.; chern, met. 10 no. 1400-194 '67.

Shalfcov, S.D. [Regularities of wear and methods of increasing the durability of blanking dies] Zakonomernosti iznosa i metody povyshenila stoikosti vyrubnykh shtampov. Kazan', Tatarskoe knizhnee izd-vo, 1965. 86 p.

Theoretical estimate of the wear of electric mine locomotive tires P M Shilov, A A Susiov, P S Binatos, Gor elektromekh i ivtom no 1:188-193 *65

Types of year and breakup of supports of small roller bits. V. N. Vinogradov. G. M Solokin. A. N. Pashkov. Neft. khoz. 41 no 10,15-18 O '66

Wear of piston couplings in hydraulic systems of a cavators S V Kandyba Mekb, stroi 23 no 1216-17 D to: 9

#### MECHANICS

Steady-state rotations in an autonomous system. L.D. Akulenko, V. M. Volosov Vest, Mosk un Ser 1 Mat., mekh 21 no 6:34-39 N-D '66.

#### MECHANICS-ABSTRACTS

[Mechanics] Ref. zhur. Mekh. no. 2 F '67.

## MECHANICS, ANALYTIC

Bagreev, V.V., and V.B. Meshcheriakov. Methodological textbook for use in solving problems in theoretical mechanics, statics) Metodicheskoe posobie po reshenitu zadach tooreticheskoi mekhaniki, statika. Moskva, 1966.

## MECHANICS, CE LESTIAL

On the problem of n-fixed centers | I M. Belca'kii Piiki mat i mckh | 30 no 6 1102-1106 N-D '66.

#### MECHANISMS

Calculating total number of parameters of a crank and locket mechanism considering the given angle of transmission, V. IA, Beletskin, Dit, mash I podiem -times, mash, no. 15-15 165.

Calculating total number of parameters of a four-bar linkage considering the given angle of transmission, V. 14, Beletekii Det, mash i pod'em, -transp, mash no.116-27 165

Pinienov, A.L. [Control mechanisms in radio apparatus] Mekhanizmy upravlenila v radioapparature. Moskva, Energiia, 1986. 166 p. (Biblioteka po radioelektronike,

Stability conditions of a mechanism with an electric drive under the action of elastic forces of resistance vith hysteresis. G.S. Korotkov. Mashinovedenie no 1:33-39

Ju-F [67] for Structure of three-dimentional mechanisms, I. G. Karavanskii Det, mash, i podrem -transp mash no. 1-54-65,

#### MECHANIZATION

Mechanize repair and maintenance of readbeds. Put! i put, khoz. 10 no. 9 14 '66

Mechanized brigades for fattening cattle on state live-stock fattening farms in Stavropol Territory B P, Uspenskii, Dokl. i soob, VNESKH no. 28:38-46 | 65

New track laying machines in the five-year plan. M. T. Chlenov. Put' i put khoz. 10 no. 8.4-6 '66.

Stamped in bronze. I. Mozheiko . Az. i Afr. seg. 10 no. 1. 44-45 Ja '67.

## MEDIASTINUM-H YDATIOS

Echinococcosis of the posterior mediastinum. V. T. Nats-vin, Khirurgita 38 no. 11 120-121 N 162.

## MEDIASTINUM-RADIOGRAPHY

Mediastinoscopy in the diagnosis of diseases of the chest A S, Libov, V L. Toluzakov. Vop. cak, 13 no.1-14-18 '67,

## MEDIASTINUM—SURGERY

Debinococcosis of the posterior mediastimum. V. T. Natsvin Khirurgiin 36 no. 11/120-121 N '62.

MEDICAL AND SURGICAL USES OF EARTHS see Earths. Medical and surgical uses of

MEDICAL CLIMATOLOGY see Climatology, Medical

MEDICAL GEOGRAPHY see subdivision under Azerbaijan MEDICAL GYMNASTICS see Exercise therapy

#### MEDICAL HELMINTHOLOGY

Lazdina, Maiga. (Most widespread helminthiases in men) Izplatitakas cilveka helmintozes. Riga, Zinatne, 1966. 92 p. [In Latvian] (DNLM)

## MEDICAL JURISPRUDENCE

Case of incomplete osteogenesis. E.V. Murashev Sud - med ekspert. 9 no 4:52 O-D *66

Expedient examination of damage to clothing in institu-tions of forensic medicine S. P. Pribyleva-Marchenko Sud -med.ekspert 9 no. 4 27-30 O-D 166 Extrusion of theracic and abdominal organs under the

skin of the lower extremity in an automobile accident A.U. Shafeev, Sud. -med ekspert, 9 no. 4-51 O-D '6 Heart lesions in closed trauma of the chest. S.A. Burov and others Sud -med ekspert 9 no 4 11-14 O-D '6

und others saw their exspert of no 4 1.-14 O-D is Using the findings of forensic medical examination in the determination of criminal offenses according to the criminal code of the R.S. F. S. R. of 1660 as 'torture' or 'infliction of bodily pain,' V S Ozherelkov, Vop pred, prest, no. 4.147-152 '66

#### MEDIC AT, LAWS AND LEGISLATION

State norms for psychoneurological service in the light of the legislation on mental patients. 1 A Berget. Trudy Gos, nauch -issl inst psikh 26:405-421 *61

#### MEDICAL MICROBIOLOGY

Comparative evaluation of new methods to determine the degree of bacteriura in the diagnosis of chronic pyelonephritis A IA, Pytell, V S Richinshi V E Rodoman Sov med 29 no.10 3-10 O 166

Rooman Sov med 29 no. 10 3-10 O 66
Experimental infection of laboratory animals by enteropathogonic Escherichia cell 0324 K72 (B17) Report 10.1 Study of the infectious process in vinte mice following initianasal infection. IU, E. Politskiu, V. V. Altuzovi. Zhur mikrobiol., epid i immun. 11 no. 1 61-05. Ja. 167

Set ological compution of Leptomona strains isolated from mosquitoes with Leishmania tropica and Lepto-monas of reptiles V. M. Saftianova Med.para 1 para 2 bol 35 no 5.886-595 N-D 486

Toward new victories, Zhur mikrobiol, epid i immun. 11 no 13-5 Ja '67,

Useful textbook of medical microbiology. L. R. Kolomoiteev Mikrobiol zhu: 21 no 570 '62
Variability of the virulent proprities of Intameeba histolytica M. F. Mizgireva Med parazii paraz bol 35 no.6 673-676 N-D '66.

#### MEDICAL MICROBIOLOGY-TECHNIQUE

Characteristics of bottom cultures of Salmonolla typhigioan on a semiautomatic unit in media of difficient composition L. D. Shumbowa, Zhur, mikrobiol , epid. i immun, 41 no.154-57 Ja '67.

Rapid method for determining the sensitivity of bacterial cultures to various antibiotics in Hquid media M.I Levi, I A Gorozhankina, L. I. Sagatovskina Anti-biotiki 12 no 1,57-80 Ja 187.

Résistant to sémisynthetic penicillins staphilococci, isolated from patients. A N. Shnecison, S. P. Rezvan. Antibiotiki 12 no 160-66 Ja '67.

Study of physicochemical properties of purmed tetanus anatoxin obtained from native prepar ations depending on varying priods of detoxication. IU, A Khaykin and others Zhur, mitrobiol, epid, I immun. 44 no.1 112-117 Ja '67

117 Ja 167
Study of type F botulin by means of filtration through sephader gel. V. K. Golshmid, I. M. Mikhailova. Zhur mikichioi, cpid. i immun. 44 no 146-49 Ja 167.
Zygote induction in crosses of typing and nontyping strains of Escherichia coll. A. P. Pekhov, G. N. Polukhina.
Zhur mikrobiol., epid i immun. 44 no.1.31-33 Ja 167.

MEDICAL PARASITOLOGY—BIBLIOGRAPHY see Bib-Hography-Medical parasitology

MEDICAL RADIOLOGY see Radiology, Medical

MEDICAL SCREENING see subdivision under Bulgaria

MEDICAL SOCIETIES see subdivision under Irkutsk, Ossella, North

Adrenalme and dionin test in young children E, F, Charnokova. Shor nauch, trud SOGMI no 10:106-112

Some examinations of V. A. Valdman's cup endothelial test. V. A. Dem'ianova-Gagarina Trudy LPMI 37; 117-123 '65.

Study and comparison of the cup endothelial test, diphenyl-amine test and content of antistreptohyaluronidase in the active phase of rhoumatic fever. S.I. Lilenko. Trudy LPMI 37;139-145 '65.

MEDICATED BATHS see Baths, Medicated

## MEDICINE

History of the publication of S. P. Botkin's work 'General fundamentals of clinical medicine," S.N. Falkova, Sov. med, 29 no,10:153-154 O 466.

Short reports. A.1 Andrukovich and others. Sov. med. 29 no. 11 192-135 N 166.

Short reports. A.P. Mel'nik and others. Sov. med. 29 no. 10-145-152 O 166,

## MEDICINE-ABSTRACTS

[Medical abstracts] Med, ref, zhur, sect, 1 vol, 11 no, 2 F '67, Sect, 3 vol, 11 no, 2 F '67, Sect, 4 vol, 11 no, 2 F '67,

MEDICINE-BIBLIOGRAPHY see Bibliography-Medicine

MEDICINE—STUDY AND TEACHING see subdivision under Nal'chik, Vinnitsa

MEDICINE, INDUSTRIAL see subdivision under Chelyabinsk

## MEDICINE, PSYCHOSOMATIC

Specificity of neuropsychopathological syndromes in tick-borne encephalitis and hemorrhagic nephrosonephritis. I. B. Galant. Trudy Gos, nauch, -issi, inst, psikh. 28;20i-205 '61.

## mediterranean sea....marine sediments

New data on structure of sedimentary formation and hasements of Levant Sea. V. N. Moskalenko. Okoanologita 6 no.6:1030-1040 155.

#### MEDITERRANEAN SEA-OCEANOGRAPHIC RESEARCH STATIONS

Submarine house "Precontinent 3," G P. Lisov. Sudostroente 56 no 12 11-13 D 166

#### MEDULLA OBLONGATA

Differentiation of reciprocal and nonspecific descending synaptic effects following stimulation of the reticular formation of the mea lla oblongata P H Kostiul, M M Preobrazhens'kyı Fiziol zhur [Ukr | 12 no 6 712-720

Representation of cutaneque and proprioceptive afterents in the transmitting nuclei of the medille oblongata
H.H Skybo Fiziol zhur [Ukr ] 12 no 6 787-794 N-D

#### MEDULLOBLASTOMA

Subaráchnoid introduction of colloidal Au¹⁹⁸ in preventing metastatic medulloblastomas E I Kandell, F M Liass, IU M. Filatov. Med rad 7 no 10 21-25 O '62

MEDUSAE, FOSSIL see subdivision under Sayan Mountains

#### MEETINGS

Efficient reglementation, careful preparation and a businesslike approach K Shellovyi Sots trud 12 no 2, 80-93 F '67

## METER, KONSTANTIN IGNAT'EVICH, 1881-1965

Conference dedicated to Professor K.I. Meier, L.V. Kudriashov. Vest. Mosk. un. Ser 6; Biol., puchv. 21 no. 5:125-126 S-O '66.

#### MELONS

Watermelons, inclons, and pumpkins. M. Mai shak Zalup selikhoz prod. no. 11 56-3 of cover N 'b6

#### MELTING POINTS

Fusibility diagram of the system KC1 - KBH₄, V. I Mikhoeya, S. V. Zapol'skii Doki AN SSSR 171 no. 4 872-873 D 66

Maximum melting curve of tellurium. S M Stishov, N.A Tikhomitova, E IU. Tonkov, Pist, v red, Zhur, eksper, i teoret, fiz. 4 no 5 161-164 S 166

Melting of potassium superovide, A. B. TSentsiper, T. L. Rogozhnikova, Izv. AN SSSR, Ser, khim. no. 1495-197 Ja 167.

#### MENANDER, OF ATHENS

'The Sigyonian," a play by Menander I, M. Fronskir Vest, dicv ist, no. 4 54-67 '66

#### MENINGES-T UBERCULOSIS

Characteristics of the clinical course of tubercular meningitis it eated with streptomycin. R M. Poslavskii, Trudy Turk nauch risel, met, klim, kur, i fiz. metod Trudy Turk nauch -is lech, 8 126-133 65.

#### MENINGITIS

Abacess of the nasal septum complicated by meningoencephalitis. E.D. Lisitsyn Zhui ush , nos i gorl, bol 19 no 6 75-76 N-D 159

Clinical aspects of arachnitis of the brain. A. M. Shrarts. Trudy Gos, nauch. -issl. inst psikh. 26 243-251 161.

## MENSURATION

Malkov, S.F., and N.I.Tiurin. [Introduction to metrology] Veedenie v metrologilu. Ed.2., ispr 1 dop. Pod red K.P.Shirokova Moskva, Izd-vo Standantov, 1966. 247 p. (Biblioteka metrologa)

Pustovalov, G. E., and E. V. Talalneva. [Simple physical measurements and their adjustment] Prosteishie fizicheskie izmereniia i ikh obrabotka. [Moskva] Izd-vo Mosk, univ., 1967. 154 p.

Zaidel', A. N. [Elementary estimates of measurement errors] Elementarnye otsenki oshibok izmerenii Izd. 2., ispr. i dop. Leningrad, Nauka, 1967. 67 p.

#### MENTAL DEFICIENCY

Immunological reactivity of the body in schizophrema and oligophremia, N. V. Vasil'ev, B. N. Shmidt, Trudy Gos, nauch ~issl, inst, psikh. 26:83-72 '61.

MENTAL FATIGUE see Fatigue, Mental

#### MENTAL HYGIENE

Kantorovich, N. V. [Sketches on mental health and mental disorders] Ocherki o zdorovoi i bol'nol psikhike. Izd. 2., dop. i percr. Tashkent, Meditsina, 1986. 163 p. (DNLM)

## MENTAL ILLNESS

(see also subdivision under Bashkirla; Tomsk) Kantorovich, N. V. [Sketches on mental health and mental disorders] Ochecki o zdorovot i bol'not peškhike.

Izd. 2., dop. i perer. Tashkent, Meditsina, 1966. 163 p. (DNLM)

Mental disorders in acute bacillary dysentery. IU. F. Prilenskii, Trudy Gos, nauch, -isst. Inst, psikh, 26:276-

Mental disorders in hemorrhagic encephalitis, A.S. Timofeeva, Trudy Gos, nauch, -issi, inst, psikh, 26,206-

Mental disorders in infectious diseases. M. A Gol'denberg. Trudy Gos. nauch. -issl. inst, psikh. 28:154-167 '6t,

Mental disorders in themnatic fever. M. A. Golfdenberg, A. S. Timofever. Frudy Gos, much. -last inst, psikh, 26.215-221 fel.

Mental stress and mental disorders; from data or toreign literature M Rogovin Zhur nevi, i psikh 62 no ll 1731-1740 62

Neural and psychic disorders in brucellosis. S A. Volpiniski, l. Kh. Berger. Trudy Gos nauch, -isal inst. psikh 26 259-266 161

Sleep therapy in mental diseases A G binkeeva Trudy Gos nauch, -issi inst psikh. 25 91-96 '61

Variability of mental diseases causing changes in hospital construction, V.P. Kushelev Zhan nevr i psikh 62 no li 1723-1730 462

Vegetative disturbances in infectious diseases with mental disorders M. A. Gol'denberg Trudy Gos, nauch. -issi inst psikh 26 168-171 161

## MENTALLY ILL CHILDREN

Acute influental psychoses in children during the outneuer internat psychoses in control ouring the dut break of influenza according to data of 1957. F. K Zeftrova, M. G. Iffianova. Trudy Gos, nauch -issi inst, psikh 26 237-242 [6].

MENTALLY ILI, CHILDREN—CARE AND TREATMENT see subdivision under Siberia

#### MENTHOL

Composition and optical rotation of products yielded by catalytic conversion of I-menthol E. I. Klabunovskii. L, F. Godunova, A, A. Belandin Kin i kat. 7 no 6:1020-1024 N-D '66

#### MEPROBAMITE -- SIDE EFFECTS

Severe complication following premedication with andaxin, M G, Natanson, F, V, Savchenko Sov, med 30 no. 1 113-121 Ja 177.

#### MERCANTILE BUILDINGS

(see also subdivision under Moscow)

New designs for rural commercial buildings. E. Baren-boim, V Muzychkin Arbint, SSSR, no. 1-49-51 467.

MERCANTILE BUILDINGS-DESIGN AND CONSTRUCTION see subdivision under Leningrad

#### MERCAPTANS see Thiols

#### MERCAPTO COMPOUNDS

Amount of sulfnydryl compounds in plant tiesues. Z. A. Mel'nichenko. Uch zap. GGU no. 50:101-112 '59.

#### MERCHANT MARINE

Based on progressive methods I Afanas'ev Mor flot 27 no 1:11-12 Ja 67.

For new successes in the anniversary year! T. Guzhenko-Mor. flot 27 no 1:2-1 Ja '67.

Soviet merchant marine; the most important resolutions of the party and the government in 1928-1932. Mor flot 27 no.1;5 Ja '67

Stages of a glorious path. B Shabunin, M. Nikitin. More flot 27 no 1,6-8 Ja 467.

## MERCHANT MARINE-LABOR PRODUCTIVITY

Kutianin, P.I. [Potentialities of increasing labor producthis in the merchant marinel Rezervy povyshonila prolayditel nosti truda na morskom flote. Pod red. R.S.Reza. Moskva, Transport, 1966. 68 p. (Ekonomika tekspluatatsiia morskogo transporta)

### MERCHANT MARINE-MANAGEMENT

Basic principles of the new economic reform and their realization. L. Turetskii. Mor.flot 27 no.1:20-21 Ja 167.

Take into "onsideration the requirements of the new management system. M. Baranskii Mor.flot 27 no.1:15:16 Ja 167

#### MERCHANT SEAMEN

Successes inspire. M. Markochev, S. Solkin. Rech. transp 20 no. 7;2-4 Jl 161.

### MERCHANT SHIPS-PASSENGER ACCOMMODATION

Improve the quality of passenger transportation. P. Khatov. M. Makeev. Rech. transp. 20 no. 7;8-9 Jl 461.

## MERCHRY

(see also subdivision under Donets Hasin)

<u>Gavze, M.N.</u> [Interaction between mercury and other metals and alloys] Vzaimodelstvie riuli s metallami i splayami, Moskva, Nauka, 1966. 157 p.

## MERCURY—ANALYSIS

Fractional method of determining mercury in biological material, V. D.I.Ablochkin, Farmatsev, zhur. 18 no. 3:68-71 '63,

## MERCURY ACETATES

Mercui ic ovide trichloroscetate. F. K. Vetichko, L. A. Nikonova, G. K Semin. izv. AN SSSR, Ser, khim. no. i. 84-87 Ja 187

## MERCURY-ARC RECTIFIERS-TESTING

Reliability tosts of large power rectifiers with mercury cathodos, S.M. Sirota, A.I. Stupell. Elektrichestvo no. 1.69-72 Ja 167.

### MERCURY-GALLIUM ALIOYS-ELLCTRIC PROPER-TIES

Studying the electric diffusion of tin and morenty in theh alloys with gallium V. A. Mikhailov and others 1 ir met i metalloyed 22 no 6;871-875 D 66

MERCURY-GERMANIUM ALLOYS see Germanium-

#### MERCURY ORES

(see also subdivision under Rostov Province)

Some pecularities in the formation of halos of direct are indicators around mercury deposits. V.P.1 edor, hav Geokhimira no 10 911-910 [6]

Zonal development of antimony-mercury mineralization, G. M. Utekhin, I. R. Belous. Zap Vses, min. co-vi signo 6-665-673 [66].

MERCURY ORGANIC COMPOUNDS 860 Organimite dry

## MERCURY OXIDES

Change of surface, dispersity, and rate in the contact of thermal dissociation of mercury oxide in a vacuum. E. A. Prodan, I. A. Derbinskii, M. M. Paellinchube Doki AN ESSR 10 no. 11 877-880 N 166.

## MERI, LENNART

Call of the earth. A Turkov. Nov. mir 42 no. 7:251-252 Jl 166.

MERINO SHEEP see subdivision under Karakhalan

#### MESENTERY-DISEASES

Lymphogranulomatosis of mesenteric lymph nades simulating inoperable cancer of the availes, AA, Rossoshanskii, Vop. onk, 13 no. 192-93 187.

## MESIATSEV, IVAN ILLARIONOVICH, 1885-1940

I.I. Mesiatsev's life and scientific work. A.D. Sim catlo. Trudy VNIRO 60:li-18 '66.

#### MESONS

Calculating the mass difference of K₁ and K₂ menoma.

A. I. Vainshteim, I. B. Kin iplovich. Pint. vied. Zher eksper i teoret. fiz. 5 no. 2:70-73 Ju. 437.

Electroproduction of z-meanns and axial current, Vanishtein, V V, Sokolov, I, B, Khriptovich, Finited Zhur, eksper, i teoret, fiz., 4 no. 5, 193-105 S '56.

Neutrino scattering by protons and simulation of answar-leus muon interaction. V.S. Gurgenidee. Soeb. AN Gruz :SSR 44 no 2:285-288 N 186.

Grazioni 44 no 21285-248 N  1 66. Resonance solution of a system of equations for settler  $\mu_{\rm e}$  amplitudes of their graft mesons at small values of f -parameter. E. P. Vedenoev, N. P. Zhidkov. Vych a ct i prog. 5:146-161  1 66.

[Search for a nucleon isobar at T=5/2 in mp-interactions] Polski nuklonnol izobary s T=5/2 v np vzaimodelutviiški [By] V.F. Vishnovskii i dr Dubna, 1967, 5 p

Sum rule for the interaction constants of \( \pi^*, \eta \) and \( \pa^* \) mesons. V. IA. Famburg. L. V. Ph'kov. Platevict. Zhur. eksper. I teoret. Riz. 5 no. 2404-67 Ja ***17.

#### MESONS -- CAPTURE

Bellacy, V.B., and R.A. Etamzhian. [Noutron cognition of y due to μ-capture on nuclet] Κ voprosy on asimilatria neitronov pri μ-zakhvate na iadrakh. Dubra, 1997. 8 p

#### MESONS-SCATTERING

Measurement of n" p-scattering near 180° in a  $4 \div 7$  Gev/c beam of  $\pi$  -mesons] Emeronle  $\pi$  >  $\pi$  are satisfied white 180° v puckke  $\pi$  -mesonov s impulsant 4 - 7 Gev/c [By] B.A. Kulakov I dr. Dubna, 1967 10 p.

#### MESOTHE LIUM-MICROBIOLOGY

Multiplication of toxoplasma in pertioneal mossibilities.
M. A. Lidina, D. N. Zasukhin, Blul-eksp. bloid und. 63 no.1:61-63 Ja '67.

Age-related changes in the metabolism of calcos. V. M. Koropov, N. M. Noskov. Vost. acl khoz. neuki II ap. 17; 69-72 D | 66.

Biological processes of the decarboxylation of oxide att acid. N. K. Nagradova. Usp. sovr. biol. 52 ac 1 1 i. J1-Ag 18i.

Comparative characteristics of metabolism in Hunclis S. P. Metinov. Zhur, mikrobiot., epid, i immun, 41 no.1,22-26 Ja 167.

Gel filtration method for studying external metabolites (marine unicollular alga cultures, Z. P. Burlakova, K. M. Khailov, L. A. Lanskala, Gidrobiol. zbur, 2 (10), 6:24. 34 166.

Metabolism in Escherichia coli and Staphylococcus & 12. 1 variants produced under different conditions of rulti.a. tion. IU.V. Kuliash. Mikrobiologila 35 no.61994-197 N-D 466.

Some indices of the metabolism of the ruman in yours cattle in connection with the rate of urea and sodium sulfate P. S. Khrushchova. Vostsi AN BSSR. Sci. sellhasp.nav. no. 4:76-83 '66.

Study of constructive metabolism of sulfate reducing bacteria by using CM. IU. I. Sorokin. Mikrobiologita 35 no. 5:987-977 N-D 166.

## METABOLISM, DISORDERS OF

METAHO LESM, DECOMMENT OF [Diseases of the cardiovascular and nervous systems and metabolic diseases, papers by doctors and consultants of the apeutic and prophylactic institutions of the Administrative Office of the Academy of Sciences of the U.S.S.R. | Zabolevanila serdechno-susudistoi, nervnoi sistem i beleval obmena vesic hesty, aboly vrached i konsultantoy lechebno-profilaticheskikh uchrevidenti upravientia delami AN SSSR. Moskva, Marke 1998 909. Nauka, 1966, 298 p. (DNLM)

Effect of hypothermia on some indices of the motabolism in operations with artificial blood circulation. A, y Pogocova, IU, E. Babikaia, T. A. Bertisova. Grad kin: 9 no 158-62 Jack 167.

Fiftest of intengantic administration of oxygen on some metabolic indices in acute experimental tools hepatitis V.I. Uspenskii. Blut.eksp biol.i med 63 no.153-55

Mental and vegetative metabolic disorders in brucellosis, Z. A. Kopiff -I evina, "I rudy Gos, nauch, -issi, inst, paikh 26 252-258 161

#### METAL BUILDING see Building, Melal

#### METAL CLEANING

Unit for zone cleaning of high-melting metals V. K. Popov, B. A. Popovich, I lek obe, mat, no 188-95 166

#### METAL CLEANING-EQUIPMENT AND SUPPLIES

New method of mechanically removing scale and east from metal autfaces. V.S. Salukvadze. Stall. 21 no. 11, 1996-1912. N. 161.

#### ARTAL CRYSTALS

Nexts on scattering in fer comagnetic erystals containing hippurities with negative exchange linkage. It, A. Liumov, M. V. Medvedev. Fiz. met. 1 metalloved. 22 no. 6:801-809 D '86.

## METAL CRYSTALS—ELECTRIC PROPERTIES

Studying the thermo-e, m. f. of deformed metals, S.D. Gertsriken, M. M. Novykov. Ukr. fiz. zhu. 1 no. 5: 649-653 S-O 159.

#### METAL CRYSTAIS-GROWTH

Growth and some projection of illiform metal crystals (whither 4). D. IV. Ovsilenko, Ukr. fiz. shur. i no. 5: 517-563 S-O '59.

Studying the mechanism of clastic twin mopagation in metals V. P. Saklatov. Fir. met i metalloved. 22 no.0;924-930 D '66.

## METAL CUTTING

Concept and calculation of the rigidity of the technological 43 stem machine tool-attachment-tool-part A. N. Gaertter, 111 A. Tolechkov, Stand, I kach, 40 no. 11 39-62 N 466.

oracle is soo.

Fificiency of the mechanization of collection and removal of three. IA, E. Livohito, F. I. Petrovich. Prom. Bel. 10 no. 2,27-28 F '67.

Recatigating the wearability of cutting tools in copying amphibring. A Dank lian. Prom. Arm. 9 no. if 3*-14

Machining high-manganese steel GHL. S. N. Filonenko, N. S. Melositsov. Tekh, torg, protzy no. 6,38-40 N-D 106,

Machining high-strength east fron, N.P., Golubov, Tokh, forp, problem no 36-38 N.D. 66, Machining key scate, A. Uglavarian, Prom. Arm. 9 no. H 20-22 '66

Machining of radial openings of the stators of horizontal hydraulic turbines, K. S. Chepelo, Energomashinostro-ente 12 no. il il-42 N '66,

Machining attainless stool IKhish2AGS. L.A. Kuvorostu-vitu, N. V. Pleshivtsev, V. N. Bibaev. Biul. tekh. - okon inform. Gos. nauch. issl Inst. nauch. i tekh inform. 10 1, 12: 9-6 D 166

Turnlov, N. A. [New methods of metal machining] Mot ortenny obrabetki metalla. [Moskva] Mosk, rabochil orienty obra 1966, 79 p.

### METAL-CUTTING TOOLS

Boving tools and insertion pieces with micrometric regula-tion, V. M. Khudolozhkov, Tekh, i org, proizv. no. 6: 31-32 N-D 166.

Cerarate cutting tools with specially shaped front surface.
f. 1.1. Lubienoi, V. E. Shmatov. Biul tekh, cekon, inform.
Gos. nouch, cisal, inst. nauch, i tekh, inform. 19 no. 11 30-42 N 166

39-42 N 'es. Design of cutting tools for machining on copying lattics. V. A. Ukhachev Stan, i Instr. 38 no. 1:33-35 Ja '87. Development of the design and use of high-efficiency milling cutters. G. I. IAsinskii. Stan, i matr. 37 no. 12: 38 P '86.

Hard-alloy cutters with welded tips for machining T-chaped Stots. I. N. Frolikova, M. S. Belousova, Tekb. I org. proizv. no. 6 30-31 N-D '66.

High-frequency building-up of cutting tools with sormite hard altoy. P. G. Kna'menko, A. I. Khristoforov. Tekh. i org. proizv. no. 8/32/34 N-D '86.

Machino for gos cutting of conjugated metal sheets in rolle: hornispheres. F. Klomushin. Ryb. prom. no. 83; 27-32 60.

Modernization of Nagema (Kirkhais) form cutters. N. Shirokolokov. V. Peregudin. N. Trusov. Ryb. prom-no. 53:54-62 '60. Performance parameters of metal-cutting tools A [4 Malkin Stan t instr 37 no 12 23-24 D 166

Use of automatic rotary cutters | E. G. Konovalov, | L. Tarakanov | Dok! AN BSSR | 10 | no. 11 849-852 | N | 66 Went and adjustment of cutting tools in botting mandicle, 7 IU Kushner Stan, mastr 38 no.1 31-33 Ja '67

#### MRTAL-CHTTING TOO IS-COOLING

Klushin, M.I., ed. [Using lub) ication and cooling fluids in motal cutting Vopaosy primenentia smazochno-okn-layladushehikh zhidkostet pri rezanti metallov, sbornik statei. Ivanovo, Ivanovskit tekstii nyi in-t, 1965, 179 p.

#### METAL-CUTTING TOO IS-STANDARDS

Gtar wheel cutters, Stand, i kach, 30 no. 11:78 N 166, Hard-alloy tips for cutting tools, N. F. Loginovskaia. Stand, i kach 30 no 11 79 N 166.

Stand, I kach 36 no 11 79 N 166.

Russia (U.S.S.R.) Goaudarstvennyi komitet standartov, mer I izmerifel raykh pi borov. [Finishing gear cutters for shafts and holes of slot joints having an involute profile] Dolbiaki zuborcznye chistovye dlia valov i otverstii shiftsevykh scedinenti s cvol ventnym profilem. GOST 6762-65. Izd. ofisial/noe, Moskva [Izd-vo Standartov] 1966. 24 p. (SSSR. Gosudarstvennyi standarty

#### METAL KINS

Adsorption of indiam, cobalt, and sinc ions it om acctone on the surface of graphite, germanium, ellicon, and quartz V.S Sotnikov, M.I Kuznetsova Hadiokhimila no 6,691-692 66.

Adsorption of metal loas from H₂O, H₂O₂, and KOH on the surface of p-n germanium and silicon junctions. B. S. Schikov. A. S. Belancesidi. A. D. Trakhtenberg. Radiokhimita no. 6 617-621 166.

#### METAL POWDER PRODUCTS

Magnets from powdered metal ceramic using the products of mechanical treatment of cast per manent magnets, A. L. Petish, buk, V. L. Schlar, Lv, vys. acheb. 7nv., elektromekh. 9 no 12 114-1 117 766

#### METAL POWDERS

Investigating vibratory compaction of hard-alloy powders.

1. P. Tartakovskii, V V Ivaslithinko. Tekh, mashinostr.
10.1.91-96 *66

Preparation of zine powder by electrolysis of zine hydroxide atkaline putp. V. A. Shormanov, T. I. Kunin. Izv. vys. ucheb. zav. khim, i khim, t./h. 9 no. 5:790-801

#### METAL POWDERS-MAGNETIC PROPERTIES

Magnetization of finely dispersed particles of Fe-Co alloys, I. A. Deringin, M. A. Sigal. Fiz. met. I metal-loved. 22 no 4:529-537 O '66

Electric and optical properties of titanium dioaide films. T.S. Traying, IU. A. Mukhin Izv.vys.ucheb.zav., fiz. 9 no.5:74-80 '66.

## METALLIC FILMS-ELECTRIC PROPERTIES

Magnetic and electric properties of it on gadolinium films. A. A. Nedel'ko. V. A. Buravikhin | Izv. vys.ucheb.zav.; fiz. 9 no. 6:155-156 '66.

## METALLIC FILMS-MAGNETIC PROPERTIES

Dependence of committee force in thin ferromagnetic films on contain f. ctors. K. A. Egian, R. G. Arctionion. Fiz met.i metalloved. 22 no. 4:556-562 O 666.

Magnetoclastic interaction in thin magnetic films. V. A. Ignatcheno, E. V. Kuzlmin. Fiz. met. i metalloved. 22 110.4:623-624 O G6

### METALLIC FILMS-OPTICAL PROPERTIES

Study of the optical properties, structure and phase composition of lend sulfide and selentide layers. G.D. Voltovich and others. Opt.-mckh.prom., 33 no 12

## METALLIC FILMS—THERMAL PROPERTIES

Thormal processes in thin films. III. M. Volokobinskii and others. Dokl. AN SSSR 172 no. 1:83-86 Ja '67.

## METALLIC FILMS-THERMODYNAMICS

Thermodynamic properties of thin superconductive films D. A. Kirzimits . E. G. Makstmov. Fiz. met. i metalloved 22 no.4:520-528 O Gb.

METALLIC ORGANIC COMPOUNDS see Organometallic

### METALLIC OX IDES

Contribution of crystalline field offect to oxygen energy bonding in oxides with spinel structure. N. N. Bulgakov. IU. A. Borisov Kin. i kat. 7 no. 8:1007-1014 N-D 166.

Effect of additions of lithium and beryllium oxides on

Effect of additions of lithium and beryllium exides of the kinetics of lead dioxide reduction by hydrogen A V, Ermolaty, C. A. Kusova Trudy TGU 185 28-31 45. Effect of additions on the kinetics of iron catalyst exida-tion, Pert 1. M. M. Lehedova, A. IA. Rozowskii, F. V, Korenevskiia, Kin.i kat. 7 no.6;1052-1059 N-D 466.

### METALLOGRAPHY

Krupitskii, B.A. [What a heat treatment technician should know] Chio dolzhen znat termist. [Leningrad] Lenizdat, 1966. 190 p.

[Studying defects in the crystal structure of metals and alloys] Izuchenie defektov kristallicheskogo stroeniia meiallov I splavov Kiev, Naukova dumka, 1966—143 (Respublikanskii mezhvedomstvennyl sbornik Ser lia ւ 143 թ. Meiallofizika)

#### METALLURGICAL ANALYSIS

Distribution of sulfur between the charge mixture and products of smelting in a blast furnace, G. A. Volovik, Stall 21 no 11967-971 N 161

Kovalenko, P. N., and K. N. Bagdasarov [Physicochemical methods of analysis, practical textbook] Fiziko-khimi-cheskie metody analiza; prakticheskoe rukovodstvo, 2. izd., isp.1. dop. [Rostov-na-Donu] Izd-vo Rostovskogo univ., 1955–383 p.

METALLURGICAL LABORATORIES see subdivision under Gomel'

METALLURGICAL LABORATORIES-DESIGN AND CONSTRUCTION see subdivision under Donetsk

#### METALLURGICAL PLANTS

(see Also subdivision under Nizhniy Tagil, Siberia, Western)

Roasting building of an iron ore dressing plant Z.SH Komanovskii Prom stroi 39 no.12:18-21 '81

METALLURGICAL PLANTS-DESIGN AND CONSTRUC-TION

(see also subdivision under Kachkunar, Sverdiovsk Province; Nizhniy Tagil; Ural Mountain region)

Planning of ore dressing plants and stage treatment processes. M. M. Poliakov. TSvct. met 33 no. 3: 4-9 Mr *60

## METALLURGY—CONGRESSES

Sovesichanie po eksperimentalinoi tekinike i metodam vysokolemperatu nyki izmerenii, 2d. Experimental techniques and methods of bigh-temperature measure-ments; transactions] Eksperimentalinata tekhnika i metody vysokotemperaturnyki izmerenii, [trudy]. Mo-skva, Nauka, 1986. 234 p.

### METALLURGY-QUALITY CONTROL

Terromagnetic probe cocreive force meter for quality control of heat treatment. V. M. Frantsevich, IU. I. Borabash, T. V. Mill'man. Defektoskoptia 2 no. 5,102-105 '55.

Betenfelds, Valdis, [Materia)s used in the machinery in-dustry | Masinbuve lietojarnie materiali, Riga, Liesma, 1966, 90 p. (Jauna stradnieka biblioteka) (in Laivian)

Kornilov, I.I., and others. [Metallochemical properties of the elements of periodic system, monograph and reference book] Metallokhimicheskie svoistva elementov period leheskoi sistemy, monografika-spravochnik. Mo-skva, Nauka, 1966. 350 p. chart (insert)

Mechanism of polydimethylsiloxane thermal stabilization by titanium and iron compounds S.R. Rafikov and others. Dokl. AN SSSR 171 no 6:1452-1354 D '66.

Metal content in petroleum preparation plants 1. N Rybachok, Nuft khoz 14 no. 12 19-52 D 66. [Physical properties of extra-pure metals and semiconduc-

tors| Fizicheskie svolstva osobo chistykh metaliov i poluprovodnikov. Tashkent, Fan, 1966, 145 p.

Studying the stability of sunflower seed oil in the presence of heavy metal salts. S.S. Kondratenko, IA Pokonny, G. IAntchek, Mash. -zhit, prom. 33 no. 18-10 Ja 167,

Theory of mass transfer in solid metals. M.D.Hlinchuk, Ukr, fiz, zhur. 4 no.5:684-685 S-O '59,

## METALS-DEFECTS

Calculating the magnetostatic field of surface defects.

Part II Topography of the field of defect models. N.N.

Zatsepin, V.E. Shcher binin. Defektoskopila 2

no. 5,50-59 '66.

# METALS--FATIGUE

ner tain—EATOOL Fifteient trading of metals in securing lesting durability, L. V. Konovalov Vest, mashinosti. 47 no. 1,12-15 Ja '67

Ciastic-plastic deformation of the EI-437B alloy in connection with thermal fatigue. S. V. Sei ensen, P. I. Kotov Teploenei getika 7 no. 8 60-66 Ag 160.

## METALS -HARDENING

Temperature dependence of the electrical resistance maximum in the aging of aluminum alloys. III, I.Paskali. Izv. vys. ucheb. zav., fiz. 0 no. 6:130-132 166.

Theory of strain hardening of metals with a face centered cubic lattice. A. L. Rottburd. Fiz. met. 1 metallowed. 22 no 5:945-947 D '66.

Aleksandrov. Energomashinostroenie 6 no. 8:92-34 e. 100.

## METALS-HEAT TREATMENT

Krupitskii, B.A. [What a heat treatment technician should know Chio delzhen znat' termist. [Leningrad] Lenizdat, 1906, 190 p.

## METALS—OSCILLATIONS

Oscillation dependence of the surface resistance of a metal on a weak magnetic field, M.S Khaikin, Pustvered, Zhur, eksper i teoret, fiz. 4 no. 3 164-169 8 166.

#### METALS-OXYGEN CONTENT

Use of a hot hollow cathode for spectral isotopic determination of gases in metals. N A Zalorina, G S Layervo, A A.Petrov, Vest i GU 21 no 22 38-10

#### METALS—PICKLING

New technical inhibitors of acid corrosion of inetals, A S Afanaster and others, Tekh, rorg protzy no 6: 73-78 H-D '66

Studying the process of jet picking of steel in iron chloride and sulfate solutions R A Machevskain, V P. Bazhenin Lakokras mat i ikh prim no 6 13-36 '66

#### METALS-STORAGE

hirangement of metal storage A.G. Lysialov Mashi-nostroitel' no 1,43-45 Ja '67.

#### METALS, EFFECT OF TEMPERATURE ON

Compensation method of testing thei mobimetailic sensitue clements A V Usul'isev, N F, Platonova dy NIIGMP na 15 66-71 166.

Estimating possibility of damage to commercial tron in the process of fatigue testing at 20°-800°C M G Lozinskii, A N Romanov - Izv AN 555R, Mct - no, 1:122-128 Ja-F - 167

Study of carbide precipitation processes during the quenching of hardened chromium steel with 0.5 % C and 12 % Cr. Z. K. Kos*ko. Dop. AN URSR no. 7 910-912

METALS, RABE AND MINOR See subdivision under Altai Mountains; Karelia, Lovozero Tundras, Transbalkalia, Vishnevaya Mountain

#### METALS AT LOW TEMPERATURES

Gudkov, S.I. [Mechanical properties of steel at low temperature; a handbook] Mekhanicheskie svoistva stali pri utzhikh temperaturakh, spravochnik, Moskva, Metallurgia, 1967. 268 p.

Studying mechanical properties of certain titanium alloys at low temperatures I I Kornilov and others Izv. AN SSSR, Met no. 1 160-161 Ja-F 167

#### METAIS IN THE BODY

Determination of potassium and sodium in the myocardium in death caused by scute cardiac insufficiency M M Khait Sud, -med ekspert 9 no 4 20-22 O-D 466

#### METALWORK

Applicability limits of the slip line method in pressure working of metals, V. S. Smirnov, V. A. Luncy - Trudy LPI no. 260-43-45 - 165

Combination of the processes of cold extrusion, reduction, and upsetting in the machinery industry abroad A V. Konovalov. Avt prom 32 no 12:43 D '66

Sovenichanie po aviomatizatsii proteesso mashino-stroonila, 4th, 1964. [Automatic control of processes of welding and pressure working of metals, transactions] Aviomatizatsiia proteessor syarki i obrabotki davieniem; [trudy]. Moskva, Nauka, 1966. 250 p.

## METALWORK-HANDBOOKS, MANUALS, ETC.

[Handbook for a technologist, manual for technologists of the founding, forging and welding departments] Spra-vochnik tekhnologa, posobie dila tekinologov litteinykh, kurnecinykh i svarochnykh tsekhov. [By] M. Baranovskii i dr. Minsk, Belarus', 1966. 551 p.

## METALWORKING LUBRICANTS

Klushin, M.I., ed. [Using lubrication and cooling fluids in metal cutting] Voprosy primenenila smazochno-okh-lazhdalushchikh zhidkostel pri rezanil metallov; sbornik statel. Ivanovo, Ivanovskii tekstii'nyi in-t, 1965, 179 p.

Structure and properties of dispersions of sodium soaps of saturated carboxylic acids in hydrocarbon oils. V. Sinitayn, E. V. Aleeva, IU. L. Ishchuk, Dokl. AN SSSR 167 no. 2:395-398 Mr 166,

## METALWORKING MACHINERY

Calculating rollers for rolling splines by the rounding method. IU G Proskurtskov, B.A. Mel'nikov. Stan i instr. 38 no.1 21-25 Ja '67

METALWORKING MACHINERY-MAINTENANCE AND REPAR see subdivision under Ukraine

### METAMORPHISM (GEOLOGY)

(see also subdivision under Gissar Range region) Averaging of the chemical composition of rocks in a cal-contact metamorphism. D. V. Rundkvist, V. K. Deni-senko, N. E. Chistiakov Zap Vses, min, ob-va 90

Semenenko, N. P. [Metamorphism of mobile zones] Metamorfizm podvizhvykh zon. 2., dop.1 perer. izd. Kiev, Naukova dumka, 1966. 296 p.
Theory of contact thermometamorphism in rocks. G. S. Kravtsov. Trudy TGU 164:118-129 '63.

## METASOMATISM

(see also subdivision under Balkinsh Lake region; Caucasus, Northem)

Rudalk, V.A. [Atomic volumetry as applied to melaso-matte formation of minerals and rocks] Atomno-ob'em-nyi metod v primenenli k metasomaticheskomu mineralo-i porodcobrazovaniiu. Leningrad, Nedra, 1988. 117 p.

#### METASOMATITE

Relationship between the parageneses of alkaline metasomitites in aluminosilicites impoverished by the presometimes in automorphic resempoverished by the pre-sence of a diction in rocks and the potentials of alkalics A. S. Pastenko, V. I. Kovalenko. Geokhimija no il 1980-

Carvical metastases of cancer of the laryax and their ticatment by a combined method M.G. Baradulma Zhur ush , nos 1 goil, bot 19 no 4 62-64 Jl-Ag 159 State of regional metastases in cancer of the cervix uter in the second stage following combined radio-therapy E B, Rozentul, G M Soroku Vop oak, 13 no. 181-83 467.

Subarachnoid introduction of colloidal Aured in preventing Sinarachnoid introdiction of collottal and in preventing metastatic medulloblastomas E I Kandely, F.M. Lians, III M Pilotov, Med 1ad. 7 no 10:21-25 O '62 Use of lymphography in the determination of radiation changes and metastatic I sions of the lymphatic system of the pelvis. I: E Vishnevsketa, E V. Frushnikova, Vop onk 13 no.1:32-38 '67,

#### METEORITES

Comparative data on the determination of elasticity of stone meteorites and certain rocks | F | M Aleksieleva, V, V, Kravets' | Geol zhu | 21 no 268-73 fol Nuclear reactions in iron meteorites | \( \lambda \) P Vonogradov.

1 K. Laviukhina, L. D. Revina Geokhimita no fi-955-

#### METEOROLOGIC AL INSTRUMENTS

Calculation of integral values from currents and voltages in linear electric circlets. I. P. Afmogenov. Trudy GGO no. 199-111-116 '66

Equalizing elements for impulsive schemes (bridges) with scanning conversion V. A. IUI chuk, A. A. Guifaev Trudy NIIGMP no 15:f21-128 166.

Errors in measuring obliquity limit of visibility by method of equal angles. M. A. Golberg Trudy NIIGMP no. 15:32-39 [66]

Integral rhumborneter, V IU, Torochkov Trudy NIIGMP no. 15 3-6 166

International comparison of ozonometric devices of U.S.S.R and German Democratic Republic in Tash-kent, G.P. Gushchin Trudy GGO no 184 35-40 66.

Logical and switching circuits using switching diodes and fet rites with rectangular hysteresis loop. V. F. Melek-hin, I V. Melekhina, Frudy GOO no. 199 153-169 '66

Method for increasing accuracy of switching high-resistance pickups L. M. Persin, S. M. Persin, Trudy GCO no. 190-78-88 '66

Mcthodology and Leaulta of actwork calculation based on principle of distribution of current in wide temperature range. V. G. Nobesov, N. I. Radomyl'skata, Trudy GGO no. 199 147-145 '86.

Methodology of calculation of bimetallic sonsitive ele-ments, K N, Manullov, R L, Binder Trudy NIIGMP no. 15.28-31 '66,

Optimum algorithms of decoding redundant codes. 1, P. Afinogenov Frudy GGO no. 199 174-180 '86. Practical realization of method for autocompensation of

aignal from mist O V Tupitsyn. Trudy NIIGMP no 15,7-12 166.

Regulator of power supply voltage with pulsed feed of a capacitor S. I. Grushin Trudy GGO no. 199:176-173 '66. Thermosounding device for studying lower 500-meter layer of atmosphere, I. A. Fomichev, IU. A. Kurpakov, V. F. Panlomalichtkov. Frudy GGO no. 189 94-100 '66,

## METEOROLOGICALOPTICS

Illuminance in Paylovsk by sky according to corrected recordings by Kalitin-Bylov photometei E.G. Tok-makova, IU.D. Mnishevskii. Trudy GGO no 181 126-128 '66.

Laws of distribution of nocturnal illuminance and lumines-cences of sky and sea. V.I.Zhuraviev, I.L.Zellmanovich, B A. Sergeev. Trudy GGO no 184:73-84 '66.

#### METEOROLOGIC AL SATELLITES

Satellite hunts hunvicanes. A Snitkovskii, M. Sorochinskii, B. Pahenichner. Av. i kosm. no. 1 60-03 Ja 167.

METEORO LOGICAL STATIONS
Prospects of using printed assembly in automatic meteorological stations on base of strengthened ferrite modulus, E. V. Romanov. Trudy GGO no. 199:136-140

## METEOROLOGY-CATALOGS

[Catalog of meteorology and nuclear radiation data of the World Data Center B1] Kat, dan, po meteor. 1 ind. rad. Ja-je '06, Publ. July 1986.

### METEOROLOGY - OBSERVATIONS

(see also subdivision under Bol'shoy Ushkanty Island; Elbrus, Mount)

[Meteorological bulletin] Meteor.biul.TSIP Sep. 1956, publ. '59.

METEOROLOGY, AGRICULTURAL see subdivision under Azerbaijan; Kamchatka; Uzbekistan

METEOROLOGY, AGRICULTURAL—CHARTS, DIAGRAMS, ETC. see subdivision under Soviet Central Asia

#### MUTEOROLOGY, MARITIME-CONGRESSIS

Vectorization soveshchanie po morskoi meteorologii, Leningrad, 1964 [Transactions of the All-Union Con-ference on Marine Meteorology] Trudy Post red NA Kucherova, Leningrad, Gidrometeol/dat, 1966—119 p

#### METEOROLOGY IN AERONAUTICS

Voather forecast and flight planning. N Plaunov. Ax i kosin no 2 25-26 F 167.

#### METEORS

Finite, E. I. [Radiolocation of meteors; some results: f observations, theoretical and methodological products: Radiolokatella meteorov, nekotoryc rezultaty midlackell, voprosy teoril I metodiki Moskva, Sov. radio, 1964

#### METEORS—PHOTOGRAPHS

Kalasev, L. A. [Use of the photographic method in stidy-ing meteors in the atmosphere] Issledovanie meteor, v atmosfere Zemil fotograficheskim metodom, Icaba-grad, Gidrometeolzdat, 1988, 333 p.

#### METHACYRLIC ACID

Molecular rotation in polymers. O. N. Franczako, a. Pait 3 L. B. Lider Vest, LGU 21 no. 72 (17.25 b)

Vulcanization of clastomers with saits of methacivilia and A A. Dontsov, V. E. Mikhlin, B A. Dogadkin, Kyanh 1 1ez. 26 no 120-22 167

#### METHACRYLIC ACID-FATIGUE

Fatigue in fracture of transparent dielectries, V.A. Likhachev and others. Fiz tver.tola 0 no.lk/11/2/3431 N 166.

#### METHACRYLIC ACID-OPTICAL PROPERTIES

Light scattering and viscosity of poly-f-maphth/1 buts r. -late in benzene. V. E. Lakin, A. E. Nesterov, Vert LGU 21 no 22,76-79 466.

#### METHANE

METHANE
Catalytic transformations of equimofar mixture of nethane and carbon dioxide. S. IA, Kurganova and therebold. AN SSSR 167 no. 2 350-353 M1 169.
Determining vapor content of hydrocarbon gazes is an using Shi-3 mining interferometer. M. A. Niching. M. V. Otsing. Caz, prom. II no. 12;18 160.
Using GEUK-21 and FP-1120 gas analyzers for contilling methane control in gas mixture. G. A. Governing prom. II no. 12;36-38 166.

Catalytic interaction of nitrobenzone with methyl that a and dimethyl ether. N. S Kozlov, V. Sh. Pasterrik Uch zap Perm, ped inst. 32:3-9 465.

Combustion method for eliminating methanol in additing air purification V.P. Cherapanov, N.P. Dro. doc, V. Kisarov Zhui priki Phim 34 no 61778-1400 f

Radiation-catalytic transformation of melianol is the adsorption layer on silter gel sampler varying in specific surface area. V. I. Vladimirow and others Dokl. AN SSSR 172 no. 3:628-632 Ju. 167.

Simple method for the quantitative determination of his methylcarbinol using the Deniges reagent, N (1, Polls skii, E, D, Safronenko – Zhur, prikl khim – 11 4 5, f 1376-1378 Je 161.

## METHANOL, EFFECT OF RADIATION ON

Radiation-induced exidation of methanol. B, 1A, 1 to by (12) V, V, Saraeva Kin i kat 7 no. 6 (967-976 N-) (17)

Radiolysis of aqueous sulfuric acid solutions of needed alcohol. G. K. Sibit skaia, A. K. Pikaev. Lav. AN Pulser. kirim, no. 1:190-192 Ja 187.

METHOD OF STUDY see Study, Method of

#### METHYL ETHER

Catalytic mothylation of amines with dimethyl other Northology 1 A. Shur, G. I. Belltiukov, Uch. 2ap Perm 1 inst. 32:39-43 [05]

## METHYL GROUP

Mobility of hydrogen atoms in methyl group of method ketones of the metalcene series N.V. Kinli down, V. S. Setkina, D. N. Kunasanov Izv. AN SSSR Ser Militano, 1.31-38 Ja '67.

Shape of nuclear magnetic resonance line of intersecting methyl groups in crystals. O. P. Rayokatov. Vehl. Mosk. un. Ser. 3; Fiz., satron. 21 no.6:84-99 KAP 5.5

#### METHYLAMINE, EFFECT OF RADIATION ON

Transformations of free radicals under the effect of light in y-irradiated methylamines, G.V.Pukhil'tk. ¹1, A.G. Kotov, S. IA. Pshezhetskii, Dokl. AN 885R ^{1/1} no. 61380-1383 D ¹08,

#### METHYLENE BLUE

Spectrophotometric study of the interaction of errium tons with methylene blue in alkaline medium. A.A. Kachan, V.A.Potsenko, Zhur, neorg, khim, 12 no,1:150-158 Ja '67,

Use of methylene blue for amperometric determination of tin and titantum. N.N. Kuzimina, T.A. Nikuitass, M.G. IArtsev, Izv. vys. ucheb, zav; khim, i khim, i ekt. 9 no. 5:700-712 '66.

(see also subdivision under Transbatkalia; Ukraine)

Increasing the efficiency of geophysical prospecting for inferences pegmatitle veins. S.IA, Hogen'kii. Razved i obb. nedi 76 no 8:13-37 Ag 360.

Structural characteristics of mixed layered to mations to terminating in potes from about ption by we modulities and its loss from mices. III, S. D'iakonov. Zap. Vees min cb-v.: 97 no 6 690-609.

#### MICA CRYSTALS-DEFECTS

Amenling of tracks from fragments of spontaneous fission of uranium in mica crystals and glasses. I.G. Berzina and others. Dokl. AN SSSR 171 no. 6:1313-1316

#### MICE-DISEASIS AND PESTS

Some regular files in the development of superinvesion in hymerodephasis in white intee. B. A. Astarley Med parar i parar bol 35 no 6-705-712 N-D 66.

#### MCE-GENETIC RESEARCH

interpretation of genetic structure of the locus II-2 in mice based on statistical analysis of its alleles, I K I gorov - tanetika no, Il 118-130 -166

## MICTO -ORGANISMS

MEIRU-CHGANISMS
Role of micro-organisms in formation of reduction geo-chemical barriers on wedging-out tones of layered lin nitization. A.L. Lisitein, F. G. Kurnetsova. Izv AN SSSR, Ser. geol. no. i 31-44. Ja. 167.

#### MICRO-ORGANISMS, EFFECT OF DRUGS ON

Determination of the resistance of Pasteu clin pestis to untibiotics, A.P. Optukova, I.M. Vorona, G.B. Minkov Zhur, miki obiol., cpid i immun, 44 no, 1:98-102

Rapid method for determining the sensitivity of bacterial cultures to various antibiotics in liquid media. M. I. Levi, I. A. Gorozbankina, I. A. Sagatovskola, Antibiotici 12, no. 1157-60, Ja. 187.

Resistant to semisynthetic penicillins staphilococci, isolated from patient: A. N. Shouenson, S. P. Rezvan, Apublictki 12 no 1 00-66 Ja 161.

Securitivity to antibodica of micro-organisms isolated in patients with tumors, VA, Kochetkova, I, M, Golubeva Vop. onk. 13 no 1,109 267.

Significance of a short presence of Staphylococcus aureus within macrophages for its sensitivity to autibietica, V.N. Saloviev, E.P. Pavlov, M. A. Vagina. Antibiotiki 12 no. 151-54 Ja 467

Same practical aspects of the resistance of a pathogen to antibiotics [1] B. Gorgiov. Antibiotiki 12 no. 1 07-80]

Same problems of the mechanism of pentelllin action on the barterial cell, L.I. Torbochkina, Autibiotiki 12 no. 1 91-95 Ja *61.

Study of the distribution of drug-resistant forms of

Stidy of the distribution of drug-realistant forms of dysentent pathogens in Discripettovsk E.N. JAnkovskaia, A.D. kovalenko, I.M. Livertovskaia, Anti-biotiki 12 no 189-90 Jn. 487
Therapeutic effectiveness of tetracyclines in dysentery depending on the method of their introduction and sensitivity of the dipither tall bacteria, K.V. Klimov, Sov. med. 30 no.190-92 Jn. 467.

## MICROBIO LOGICAL SOCIETIES

Session of the Molcow Branch of All-Union Microbiolo-gical Society. A.I. Zhukova. Mikrobiologila 35 no.6; 1115-1116 N-D '06.

Session of the Moscow Branch of All-Union Microbiological Society. I 1115 N-D '66. L. A. Beliakova. Mikrobiologija 35 no. 6:

### MICHOBIOLOGY see subdivision under Salgir Valley

#### MICRODIOLOGY-CULTURES AND CULTURE MEDIA

International seminar on continuous cultivation of micro-organisms. L.D. Shaforostova, N.S. Drofeev. Mikro-biologite 35 no. 6;1110-1111 N-D | 66.

Production of antina acids by mice o-organisms in culture fluid and soil. M. C. Tiagny-Riadno. Mikrobiologija 35 no.6:1028-1032 N-D '66.

Species of micro-organisms using butano. Z. P. Telegina. Mikroblologita 35 no. 6:1059-1063 N-D '66.

#### MCROBIOLOGY-RESEARCH see subdivision under Kley

#### MICROCIDE

Characteristics of the antibiotic properties of Penicillium vitale, the producer of microcide, in submerged fer-mentation. O O, Nikol's'ka, Mikrobiol, zhur. 24 no. 5: 30-46 62.

#### MICROCOSM AND MACROCOSM

Developing the concept of the material object in the physics of microcosm, L G, Antipenko. Vop. files. 21 no, 1:104-113 167.

## MICROELECTRONICS

Algorithms for the construction of inequalities satisfied by the distribution parameters of nonthtersecting bodies, V.I., Ryachev, IU. G. Stoian. Kiberactika no. 5,82-82 S-O '00.

Analysis of selective amplifiers constructed as RC microstructures with distributed parameters. V. M. Volkov, V. P. Popov. Radiotekhnika 22 no 127-31 Ja 167.

Transfer characteristics of distributed uniform R-C-NR tekhnika 22 no 1-63-67 Ja 167

Zakis, J. [Microminiaturization in radioelectronics]
Mikrominiaturizacija radioelektronika. Riga, Liesma, 1966, 58 p. [In Latvian]

#### MICROSCODE

Control handles of microscopes and their operational case. R. M. Raguzin. Opt., -mekh prom. 33 no 12 37-13 D 166.

Measuring the light transmission of microscope objectives in the ultraviolet region, R M Latina, L.S Agroskin Opt -mekh, prom. 33 no. 126-8 D '66.

## MICROSCOPY-CONGRESSES

Working conference on problems of automatic analysis of microscopic objects in Pushchino-on-Oka. June 7-10, 1966 Biofizika II no 5-937-938 *66

#### MICROSCOPY, MEDICAL-TECHNIQUE

Imbedding of gasti ic mucosa in paraffin G V TSodikov Arkb, put. 28 no. 12,70-71 186

#### MICROSEISMS

Use of microsolsms in weather forecasting at the Minnyy Station A. D. Sytinskil, Inform biul Sov. antark eksp no. 20 33-38 (6)

#### MICROSPECTRO PHOTOMETRY

Microspectrophotometric study of the effect ordislocations on F-center stability in NaCl-based crystal phosphors. V. I. Stillarenko, V. I. Spikkn. Fiz. tver. teln 8 no 11 3201-3203 N '66.

#### MICROWAVES

Dependence of additional absorption on the form of a fertite object, 1, V, Shchukin, Radiotekhnika 22 no 158-

Dymovich, N.D., A.Z. Firsov, and N.P. Krastuk. [Radio waves in the ionosphere and ultrashort waves, textbook] waves in the lonospinere and unitation waves, values. Radiovolny v ionosfere i ul'itakei otkle volny; uchebnoe posobie. Obshelala red. N.P. Krasiuka Leningrad, Severo-Zapadnyi zaochnyi politekh in-t, 1986 82 p.

[Noises and parametric effects in microwave devices] Sauny i parametricheskie iavientin v elektromykh priborakh sverkhvysokikh chastot. [By] V.M. Lopukhin i dr. Moskva, Nauka, 1966. 371 p.

Smogllev, K.A., I.V. Voznesenskii, and L.A. Filippov.

[Microwave receivers] Radiopriomaki SVCh. Moskva, Voenkdat, 1967. 555 p.

(see also subdivision under Syria) [History of the Middle Ages in two volumes] Istorita sı ednikh vekov v dvukh tomakh, Pod red. S. D. Skazkina i dr. Moskva, Vysshala shkola, Vol. 2, 1966, 386 p.

### MIDDLE AGES-HISTORY-STUDY AND TEACHING

Gora, P.V., comp. [Practice in studying the history of the Middle Ages in the 6th grade] Opyt izuchenila isto-rii srednikh vekov v VI klasse. Moskva, Prosveshchenie, 1985. 209 p. (NIC)

MIDDLE CLASSES see subdivision under Africa, Sub-Saharan; Cuba

#### MIDDLE EAST see Near East

MIDGET SUBMARINES see subdivision under United States

MIGRATION, INTERNAL see subdivision under Siberia

#### MIKHELISON, ALEKSANDR IVANOVICH, 1876

Aleksandr Ivanovich Mikhellson; on his 90th birthday, V. V. Nikitin, K. M. Muradov 12v AN Turk SSR. Ser. biol, nauk no 5 95-96 '66.

#### MILISTEPPE see Kura Lowland

#### MILIAKOV, M.

Summit of an heroic deed, M. Kudriashova, V mire knig 6 no. 6:31 Je '66.

MILITARISM see subdivision under Germany, West

MILITARY ARMORED VEHICLES see Armored vehicles, Military

## MILITARY ART AND SCIENCE

Dialectical correlation of objective and subjective factors during a war. I. Grudinin. Voen. -ist. zhur. 9 no.1:3-13 Ja 167.

Rational planning and clarity of purpose in armed struggle. M. IAsiukov. Komm. Vooruzh. Sil 47 no. 1 48-55 Ja

MILITARY BASES, AMERICAN see subdivision under

MILITARY COMMUNICATIONS see Communications. Militai v

## MILITARY DISCIPLINE

People and their motives, S loviey Voca, test 41 no. 6 61-63 Je '61

#### MILITARY EDUCATION

(see also subdivision under Chelyabinsk; Leningrad; Moscow)

By joint efforts L Vtorushin Voen, vest 41 no, 6 53-55 Je '61.

The chief thing is neld training. Voen vest 41 no. 6. 9-11 Je '61

Gavrikov, F. K. [Organization and planning of instruction. Study of regulations] Organizatina I planirovanie obucenila lzuchenie ustavov Moskva, Voenizdat, 1966 201 p (Posobie po obuchemnu molodogo soldata, no 1)

Let us inculcate the spirit of noble morality and high militancy into our cadets. G Gladchenko Vooruzh Sil 47 no 122-27 Ja 167

New frontiers ahead Voen znnn 43 no 1:4-5 Ja

The 20th anniversary of the Military Academy of the General Staff N Svethshin, P. Mochalov Voen -ist. /her. 9 no 1:116-120 Ja 167

Training exercises and demonstrations P. Babichev, I Zhivitsa, I Koniushenko, Voen, vest 41 no 6.78-79 Je '61.

#### MILITARY ENGINEERS

An outstanding military engineer, P. Biriukov, V Istomin Voen, ist, thur. 9 no. 1 37-42 Ja 167

## MILITARY FIELD ENGINEERING

Engineer support of an attack P Pricilianov, Voen, vest, 41 no. 6:44-47 Je '61,

Training of troops in military engineering A Proshliakov. Voen vest ii no 6:23-26 Je '61

MILITARY MINES see Mines, Military

MILITARY MUSEUMS see subdivision under Moscow,

MILIPARY RADAR see Radar, Military

MILITARY RADIO see Radio, Military

#### MILITARY RECONNAISSANCE

Radiation and chemical reconnaissance. V Nesterov, Voen, vest, 41 no 6 102-105 Jt  $^{-161}$ 

MILITARY SHOOTING see Shooting, Military

## MILITARY SPORTS

1961 ends Sov voin 43 no 24,40-41 D '61.

MILITARY STREAM CROSSING see Stream crossing, Military

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#### MILITARY TRAINING

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If you made a promise.... M Zimenkov. Komm. Vooruzh, Sil 47 no 1 56-62 Ja '07

## MILK-ANALYSIS AND EXAMINATION

(see also subdivision under Ukraine)

Is single index sufficient? P. Percverzev. Zakup. sel'khoz. prod. no. 12:22-23 D '68.

## MILK-COMPOSITION

Change in the composition of cow milk by fractions of a single daily milking L. V. Kulikov. Dokl. TSKH4 no. 45;119-124 '50.

Effect of age and lactation number on chemical mulk composition in machine milking of mates Kh. Diusem-bin, IU Diduk, Trudy Inst. fiziol. AN Kazakh. SSR 10 156-161 166.

Ensilage as feed of cows and the quality of milk. B. N. Nikitin. Trudy Inst fiziol AN Kazakh SSR 10,172-176

Factors affecting the dry matter content of milk. R.B. Davidov. Vest.sel'khoz nauki il no.12:73-78 D '66. Protein composition of sheep milk. Trudy Inst. fiziol. AN Kazakh SSR 10-167-171 186,

Relation between lat and protein content of cow milk, L.P. Pianovskaia. Vest, sel'khoz, nauki 11 no. 11:60-68

#### MILK, DRIED

Effect of corn silege in rations for cows on the quality of dried milk. I. A. Radaeva. Dokl. TSKHA no. 45:107-112

#### MILK AS FEED

Meat productivity of Swiss bulls reised at reduced rates of whole milk. V.K. Kazakovich. M.D. Koncha. Vestsi AN BSSR. Ser. sel⁴hasp. nav. no.4:89-94 ⁴66.

#### MILK HYGIENE

On the new products and the quality of milk. N. Lipatov Zakup sellkhoz prod. no 8 57-60 Mg 168

Supply state with high quality milk! D, Shlionship Zakup sel'khoz prod. no, 12,11-13 D '66.

#### MILK SUGAR see Lictose

MILK TRADE see subdivision under Vologda Province

#### (see also subdivision under Istia District)

Increasing the effectiveness of machine milking V. Mia tumian, N Petulhov Vest scl'khoz, nauki il no 12,

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Semidry disinfection of millet seeds, L.F.Sevrusova Trudy kHSkHl 56 48-51 166

#### MILLET-DISEASES AND PESTS

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#### MILLET-FERTILIZERS AND MANURES

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Effect of nitrogen-phosphorus potassium fertilizer on the yield of millet grain N N Denisenko, Khim v sell khoz. 5 no.1.13-14 Ja 167

#### MILLET-MILLING

Operation of new machines for the scouring of millet at the Mirgorod Groats Plant, L. Vinokur, B. Goikhen-berg, Muk.-elev.prom 33 no 125-26 Ja 167

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Nomogram for determining momentary angle of shift of cutter tooth. V. V. Dushinskii. Tekh mashinostr. no. 1 42-52 166

Optimal conditions for gear milling vith hobbing abrasive wheels. E P. Kalinin and others. Vest mashingatr. 47 no.1:63-55 Ja '57.

Optimal geometry of cutting tools and cutting speed in end milling of cast low-magnetic steels, V G. Podporkin, V, D. Shishkov Vest, mashinosti. 47 no.1;68-68

fe of the knife set of conical mills. apcsotskii, Bumagodel', mash

ng balls, B Ardashnikov, Mat. 77-78 O '66,

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#### TACHMENTS

ions N.F. Iliushin Mashi-

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#### MINE BUILDINGS

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MINE BUILDINGS-SAFETY MEASURES see subdivision under Lvov-Volyn' Basin

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## MINE COMMUNICATION SYSTEMS

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#### MINE DRAINAGE

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#### MINE DRAINAGE-EQUIPMENT AND SUPPLIES (see also subdivision under Kursk Magnetic Anomaly)

Results of using hydraulic elevator pumps for dealing coal out of and draining water from sump pits, V.A. Biennei, N.N Hezuglov, G.G. Lartsev Ugol¹ 37 no.12 24-25 D '62

#### MINE DUSTS

(see also subdivision under Karaganda Basin)

Vostochnyl nauchno-issledovatel'skii institut po bezopas-nosti rabot v gornol promyshlennosti. [Instruction on dust control by methods of preliminary wetting of cont seams] Instruktsiia po bor'be s pyl'iu metodom pred-varitel'nogo uvlazhneniia ugol'nykh plastov. Moskva, Nedra, 1966, 75 p.

## MINE DUSTS-SAFETY MEASURES

Increasing the efficiency of the method of coal wetting by using deep infusion N. V. Poliakov, P. N. Torskil, Ugol' 37 no. 12 31-35 D '62.

#### MINE FILLING

Stability of interchamber pillars in Dzhezkazgan Mine-A. L. Trebakov, L. I Frei. Bezep truda v prom. il no.1,44-46 Ja ¹67.

#### MINE FILLING-EQUIPMENT AND SUPPLIES

Estimating the efficiency of transfer to a system with hardening filler in working deposits expused to fire hazards PF Zurkov, M.N. TSygenov. Izv. vys. uchcb ziv., gor. zhui. 8 no 9.11-17 '65.

Scraper equipment with BS-1 winches for mine filling, G.F. Liubenko, A.V. Kuznetsov, I.I. Demochko. Ugoli 37 no.12 26-27 D '62,

#### MINE FIRES

Estimating the efficiency of transfer to a system with hardening filler in working deposits exposed to fire hazards. P E Zurkov, M N.TSyganov, Izv.vys.ucheb zav., gor. zhur. 8 no 0 11-17 '65.

#### MINE CASES

### (see also subdivision under Moscow Basin)

Analysis of a frequency converter of transducer informa-tion on control of parameters and components of mine gas, A V, Prymak, Dop, AN URSR no. 10;1294-1209

Degasification of the No. 4 "Velikomostovskala" Mine. K. P Krasheninnikov, Ugol Ukr 7 no. 3:42-41 Mr 163,

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Experimental study of transfer characteristics of a singlechamber thermocatelytic methane transducer, V. Tarasevych, Dop. AN URSR no. 12:1577-1580 '66.

New suggestions for the control of methane in coal mines, N. A. Zaitsev, M. S. Androsov, Ugol! 37 no 12-38-43 D '62,

Single-chamber, thermocatalytic methene indicator as measuring element of the automatic control system of coal mining machine per formance according to the gas emanation factor. V. M. Tarasevych. Dop. AN URSR no.10,1302-1308 166.

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#### MINE GASES-SAFETY MEASURES

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#### MINE HAULAGE

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Leites, Z.M., and V.A Sysoeva. [Methods of establish-ing optimal flow sheets for underground bankage using the theory of graphs] Metodika ustanovlenila optimal nykh tekhnologiehesikiki sikhem podzemnogo transportat a pomosheh tu teo ti grafov – Moskya, In-t goranyo detr im.A.A.Skochinskogo, 1066 – 80 p

The PPM-1 took loading machine used in mining his threat V. B. Voloshin. Ugo!! Uki. 7 no. 3,31-32 Mi (6.3)

## MINE HAULAGE-EQUIPMENT AND SUPPLUS

Conditions of mining operations in deep open-pit minera with use of high benches. V. G. Selianin. M. S. Chitect P. S. A. Bondur. Liv. vys. ucheb. vav.; gor. vian. 10 most; 23-25 67.

Using induction rheograms in conveying these of over all mine hautage equipment, V.A. Chulko, V. V. Shapasala. Bull tekh "ePon inform Gos, pauch "faul, inst namt, tekh inform, 18 no. Il 55-56 N. (66.

#### MINE HOETING

Second problem of the dynamics of a cable of virinite length when the electric motor hate a linear mechanist characteristic I is Shumhans' kyi. Dop. AN 146 dr no 12 1552-1557 '66

Study of a mine skip holst drive using an automatic computer. E. V. Llubimov, A. D. Dinkeit, R k. Adiatullin. Elektrichestvo no. 1:45-51 Ja 464

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Experience in using RDB-4 regulators for automatic articlements control of mine hoist braken. K. P. Botharm L. T. Maksimov. Mach, I obor, dlia mekh, I astonisti tind, prots. v ugali, prom. no 2:354-365 465.

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## MINE HOETING—SAFETY APPLIANCES

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Protecting skips from moving in shafts with open haktor gates. V. Gudz!, I. Val'dman. Hezop, truda v pro n Il no 1:55 Ja '07.

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Experience in using KTU-2 supports in Bukachacha deposit. M I Seredenko, F. G. Tannov, D R. Korovin Ugol' 12 no 171-21 Ja '67.

Lateral thrust and selection of efficient systems for Rining mejor workings at deep levels. P. IA. Galushko. Izv.vys.ucheb.zav.; gor.zhur. 10 no.1;26-33 %7.

Lining of vertical workings by the method of concreting without for mwork. F. V. Kazakevich and others. Shakht, stroi. 10 no. 12:21-22 D '86

Measuring rock pressure in major horizontal mine workings L. M. Erofeev, L. A. Miroshnikova, T. N. TSai, Shakhi, stroi. 10 no. 12:12-13 D '66.

Merkulov, N.IA., A.I.Sokolov, and S.G.Il'inskii. [Operator of a stoping machine complex and coal-mining machine unit] Mashinist ochisinogo kompleksa i ugledobyvaiushchego agregata, Moskva, Nedia, 1966. 278 p.

Review of the book by M.N. Geleskul and E.S. Kisetev 'Construction and calculation of reinforced concrete frame supports." 1.D. Dzhandzhgava. Ugoli 37 no.12 50 D 162,

Russia (U.S.S.R.) Gosudarstvonnyl komitet po delam strollel'stva. [Instructions for the execution and approval of work on reinforcement of mine shafts] Ukazanila po proizvodstvu i priemke rabot po armirovke vertikal'nykh stvolov shakht. SN 340-65, izd. ofitsial'noc, Moskva, Strolizdat, 1988, 9 p.

Urgent industrial problems and the introduction of precest reinforced concrete timbers. M N. Geleskel, P I. Gneushey, Shakht, stroi. 5 no. 11:4-8 N '61.

Using battery stull posts in steep seam longwalls. V.I. Kravchenko, I.V. Llubchenko. Bezop. truda v prom. il m 1:5-9 Ja '67.

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no. 10:33-42 65.

Zones of elastic and critical equilibrium in slopes of rectilinear outline. M A. Reznikov, V. T. Guzchenko Izv.vys.ucheb zav , gor.zhu: 8 no.10,43-46 '65.

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Equipment for surveying underground chambers, V B Atanovich, 17v. vys. ucheb zav., got. zhur. 6 no. 9; 32-40 65.

Stereophotogrammetric surveying of stopes in Tyrnyauz 1egion. B. I. Beliaev, B. I. Buzinov, N. O. Shil'nikovskaia. Izv. vys. ucheb. zav., got., zhut. 3. no. 9. 27-31. 465.

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#### MINE VENTILATION

Concerning the book by V.S. Nikitin and M. M. Cheenokov "Efforts to control dust and gas in strip mine workings N.Z. Bitkolov. Ugol' 37 no 12:59 D '62.

Conditions of air movement in worked-out areas. L. A. Puchkov. Izv.vys.ucheb zav., got zhat 8 no.10:70-75 '65.

Determining the position of mine shafts according to depression factor. A IU, lakushevskii, Ugol! 12 no.1;24-26 Jn '67

Flatter during varying mode operation of parallel connected fans. A. A.Dzidziguri. N. Sh. Dur mishidze Soob. AN Graz. SSR 14 no. 3;715-720 D 466.

Mathematical description of transient aerodynamic processes in mines. V. A. Boiko, IU M. Karbovskii. Gorelektromekh, i avton. no. 1482-487 465

Mechanism of reversing ventilating currents during underground fires. V. M. Sukharevstyi Dop AN URSR no. 7 917-920 162.

Pressure losses in the exit areas of ventilation systems with new axiat fans. F. M. Levin. Mach. 1 obor. difa mekh. 1 avtomatiz, trud.prots, v ugot prom. no. 2 342-347 (85.

Testing and developing powerful mine fans. I. A. Raskin, Mash, i obor, dlia mekh, i avtomatiz, trud, prots, v ugo!, prom. no, 2;330-311 185.

#### MINE VENTILATION-COSTS

Economic efficiency of ventilation methods during the mining of blind workings. P. B. Kul'bida and others Bezop, truda v prom. 11 no.1;37-40 Ja '87.

Making mote accurate the method of determining optimum carrying capacity of ventilation conduits. B. M. Titov. Izv.vys ucheb.zav.; gor.zhur. 8 no.10;127-134 '65.

# MINE VENTILATION—E LECTROMECHANICAL ANALOGIES

Taking into account the characteristics of fans in electric model studies of mine ventilation systems, A.A Dzidziguri and others. Sonb. AN Gruz, SSR 27 no.2-173-180 Ag *61.

# MINE VENTILATION—EQUIPMENT AND SUPPLIES (see also subdivision under Donets Basin)

Concerning the hook "Combined operation of mine lans," F. A. Abramov, M. G. Ripp, Ugol Ukr 6 no. 12-44 D 162.

Deconomical operation of mine fans. I.A. Raskin. Ugoli Ukr. 6 no. 12:35-37 D 162.

Equipment with centrifugal fans with an interlocked blowor and suction conduits. V. S. Pak, C. A. Babak, F. S. Marinovskii, Ugoli Ukr. 7 no. 3:33-35 Mr *63.

Testing the guide vanes in housings of radial mine fans. G.V. Ivanov. 12v vys. ucheb. 2av.; gor. 2hur. 8 no. 9: 119-120 *65.

Ventilation equipment with a short underground bypass conduit. L. IA, Shito, Ugoli Ukr 7 no. 3.38 Mr 463,

#### MINE VENTILATION-GRAPHIC METHODS

Graphic analysis method for studying air flow in workedout areas. K.Z Ushakov Izv.yys ucheb.zav; gor. zhur 10 no 161-65 '67.

#### MINE VENTULATION .... MODELS

Ventilation of unilateral stopes in hydrautic mines with local ventilation fans and air leakage into worked-out areas. M.P. Kukharskii. Izv vys. acheb, zav., gor, zbur, 8 no 9 73-78 165

#### MONE WATER

Concerning the book by N. G. Trupak "Methods of controlling water in potash and sait mines." F. L. Shishov and others. Ugol' Ukr. 6 no 12 11-45 D 62.

Determination of the flow coefficient of sands based on the granulometric content in evaluating the water content of deposits I.O. Skabalianovych Geol zbur 21 no 2 52-50 '61

Efforts to control the effects of weather disturbances N A. Butkin Ugol' 37 no. 12 55 D '62.

Method of determining probable annual average amount of mine water according to surface discharge M.A. Elemin Izv.vys ucheb zav , gor.zhur. 10 no.1,3-9 167

#### MINERAL OILS-ADDITIVES

Improving technology of producing VNIINF-370 additives, N F, Karpov. Nafteper, a neftekhim no 8:15-18 '66,

#### MINERAL WATERS

(see also subdivision under Borzhomi, Georgia, Chukhuyurd, Azerbaijan; Crimea, Firyuza, Turkmenistan; Uglich, Yaroslavi Provinco)

Mechanism of the action of mineral water when taken internally, N.1 Abkseichik Vop, kur., fizioter, i lech, fiz, kullt 27 no 6 488-493 N-D 462,

Nature of the sulful of mineral waters and hydrothermal deposite M. M. Konstantinov Geokhimita no. II 1027-1028 161.

Use of mineral waters, L.L. Konovalov, Prinoda no 1 127 Ja 467.

MENERAL WATERS, SULFUROUS see subdivision under Chukhuryurd (Azerbaijan); Saratov; Socht

#### MINERAL WOOL

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### MINERAL WOOL-DRYING

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#### MINERALOGY

(see also subdivision under Adzharistan; Ukraine; Verkhoyansk Range)

Distorted forms of crystals and their significance for determining direction of mineral-forming moving solutions. Ch D Dzhafatov. Min shor. 20 no 4-513-518 168.

Resays on structural minoralogy Part 17. Essays Nos. 113-116. N.V. Helov Min Shor. 20 no. 2 143-155 166

Internal structure and genesis of mineral individuals as revealed by study of magacitic, V N Sergeev, A. M Kuz'min. Min. shor 20 no. 4 507-512 166 "Iransite." now sulformented of inidium. Thedium.

ruthentum, and platinum. D. Genkin and others. Zap. Vses.min.ob-va 95 no 6;700-712 '66.
Method of X-rayed balls for determining crystallographic

Method of X-rayed halls for determining crystallographic orientation of individuals in aggregate B. V. Chesnokov Min. sbor. 20 no 4;568-571 '66 Methods for statistical processing of the results of min-

cralogical and other analysis. D. I Gvizd' Inform. btul NIIGA no. 15:74-78 159 Mincralogy of scapolite-amphibole metasomatites from the central part of the ore zone in Khayleol iron ore deposit. IU. V. Induknev. Trudy TGU 164:28-15 163.

Povarennykh, A.S. [Crystallochemical classification of mineral types] Kristallokhimicheskala klassifikatsija mineral'nykh vidov. Kiev, Naukova dumka, 1966, 547 p.

Relationship between the uranium concentration in zircon, monazite, and sphene in granitos and the atteration of those minerals, V. I Baranov, Du Le-tian! (To Liehtien), Geokhimiia no. II 1029-1031 161.

Role of crystallomorphology in practice of geological studies and in evaluation of quality of raw minerals E. K. Lazarenko, Z V. Bartoshinskii, Min, sbor. 20 no. 4 464-473 166.

Significance and problems of crystallomorphological studies of accessory minerals. O I. Matkovskii. Min. sbor. 26 no. 41474-480 *66.

Structural characteristics of mixed layered formations originating in potassium absorption by vermiculities and its loss from micas. IU.S. D'iakonov. Zap. Vses. min. ob-va 85 no.6:590-599 196.

## MINERALOGY, DETERMINATIVE

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Accidental errors in the quantitative-minoralogical analysis of ore slimes and concentrates. D. A. Rodionov, and others. Trudy IMGRE no. 4:214-223 160.

#### MINERALOGY, DETERMINATIVE (Continued)

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#### MINERALS

(see also subdivision under Chernovtsy Province; Crimean Mountains; Il'men Mountains; Karamazar Mountains; Lovozero Tundras, Ural Mountains, Uzbekistan, Yenisey Range)

Accessory numerals of gnersess Mun shor 20 no 2 199-208 66 V. V. Liakhovich,

Distribution of themseal elements in earth crust and quantity of mineral species. A S. Povarennykh Min. sbor. 20 no. 2 178-185. 'b6.

Great tasks. Min. sbor. 20 no. 13-5. '66.

New minerals. Part 10. E. M. Bonsbiedt-Kupletskara. Zap. Vises. min. ob-va. 90. no. 191-117. '61.

#### MINERALS-CLASSIFICATION

Some problems in mineral classification IV, M. Golub-Fore, Z. M. Protod'iakonova Nauch trudy TashGU no 234. Geol nauki no 20 276-279 '64.

#### MINERALS-OPTICAL PROPERTIES

Optical properties of columbite-tantalite and pyrochlore-microlite in reflected light L N Chernik. Zap. Vscs-min ob-va 95 no 6.716-718 '66.

#### MINERALS IN FEED

Effect of mineral additions to rations on the exchange of calcium and inorganic phosphorus between the blood and the vall of the gastrointestinal canal in sheep. P.S. Auromenka Vostsi AN BSSR, Sei sel'hasp nav no 4:

#### MINERALS IN PLANTS

Effect of soil characteristics on ash composition in anmusi spince needles and birch and rowan leaves. M.I. Chekaloya Pochyoyedenic no 1:98-106 Ja '67.

Effect of topdi essing with microelements on absorption of mineral nutrients by some woody plants M.D. Nestsianovich, L.I Rakhtstenka, Vestui AN BSSR Serbiial nay no 3:10-15 66.

#### MINERALS IN SOILS

Some data on the mercury content in the soils of the Nagol'nyy Range \,G Dvotnikov, V IA Petrov Geo-khimnia no 10 920-925 '61

MINERALS IN SOILS-BIBLIOGRAPHY see Bibliography-Minerals in soils

mer I Izmeritel'nykh pribotov. Men's elething for miners Kostium muzhskoi difa gernorabechikh, GOST 10866-64, Izd. offisial'noe. Moskva, Izd-vo Standartov, 1964. 15 p. (SSSR.Gosudarstvennyi standart)

MINERS—DISEASES AND HYGIENE see subdivision under Sadon (North Ossetia)

## MINES, MILITARY

Mine planting from a motor truck. A. Zemlianskii. Voen. vest. 41 no. 6 93-94 Je 161.

## MINES AND MINERAL RESOURCES

(see also subdivision under Black Sea Depression; Karelia; Koryak Range; Ust'-Balyk Oll Field; White Russta)

Decisions of the July Pienum of the Central Committee of the CPSU will provide for further rapid growth in all branches of the national economy. Razved, i okh. nedr 26 no. 8:1-4 Ag '60.

New efficient types of building materials and their new material base. M. B. Grigorovich. Razved, i okh, nedr 26 no. 8-63-61 Ag '60.

Rozin, M.S. [Geography of the mineral resources of capitalist and developing countries] Geografila poleznykh iskopromykh kapitalisticheskikh i razvi valushchikhsia stran. Moskva, Prosveshchenie, 1966.

MINES AND MINERAL RESOURCES—CONGRESSES The 5th International Congress of Mining, Ugol' 42 no.1 72-73 Ja '67,

## MINGECHAUR RESERVOIR-KE

Ice phenomena on Mingechaur and Varvara Reservoirs. R.B. Tarverdiev Shor, rab, po gidrol, no. 6:105-107

MINGECHAUR RESERVOIR REGION-GEOMORPHOLOGY Geomorphology of the shore line of the Mingechaur Reservoir M. A. Abasov. Trudy Inst. geog. AN Azorb.

## MINING ENGINEERING

Baron, L.I., and A.V. Kliuchnikov. [Smooth blasting in mining operations] Konturnoe vzryvanie pri prokhodke vyrabotok, Leningrad, Nauka, 1967. 202 p.

Brineless method of freezing rocks, P. A. Shparber, Khol, tekh. 13 no 12:23-25 D '66

Fifect of size of unsupported mines on their strength V.I. Sheinin Shor MIO3n no 56:101-194 466

For improvement and wider introduction of the volume projection method, N.N. Dronin Shakht, stroi 5 no 118-12 N 161

Ivanov, K. I., and others. [Boring techniques and equipment in the working of mineral deposits] Tekhnika bureniia pri 1a21abotke mestorozhdenii poleznykli iskopaemykh Moskva, Nedra, 1966, 377 p.

Laboratory studies of support pillar parameters in new ore-drawing methods. V.I. Kuznetsov Izv.vys.ucheb zav., gor zhur 8 no 10,15-18 '55.

Objectives of mine builders in creating the material and technical base of communism, no 11,1-3 N '61

Possible limits of lowering the water level in drying mines and quarries OB. Spirgello, S. A. Barynin Shakht, stroi 10 no 12 (4-16 D 166.

Sprayed concrete and its use in underground mines. I. / Bottsenkov, L. N. Bellaev, D. M. Golittsynskit Shakht, btroi, 5 no. 11 13-17 N '61

#### MINING ENGINEERING—ABSTRACTS

[Mining] Ref. zhur. Gor. delo no. 2 F '67.

MINING ENGINEERING-BIBLIOGRAPHY see Bibliography—Mining engineering

#### MINING ENGINEERING-COMPETITIONS

Brief news. Ugolt Ukr. 6 no. 12:16-48 D 162.

#### MINING ENGINEERING-COSTS

Open-pit mining of deposits by stages. V.S. Khokhi ialov. Izv.vys uchob zav "gon. zhar 8 no 10; 19-26 ¹65

Studying advantages of carrying out parallel operations of shaft sinking and shaft bottom working. V, V, Pokotii. A, R, Sotskii. V, L, Sakhnovskii. Izv vys.ucheb.zav., gon zhm. 10 no.1:34-40 67.

# MINING ENGINEERING—PRODLEMS, EXERCISES,

Chokanov, V.D. [Collection of problems and exercises in general and mining electrical engineering] Shornik zadach i uprazhnenit po obshchei i gornol elektrotekhnike. Mo-skva, Nedra, 1986. 223 p.

#### MINING ENGINEERING-STANDARDS

Standards for mine signs and symbols, Stand, i kach. 30 no. ii 77 N *66

#### MINING GLO LOGY

(see also subdivision under Kizel Basin; Kuznetsk

Dependence of spontaneous fires upon petrographic com-position of the seam. L. N. Bykov, E. I. Zakharov, A. M. Klimanov Ezv.vys ucheb.zav., gor.zhm. 10 no.1.50-

Determining the performance of "Tula" powered stoping compleves taking into account basic mining geology factors. P. E. Moiseev, Shor, nauch, trud, PNIUI no.10; 28-65 66

Determining the value of scepage interstice in mine walls. P. N. Kostukovich – Izv. vys. ucheb. zav. , gor. walls, P, N, Kostukovich zhu: B no. 9:3-10 165.

Influence of large-scale caving of hanging side a ocks on mining open ations. D. Z. Shish. G. S. Shikrebko. Izv. vys.ucheb.zav.; goi.zhur. 10 no.1:10-13 'b7.

Operating conditions of cutter-loaders for steep cont seams, V. I Zaverincv, B. N. Morogovskii. Mash. i obor, dlia mesh. i avtomatiz, ir ud, prots. v ugo!, prom.

Operating conditions of the actuating mechanism in UMK-type cutter-loaders. N. F. Pisarev. Mash, i obor, dita ekh, i avtomatiz, trud, prots, v ugoli, prom. no. 2:97mekh, 1 a 105 '65,

Operational efficiency of cutter-loaders in thin steep coal seams of Donets Basin central region M. D. Raitsyn, Mash, i obor, dlia mekh, i avtomatiz, trud prots. v ugo!!, prom no 2 45-51 165

Structure of filter zones in drainage borcholes and open filters, V.M. Gavellko, V.V. Safonov, V.E. Annilov Shakht strol. 10 no. 12:7-11 D '66,

MINING INDUSTRY see subdivision under Uzbekistan

### MINING INDUSTRY-FINANCE

ome characteristics of the economic reform in the mining industry. IU. IAkovets, Plan. khoz. no 2:31-37 F 167.

#### MINING INDUSTRY-MANAGEMENT

Egurnov, G.P. [Economics of the mining industry] Ekonomika gornoi promyshlennosti, Moskva, Nedra, 1966. 223 p.

MINING INDUSTRY-SCHEDULING see subdivision under Tekeli region (Kazaklıstan)

#### MINING MACHINERY

Awards for new mine-constructing machines, S.P. Mikhalenkov, Shakht, stroi. 5 no 11:30-31 N '61.

Concerning the book by M. P. Melchanin and V. A. Zvel a "Sch-propelled equipment in mines, "h. D. Sheylykin Ugell 37 no. P 58-59 D '62

Elements of the theory of the sudden stopping of imming machinery A. N. Golubentsev. Ugal' Uks. 7 mg, 148machinery 22 Mi '64,

Millionce of selecting the point of measuring controlled values on stability of direct d motion of an union steal mining machine. L. A. Shokhet, I. V. Kaplenko, too elektromekh ravtom—no 1.115-119 [68].

Kudriashov, V.P., IU. I. Mikhailov, and A. K. Sidareko Mining machinery | Gornye mashiny, Moskva, Nedia, 1966 | 286 p.

PVV-1 machine for completing angular raises, Shakht stroi, 5 no. 11 1 of cover N 181

Star ipov, V.Sh. [Mechanization and automatic control in the mining industry] Mekhanizatshia i avtomatizatshia y gornorudnoi promyshiennosti. Alma-Ata, "Razikhelin, 1995—125 p.

## MINING MACHINERY—DESIGN AND CONSTRUCTION

Using self-propelled equipment complexes in uprafor mining in Krivoy Rog Banin A. I. Samorodcharbour ) others. Shakht stroi. 10 no. 12:17-18 15 456

#### MINING MACHINERY—DYNAMICS

Dokukin, A.V.IU.D. Krasnikov, and Z.1A. Khurgin, [Analytical principles of mining machinery dynamics] Analiticheskie osnovy dinamiki vyemochnykh mushin, Moskva, Nauka, 1966. 169 p.

MINING MACHINERY—EXHIBITIONS
The "Intergomagh-64" international exhibition of intuing equipment, S. Kh. Klorik'uan, Ugol' P no. 171 to 18

#### MINING MACHINERY-TESTING

Minister McDingerit — Let involution of Dokukin, A. V., and IU. D. Krasnikov. [Experimental att. f. of loads on mining machine actuators, methodal J kript if mental not issuedovanie magnazok na ispolnitel mantar organism organism. A.A. Skochinskogo, 1966. 9 p.

Stability of directed motion of a mining machine in a global systems of automatic control. LA Shoikhat, IV Kaplenko Gor, clektromekh tavtom, na 1467-114-144

#### MINING SCHOOLS AND EDUCATION

In the technical schools of our country | Speciary to 144 13 no 7:9 J1 '66.

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MINSK-DECONTAMINATION (FROM GASES, CHEMI-CALS, ETC.)

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# MINSK-MEAT INDUSTRY-MANAGEMENT

Miask Packing House. I B Broids, Prom Rel 19 no. 1:30-32 Ja 167.

## MINSK-MOTORCYCLE INDUSTRY-MANAGEMENT

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#### MINSK---TRACTOR INDUSTRY

Minsk Tractor Plant, I, Rozhkov, Vnesh. torg. 46 no. 12:52-53 466.

## MINSK PROVINCE-INDUSTRIAL MANAGEMENT

Industry of the metropolitan province. A.B. Neell vikit. Prom. Bel. 10 no. 2:1-4 F 407.

## MINSK REGION-LUPINE

Growth and development of root systems of out sixty sail. a fodder lupine in pure and mixed cultures. L.N. Hakh-teenko, R. M. IAhorava. Vestal AN BSSR. Ser. hits no. 3:27-34 '86.

#### N__OATS

evelopment of root systems of out and yellow to in pure and mixed cultures. I.N.Rakh-A.IAhorava. Vestsi AN BSSR Ser bital nav.

#### N-SOIL CHEMISTRY

ses on agrochemical soil properties. B. I. Jestsi AN BSSR. Ser biial nav 40.1;31-37

ring radiation on oxidative phosphorylation a tissue mitochondria S.I Mokharava SSR.Ser.blial.nav. no 1,27-33 ¹67

#### ASIN—NORDMARKITE

assimilation of basic effusive rocks on the non process of nordmarkites V.G Lazaren-GI 13 no 2 38-57 '62

#### ASIN-RHODUSTTE

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zing radiation on exidative phosphorylation n tissue mitochond ia. S.I. Mokharava. SSR, Ser. biiel nav. no 1:27-33 167.

eristics of submicroscopic structure of mito-d their relation to other cell structures, an. Arkh anrt , gist i embr. 51 no. 10:31-39

#### VE-DISEASES

eterization with graduated physical load in on of the state of pulmonary circulation in osis. V. G. Stranin, IU. S. Petrosian, S. O. d. khir 9 no 125-29 Ja-7 '67.

## NE-SURGERY

on prosthesis of the mitral valve in the umatic decleacents. G. M. Solov'ev and others. 9 no 1:3-7 Ja-F '67.

of mitral commissurotomy. I. V. Shilan. 29 no. 11:47-52 N '66.

issui otomy and simultaneous cesarean cute pulmonary edema in the eighth month y. V.N.Krasnomovets and others. Grud. 1:107-108 Ja-F ¹67.

onn y blood flow before and following mit al ctomy. V.A Ovchinnikov. Grud khir 9 Ja-F 167.

approach to acrtic and mitral valves; study A. M. Bagirov. A. S. Antipovich. 9 no.1:21-25 Ja-F ¹67.

teristics of management of patients with osis and late observations following commis-A. I. Terent^teva. Trudy LPMI 37:155-158 ¹65.

## KII, IORII ALEKSEEVICII, 1917 -

evich Mitropol'skil, on his 50th birthday, hur, 19 no.1.3-8 '67

ns of Mai Miturich. C. Gankina. Iskusstvo 30-35 166.

## HINERY

asphalt concrete plant with a D-225-type mixer. kov. Avt. dor. 24 no. 11:8-9 N 61.

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Types of concrete mixers and mottat mixers planned for 1960-1965. Strof 4 dor, mash. 6 no 12:27-29 D 461

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#### MODULAR COORDINATION (ARCHITECTURE)

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## MODULATION (ELECTRONICS)

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## MOSSBAUER EFFECT

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Interpretation of isomeric shifts of \(\gamma\)-radiation from SnIIO Aul97 impurity nuclei in metallic solid solu-N. N. Delingin. Fiz. tver .tcla 8 no 11:3426-

Use of Mossbauer's method in studying state of from in AgCl single crystals. A. N. Marin and others. Fiz. tver.tela 8 no 11:3291-3291 N '66.

#### MOGILEV -- AUTOMOBILE INDUSTRY -- MANAGEMENT

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#### MOGILEV—TEXTILE FIBERS, SYNTHETIC

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#### MOGILEV PROVINCE-LEPTOSPINOSES

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## MO LASSES

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Role of water in the formation of mulasses. N. P. Silina.

Sakh, prom. 41 no. 1:15-18 Ja 167. Study of molassas obtained by enzymatic hydrolysis of starch, T. A. Sokolovskaia, M. M. Istonina, G. V. Galkina, Khich i koad, prem. 11 no.1:26-29 Ja 167.

#### MOLASSES AS FRED

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## MO LDAVIA-AGRIC ULTURAL WAGES

Main trends in the further improvement of the organiza-tion of labor and wages on the collective and state farms of the Moldavian S.S.R. V. S. Penomail, Izv. AN Mold. SSR no. 3:46-53 165.

## MO LDAVIA —AGRICULTURE

Basic problems of the specialization of agricultural production in the Moldavian S S. R. I. V. Shirshov, Izv. AN Mold. SSR no. 3:23-29 165

## MO LDAVIA -- BIB LIGGRAPHY

[Chronicle of the publications of the Moldavian S.S.R.] Let, pech, Mold, SSR no. 3 J1-S '65, publ. 1986.

## MOLDAVIA—BIRD LICE

Mallophaga from birds of Moldavian S. S. R. R. Shumilo, I. Beket, Paraz, zhiv, i rast, no. 2:143-151 '66.

#### MO LDAVIA—BUILDING MATERIALS INDUSTRY— FINANCE

Some problems of the efficiency of capital investments in the building materials industry of the Moldavian S. S. R. V. B. Bortnikov. Izv. AN Mold. SSR no. 3.75-80 165.

## MOLDAVIA-CHIGGERS (MITTES)

Fanna and ecology of chilggers in Moldavia (Acariformes: Trombiculidae). V. N. Bobrovavii, N. I. Kudriashova, Paraz, shiv, i rast no. 2:162-167 '56.

#### MOLDAVIA-ECONOMIC CONDITIONS

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## MOLDAVIA-ELK, FOSSIL

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#### MO LDAVIA-FARM MANAGEMENT

Main trends in the further improvement of the organiza-tion of labor and wages on the collective and state farms of the Moldavian S R V.S Ponomai Izv. AN Mold SR no. 3:15-53 '65

### MO LDAVIA—FARMS—VALUATION

Economic valuation of some agricultural land in Moldavia, N P Dodonov. Izv. AN Mold. SSR no. 3,30-44 165,

Fauna of flees (Aphaniptera: Suctoria) in Moldavia. O. F. Amireiko, V. A. Sinel'shchikov, R. P. Shumilo. Paraz. zhiv, i rast. no, 2:170-176 '66,

#### MOLDAVIA-FOOD INDUSTRY

Main problems and trends in the specialization and the future development of the food industry of the Moldavian S S R D.S. Ton 12v. AN Mold SSR no 3 54-64 105.

#### MOLDAVIA-FREIGHT AND FREIGHTAGE

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## MOLDAVIA-GAS, NATURAL-GEOLOGY

Gas potential of Sarmatian sediments of Moldavian S.S.R. P.V. Polev. Izv. AN Mold SSR no.8;41-44 *65.

More about age of formation of sandstones underlying Junusuic sediments of Moldavia V, Kh Kaptsan, E. I. Safarov, Izv AN Mold.SSR no 8,66-70 465

#### MOLDAVIA-GEO LOGY-CONGRESSES

Wor'r of Section of Geology and Paleontology of Anniversary Session of Academy of Scionces of Molitavian S. S. R.; leader of section, K. N. Negadaev-Nikonov. 12v. AN Mold. SSR no. 3;79-81 195.

## MOLDAVIA-GEOLOGY, STRATIGRAPHIC

Controversial questions on the stratigraphy of Riphean sediments in Moldavia. P. D. Bukatchuk. Geol zhur JI no 2 Hi-H3 '61.

New dat i on Middle Miocene sediments in central part of Moldavia and adjacent regions of Ukraine. V. Kh. Rushka, E.Z. Mitsul. Izv. AN Mold.SSR no 8:34-40

Now observations on conditions governing occurrence of Balta series in central part of Moldavian S. S. R. A. A. Arapov. Izv. AN Mold SSR no. 8;73-78 '65.

Permian stratigraphy of Moldavia. V. Kh. Kaptsan. C. I. Safarov. Izv. AN Mold. SSR no. 8:71-72 '65.

Practice in division of Sarmatian continental sediments in central part of Moldavian S. S. R. A. N. Khubka. Izv. AN Mold. SSR no. 8,32-56 '65.

Stratigraphy of Upper Cretaceons sedments in northeast-ern part of Moldavian S. S. R. B. V. Burdenko, G. A. IAnovskala, Izv. AN Mold. SSR no. 8,57-58 165.

## MOLDAVIA-INDUSTRIES

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## MO LDAVIA---MITES

Gamasid mites of Moldavia. F. Andreiko, V. A. Sinel'shchikov, R. P. Shumilo, Paraz, zhiv, i rast, no. 2:177-185 '66,

## MOLDAVIA---NEMATODA

First summary of studies on parasites of bats in Moldavia, nematodes. O. F. Andreiko, V. G. Skyortsov. Paraz, zhiv. i rast. no. 2:111-119 '66.

beet 1 th

## MOLDAVIA-NEMATODE DISEASES OF PLANTS

Gall nematode on some farms of Moldarian S S. R. and its injuriou ne 22. P.J Lestero., S. P Dement'es 2, Pil 12. Zhi li 15t no 2 205-208 '66

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#### MO LOAVIA---PALEONTO LOGY

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#### MOLDAVIA-PARASITES-BATS

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## MOLDAYIA -- PARASITES -- BIRDS

Helminths of synanthropic birds of central Moldavia, R. P. Shumilo Paraz, zbiv, i rast no 2:120-138 '66, Mallophaga from birds of Moldavian S. 5. R. R. Shumilo, I Baket. Paraz, zhiv. i rast. no. 2/143-151 166.

Parasitic insects from synanthropic birds of Moldavian S. S. R. R. P. Shumilo Paraz zhiv, i rast. no. 2:139-142 '66.

#### MOLDAVIA-PARASITES-FELIDAE

Materials on parasites of Mustelidae and Felidae in Moldavia, O, F, Andreiko, L. M Pinchut, Paraz, zhiv, rrast no 2:101-110 '66,

#### MOLDAVIA-PARASITES-FISHES

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## MOLDAVIA—PARASITES—HAMSTERS

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#### MOLDAVIA—PARASITES—MUSTE LIDAE

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#### MOLDAVIA-PARASTICLOGY

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#### MOLDAVIA-PETRO LEUM REFINING

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### MOLDAVIA-PUBLIC PROSECUTORS

This soldier is still on duty. N. Gol'denberg. Sots. zakon no. 2 48-19 F '67.

## MOLDAVIA-REVOLUTION, 1917-1921

Mints, I.I., and IA, S. Grosul, eds. [The revolutionary movement in 1917 and the establishment of Soviet power in Moldavia]. Revolutisionnoe dvizhenie v 1917 godu i ustanovienie Soviets/of vlasti v Moldaviii. Kishinev, Kartia Moldoveniaske, 1964. 620 p.

(C. P. Wall) (CaBVaU)

#### MOLDAVIA-ROOT CROPS-DISEASES AND PESTS

Some phytonematode species discovered on root crops of Mohlavian S S.R. P.I. Nesterov. Paraz, zhiv, i rast. no. 2:198-204 '66.

## MOLDAVIA-ROUNDWORM

Roundworms of fishes in bodies of water of Moldavian S. S. R. N. M. Esinenko-Marits. Paraz, zhiv. i rast. no. 2:152-161 '66.

### MOLDAVIA-SANDSTONE

More about age of formation of sandstones underlying Jurassic sediments of Moldavia. V. Kh Kaptsan, C. I. Safarov. Izv. AN Mold. SSR no. 8,56-70 '65.

## MOLDAVIA-SOILS-CLASSIFICATION

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## MOLDAVIA—SUNFLOWER SEED

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#### MO LDAVIA .-- TICKS

Occurrence of Argas persious (Ixodoidea: Argasidae) in Moldavian S.S.R. V.A. Sinel'shchikov. Paraz, zhlv.i rast. no. 2:168-169 '66.

Seasonal changes in Ixodes ricinus L. population of Moldavia, I.G. Uspenskaia, IU.N. Konovalov, Paraz. zhiv. 1 rast, no. 2:187-195 '66,

#### MOLDAVIA - TRANSPORTATION

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## MOLDAVIA-VOCATIONAL EDUCATION

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Castings for testing engineering properties of magnesium earl from in founding parts in sand molds. A. A. Sumarin and others. Tekn. rorg profess. no. 6:52-53 N-D '66.

Cooling of castings in sand molds. M D Mikhailov Inzh, -fiz zhui - B no 6 777-739 D 106

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#### MOLDS (BOTANY)

Economic aspects of the substitution of malt by enzymes of tingus cultures in the distilling industry M I Nochubeeva, F A Raitsyn, V. L Mrovenko, Ferm, 1 spirt, prom. 31 no., 122-26 '67

Protection of containers from molds in transporting museum objects. D.S. Kuritsyna, Vest, Mosk, un Set, 6; Biol., pochy. 21 no 5:85-90 S-O '66.

## MOLECULAR DISTILLATION ace Distillation, Molecular

#### MOLECULAR DYNAMICS

Refined calculation of H₂ molecule with Weinbaum function. M. N. Adamov. V. P. Hulychev. Teoret. I eksper. Phim. 2 no.5:685-687 S-O ¹66.

#### MOLECULAR ORBITALS

Calculation by the MO (LCKO) method of chemical and physical properties of a pyrone M. I. Perel'son and others. Teoret, i eksper kliim 2 no 5:575-582 S-O '66.

Calculation of energy levels of some aminoniti coleting by Pople method A. P. Terpugova Teoret. i eksper. khim. 2 no.5:604-608 S-O '66

Calculation of ethang molecule in two-center approximation. V. P. Bulychev Teoret. i chaper blim 500-603 S-O 166.

Reactions of hydrogen atoms in the system  $\rm H_2O+H_2SO_4+FeSO_4$ . Part 4; Reactions with aromatic compounds. N. M. Bazhin and others. Kin i kat. 7 no.6;999-1006

#### MO LECULAR ROTATION

Calculation of the energy of stabilization with crystalline field in rate earth halides taking into account spinorbital interaction. K.B. Altsimirskii N. A. Kostromina. Teoret. i eksper. khim. 2' no. 5;583-588 S-O '86.

Centrifugal distortion constants of  $XY_2$  type nonlinear symmetrical molecules. IU.S. Makushkin. Izv.vys. ucheb.zav., fiz. 9 no.6:70-73 '66.

Molecular rotation in polymers. O. N. Trapeznikova, Part 3, L. B. Lider, Vest, LGU 21 no. 22:47-55 '66.

#### MOLECULAR SPECTRA

Luminescence damping in various parts of luminescence spectra of molecules in viscous solutions. N.G. Bakhshiev, IU. T. Mazurenko, I.V. Piterskala. Opt. i spektr. 21 no.5:550-554 N '66.

## MOLECULAR STRUCTURE

Change of the supramolecular structure of cellulose during sulfite and sulfate cooking. E.D. Per minov. V.I. Sharkov. Bum. prom. no. 1:3-5 Ja '67.

Determining structual parameters of pepsinogen molecule. A, A, Vazina. B, K, Lemazhikhin. Biofizika il no.5; 779-784 '66.

Man characteristics of molecular organization of isolated genetic detorminants of small intestinal bacteriophage group. B. N. Il'lashenko and others. Genetika no. Il: 100-118 | '96.

Optical properties and molecular structure of nucleic acids and their components. Report No. 4: Infras ed apectra and moleculas structure of uracil and its desivatives. B. I. Sukhorukov, V. TS. Aikazian, IU. A. Ershov. Biofizika 11 no.5;753-761 |66

Study of the structure and dynamics of liquids by means of nuclear relaration. V. I. Chizhik. Probl. sovr. khim, koord, soed. no. 1:248-291 '66.

Synthesis of polyesters and polyesteramides having space-network molecular structure, K. A. Andrianov, N. I. TSomaia, L. M. Khananashvili. Izv. AN SSSR, Ser. khim. no. 1 158-161 Ja 167.

Temnikova, T.1. [Modern theory of the structure of erganic compounds] Soviementata teorifa structure of ercheskith socionali, [Leningalof Ed-vo Lening r. univ., 1966, 23 p. (Khimiia v varald, no. 3)

## MOLECULAR WEIGHTS

Effect of aldehyde on the molecular weight distribution in SKMS-ZORP rubber. N D Venerickita, V V II [1]. kovi, Z. G Zemskova | Kauch 1 217, 25 no 12,13 14

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## MOLECULES—OSCILLATIONS

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## MO LTC ULES—VIBRATION

New method of calculating molecular viorations. Determination of potential energy matrix in the mechanical problem on vibrations of polyatomic molecular. C. S. Koptev, V. M. Talevakii. Vest. Moskeum see 22 Klair 21 no 6 3-7 N-1) 66.

Parlin'ski, K [Dynamics of torsional vibrations of molecular groups in the crystal lattice] Dinamika torstomyth kolebanit molecular nykh grupp v kristallich akoj 10464-Dubiwa, 1967. 26 p

## molière, jean baptiste poquelin, 1622-1073

Glikman, I.D. [Mollère; a critical and biographical skelch] Moller; kritiko-biograficheskil ocherk. Molkyk. Khudozh. lit-14, 1966. 276 p.

#### MOLLA-NEPFS see Nepes, Molla

# MOLLAKARA (TURKMENISTAN)-BATHS, MOOR AND

MUD
Changes in the protein spectrum of the blood serum during the halocological reaction of patients with classed brucellosis in Mollakara Health Resort. D.A. Ameroc, Trudy Iark, man h. shod, mst. klim., but, the man b. lech 8 26-31 165,

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Quantilative characteristics of action potentials of the some of the glant neurons in the modusk Promotion corneus during apontanco e thythmic discharge 1 f. Mahura Fiziol, zhur [Ukr.] 12 no 6 765 775 N.D.

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The bureau of the district party committee. A. krav-chenko, Part, zhizn' no. 2:30-41 Ja '67.

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#### MOLYDDENITE

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#### MOLYBDENUM COMPOUNDS—SPECTRA

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#### MOLYDDENUM IN THE BODY

Iffect of high molybdomum content in diet on content of this microelement in organs and disauses of rubbits and some components of our bodydrate and lipid metabolism. V. M. Kholad. Vestal AN BYSR. So. bital nov. no 1; 85-89 '67

Molyhdemum in blood of the newborn, and in venous and tett oplucental blood of a mother. I. K. fin skain. Vestsi AN BSSR, Ser bild nov no. 3,91-91 '66

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#### MONGO LIA-AGRICULTURE

Achtevement and the new targets of the agriculture of the Prophe's Republic of Mongolia. V. Titkov. Pkon. sell-khoz. 42 no. 1:108-114 '67.

## MONGO LIA-COMMERCE-RUSSIA

In the atmosphere of complete mutual understanding, Vicesh, torg = 48, no. 11, 42, *66,

## MONGO LIA-GEO LOGY

Marinov, N.A., ed. [Materials on the geology of the Mon-golian People's Republic] Materialy po geologii Mongol'-skot Narodnoi Respubliki. Moskva, Nedra, 1966–285 p

come problems of the stratigraphy of Mesozole sediments and tectonics of the southeastern margin of the Aldan Shield and the adjoining part of the Mongolian - Okhotsk folded 1 egion. V.I. Gol'denberg. Biul, MOIP, Old. gool, 30 no. 5:142-143 S-O '6i.

MONGO LIA-RELATIONS (GENERAL) WITH RUSSIA

tion of the building of socialism in the Mongolia during the comple-tion of the building of socialism in the Mongolian People's Republic, K. L. Malakshanov, Trudy lik, inst, ma, khoz. no. 1-201-221 (66.

MONCO LIA, INNER—MANUSCRIPTS, CHINESE

"Research on the Hang bamboo tables found in Chiyang" by Ch'en Kung-jau, Hau Pilng-faug, Abstract from "K'ao ku" no. i 1960 by V.A. Rubin. Sovr. kit, lit. po obslichesty naukam no. 12:72-78 *61

## MONILIA

Monilia scald of apple eliminated, D. Rykov, Zasheh, rast, 12 no. 1:43 '67.

The law of monopoly high profit. M. Sorokopad. Nauch. dokl.vys.shkoly; ekon.nauki 4 no. 1471-83 [61.

## MONOSACCHAPIDES

Monosaccharides and amino acids in tobacco stems during ensiling. V, A, Arutiunian, E Kh. Azarian, Biol. zhu Arm. 19 no. 12:31-38 D [60].

## MONSOONS

When the monsoon retreats, L. Shaposhnikova, Az. i Afr. seg. 10 no.1:13-17 Ja '67.

## MONTE CARLO METHOD

Grigor'ov, L. G. [Simulation and the technical sciences]
Modellrovanic i tokinicheskie naukt. Moskva, Znanie,
1967. 62 p. (Novoe v zhizni, nauke, tekhnike. IV Seriia, Tekhnika, no. 1)

Use of the Monte Carlo Method for rationalizing the measurement of expenditures in machinery manufacturing, M I Munts, Elron I mat, metod 3 no 1.77-82  $_{\rm Ja-P}$   $^{\rm 167}$ 

Use of the Monte Caulo method in computing Ritz's and Galeckin's coefficients. I A Bochek Zhur, vych mat i mat fiz. 7 no. I 172-177 Ja-1 167

#### MONTMORILIONITE

Nature of interaction of water with montmorillonite surface. Part I Study of their mal dehydration of cation-substituted montmoralionite by means of infrared spectroscopy 1U l. Tarascvich, F. D Oucharenko khim, zhur 32 no. 11 1168-1178 166

Physicochemical mechanics of congulation structures of the system bentone - organic medium. F.D.Ow hat enko, N.V. Vdovenko, N.N. Kniglitskii Dobl AN SSSR 171 no. 6 1316-1379 D '66.

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#### MOON-EXPIORATION

Lunar halo? Light spots on lunar panorama, V D Davy-dov Priroda no 176-79 Ja 167,

### MOON-MAPS

150 more names on the reverse side of the moon. Zh. F. Rodionova, K. B. Shingureva. Priroda no 1:73-75 Ja 167.

#### MOON PROBES see Lana probes

#### MODAINES

Genetic division of basic moraine for purposes of engineering geology M.M. Maksimov Izv vys ucheb, zav., geol. 11azv. 10 no 1102-101 Ja '67

#### MORAL EDUCATION

Are the familiar words understood? I. Lomonosov. Nat. obt no 2:47-50 F '67. Brief news. Vech. sied. shkola 9 no. 3:93-95 My-Je

Moral training in the process of education. I. P. Lev-chenko, Vech, and, shkola 2 no. 5,31-36 S-O '66.

Our Masha, L. Panteleev, Scm'ia i shkola 21 no. 7:24-25 Ji '66

Strict kindness. A. Monastyrenko. Nat. obr no. 2:48-19 F '67.

Work and the moral education of the rising generation. L. I. Novikova, Sov. pedag. 31 no. 1-104-121 Ja '67.

#### MORDOVIA-STATISTICS

[National economy of the Mordvin A.S.S.R., a statistical abstract] Nanodnoe khozialstvo Mordovskoi ASSR; sta-tisticheskii shonnik. Saransk, Stat.upr.Mondovskoi ASSR, 1965. 106 p.

MORDVIN FOLK LITERATURE see Folk literature, Mordvin

#### MORDVINIAN A.S.S.R. see Mord.via

MORDVINIAN SCULPTORS see Sculptors, Mordvinian

#### MORGAN, THOMAS HUNT, 1886-1945

Thomas that Morgan, founder of the theory of gene, on 100th analysersary of his birth M. D. Lobashev, Genetica no.11:3-8 '66.

## MOROZOV, GEORGII FEDOROVICH, 1867-1920

Classic of Russian forestry, 1, M, Boldyrev, Vest, selt-khoz, nauki [Kazakh, | 10 no, 1:119-120 Ja *67.

## MORPHINE

inhalation of penicillin aerosols combined with the action of certain expectorants and dionine in an experiment. P.S. Korenkov. Zhur. ush., nos i geil, bol 10 no. 6 44-46 N-D 159

#### MORPHINE-TOXICOLOGY

Hypopiasia of the hypophyseal-adrenal system in newborn animals as the cause of low resistance to morphine.

I. V. Markova Problemdok, i gorm 8 no. 6 3-8 N-D

## MORPHOLOGY (ANIMALS)

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#### MORTAR

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#### MOSCOW-CONSTRUCTION INDUSTRY

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[This week at the Exhibition of the Achievements of the National Economy of the U.S.S.R.] Na etol ned VDNKii no, 51 D '61.

To our readers! Inform blu!, VDNKH no 12 Ja 167, Tractors and agricultural machinety at the Dyhlbition of the Achievements of the National Economy of the U.S.S. R. in 1959 N.I. Svidetskii. Trakt i selikhozmash. 30 no. 3.48-3 of cover. Mr. 180

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## MOSCOW-FARM PRODUCE-MARKETING

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#### MOSCOW-INDUSTRIAL BUILDINGS-DESIGN AND CON-STRUCTION

Ways of improving architecture of industrial buildings, N Kim Stroi i arkhit, Mosk 15 no, 12 4-7 D '66,

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Carrying out the accumulation plans and the control of the bank V Sheveley. Nauch.dokl.vys.shkoly; ekon.naukl 4 no.1,122-127 '61

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## MOSCOW-MACHINERY INDUSTRY

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#### MOSCOW-MERCANTILE BUILDINGS

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## MOSCOW-MILITARY EDUCATION

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#### MOSCOW-MILITARY MUSEUMS

TSentral'nyi Muzei Vooruzhennykh Sil SSSR. [A guide to the Central Museum of Armed Forces of the U.S. S. R. Putovoditol'. Moskva, Voenizdat, 1995. 210 p. illus. (MH)

#### MOSCOW-MONUMENTS

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#### MOSCOW--PERFUMES

[One-hundredth anniversary of the "Novala Zarla"  $\mathbf{F}_{t,\mathbf{r}_{-}}$ one-nuncream anniversary of the "Novata zorth" Fer-fume Factory] Sto let parflumernoi fabrike "Novata zaria," Moskva, Pishchevala promyshl., 1905. 50 p.

# MOSCOW-PETROCHEMICAL INDUSTRY-FINANCE

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## MOSCOW---POLITICS AND GOVERNMENT

[Bulletin of the Moscow Fxecutive Committee] [Hul, Ispol. kom. Mosk, gor. sov. nos. 2-3 Jn-1 '67,

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# MOSCOW-RETAIL TRADE-MANAGEMENT

MOSCOW—HETAIL THADE—MANAGEMENT KANOVSKII, E.M. [Extraordinary trip of an ordinary rustomer] Neobyknovennoe puteshestvio obyknovenio pokupatelia. [Moskva] Mosk.rabochii, 1968. 70 p. (V pomoshchi agliatoru i propagandistu)

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## MOSCOW-EUDWAYS

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Moskovskii leatr satiry. [A theater which laughs, ridicules and educates Teatr, kotoryl smeetsia, izdevactnia i ulveryhdaet. [Moskva, Iskusstvo, 1966] 1 v. (chiefly illus.)

MOSCOW-TOOL AND DIE INDUSTRY-MANAGEMENT Walk practice under the new conditions. A. Ivanov, M. Ilbakova, R. Goldma, Planckhoz no. 2,23-31 F 167,

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An unconquerable detachment, Mot, komm. no. 10:28

We held out, we conquered. Aleksandr Andreev. Oktiobil 11 no. 12:156-157 D 466.

## MOSCOW BASIN-CLAY

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## MOSCOW HASIN-COAL MINES AND MINING-COSTS

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### MOSCOW DASIN-COAL MINES AND MINING-FIRES AND FIRE PREVENTION

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#### MOSCOW HASIN-COAL MINES AND MINING-MANAGE-MENT

Efficiency of using new machinery in coal mines of V. G. Popov, Shor, nauch, trud, PNIUI Moscow Basin, по. 10:5-13 '66.

#### MOSCOW BASIN-COAL MINES AND MINING-MECHANIZATION

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#### MOSCOW BASIN-COAL MINING MACHINERY

Stresses upon supports in front of working faces during the operation of ¹Tula" equipment complexes. L.S Krashkin Shor, nauch trud, PNIUI no 19 122-127 66.

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#### MOSCOW BASIN-COAL MINING MACHINERY-RE-LIABILITY

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Increasing the efficiency of stoping complexes in Moscow Basin. A.A. Portnov. B. V. Lizunov, K. N. Belikov, Shor, nauch, trud. PNIUI no. 10:14-27 '66.

## MOSCOW PROVINCE-BOOKSELLERS AND BOOKSELL-

Plans of booksellers of the Moscow region. It Vishniakov. Knizh torg. 18 n o 1:6-7 Ja  $^{1}\!67$ 

#### MOSCOW PROVINCE-BOOKSTORES

We must give our attention and love to books, I, Kurenkov, Knizh, torg, 17 no, 11;22-23 N '86.

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## MOSCOW PROVINCE-CALCITE

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## MOSCOW PROVINCE—CITY PLANNING

Economic service in the Planning and Designing Institute. I. Perfilov. L. Osiatinskii. Ekon stroi. 9 no.141-15 Ja 167.

## MOSCOW PROVINCE-CONCRETE PLANTS

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# MOSCOW PROVINCE—LIQUEFIED PETROLEUM GAS Supplying liquefied gas to Moscow Province, A. i. Gordiu-khin, Gaz. prom. 11 no. 12:25-27 '66.

## MOSCOW PROVINCE—PHYTOGEOGRAPHY

System of fodder evaluation and productivity of natural meadows and pastures in phytogeographic and geographic exploration. B. IA, Canyshov Biul, MOIP. Old geol. 36 no 3-159 My-Je '61.

## MOSCOW PROVINCE—PORCELAIN

Use properties of porcelain articles of a single firing. N. Alekseev, L. Shchoglov. Sov.torg. 40 no. 2:37-38 F ¹⁶⁷.

#### MOSCOW PROVINCE—ROAD CONSTRUCTION

lvan Poletaev, the road expert | I Gavrilov. Avt dor 24 no ii 6-7 N '61.

#### MOSCOW PROVINCE-SOIL CONSERVATION

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#### MOSKVA RIVER-FLOATING CRANES

Light-duty grab buckets for the unloading of river sand, A Bodrov Rech transp, 20 no.719 JI 61

## MOSKVA RIVER-POLLUTION

Industrial use and protection of the Mostva River from pollution Vod 1 san tech., no. 11:39-40 N '66

(see also subdivision under Erivan; Novorossiysk, Turkmenistan)

Experience in mass breeding of Aedes aegypti L V.V. Vladimirova Med.paraz.i paraz bol 35 no 6.719-723 N-D 166

#### MOSSES

#### (see also subdivision under Pamirs)

Determining the mass of moss cover in the biogeocenosis of mixed hardwood and spruce forests in connection with their parcellar structure I. M. Uspenskaia Bot 2 hux 51 no 12:1796-1798 D 66.

#### MOTHER AND CHILD

I am glad to be a mother, P. Dorzdová. Sem'ia i shkola 21 no 76-8 Jl '66

#### мотня

Moths and pyralids as pests of farm supplies A Zagu-liaev Zashch, rast. 12 no. 1.35-36 167

#### MOTION—MEASUREMENT

Determining spatial motion of a solid body by measuring the acceleration of its points by means of inertia pickups. V. G. Aver lanova. F. M. Dimenther g Mashinovedenic no. 1,18-26 Ja-T '57

#### MOTION-PICTURE CAMERAS

[Movie projectors, movie cameras; a catalog and reference book Kinoproektory, kinoapparaty; katalog-spra-vocluik Kiev, Reklama, 1966 34 p

#### MOTION-PICTURE PLAYS

"Sergeant Fetisov," F. Malygin Sov. voin 43 no 24.30

#### MOTION-PICTURE PROJECTORS

[Movie projectors, movie cameras; a catalog and reference book | Kinoproektory, kincappraty; katalog-spravochnik Kiev, Reklama, 1966 34 p.

MOTION -PICTURE THEATERS--DESIGN AND CON-STRUCTION see subdivision under Leningrad

# MOTION-PICTURE THEATERS-HEATING AND VENTILA-

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## MOTION PICTURES

(see also subdivision under White Russia) [Comedians of the world screen] Komiki mirovogo ekrana, Moskva, Iskusstvo, 1966. 285 p. itlus. What is cinema drama. A. Obrazisava Nov. mir 38

Zharov, M. I. [Life, theater, motion pictures; reminis-cences] Zhizn', teatr, kino; vospominantia. [Moskva, Eskussivo, 1987] 379 p.

## MOTION PICTURES, DOCUMENTARY

"Here there will be a city. . . " R.A. Somina Stroi. i arkhit. Lon. 28 no. 5 36 My 168.

The logic of time is the logic of art. G. Khalturu. Mol. komm. no. 10-114-121 '86. Medvedov, B.L. [Witness for the prosecution] Svidetel' Obvinenila. Moskva, Iskusstvo, 1986. 167 p.

## MOTION PICTURES, TALKING

Barbanel', S.R. [Magnette phonogram of a motion-pic-ture [Ilm] Magnitinals (onogramma kinofil'ma, Moskva, Iskusstvo, 1968, 191 p. (Biblioteka kinomekhanika)

## MOTION PICTURES IN CIVIL DEFENSE

Contribution of motion-picture workers. A. Filippov. Voen, znan 43 no. 1 15-16 Ja 167,

#### MOTION PICTURES IN EDUCATION

Motion profumes in history classical, -V. G. Shoveleva. Vech sred, shi ola 9 no 3,71-73 My-Jc 166,

#### MOTION PICTURES IN POWER ENGINEERING

Scientific motion picture photography in poret engineering B V Kubeev Energirelek no 6 53-63 14-D tub

#### MOTION PICTURES IN PROPAGANDA

An interesting exhibition. Part zhizh no 164 F 167

#### MOTION STUDY

Improving the labor process in the employee's "orking area. A. Paylenkor V. Levitan. Sots trud 12 no.168-73 Ja '67.

#### MOTIVATION (PSYCHOLOGY)

People and their motives S [ovlev Voen vest. 4] no.6 51-63 Je 461

#### MOTOR FUELS

Compressibility of motor fuels, I.V. Astakhov. Energo-mashinostroenie 6 no. 9:8-11 S '60,

Production of tractor motor oils from a large oil fraction of Surakhany selective crude using the dewaring method with carbamide. A M. Kuliev and others. Shor trud, Az NIL NP no 3 144-153 '58

Recommendations for using fuels and lubricants in motor vehicles. M. Borisov, O. Manusadzhiants Avt. transp. 45 no. 1.31-34 Ja 167,

#### MOTOR SHIPS

Sectional cargo motor ship. S.Shur. Rech transp -20 no 7,27-31 Jl  $^{7}\!61.$ 

#### MOTOR SHIPS—TRANSMISSION DEVICES

Performance of the chain transmission of the distributing shoft of the MAH/K6Z57/80C engine. IU.5 Barshal. Informashor TSNIIMI no 163 Tekh eksplamor flota no.4543-21 '66

#### MOTOR VEHICLE DRIVERS.

Reaction of drivers in overtaking. IU Siinikov, V. Ivanov. Avt. transp 45 no. 1:51-53 Ja 167.

Training specialists Avt, transp. 45 no. 148-50 Ja 167.

#### MOTOR VEHICLES

Competition is an effective means for saving fuel and lubricants. N. Andreev, V Kanin Avt. transp. 45 no. 1:57 Ja 107.

no. 157 Ja 107.

Gintsourg, B. Id. [Tractors and motor vehicles; manual for students of correspondence departments and sections, specializing in "Mechanization of agricultural production: Section Theory and design of tractors, automotive chassis and motor vehicles. Topics Forces acting on tractors and motor vehicles. Topics Forces acting on tractors and motor vehicles. Taktory taviomobili, uchebnoe posoble dila studentov zaochnykh skul'tetov i otdelenii po spetsial'nosti "Mekhanizatsiia sel'skokhoziatsivennogo protavodista" Razdel Teoriia i raschet traktorov, samokhodnykh shassi i avtomobilel. Ed.2., perer. Moskva, Vses.s.-kh in-t zaochnogo obrazovaniia, 1966 79 p.

[MICROFILM]

## [MICROFILM]

Problem of making self-propelled machines for roadless conditions, K. Karpukhin, T.kh., v sellkhoz. 26 no. 12 76-78 D 166.

## MOTOR VEHICLES—AXLES

Investigating the loading of motor-vehicle axle beams on electric analogs V B Bulanov and others Avt prom. 33 no.1.25-28 Ja t67.

#### MOTOR VEHICLES ... BRAKES

Work of friction forces in brake mechanisms of motor vehicles and its reproduction at stand tests IU, I Kosterin, I.I Vasil'ev, IU.V. Marulin Avt. prom. 33 no. 121-24 Ja 107.

## MOTOR VEHICLES-COLD WEATHER OPERATION

Conference on vehicles used in northern regions, Avt. transp. 45 no. 1:58-58 Ja 167.

### MOTOR VEHICLES-DYNAMICS

Plotting diagrams of speed and motion time of motor vehicles on a road V N Degtiarenko Avt, prom 32 no. 12-21-23 D *86,

## MOTOR VEHICLES-ENGINES

Effect of the temperature of outlet valves on the efficiency indices of a motor vehicle engine A V. Kostrov, B. M. Kuniavskii Avt prom 33 no. 1:

Expediency of using cast iron for block heads of motor vehicle engines, A.V.Kostrov. Avt.prom 32 no.12 39-41 D 486.

Speed variation of the crankshaft of the IAMZ-236 engine at a steady motion of the motor vehicle. E. I. Blazhennov, V. M. Malyshev Avt. prom. 33 no. 1:16-17 Ja '67.

#### MOTOR VEHICLES-FUEL CONSUMPTION

Generalized evaluation of the effect of drive system on the fuel consumption of a motor vehicle. V.A Petrushov Avt.prom. 32 no.12 23-27 D 166.

Instrument for determining fuel efficiency of a driving car. L. Nemirov. Avt. transp. 45 no. 1 60 Ja 187.

#### MOTOR VEHICLES-FUEL SYSTEMS

Causes for the formation of vanor locks in the fuel systems of motor vehicles \( \) Gin eev, \( \) Panfilov \( \) Avt transp \( 40 \) no \( 6.21-27 \) Je \( \) 162

#### MOTOR VEHICLES-LUBRICATION

Recommendations for using fuels and lubricants in motor vehicles M Botikov, O Manusad/hiants Avt transp 45 no l 31-31 Ja 467

#### MOTOR VEHICLES-MAINTENANCE AND REPAIR (see also subdivision under White Russia)

Abramov, G.A., and A.I Kosilov [Maintenance system for fractors, motor vehicles and agricultural machinery] Sistema tekhnicheskogo obsluzhivanija traktorov, aytomobilei i sel'skokhoziaistvennykh mashin nezh, TSentral'no-Chernozemnoe knizhnoe izd-vo, 1965 22 p. (Peredovol opyt v sel'skom khozialutye) [MICROFILM]

Equipment for holsting front avics 1. Kruchinm Avi tiansp 40 no 6 51 Jc 162

Increase labor productivity in motor-vehicle repair shops 1 Dergachev Avt transp. 40 no 6 31-31 Je 162,

Means for the reduction of the cost of motor-vehicle overhauling. M. Kripitser. Avt. transp. 40 no 6.5 36 Je 162

Press for straightening the case of the rear axie. E, Barinkov, Avt, transp 45 no. 1 38-39 Ja 167,

Reconditioning heads of reaction rods, R Poletary. Avt. transp. 15 no. 142 Ja 167

Reconditioning of parts is an important potentiality in the motor vehicle industry. A. Semenov, Avt, transp. 45 no. 1 40-11 Ja *67.

Reconditioning the lower head of a connecting rod.
V. Aver' ianov. Avt. transp. 15 no. 1:37-38 Ja 161.

Using the OP-7 emulatfier for washing parts, S. Afonin, A Rusina, Ayt, transp 10 no 6 19-50 Je '62

Warming engines by infrared rays A. Fainberg Na stroi Ros 5 no 3:49 Mr *61

### MOTOR VEHICLES—RELIABILITY

Conference on the reliability and durability of motor vehicles. V.N Dvoietskii Avi prom 33 no l: 48 Ja 167

Evaluating operating reliability of a motor vehicle. E.S. Kuznetsov. Avt. prom. 33 no. 1 19-21 Ja *87

#### MOTOR VEHICLES-STEERING GEAR

Kinematics of the steeting trapezium of a motor vehicle. R.R.Dvali, N.I. Aleksishvili Sock, AN Chuz. SSR 14 no.3:693-698 D '66.

MOTOR VEHICLES-TECHNOLOGICAL INNOVATIONS Exchange of experience, Avt. transp. 45 no. 1:53-56 Ja 167.

## MOTOR VEHICLES-TESTING

Organizing reliability and durability tests of motor vehicles in experimental-industrial automotive transporta-tion units. E.A. Indikt, E.I Krivenko, V.A. Chernialkin Avt. prom. 32 no 12 11-16 D '66

#### MOTOR VEHICLES-THERMODYNAMICS

Thermal regimes of operation of building machinery motors, A P. Smolin, Mekh, streit, 23 no, 12 15-16 D 166.

#### MOTOR VEHICLES-TIRES

Effect of damping properties of a tire on vibration parameters of a motor vehicle IU.B. Belen'kil and others Avt prom 32 no 12 16-18 D '60.

## MOTOR VEHICLES-TRANSMISSION DEVICES

Investigating a discrete mechanical variator. N.V. Gulia. Mashinovedenie no 1:27-32 Ja-F '67.

MOTORBUS LINES see subdivision under Simferopol

MOTORBUS LINES-TIMETABLES see subdivision under

## MOTORBUSES-BODIES

Stressed state of the body of the PAZ motorbus, S.1. Zibaumikov, V.A. Koltunov, Avt prom 33 no 1:2 25 Ja 167.

## MOTORBUSES-ELECTRIC EQUIPMENT

Improvements in the design of the contact circuit of olectric streetcars and buses, M.G.Tiegubenko, V.F. Arkhipov, V.A.Antonov Gor klioz Mosk 35 no.12 22-24 D [6],

#### MOTORBUSES--EQUIPMENT AND SUPPLIES

Universal itinetary indicator. S. Tamarov, V. Sharamok, Avt. transp. 45 no. 1:28 Ja 167.

# MOTORBUSES-MAINTENANCE AND REPAIR

Device for fastening glasses and edging in motorbuses, M. Konovalov. Avt. transp. 40 no. 8;49 Je 162

MOTORCYCLE INDUSTRY-MANAGEMENT see subdivision under Minsk

MOTORTRUCK TERMINALS see subdivision under

#### MOTORTRUCKS

(see also subdivision under Germany, West)

Leiderman, S.R. [Operation of motor trucks, technical and economic fundamentals] Ekspiuatatsiia gruzovykh avtomobilei, tekhniko-ekonomicheskle osnovy Transport, 1966 150 p

Operating the ZIL-MMZ-595 motor trucks. V. Volostures. Avt. transp 15 no. 1.29-30 Ja 167.

#### MOTORTRUCKS-ELECTRIC EQUIPMENT

Determining defects in the electric equipment of tractor and motortrucks. V. Leventi, Tekh, v. sellkhov. 26 and motortrucks, V no. 12:73-75 D 166

#### MOTORTRUCKS-ENGINES

Attachment for dismantling and assembling the Pi) 10 engine. K Lomidze, Tekh, v selldroz, 26 no 12 engine, K 83 D '66,

Control of the termination of the cold running in of engines N. Drago. Tekh, v. scPkhov. 27 no. 134 fol.

Some changes in the design of the ZIL-130 engine, IA, Shenderovich, Avt transp. 45 no. 1945-15 Jul 167,

MOTORTRUCKS-MAINTENANCE AND REPAIR SEE Sulldivision under Kirov Province

#### MOTORTRUCKS-SHOCK ADSORBERS

Effect of hydraulic shock absorbers on the evenuess of the T-80 logging motortruck A. M. Zhigalov. Lev.v, s ucheb zav (les zhav 9 no 6:78-86 186.

#### MOTORTRUCKS-TIRES

Some data on the testing of type"R" tires for tracks an der different conditions of use V F.I variatov and others. Kauch rice, 25 no.143-47 '87.

## MOTORTRUCKS-VIBRATION

Amplitude and frequency characteristics of the vertical vibration of logging truck trains. B. C. Gastev, 71. [. Biblink, Lessburn I der prom no 3:113-120 '64

Characteristics of the free vibrations of a variable - rtal dity suspension of logging trucks. I. G. Zaiser kes ny i. Les bum i der prom. no 3:153-161 (66.

#### MOUNTAIN WAVE

Current state of experimental studies of mountain Lee waves and some recommendations for their dispersible and prognosis. P. A. Vorontsov — Frudy (GO no. 14) + 24 - 96.

#### MOUNTAINEERING

[Conquered peaks; a collection of Soviet alphasm] Fobezidennye vershiny, sbornik sovetskogo di'pinizma 1961-1964. Moskva, Mysl', 1966. 420 p.

Granit'shchikov, W. V., S.G. Veitsman, and V. P. Shinra-novskii [Mountaineering] Gornyl turizm Moskva, Fizkul'tura i sport, 1906 110 p

#### MOUNTAINS

Effect of the variability of the Coriolis force on changes in the geopotential field in the presence of monatain; Z. V. Khvedelidze Soob, AN Graz, SSR 27 no. 2 143-150 Ag 161,

#### MOUTH-DEEASES

Lichen ruber planus in the oral cavity and on the rel margin of the lips, D. I. Abramova, Sov. med 30 no. 1:141-145 Ja 167

State of nucous oral cavity in children residing in fort of endemic fluorosta, A, A, Akhmudov, Azzab, mud zhur, 41 no. 12:8-15 D '66.

#### MOVEMENT (PHYSIO LOGY)

Correlations in movement adjustment and its effect on technique of some nerobatic jumps. K. F. Shoik Teor. 1 prak. fiz. kul't. 20 no 12:32-35 11 '66.

Organization of locomotive synengy. M. L. Shik. G. U. Orlovskii, F. V. Soverin. Biofizika 11 no. 5,879-386 %6.

## MOVEMENT DISORDERS

Changes in the neuromotor apparatus in patients with temporary disorders of recebral blood chrodation, I. M. Zakharova, Trudy Tuck, nauch, simb, first kilon, kur, I fiz, metod, Icch, 8,73-83 105.

## MOVING OF BUILDINGS, BRIDGES, ETC.

Moving derricks on special transportation blocks, 12.25 m. sov. Neftianik 11 no. 8 26-28 Ag 166.

#### MUCOUS MEMBRANE

Distribution of phospholipides in mucous membrane of small intestine in laboratory unimals and man - 7 M Gadzhieva. Arkh. anat., gist. i embr. 51 no. 10 58 €2 O 166.

Histochemical study of polysaccharides in mucous membrane of respiratory region of need cavity and polyge, Zh. K. Popunova. Arkh. anat., giet. i embr. At no. 10,63-75 O 166

Imbedding of gastric mucosa in paraffin. G. V. Therlikev Arkh, pat. 28 no. 12-70-71 166.

#### MUGODZHAR HILLS-ZIRCON

Correlative significance of zircon. M. I. Kurovets Min. sbor. 20 no. 4:532-540 '86,

## MUMIAN (ARMENIA)—PETROLEUM—ANALYSIS

investigating Mukhan petrolrum G.G. Ashumova and others Sbor, trud Az NII NP no. 3:51-70 158

#### MUKHANOVO OIL FIELD-PETRO LEUM-STORAGE

Determination of losses of light petroleum hydrocarbons in Mukhanovo oli field during preliminary refining and storage. B. N. Kulikov Neft, khoz 45 no 1,50-61 Ja 167

#### MUKHANOVO OIL FIELD-PETROLEUM REFINING

Determination of losses of light petroleum hydrocarbons in Mikhanovo oil field during preliminary refining and storage B. N. Kulikov. Neft khoz. 45 no 1-50-61 Ja '67

## MUKIINA, YERA IGNAT'EVNA, 1889-1953

<u>Kuznelsov, E.D.</u> Vera Ignat'evna Mukhina, [Leningrad] Khadozhnik RSFSR, [1986] 54 p illus (Narodnaja bibliotechka po iskusstvu)

#### MULBERRY-VARIETIES

Natural variation, mutation in mulberry, N. A. Dzhafarov, Dokl AN Azerb SSR 22 no.9.85-89 '66.

### MULTIPLE NEURITIS see Neuritis, Multiple

MUNICIPAL BUDGETS see subdivision under Moscow

### MUNICIPAL SERVICES

(see also subdivision under Czechoslovakla; Moscow)
Defining size of settlements in relation to municipal service system A. Vladimirov. Arkhit, SSSR, no. 1
40-48 '67.

Municipal economies of Russia on upsuige. A.I Makarov, Gor Phoz. Mosk. 41 no. 1,11-15 Ja 167.

#### MUNICIPAL SERVICES-EQUIPMENT AND SUPPLIES

Latest technology should be used in municipal services, I P Makhnovskii. Gor khoz. Mosk, 11 no. 1:30-34

MUNICIPAL SERVICES—TECHNOLOGICAL INNOVATIONS see subdivision under Moscow

#### MURAL PAINTING AND DECORATION

Mesters of present-day realistic monumental art in the countries of people's democracy. V N. Loginov Prudy MVKHPU no. 2-126-141 '62

The problem of the development of topical plafond painting in Western Europe I.E. Damilova. Trudy MVKHPU no. 2:49-78 462

#### MURAMIDASE

Effect of lysozyme of chick egg on disaccharides Viach I. Maksimov. Doki AN SSSR 172 no 1,210-213 Ja 67.

## MURAV'EV-APOSTOL, SERGEI IVANOVICII, 1796-1826

Slobozhan, I. I. S. I. Muray'ey - Apostol. [Leningrad] Lenizdat, 1967. 38 p. (Uzniki Petropaylayskoi kreposti)

#### MUNDER

A court case was sent back for additional examination V.Kutcinthov. Sov. tust 30 no. 24:26-27 D 466.
What were the results of our study of murder cases?

What were the results of our study of murder cuses; G. Mud'ingin, S. Stepichev. Sov. inst, 30 no.24:10-11 D '56.

# MURMANSK PROVINCE—BLASTING—SAFETY MEASURES

A new type of protection against scattering of rock fragments during blasting operations. F. A. Avdeev. S. V. IUzhakov. Vzryv.delo no.01/81:218-223 466.

### MURMANSK PROVINCE-LEWISTIE

Titanium lewisite from Kovdor Massif and isomorphism in perovskite group. A. V. Lapin, M. E. Kazakova, Doki, AN SSSR 171 no. 4 956-959 D 166.

#### MURMANSK PROVINCE-PEGMATTTES

increasing the efficiency of geophysical prospecting for micaceous pegmatitic veins, S. IA, Liogen'kii, Razved. lokh.nedr 26 no. 0:33-37 Ag '60,

### MURMANSK PROVINCE-PEROVSKITE

Titanium lewisite from Kovdor Massif and isomorphism In perovskite group. A, V, Lapin, M. F, Kazakova, Dokl. AN SSSR 171 no. 4 950-959 D +66.

#### MURMANSK PROVINCE-PODZOL

Changes in the Podzols of Murmansk Province when used for agriculture. P. G. Aderikkin and others. Pochyove-dente no. 4:40-48 Ap 160.

## MURMANSK PROVINCE-TULAREMIA

Natural fact of tularemia in Murmansk Province, G, R, Aksenenko, Zhur, mikrobiol., epid, i immun, 44 no.1; 83-97 Ja '67,

# MUROM (VIADIMIR PROVINCE)—RAILROADS—REPAIR SHOPS

First results in the Murom railroad repair shop. V.P. Brickhova, V.V. Zhettukhin, Elek, i tepl, tlaga 10 no.11:4-6 N '66,

#### MUSC LE

Fine structure of differentiating elements of sketetal musculature in tissue culture [1] Fikhomitova, N M Shestopalora Aikh anat, gist rembi 51 no 10 22-30 O 456

Physiological characteristics of the smooth muscle R. S. Orlov Usp sove, bfol 52 no 198-111 Jl-Ag 361

#### MUSC LE -- MOTILITY

Effect of ionizing radiation of contractile function of striated innecles in frogs. K.Sh. Nadareishvili, O I, Someblade. Soob. AN Gruz. SSR 14 no. 3:741-718 D 468

#### ALISO I DO

Changes in per meability of frog muscles by neutral substances following depolarization E. A. Liber man. L. M. TSofins Biofizika il no 5:832-839 [66]

Importance of muscle development of the nosterior surface of the hip for sprinters. A. Maiskii. Shot nauch tab Azovo-Chor inst meth, sellkhoz. no 14 57-67 158

#### MUSCIES-INNERVATION

Characteristics of the electromechanical coupling of nontonic and tonic skeletal muscles in mammals | C, K, Zhukov, Fizial than | 52 no 12:1417-1454 | D | 166.

Continuous inhibition of monosynaptic refractory discharges of motoneurons of flexors and deflexors in eats with local tetanus, A. D. Ado, G. V. Burlskov, 1U. S. Sverdlov, Dokl. AN SSSR 167, no. 2, 178-481, Mr. 166,

Role of nervous system in sustaining constancy of electrolytic composition of muscle fibers, S.I. Fudell'-Ospova, I.I. Parkhotyk, Fiziol. zhur. [Ukr.] 12 no 5 736-747 N-D '65

#### MUSCLES-MOTILITY

Continuous inhibition of monosynaptic refractory discharges of motoneurous of flevors and deflexors in cats with local tetanus, A. D. Ado, C. V. Burtakov, 1U. S. Sverdiov. Doki, AN SSSR 167 no 2 478-481 Mr 166,

External effect of muscular tension V.B. Korenberg. Biofizika li no.5;931-932 [66]

#### MUSC LES—TRANSPLANTATION

Exercise therapy in transplantation of the flexor carpiradialis following lesion of the radial nerve, V.P., Zubynin, Shor nauch rab Azovo-Cher, inst mekh sellkhor no. 14:68-70 158

Study of regeneration mechanism of smooth muscle tissue by light and electron microscope under experimental conditions. I. J. Nad. Arkh. anat., gist, i embr. 51 no. 12-21-32 D 466.

## MUSC LES-WOUNDS AND INJURIES

Effect of the enode of direct intermittent current on the process of reparative regeneration in a skeletal muscle. L. P. Tiurlikova, N. I. Lassi, Blul. eksp.biol.i med 63 no.1:71-74 Ja '67.

#### MUSCULAR SENSE

Development of the theory of intrinsic muscular reflexes, more locality and for the skeletal muscles and S. 1. Chit'evis research D. G. Kvasov Fiziol, Jhur. 52 no. II 1778-1388 N 168

Methodology for graphic recording of musculcarticular sometivity I.A. Dmitriev Fiziol. zhur. 52 no.12; 1486-1487 D '66.

#### MUSIC-HISTORY AND CRITICISM

[Russian music at the turn of the 20th century; articles; reports, publications] Russkata muzyka ra i ubezhe XX veka; stati'i, soobshchentia, publikatsii. Moskva, Muzyka, 1988. 295 p.

#### MUSIC CALENDARS

[Schoolchiid's music calendar, 1967] Myzykal'nyi kalendar' shkol'nika, 1967. [Moskva, Muzyka, 1966] i v.

MUSIC FESTIVALS see subdivision under Moscow

#### MUSICAL INSTRUMENTS, ELECTRONIC

Frequency characteristics of electronic musical instruments A. Volodin Radio no. 11:26-28 N 166.

## MUSSELS see subdivision under White Sea

#### MUSTARD OILS

Fatty acid composition of the oil of various Indian mustard varieties, N.F. Bublishskais, L.V. Suprunava, Masl.-zhir, prom. 33 no.1;13-15 Ja *67

MUSTELIDAE-PARASTES see Parasites-Mustelidae

## MUTUAL ECONOMIC ASSISTANCE COUNCIL

Cooperation of socialist countries and the prosperity of the people. A. Sokolov. Mezhdunar, zhizn¹ 14 no. 2:34 40 ¹67.

Economic ties of socialist countries and the ideologists of anticommunism: V.Smalianskii. Vop.ekon. no.1; 81-90 Ja '67

Fraiernal cooperation of the Socialist countries.

W. Bollaev, V. Tandii Nov mir 38 no 10:133-143
O 102.

Working out the methodological problems of the economic copy ration of the Comecon countries A. Sakolov.

Vop.ckon no 1:99-103 Ja 67

#### MYCELIUM

Methodology of studying the mycelaim of smut fungi in sprouts of ecreats G. A. Tranov, V N Ponirovskii Trudy KHSKHI 56 26-28 '66

#### MYCETR

Therapeutic use of myoctin D-17 in experiments on animals A,1 Kastan, W I Demikhovstkyl, Farmatsev zhui. 18 no. 3 81-65 163,

#### MYCETOMA

Three cases of mycetoma of the fact, on the X-ray characteristics of osseous changes A. M. IAkovlev, A. M. Chistiakov Vest, rent. 1: 1d, 11 no. 6:83-86 N-D 166.

MYCOBACTERIUM—CULTURES AND CULTURE MEDIA light olysis of stee old estees by Mycobacteria K. A. Koshcheenko, G. K. Skrinbin Mikobiologija 35 no b 1017 1023 N - 10 166

#### MYCOBACTERIUM TUBERCULOSIS

Pifett of ultrasonic oscillations on Mycobacterium tuberculosis, V.S Zolotov. Vest, sch'hoz, nauki [Kazakh, ] 10 no 177-80 Ja '67,

MYCOLOGY see subdivision under White Russia

#### MYCOLOGY - CONGRESSES

Forum of European mycologists S. A. Simonian. Hiol zhun . Ai m 19 no 12 109-112 D 466.

#### MYCOBRHIZA

Effect of the application of mycorrhizal soil on the growth and output of Siberian larch seedlings. I. A. Fedotov Trudybor.sci'khoz inst. 15 no 3,31-37 '65.

#### MYCOSE

Changes in the morphological composition of the peripheral blood in children exposed to noentgenological epilation in fungus discases of the scalp I I Piliver, E.G. Dolgov, Med 18d 7 no.10 35-38 O 162.

Methodology for reentgenological epilation in mycoses the scalp A G. Suntsov Med rad 7 no. 10:25-27 O 162,

Present-day aspects of the clinical course and treatment of Trichophyten purpureum infection V.A. Rakhmanov, N.S. Potekaev, O. L. Ivanov, Sov med 29 no. ll ll7-122 N 168

#### MYONEURAL JUNCTION

Effect of sympathomimetic amines on the neuromuscular apparatus of the crab and crayfish M.IA. Kuntsova Fiziol. Jhur. 49 no.3 370-378 M1 163.

## MYOSINS

Choline sterase activity of myosin. M. M. Zealishvili. S. V. Dzhibladze. Soob. AN Gruz. SSR 41 no. 2 (311-316 N 166

Effect of ionizing radiation on the adenosinetriphosphatase activity of crystalline myosin, G. V. Chitorelidze, Soob, AN Gruz SSR 27 no 2 157-164 Ag '61

Relationship between entions and ATP and myosin and actomyosin monolayers. M. M. Zaalishvill. A.R. Egiazarova Biofizika II no.5:765-790 '66.

## MYOTONIA

Endocrine disorders in dystrophic myotonia, V. M. Prikhozhan, N. I. Kovalevskaia, Sov. med. 30 no. 1-147-148 Ja '67.

## NADARBAZEVI, LAKE (GEORGIA)—ZOOPLANKTON

Study of zeoplankton in Lake Nadarbazevi. L. E. Kutubkize Soob. AN Gruz. SSR 44 no. 2:461-468 N '66.

# NACORNO-KARABAKH AUTONOMOUS PROVINCE—VITICULTURE

Economic efficiency of concentrating viticulture in the Nagorno-Karabakh Autonomous Province A.M. Avetisian Dakl. i soob. VNIESKH no. 28:107-111 465.

#### NATADALES

Development of the pollen grains of Helobiae and their relation with Nymphaeaceae. N.R. Meter. Bot.zhur. 51 no 12.1736-1740 D '66.

## NAKHICHEVAN A.S.S.R .-- SALT MINES AND MINING

Characteristics of rock deformation due to underground workings at the Nakhichevan Salt Mine. Sh. N. Mamedov, B. A. Osipova Lev. AN Azerb. SSR. Ser. fiz. - mat, i tekh, nauk no. 5,97-106 162

#### NALACHEVA VALLEY—GEYSERS

The hot springs of the Nalacheva Valley. S E. Aprelkav, IU. L. Kharchenko. Vop. geog. Kameh no. 1:104-105 166.

## NALBANDIAN, MIKAEL, 1829-1866

loganisian, A.O. (The problem of nationality in the publicistic work of Mikael Nalbandian] Vopros natsionalinesti v publitsistike Mikaela Nalbandiana. Erevan, Armianskoe gos. izd-vo. 1955. 86 p.

#### NAL'CHIK-COMMUNIST EDICATION

Training and educating young modical students. Part, zhizn' no 2 64 Ja '67.

# NALICHIK-HEALTH RESORTS, WATERING PLACES,

Tundamental principles of comprehensive treatment of patients at the Natichik Health Resort" by I N Sergiento V G, Budylin, M I, Balkarov Vop kur , fizioter.; lech fiz kultt 27 no 6 564-555 N-D '62.

#### NAICHIK-MEDICINE-STUDY AND TEACHING

Training and educating young medical students. Part, zhizh' no 2.64 Ja '67

#### NAMANGAN—CELLULOSE

The enterprise should be given a stable scientific basis, R Satimbacy, M. Finkel'shtem Nai Phoz Uzb. 3 no no 2 79-81 F 161

#### NAMES, ABKHAZIAN

History of the name" Abrakii, " G V TSulaia, Sov.etn. no.6 84-89 N-D '68

#### NAMES, GEOGRAPHICAL

(see also subdivision under Crimean Mountains; Tigil' District: Turkmenistan)

Derivational variants of names of inhabitants in Russian and Ukrainian V. O. Hoi pynych Lebsyl ol. ta lebsykogi, no 2:33-41 '66

#### NAN SHAN REGION-PHYTOGEOGRAPHY

Phytogeographical observations in the deserts of the Normal Cor. Ido: and northern border of the Nans Cor. Ido: and northern border of the Nan Shan Mountain E. M. Lavrenko. Bot. zhut. 51 no 12,1812-1815 D 66

#### NAPHTHACENE-SPECTRA

Absorption and luminescence of impurities in crystals of organic compounds at 200 K. Pail 3. Naphthacene spectra in crystals of certain prin-polyphenyls. A.V Soloviov Ukr.fiz zhu: 4 no. 5 035-628 '59.

#### NAPHTHALENE

Allylation of naphthalene. a-methylnaphthalene. teiralin. acenaphthene, biphenyl, and fluorene by allyl alcohol in the presence of acid catalysts. D. A. Guseinov and others. Dokl AN Acerb SSR 22 no 9:39-42 '66.

Polymerization of vinylnaphthalene compounds of tar from gas pyrolysis IU.G. Mamedaliev and others. Dokl AN Azerb SSR 18 no 317-20 '62.

Reaction of diphenyldichlorositane with 1, 4-dilhthum-1, 4-dilhtho onaphthalene, K. A. Andrianov, A. I. Nogai-dell, R. Sh. Tkeshelashvili Izv. AN SSSR, Sci. Phim. no 12-2228-2229 '66.

Selecting temperature in production of naphthaline from gets oleum stock A A, Krichko, A V Lozovol, T, A, Titova, Nefteper, i neftekhim no. 8 38-40 '66,

Study of factors affecting oxidation of industrial varieties of naphthalene to phthalic anhydride. N. D. Ruslianova and others. Nefteper, i neftekhim. no. 10:31-33 168.

Synthesis of sulfamide derivatives of 2-phenylnaphthalene N.R. Loladze, R. M. Lagidze, Soob, AN Gruz, SSR 44 no.3:570-584 D 168.

#### NAPHTHENIC ACIDS

Catalytic esterification of naphthenic acids by dimethyl ether. N. S. Kozlov, V Sh Pasternak. L. M. Starkova, Uch, 2ap, Perm, pud. inst. 32:69-71 165.

Effect of concentration of equimolar mixture of potassium and manganese naphthenates on exidation process of concentrates of naphthenic hydrocarbons. O.S. Kachmar. A. N. Hodan, V. T. Skliar. Neft. i gaz. prom. no 5:38-40 S-O '66.

Fffect of naphthenic acids on some metabolism aspects

Fifect of naphthenic acids on some metabolism aspects and yield of fine-fibre cotton cultivated under different conditions of fertilization. T. B. Bazanova, K. M. Akopova 12v AN Turk. SSR Ser biol. nauk no. 5,63-58 166.
Liffect of resins, naphthenic acids, and water on the electical properties of the system sodium soap - transformer oil [with summary in English]. Ch. M. Dzhuvarly, L., A. Mukharskata, Koll, zhur. 23 no. 3,272-275
My-Je. 181

Physicochemical characteristics of naphthenic acids from Perm oils, N.S Kozlov, L. IU. Pinegina, L. M. Starkova, Uch zap. Perm. ped. inst. 32 62-88 165.

#### NAPHTHOIC ACID-PHYSIOLOGICAL EFFECT

Effect of saits (Na₂, Mg, NH₄ and Ba) of  $\beta$ -hydroxynaph-thote acid onglucose consumption in Ascarls suum Gozze, 1782. M. Lazdina, I. A. Pushkarev. Med. paraz. f paraz.bol. 35 no 6;732-733 N-D '66.

## NAPHTHYLAMINE

Ordidation of a-naphthylamine with oxygen catalyzed by copper stearate, L.N.Denisova, E.T.Denisov, Izv. AN SSSR, Ser, khim. no. 12:2220-2223 '60,

NARVA (ESTONIA)-WOMEN IN THE TEXTILE INDUSTRY

Textite industry is a woman's branch ... Vik. Polynin-Sov. profesiuzy 23 no.1:14-15 Ja *167.

## NARYM VALLEY-NATIVE RACES

Organization and work of the tribal councils of the aborigenes of the Narym Valley, 1920-1930. N.T. Onishchuk, Trudy TGU 158:176-186 '65,

NATIONAL EMBLEMS see Emblems, National

#### NATIONAL SONGS

Baskakov, D.G. [Biographies of emblems, flags, and anthems of for eign countries] Biografii gerbov, flagov, ginnov zarubezhnykh stran Moskva, Politizdat, 1967.

NATION'LISM see subdivision under Turkey

#### NATIONALISM AND SOCIALISM

On the rapprochement of nations, T. Karymshakov, Iv. AN Kir. SSR no. 2.75-81 S-O '66,

#### NATIONALITIES

(see also subdivision under Africa; Soviet Central Asia)

Dakhshielger, G.T. [The October Revolution and the op-pressed peoples of presevolutionary Russia] Oktiabriska ia revoliuisila i ugnetennye narody tsanskol Rossil Moskva, Znanie, 1967 47 p. (Novoe v zbizni, nauke,

tekhnike, I Set ila Istoriia, no 2)
The friendship of peoples is our strength. P. Masherov.
Aguator 34 no.28-14 Ja 167

Some problems in the theory of nationalities V I Koz-tov. Vop 1st 42 no.1'88-99 Ja 167.

#### NATROLITE

Comparative characteristics of some zeolotes based on infiated spectroscopy data and the form of molecular band in natiolite water G.V. IUkhnevich and others. Gearhimiia no 10 849-854 161

NATURAL GAS see Gas, Natural

NATURAL HISTORY MUSEUMS see subdivision under Kiev

## NATURAL RESOURCES

Is there a limit to the growth of population? Mankind and i the resources of the earth V.V. Pokshishevskii Ptroda no. i II-23 Ja 167.

There are resources everywhere. V.M. Akimov, A.M. Troianskii Pat' i put khoz. 10 no. 9:10 '66.

NATURAL RESOURCES-CONGRESSES see subdivision under Komi A.S S.R.

#### NATURE STUDY

I give my heart to children, V. A. Sukhomlinskii. Nach, shkola 35 no.18-17 Ja '67

The use of current material during lessons in nature study L E Maksimova Nach, shkola 35 no. 2,34-37 F '67

#### NATITICAL ASTRONOMY

Krasavisev, B.I. [Instruments and methods of nautical astronomy | Instrumenty | metody morekhodnol astronomi | Moskva, transport, 1960 | 88 p | (Bibliotechka sudovoditella morskogo flota)

#### NAUTICAL CHARTS

Underwater dangers of navigation – L. Moslennikov. Morflot 27 no.1:41-12 Ja  $^{1}\theta$ 7.

Use of the "Pal'ma" map comparing device. E Filatov. Mor flot 27 no.1:23-24 Ja '67

#### NAVAL ART AND SCIENCE

[Naval forces in a future war, a collection of translated articles] VMIS v budushchel volne, sbornik perovodnykh statel. Predisl. A.T. Chabanenko. Moskva, Voen. izdvo M-va oborony SSSR, 1964. 301 p. (CaOTII)

## NAVAL LAW

[Handbook of international military and naval law] Voenno-morskoi mezhdunaroduo-pravovoi spravochnik. [By] P.D. Barabolia i dr. Moskva, Voenizdat, 1966. 500 p

NAVIGATION see subdivision under Issykkul

# NAVIGATION (AERONAUTICS)

Visual detection of pinpoint targets. G. Molokanov, Av. i kosm. no. 2:33-36 F 167,

#### NEAR EAST-DESCRIPTION AND TRAVE L

A trip to Yemen, Kuwait, and Jordan, I., V. Stroeva. Palest. sbor. no. 15:228-238 466.

## NEAR EAST-FOREIGN RELATIONS-GREAT BRITAIN

Akademila nauk SSSR. Institut narodov Azii. [England's policy in the Near and Middle East, 1945-1905] Politika Anglii na Bitzhnem i Srodnem Vostoke (1945-1965). Moskva, Nauka, 1966 430 p.

## NEAR EAST—HISTORY

The atabaks. R. A. Gusseinov. Paicet. abor. no. 15:181-

The Third All-Union Conference on the History, Culture, and Philology of the Ancient East, N. E. Semper. Vest, drev. ist, no. 4-225-230 '68,

## NEAR EAST-LAND TENURE

The lands of kings and poleis in the Syria of the Hellenis-tic and Roman periods. I.Sh.Shifman. Palest.sbor. no.15;91-106 466

#### NECK-INNERVATION

Changes in the action potentials of the curvical sympaths nanges in the action potential sympath, its rangiton of guinea pigs in ontogeny. M. A. Elshina Bini cksp. biol i med. 63 no 1;7-10 Ja '67

Myelinization of preganglionic fibers of cervical symptthetic trunks in rabbits in postnatal ontogeny A. t. Kadantseva. Biul eksp.biol i med. 63 no. 1:01-26 Ja 167.

#### NECTAR (BOTANY)

Pertilizers and nectar productivity of buckwheat K Filippov Zemledelic 29 no.1 74 Ja '67.

#### NECTARIES

More about a possible biological function of meetanics C. N. Gerasimova - Navashina Bet. zhur 51 no 12/1748 -1750 D '66

NEFEDOV, STEPAN DMITRIEVICH, 1876-1059

A sare talent, V. I. Bosisov, Sov askh, no. 5 105 166,

## NEFTYANYYE KAMNI—PETROLEUM AS FUEL

Production of diesel oil from Neftianye Kamni critica ha a direct deasphalting of fuel oils. A. M. Kulley and others. Shor, trud. Az NII NP no. 3 171-180 460

#### NEFTYANYYE KAMNI OIL FIELD-PETROLLUM PRODUCTION

Pier furrows the Caspian Sea, V. Bogomolov, Nefflants II no. 8-7 Ag 468.

## NEGREEV, V.F. 1903-

V.F. Negreev's attentific, pedagogical, and child activities. Trudy Inst. khim. AN Azerb, SSR 2015-9.

#### NEGROES-CIVIL RIGHTS

Baldwin, James. [Nobody knows my name. Translate.]
from English] Nikhto ne znate molio imeni, Kylv,
Molod', 1965. 50 p. (Ochyma svidkiv),

NEKRASOV, NIKOLAI ALEKSEEVICII, 1821-187/

Chukovskii, K.I. [Collected works in six volumes] Sobra-nie sochinenii v shesti tomakh. Moskva, Khudovb, iit-

Vol. 4. [Nekrasov's arlistry] Masteratve Nekrasova, 1966, 764 p.

#### NELEGER VALLEY-CONGLOMERATE

Conglomerates of fine publies on the boundary of the Jachekurovka in the middle of the Neleger River M M -- xkhov Inform, blul NIIGA no 15 13-17

#### NEMATODA

(see also subdivision under Maritime Territory; Moldavia)

Brain claphostrongylusis in deer raised for anters. E.I. Priadko, V. 105-108 Ja 67. Vest, sel'khoz, nauki [Kazaki, ] 10 + 11

A new anthelmintic for controlling goode ambiguitantel. M. V. Katkov. Vest. sel'khoz naukt It no. 12:81-36 D 105.

Skriabin, K. I., A. A. Soboley, and V. M. Ivashkin. Poircildae of animals and man and discusses caused by thore Tidae of animais and man and discusses raused by welling Spiruraty zhivotnykh i cholovoku i vyzyvacemye lmi zi-bolevaniia. Moskva, Nauka,
Pt. 3. [Acuariidae] Akuariokici. 1965. 572 p. (Akadomiia nauk SSSR. Gel'mintologichoskala fabora-

torila, Osnovy nematodologli, vol. 14)

## NEMATODA—EXTERMINATION

Root knot nematodes in the Kara-Kalpak A. S. S R. Z. Narbaev. Zashch, rast, 12 no. 1:57 167,

#### NEMATODE DISEASES OF PLANTS (see subdivision under Mokkavia; Tajikistan)

Aphelencholdes besucyi Christle, 1942 (Nematotia, Alia-lencholdida) and its control. L.V. Tikhonova. 74-1. zhur. 45 no.12:1759-1766 '66.

Effect of Ditylenchus destructor Thorne on catholydrate and niti ogen content in potato-tubers. 5, P. Saftlenov. M. G. Beliaeva. Zool. zhur. 46 no. 12:1876-1877 64.

Effect of regeneration processes in pointe on its infectibility by stem nematode. I. V. Bumbu. S Miuge. Paraz, zhiv, i rast. no. 2:200-210 *66. 8. G.

Sources of the infection of plants by namatodes.
A. Ustinov, V. Zinoviev. Zashch, rast. 12 no. 1.
27-28 107.

## NEODYMIUM SALITS

Thermal decomposition of neodyntium dicarboxylates.
B.S. Azikov, V. V. Serebrennikov. Trudy TGU 165 72 78 '65

## NEON-DECAY

Use of optical pumping for studying the decay of need levels. I. M. Beterov, V. P. Chebotaev. Opt. 1 spektr. 21 no. 5:654-656 N 166.

#### NEO PRENE

Use of the compound of SKD rubber with neoprems in the production of technical rubber goods. F. B. Kuldungs I. B. and others. Kauch. i rez. 25 no. 12:11-13 *50.

#### NEPAL-HYDROELECTRIC POWER

Determination of waterpower resources in Nepal. Shrestikha Khari Man, Shor rab po gldrol no 6 132-138 166

#### NEPES, Molla

Molia- Nepes on tragical and comical subjects, I.I., Soscabla, Izv. AN Turk, SSR Ser obshehesty nauk no. 5,21-31 '56.

NEPHELINE SYENTTE see subdivision under Lovozero Tundras

#### MEDIELITE

Nepheline coment is a fireproof, highly active binding material, P I Berbenov, V I Kavalerova Stroi mat 7 ma 11:9-12 N (6).

#### NEPRIAKHIN, GAVRILL GEORGIEVICH, 1896-

Professor Clayriil Georgievich Neprinkhin. Arkh. pat 28 no 12 73 166.

#### NERPICH'YE LAKE REGION (KAMCHATKA)-GEOLOGY

Structure of the depression of Lake Stolbovoye and Lake Neighborye, V. A. Selivergtov, M. IU. Khotin, M. N. Shaphio, Vop. geog. Kameh. no. 1 107-109 466

#### MERVES

Giant Mauthuer's neurons D A Sakharov, Usp. soyr. biol, 52 no. 1 112-124 JI-Ag 161

linguise distribution in nerve fiber. A.S. Kompaneets. V. To. Gurovich Biofizika II no. 5.913-916 466

Study of Impulse activity of new one by methods of accidental processes theory. A. B. Kogan, IU. I. Polunin. C. G. Choraian. Hoffelka II no. 5:887-393 [66.

Use of gaining dispersion for describing spontaneous activity of nerve cells 1). Natusovicius, V. Maginskis activity of nerve cells 11. Natural Bioficika 11 no 5:924-926 '86.

#### NERVES, PERIPHERAL

theetrie activity of the hippocompus during peripheral 5thmulations A, A, Ungindze, 1 iziol. zhui 52 no. 12; 1420-1427 D '66.

Treatment of lesions of the peripheral nervous system in brik ellosis with vaccine and alcohol-novocaine injec-tions D Kh, Frieva, Shor, nauch, tru!, SOGMI no 10-113-110 (61.

## NERVES, RADIAL-WOUNDS AND INJURIES

Exercise therapy in transplantation of the flexor carpi radialis following lesion of the radial nerve, V. P. Zuhynin, Shor, nauch, rab, Azovo-Cher inst, mekh, selfkluiz, no. 14 68-79 158.

### NERVES, SPINAL

Characteristics of the hispotentials of the anterior spins! riolis in postischemic spasileity, V.P. Lebedey Fiziol, zhui 10 no 3:322-329 Mi ¹⁶³

Fifect of bromide on apinal postsynaptic inhibition. G. A. Bartanian, N. M. IAkovley. Zh. G. Aleksandi ova. Fiziol. 7hui . 52 no.12;1428-1433 D '66.

Fifect of chronic pain stimulations on spinal reflexes G 1, Dantlov Fiziol zhut 52 no, IP1356-1358 N 166,

Napid and show changes in the potentials of afferent Bhers of the dorsal root and spinal cord, T. M. Mamonets', Fiziol Thue, [Ukr.] 12 no. 6 726-737 N-D '66

Synaptic mechaniums of vestibulospinal effects on armotoneur one. A. I. Shapovalov, G. G. Kurchavyi, M. P. Strogonova Fiziolazhu 52 no.12;140i-1409 D 66.

### NERVES, SPINAL-INFLAMMATION

licalment of himbogaeral indiculties with mineral indon

training of aumoperarm i adjoutitle with mineral radon baths. I. F. Kalitkovskii. Vop kur., fizioer.i lech. fiz. kull. 31 no.5621-523 '66 Ultra round treatment of humbovaeral radiculitis. V. IA. Vissova, A. G. Mamedov, A. F. Fevraleva, Trudy Turk, aauch, -issal, inst. klim., kur. i fiz. motod, tech. 3 32-31 '65.

## NERVES, SPINAL-WOUNDS AND INJURIES

Conduction of excitation through the spinal raflex are toliowing injury and regeneration of fibers of the posterior roots. C. N. Arnautova, T. N. Nesmeisnova, Itzlot. 7 hur. 52 no. 12 (1434-1440 D '66.

### MERVOUS SYSTEM

Adrenatine and dionin test in young children, E.F., Chamokova Shor nauch trud, SOGMI no. 10 106-112 '61.

Aftereffect of motor reactions as an indicator of the individual characteristics and the functional state of the higher nervous activity in man, N.I. Budisk, Zhur, vys. nerv. defat 12 m. 6 1020-1033 N-D 162.

Characteristics of shock origin and course in dogs with different types of higher nervous activity. V. I. Popov. G. A. Riazbkin, G. A. Katesva Biol. shur. Arm 10 no.12:65-69 D '66.

[Dynamics of neuron networks, reports] Dinamika neiron-nykh setci; sbornik dokladov. Vilnius, 1986. 92 p.

Effect of intestinal lavages on the functional state of the central acrones system, G.V. Sukharev Vop. kur., fizioter, Elech, fiz. kul¹t. 27 no. 6-521-524 N-D 162,

Electrophysiological analysis of afferent junctions of ileocecal region of intestines with central nervous system IE. R Dziadziulia. Vestsi AN BSSR Ser, busi nav. no. 4 87-92 466,

Rumination center and its functional relations in cattle P M. Kuz'min Fiziol zhur 49 no 3 346-352 Mi

The use and development of the principle of causation in  $\Lambda$  A. Ukhtomakil's studies on the activity of the nervous system IU. A. Savin Vest Mosk un. Ser 8 Filos 21 no 6:39-49 N-D 166

#### NERVOUS SYSTEM-CANCER

Materials on blastomogenic effect of lonizing radiation on tissue structures of central nervous system. Dimant and others. Arkh.anat. gist. 1 cmb1. 51 no 12:61-70 D '66.

#### NERVOUS SYSTEM-DISEASES

(see also subdivision under Azerbaijan; Germany)

Diseases of the cardiovascular and nervous systems and metabolic diseases; papers by doctors and con-sultants of therapeutic and prophylactic institutions of the Administrative Office of the Academy of Sciences of the U.S.S.R. Zabolevanila sci dechno-sosudistoi, neivnoi sistem i bolezni obmena veshchestv, rabety viachei i konsul'tantov lechebno-profilakticheskikh uchi ezhdenti upravlenita delami AN SSSR. Moskva, Nauka, 1966, 298 p. (DNLM)

(LIMIM)
Differtiveness of treating diseases of the peripheral nervous system with mineral water from well 1-g of the Figura Pass V. A. Krivonogova, L. N. Kaparova, Trudy Tuk, nauch, -issl, Inst. klim., kur. i fiz, metod, lech. 8 20-25 '65.

#### NERVOUS SYSTEM-FISHES

Relationship between number of receptors and the size of different parts of fish brain. N.V Bodrova, Trudy Inst, biol, vnutr, vod. no.10 272-277 *66.

#### NERVOUS SYSTEM-WORMS

Ribonuclease effect on nervous activity in Planaria A. N. Cherkashin, L. M. Sheiman, Dokt. AN SSSR 171 no 4 986-998 D •66

NERVOUS SYSTEM, AUTONOMIC
Changes in the state of the vegetative nervous system in healthy persons following a single application of orocer ite on the stomach. IU M, Volobuev. Trudy Turk, nauch—issl, inst, Flim, , kur, i fiz, metod, lech, 6:54-59 '65.
Changes in the vegetative nervous system in hypotension syndrome in Turk menistan M. A. Lysenko, A. S. Saryer Trudy Turk, nauch—issl mst, Klim., kur, i fiz, netod loch 0:63-72 '05.

Fiffect of aminazine and serpasii on the vegetative nervous system in schizophrenies R F. Kokanbaevs, Trudy Gos, nauch, -issi, inst.psikh 26 i37-146 '61,

Effect of the Dzhango mountain climate on vegetative there is the Danaige moment estimate of vegetarize changes in the organism according to data of elec-trother momenty and electric resistance of the skin L. B. Kreinina Sbor, trud. Azerb nauch, -last inst kur I fir, metod lech no. 6:210-213 '62

Mental and vegetative metabolic disorders in brucellosis, Z. A. Kopili-Levina. Trudy Gos. nauch. -issl. inst psikh 26,252-258 161,

Vegetative disturbances in infectious diseases with mental disorders. M. A. Goldenberg. Trudy Gos. nauch, - issi, inst, psikh. 25:168-174 161.

### NERVOUS SYSTEM, AUTONOMIC-DISEASES

Dynamics of oxidative processes and vegetative disorders, in alcoholic defirium. TS, P. Korolenko, Trudy Gosnauch, -issi, inst. psikh. 26:325-320 'Si.

State of the vegetative nervous system in infectious polyaithritis under the influence of Chakhuryurd sulfui baths L.B. Kreinina, Sbor, tiud Azerb, naucn. -issl. inst. kui, i fiz. metod, lech. no. 6 185-190 '62

## NERVOUS SYSTEM, EFFECT OF RADIATION ON

Characteristics of the formation and functioning of temnursecuristics of the formation and functioning of the porally connections in early postnatal entogenesis in pupples firediated on the 20th day of embryogenesis. M.G. Alrapetiants Trudy Inst, vys. nerv. deiat Serpatofiziol. 10,27-37 162.

Characteristics of the formation and functioning of temcharacteristics of the formation and matteristics of the porary connections in early postnatal entogeny in pup-ples irradiated on the 45th day of embryogenesis, M.G. Airapetiants, Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 10:11-26 62.

Comparative morphological study of changes in the brain of rats irradiated with doses of 50, 150 and 200 r on the 12th day of their embryonic development M. M. Aleksandrovskaia. Trudy Inst. vys nerv. delat. Ser patofiziol. 10 125-137 192.

10 120-137 '62. Conditioned reflex activity in adult white rats exposed to the action of ionizing radiation during the organogenet-ic stage. M.B. Gol'dberg. Trudy Inst. vys nerv. deiat. Ser. patofiziol. 10 58-70 '62.

Disorder of the activity of the higher portions of the central nervous system in animals exposed to X-ray doses of 25 r during the fatal period of their antenatal development. I. A. Kolomeitseva. Trudy inst. vys nerv. delat Ser. patofiziol. 10:71-81 62.

Higher nervous activity in middle-aged rats exposed once to ionizing radiation during the fetal period of their antenatal development IA Piontkovskii, 1 A. Kolomeitsera Trudy Inst. vvs nerv derat Ser patofiziol 10 82-80 162

Higher nervous activity of secually mature rate of middle age exposed to repeated ionizing irradiation during the period of their antenatal development I.A. Plontkovskii, V N Semagin Trudy Inst. vys nerv desat Ser patofiziol 10 90-101 (62

Histopathological changes in the brain of rats irradiated with X rays in the early postnated period N I, Artu-khina Tiudy Inst vys nerv deiat Ser patoliziol 10 145-157 (82

Mobility of nervous processes in dogs of different ages irradiated antenatally with longing radiation M C Airapetiants Zhur vys nerv detat 12 no 6 1055-1064 N-D '62

Morphological changes in the brain of rabbits irradiated in the last stages of their antenatal development I A, Chernyshevskala Trudy Inst vys nerv delat. Ser patofiziol, 10 138-144 '62

Some characteristics of the formation and development of the functions of the higher portions of the central nervous system in rabbits exposed to ionizing triadiation during the period of their intrauterine development, R.1 Kuglibov Trudy Inst vys nerv delat Ser pato-fiziol 10 38-57 '62

Two mechanisms of functional disorders of the brain in animals irradiated during the period of embryonic development A M. Ivanitskii. Trudy inst vvs nerv detat

#### NERVOUS SYSTEM, SYMPATHETIC

Changes in the action potentials of the cervical sympathetic trunk and superior cervical sympathetic ganglion of guinea pigs in ontogeny. M. A. Clshina Biul ekspbiol i med 63 no.1;7-10 Ja '67.

Convergence in the superior sympathetic ganglion in cats V.I.Skoh, O.IA.Ivanov, R.P.Bukolova Fizithur [Urr | 12 no 6/721-727 N-D 166.

Effect of the sympathetic nervous system and adjentine on the potentials of the dorsal surface of the spinal cord M \ Bagramova Fiziol zhur 52 no II-1304-1310 N 66

Myelinization of preganglionic fibers of cervical sympa-thetic trunks in rabbits in postnatal entogeny A.G. Kadantseva. Biul.eksp biol.i med. 63 no 1:93-96

## NESHCHADYMENKO, MARKO PETROVYCH, 1889-1942

M. P. Neshchadymenko and his significance in the development of medical microbiology, on the 20th anniver-sary of his death S S Diachenko Mikrobiol zhur 24 no 5 71-75 162

### NESIN. AZIZ

Intellectuals must demonstrate courage, Aziz Nesin, Az i Afr seg 10 no.1-29-30 Ja 167.

### NETS (MATHEMATICS)

Binary matrices of formal neurons. A.S. Kuzichev Vest. Mosk, un. Ser. 1 Mat., mckh. 22 no. 1.51-55 Ja-F '67.

Gel'fond, A O. [Calculus of finite differences] Ischislenic konechnykh raznostet. Izd.3 , tspr Moskva, Nauka, 1967 375 p

Method of finite differences for Navier - Stokes equationa, A., Krzhivitskii, O. A., Ladyzhenskala, Doki, AN SSSR 167 no. 2:309-311 Mt 166.

Plane integration nets, I. V. Vilenkin. Zhur, vych, mat, i mat, Ilz 7 no, i 189-196 Ja-F 167

Solving the Tricomi problem with the general condition of joining by the method of nets. F. A. Tagiev. Lzv. AN Azerb SSR.Ser.fiz.-tekh i mat.nauk no.4:48-53 '66

## ne urasthenia

Clinical characteristics of functional disorders of the nervous system in relation to climatotherapy at Chukhuryurd, A.I Gashimova, Shor trud Azeth nauch, -issl.inst kur.i fiz metod, lech no. 6 90-92

## NEURITIS, MULTIPLE

Study of early stages of experimental allergic polyneuritis. Pathomorphological and immunological characteristics. O. A. Karasik. V. F. Mel'nikoza Biul eksp.biol. i med. 63 no.1;37-40 Ja '67.

## NEUROLOGY

Materiols of neurological examination of workers of Ashkhabad Meat Combine, L. M. Sultanova, R. P. Poslavskii, Trudy Turk nauch, -issl, inst, klim, /ur, i fiz motod, lech. 8:134-139 '65.

Neurological syndromes in lesions of the aorta. N.K. Bogolepov, L.G. Erokhina. Zhur. nevr i psikh. 62 no. 11 1659-1673 '62

#### NEUROPSYCHIATRY

(see also subdivision under Kemprovo Province Siberia, Western; Tomsk Province, Ural Moun'ain region)

Basic trends of the therapeutically diagnostic and socially prophylactic work of psychoneurological dispensaries T. I. Colldovskiia. Trud. Gos. nauch dissellinst, psikh.

Characteristics of the course of typhoid, paratyphoid and other diseases in neuropsychie pattents. Gos nauch siss liest patch 26 296-304 161

Lurlia, A.R., and L.S. TSvelkova [Neuropsychological analysis of problem solving disorders of the process of problem solving in local lesions of the brain] Neiropsikhologicheskii analiz resheniia z idach; naru-shenie protsessa reshenila zadach pri lokal'nykh por izhennakh mozga. Moskva, Prosveshchenie, 1986. g 239

Ucus opsychic disorders of the disintoxic function of the liver in Bothin's disease, G. 1. Shepelev Trudy Gos. nauch -issi inst. psikh 26 289-495 161

State norms for psychonemological service in the light of the legislation on mental patients I A Berger Trudy Gos nauch - 1841 inst paids 26 405-421 [6].

#### NEUROSECRETION

Rest potentials of the secretory cells of the submaxiliary and sublingual glands in cats and their "spontaneous" changes following intracellular derivation S D Koviun Fiziol, thur [Ukr.] 12 to 6.781-786 N-D 168

Alcoholism and the organization of the treatment of alcoholic diseases, based on data of psychoneurological institutions of the R. S. F. S. R. V. M. Banshchikov, I. S. Iolovich - Trudy Gos nauch, -issi, inst. psikh. 26:309-

## NEUTRINOS

Rest mass of a muon neutrino and cosmology, S.S. Gershtein, IA B Zel'dovich Pist vied, Zhur eksper, i teoret fiz 4 no.5-174-177 S 166

#### NEUTRINOS-SCATTERING

Neutrino scattering by protons and simulation of anoma-lous muon interaction V.5, Gurgenidze Soob. AN Gruz. SSR 44 no 2:285-288 N '86

#### NEUTRON BOMBARDMENT

Structual changes in quartz at  $\alpha \rightarrow \beta$  is smeltions and new tron irradiation C.V. Kolontsova. I V Telegina. Fiz tver.tela 8 no 11:3412-3414 N '66.

#### NEUTRONS

Grigor'ev, I. S., and V. M. Novikov, [Neutron diffusion in heterogeneous media] Diffuzia neitronov y geterogen-mkh sredakh 'loskva, Atomizdat, 1965, 174 a. Interaction between 14 4 Mev. neutrons and 14N. B. Antol-kovic and others. Izv AN SSSR Ser fiz. 31 ro.1110-112 Ja '67.

### NEUTRONS-SCATTERING

Cross section of slov polarized neutron scattering in unfaxial forromagnetic materials. E. V. Zarochentsev. V. A. Popov Fiz met. i metalloved. 22 no. 4:487-197 O '66.

Inciastic scattering of neutrons and protons on nuclei. O. H. Sytenko, V. F. Kharchenko, Ukr, fiz. 2hu1. 4 no. 5:589-576 S-O '59,

Neutron scattering in ferromagnetic crystals containing impurities with negative exchange linkage. IU. A. Iziumov. M. V. Medvedev. Fiz. met. i metalloved. 22 no. 6:801-809 D '65

Scattering of kilovoit neutrons by lead and the electric polarizability of a neutron. IU A Aleksandrov and others, Pist, v red. Zhun, eksper, i teoret, fiz. 4 no. 5-196-200 S 166,

#### NEVINNOMYSK STAVROPOL TERRITORY)-CHEM-ICAL PLANTS-EQUIPMENT AND SUPPLIES

Keep up strictly with the schedule of equipment repair. A. N. Lisovala. Bezop truda v prom. 11 no 1:28-29 Ja '67

### NEVRAEV, GLEB ALEKSANDROVICH, 1902-

Gleb Ateksandrovich Nevraev; on his 60th birthday. Vop. kur., fizioter, i lech fiz, kult, 27 no. 6 567-568 N-D 482

Determining the advantages of changing the assortment with the aid of nomogram, Ekon, i mat, metod, 3 no.1139-143 Ja-F '67,

## NEW STARS see Stars, New

NEW YORK (CITY)-BRIDGES, SUSPENSION

Suspension bridge across the Verrazano Narrows, E.F. Kolliar, Transp. stroi, 16 no. 3:56 Mr '66.

#### NEW YORK (CITY)-REINFORCED CONCRETE CON-STRUCTION

Large-panel reinforced concrete structural elements for production building of food industry. Prom. stroi i inch, soor. 8 no. 6;31-32 N-D 166.

#### NEW ZEALAND-SHEEPSHEARING

Godfrey Bowen's skill. Rud. Bershadskii. Zakup. 4el'khoz. prod. no. 12:49-51 D '66.

#### NEWCASTLE DISEASE VIRUS

Study of antineoplastic effect of Newcastle virus K. D. Eristavi and others Soob. AN Gruz SSR 14 no 3:765-768 D '66

#### NEWSPAPER PUBLISHING

The future of newspapers, experience and trends in the capitalist countries. Franz Knipping. Vest Mosk, un. Ser. II: Zhur. 21 no 6 54-69. N-D 166.

#### NEZHIN REGION --- CUCUMBERS

Growing encumbers in the area of the Nezhin Canning Combine L A Gerodetskaia Kons i ov prom, 22 no 1 22-24 Ja 167

#### NIACIN see Nicotinic acid

Magnetooptical measurements as source of information about electron structure of ferromagnetic nickel. L. A. Afenas'eva. G. A. Holotin, M. M. Noskov Fiz met.i metalloved 22 no.6;828-832 D '66

#### NICKEL-CORROSION

Nickel possivation in sulfaric acid solutions N. IA. Buno. Zashch met. 3 no 1;50-54 Ja-F 167.

#### NICKEL-MAGNETIC PROPERTIES

Change in shear modulus of deformed nickel in magnetic field, V.A Framuk, Dokt AN BSSR 10 no 11,866-858 N '66.

## NICKEL, EFFECT OF TEMPERATURE ON

Mechanism of high-temperature exidation of nicket V. I. Ai khai ov. S. I. Ivanovskaia. A. S. Ki Ivonosova. Fiz. met i metalloved 22 no 6:891-889 D '66

#### NICKEL-CARBON ALLOYS

T-P-C coulibrium diagram of the nickel - carbon system. E G. Pontatovskii, I. L. Aptekar¹, T. P. Ershova. Dokl AN SSSR 171 no. 4:919-972 D 106.

#### NICKELCATALYSTS

Effect of degassing conditions on passivation and magnetic properties of nickel analyst beaver. IU.G. Shirokov, I.P. Kirillov. Izv. vy 9. ucheb. zav. Phim. i khim. tekh. 9 no.5:733-743 '06.

Effect of modification on the course of hydrogenation of pseudotonone in the presence of nickel catalysts. I. Kh. Freidin, L L Gvinter, N. V Horunova Doki, AN 5881 171 no. 1883-886 D 468,

## NICKEL-CHROMIUM ALLOYS-METALLURGY

Deoxidizing capacity and activity of tilanium in nicketchromium alloys P. A. Cherkasov, V. V. Averin, A. M Samatin Izv. AN SSSR, Met. no. 1 49-55 Ja-P '67.

#### NICKEL-CHROMIUM-IRON ALLOYS-MAGNETIC PROPERTIES

Susceptibility of clinvar alloys to spin paramagnetism. B. P. Khromov, B. A. Aiurzanain Fiz. met. i metalloyed. 22 no 4:551-555 O '66.

### NICKEL-CHROMIUM-IRON ALLOYS-METALLOGRAPHY

Detecting concentration heterogeneities in K40NKhM alloy, IU, A, Skakov and others. Izv, vys, ucheb, zav.; chern met 10 no.1-120-130 '67,

### NICKEL COMPOUNDS

Compounds of  ${\rm Eu_2Ni_{17}}$  and  ${\rm EuNi_5}$  and their crystal structure. V F. Teickhova and others. Izv. AN SSSR, Met. no. 1:205-207 Ja-F 107.

Study of exidized nickel dimethylglyeximate by means of ion exchange. M. K. Boreiko, E. I. Kazantsev, I. I. Kaintehenko. Zhur. neorg. khim. 12 no.1:269-273

NICKEL-COPPER-COBALT ALLOYS see Copper-nickel-cobalt alloys

NICKEL-COPPER-ZINC ALLOYS see Copper-nickelzinc alloys

## NICKEL DIETHYLDITHIOPHOSPHATE

Photometric determination of copper in soils using nickel diethyldithiophosphate. A. I. Busev. A. A. Nemodruk. Pochyovedenie no.1;110-111 Ja '67.

NICKEL ELECTRODES see Electrodes, Nickel

### NICKEL FERRATES-MAGNETIC PROPERTIES

Dependence of saturation magnetization and electric resistance of nickel-zinc coolt ferrites with an induced rectangular hysterisis loop on phase constitution. A.D. Sokolov. M.N. Fedorova. Fiz. met.i metalloved. 22 no.4:631-632 O '66.

#### NICKEL FILMS

Chemical nickel coating of time alloys - F. V. Step into a L. I. Ganago - Znahch met - 3 no. 1:104-105 Ju-1 - 4. v.

## NICKEL INDUSTRY-COSTS

Influence of one losses and contamination on the cost of soluble nicket. V. A. Kouray, Trv. vvs. ucle b. ris gor zhur. 8. no. 9(31-11-165)

NICKEL-IRON-ALUMINUM ALLOYS see It on all telaluminum allovs

NICKEL-IRON-TITANIUM ALLOYS nee Iron-meteltitanium alloys

NICKL LORES see subdivision under Alla Valley

### NICKE L P LATING

Using a rotating-disk electrical in the polarization smalls sis of nickel plating electrolytes. S. S. Kruglikov, I.V. Semina, N. F. Kudriavtsev, Zasheh met. J. po. 1:12-5

## NICKEL PLATING-EQUIPMENT AND SUPPLIES

Pyrophosphate electrolyte for nievel plating of ship at parts, V. I. I amer., B. L. Reizin, 1., I. Derinhium Vest mushinosti., 17, no. 152-53. In 167.

## NICKEL SILICATES

Pseudomorph of nickel hydrosilicates by miller it., B. M. Tiuliupo, Trudy TGU 164:16-20 '63,

## NICKE L STEEL—METALIOGRAPHY

Change of martensile atructure in nickel atrola darking aging G. V. Kurdiumov. L. K. Mikhatlov. 1-iz. 11 et 1 metalloved. 22 no. 6:941-913 D 166.

#### NICOTINALDEHYDE

Structure and reactivity of nitrogen-containing deritables of carbonyl compounds. Report No. 16 Polisiographic study of nicotinic hydravide and some nicotinavi hadra zones, IU P Kitacy, G. K Budnikov, Izy AN 85 H S r khim, no. 1947-22 Ja 267,

#### NICOTINAMIDE-THERAPOUTIC USE

55-59 O 162,

#### NICOTINIC ACID

liffect of alcotinic acid on blood congulation, blocd hepar in content and the clearing factor in patients with atherous lenouts. I. I., Gerasimova. Kardich, 41s 3 no. 1,61-64 Jan. - F '63.

Effect of alcothaic acid on the fibrinolysic activity of the blood in atheroscierosis. M.G. Skorshovskii, Rec-diologiia I no. 1:64-68 Jan. -F 183.

Structure and reactivity of nitrogen-containing deals alters of carbonyl compounds. Report No. 16 Polyrographs and of meeting hydrazide and some intenting by his zones. IU. P. Kitaev. G. K. Budnikov. (79, AN SCHEE), khim. no. 111-22 Jul 167.

Thermal stability of rare earth electinates, R. A. the  $_1$  x khina, V. V. Serebrennikov. Trudy TGU 165 15 r-16.0

## NEGTINE ACID, EFFECT OF RADIATION ON

Stabillty of water solutions of nicotinic and ascentile notice during its adiation with parteurizing doses of gonumerizing. IV. M. Filippov, A I. Chaganov, T. I. Filippov, Kans i ov. prom. 22 no 1 16-19 Ja 167.

## NIEBUHR, REINHOLD, 1892-

Reinhold Nichuha's "Christian realism" as a manife ta-tion of the political timeserving of present-thy Am. 42 at Protestantium, IU.F. IAshinov, Pyt, atelz, no 12123 128 '95.

NIEMOLLER, MARTIN, 1802-People and events: Milko Tarabanov; Martin Niematter Nov. vrem. 25 no. 7:18, 25 F 187.

#### NIGERIA-COMMERCE-EUROPEAN ECONOMIC COM-MUNITY COUNTRIES

Nigeria, associate member of the European Propagate Community. N. Petrov. Mir. ekon. i mezhdunar, ola, no. hil7-119 '67,

## NIGHT FIGHTING (MILITARY SCIENCE)

Company tactical evereise with field firing at night. S. Savchenko, Voen, vest, 41 no. 6:67-73 Je 61

Group exercise in night tactics, N. Bol'shakov, Voravest, 41 no. 6:73-76 Je '61

### NIGHT WORK

Wages for workers of state farms and other state enter-Prises for night work. A. Mangazeev. Ekon. sel'kl. oz. 42 no. 1/43-44 167.

## NIKITEN, VASILII VASILIEVICH, 1906-

V. V. Nikitin, Member Correspondent of the Academy of Sciences of Turkmen S. S. R: on his 80th birthday S. A. Sciences of Turkmen S. S. R; on his 60th bithday S. t. Ovezmuradov, A. S. Mishchenko. Izv. AN Turk. SSH, Ser biol, nauk no. 5:00-94 166,



# NIKOLAFVA-TERESHKOVA, VALENTINA

VIADIMIROVNA, 1937Kotysh, M.T., |Daughten of the blue planet| Dechka
Isoluboi planety, Kylv, Polityydav Ukrainy, 1965,
133 p. (Heroi zorianykh tras)

#### NIKO LAYEV-LONGSKOREMEN

Achievers of great deeds H. Nesterovskii. Mor. flot 27 no. 1,10-11 Ja 67.

# MIKOPOL' REGION (UKRAINE)-GEOLOGY, STRUC-

Magnetic field and structure of the Nikopol'-Kryvoy Rog 1 cgton 11, P. Mikhailova Gool zhin 19 no, 6 41-53

#### NICHATES

I vitaction photometric determination of bismuth in niobries by means of pyrazolinedibliocarbamates. A.I. Busey, V. M. Byr Peo, R. G. Zharkova, Vest, Merk un. Ser. 2; Khim. 21 no.6,72-76. N-D '66

Applying the dialysis method in the study of the state of numbers and tentelium in solution A K Bubbo, II.I. Hiydebyna. Dop. AN URSR no 7 921-924 462.

Genetic types of deposits and occurrences of niobium and tuitalum. M. V. Kuzimenko. Frudy IMCRE no. 4 142-

#### NIDBIUM-COLD WORKING

Changes in mechanical properties of molybdenum and stablum sheet depending on degree of prestressing, Trudy LPI no. 260 28-31 465.

#### NIODIUM-METALLURGY

Reduction of niobium pentachloride by hydrogen B N Bahich, G. V. Kurganov, 10 D. Strogonov, 17v AN SSSR Mct. no. 1:226-237 Ja-F 467.

#### NIODIUM BROMIDE

1 lectron diffraction examination of niobium and tantalum pentulu antidea V. P. Spiridonov. G. V. Romanov. Vost. Moth.un. Soi. 2: Khlm. 21 no.6:109-110 N-D '66.

Methodology of determining concentration of the antiblotic niein I. P. Baranova, N. S. Egorov Antibiotiki 12 no 1 08-00 Ja 487

#### HITRATES-PHYSIOLOGICAL EFFECT

First of mitrites and nitrates on some digestive enzymes, V. I. Popov. Vop. pit. 25 no 6:29-44 N-D *66

#### NITRATION

Studying the nitration kinetics of metallic manganese. 1 B. Barntanhvill, V. M. Berezhiani Soub, AN Gruz, SSR 27 no 2:109-1/2 Ag (81,

## RITERIC ACID

Production of nitroligain at the Andizhan Hydrolysis Plant, B. M. Bohovnikov and others. Addroliz, I leackhim, prom. 15 no. 5 17-19 My 162

Then mechemiatry of binary systems. Part 3; Systems after acut - extraction agent. IU. A. Afanas ev. A.V. Nikoloev. V. R. Durasov. Hadiokhimita no. 6:702-705

### MERRIDUS

Adhenion of nitrides to steel and slag. S K Chuchmarev, O, A Lisht, V. M. Kamyshov Izv. vys. ucheb. zav.; chers. met 10 no. 116-19 '67.

### NUTRILES

Splitting of A-ether onitrite group in cyanocthoxy-substituted vinyl ethers by organomagnesium compounds. M. F. Shoviakovskii and others. Dokl. AN SSSR 171 по, 4-887-889 D 186.

## NITHILES—THERMAL PROPERTIES

Experimental investigation of the heat conductivity of nitrite chimide. F. N. Dresviannikov. Inch. -fiz chur. II no. 61761-764 D 166.

## NITRITES-PHYSIOLOGICAL EFFECT

Fifect of altrites and altrates on some digestive enzymes, V. I Popov. Vop. pit. 25 no. 6:29-33 N.D 166.

## NITRO COMPOUNDS

Condensation of o-aminophenylmercaptan with nitro ketones and altroactionitrile. Synthesis of azacyanines. A.I. Kiprianov. T.M. Verbovska. Dop AN URSR no 7:024-826 '62.

## NITROBENZENE

Catalytic interaction of nitrobenzene with cylcoherane, cyclohevene, and n-hexanes, N.S. Kozlov, N. K. Matyreva, Uch zap. Perm. ped inst. 32:11-20 165.

Catalytic interaction of nitrobenzene with hydrocarbons, N.S Kozlov, N.K. Matveeva, Dokl. AN SSSR 172 no. 3:600-002 Ja '67.

Catalytic interaction of nitrobenzene with methyl alcohol and dimethyl other. N S Kozlov, V Sh. Pasternak. Uch zap. Perm ped, inst. 32 3-9 165

Electric conductivity of the systems of natrobenzene with (at boxylic acids R. M. Kulli-ova, TF Kmazibova Trudy TGU 185 93-96 265

Influence of temperature on the correlation of solvatochromic effect and rate constitute of hydrogenation of some nitrobenzene derivatives, A V Finkel'shtem, Z M, kuz'mna Doki AN SSSR 171 no.4 915-918 D *66.

Reduction of nitrobenzene by yellow phosphorus. N S Kozlov, V A Soshin. Uch zap. Perm. pcd. inst. 3277-81 165.

Reduction of nitrobenzene substituted derivatives by yellow phosphorus, V Soshin Uch zap, Perm ped inst 31, 81-86 165

#### NITROCELLULOSE

investigation of internal stresses arraing in the formation of nitro- and acetyl cellulose films on glass supports [with summary in English]. S. A. Shreiner, P. I. Zubov, A. S. Aivan, Koll zhur. 21 no. 1331-337 My-Je. 161

#### NITHOGEN

Nitrogen natrition of the acid-producing fungus Aspergilus nigrs OF Tesenticsa Trudy VKNII no 17

NITROGEN-EFFECT ON PLANTS see Plants, Effect of nitrogen on

#### NITIKOGUN-FIXATION

Date: mining the true nitrogen fixation ability of legumes. E. P. Trepachev, A I Khaban ova. Vest sel'i hoz, nauki li no.12:105-108 D '66.

#### NTTROGEN-SPECTRA

Determining the strength of electron transition of the first positive band system of nitrogen Pail 2. A, P Dronov, N.N.Sobolev, F S, Faizullov, Opt. 1 spektr, 21 no. 5-538-545 N 166.

#### NITROGEN COMPGUNDS

Characteristics of conversion of nitrogen-containing components of wort in relation to their initial level E. A. Mantashian. Biol viam . Arm. 19 no 12:39-15 D 166

Distribution of nitrogen compounds in fractions of Buzovna oil and in oils of the Neitlanye Kamni field, G.G. Ashumov, R.Kh Mofiakhetdinova Sbor. trud. Az Nii NP no 3 45-50 15B

#### NITROGEN FERTILIZERS

Effect of nitrogen nutrition sources on growth of green alga Asteromonas gracilis Artari and its blochemical composition. E. V. IUrina. M V. Pakhomova. Vest. Mosk un Scr. 6: Biol., pochv. 21 no 5:35-38 S-0

### NITROGEN METABOLISM

Change in the aitrogen metabolism of carrots infected with Phoma Rosti upit and its relation to immunity.

1. M. Khandebina, V. M. Potapova. Doki AFad. sel'khoz. nauk no. 9:20-23 9 '66

Dynamics of nitrogen protein in cow rumen content in relation to various feed rations Sh.D Simbinov Trudy inst fiziol, AN Kazakh, SSR 10 17-21 '66

Effect of Chukhuryard hydrogen sulfide water on the rourse of nitrogen metabolism in polyarthritis of various ctiology Report No. P Observation data of 1955-57 S.G. Agaeva Shot. trud Azerb nauch, -issl. inst kur i fiz, metod. lech no. 6 122-133 *62.

Effect of Chukhuryurd hydrogen sulfide water on the meet of Chukhuryurd hydrogen sulfide water on the course of nitrogen metabolism in polyarthritis of valued eitology Ruport No 2: Obsavvation data of 1958 S.C. Agaeva Sbor, trud Azerb, nauch, -issl. inst kur. 1 flz metod, lech, no 6 134-138 162

Effect of the climatic factors of Chukhuryurd on the nitrogen metabolism of practically healthy people. Report No 1. Observation data of 1955-57 S. G. Agaeva. Shor. trud Azerb, nauch -usal.inst.kur. i fiz. metod. lech no, 8 41-47 '82.

Effect of the climatic factors of Chukhuryurd on the nitingen metabolism of practically healthy people Report No. 2. Observation data of 1958 S.G. Agaeva. Sbor. trud Azorb nauch, -issl. inst Fur. I fiz. metod, lech. no. 6 48-50 162

Intensity of altrogen metabolism in some marine moliusks as related to their size, Z, A, Muravskaia, Gidrobiol, zhur, 2 no. 6:35-42 166,

NTTROGEN ORGANIC COMPOUNDS see Organonttrogen c., ուքօսում

## NITROGEN OXIDES

Effect of nitrogen exides on the decomposition of nitroglycerin. K.K. Andreev, V. P. Snelsputina. Zhur, priki, khim. 34 no. 6;1371-1373 Je 161.

Hexafiuoroisobutyryl fluoride and nitrogen oxides, IU. A. Chaburkov, N. Mukhamadallev.- 1. L. Kaumiants, lzv. AN SSSR, Ser. khim. no. 12:2119-2122 166.

Per fluoredimethylletene and per fluoremethacry he acid. Report No. 5: Hevaluororosbut, recoact fluoride and sulfur cond sulfur one and chlorides IU. A Chebut For, N. Muhamadahov, IL Knunrants Izv. AN SSSR, Ser Intra. no 12 211-2110 '66

#### NITROGEN OXIDES-DIPO LE MOMENTS

Experimental determination of the dipole moment of the transition of  $\gamma$ - and  $\beta$ -systems of intrie oxide. E. T. Antropov Frudy Fiz, inst. 35 3-73 166

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Effect of nitrogen oxides on the decomposition of nitroglycerin K K Andreev, V P. Shelaputina. Zhur prikl him 31 no 6 1371-1373 J $\epsilon$  461

#### NECRONE

Mechanism of 1, 3-dipolar evoloaddition of nitione esters V. A. Tartakovskii, A. A. Onishchenko, S. S. Novikov Izv. AN SSSR, Ser khim no 1177-179 Ja 167.

## NTEROPARAFFINS

Aliphatic fluorenitre compounds. Report No. 6: Some conversions of polyfluoronitro alkanes. L. L. Knumiants, L. S German, I.N Rozhkov. Izv. AN SSSR. Ser. khim. no 12:2111-2115 '66.

Dissociation constants of some nitionikanes in aqueous ethanoi A I Ivanov and others lzv AN SSSR, Ser khim no 1:61-66 Ju 167

New reaction of tetranitromethane, K. V. Altukhov and others. Izv. AN SSSR Ser. Phim. no. 1 197-199 Ja 167.

Preparation of alkylated amines from nitroparaffins and alcohols, N.S. Kozlov, N.K. Matveeva Uch zap Perm ped, inst, 32:10-13 165,

#### NETROPHENY L GROUP

Transition "helix-coil" of DNA in dinitrophenyl composition in condensed phase following physiological ion concentration of the medium, DNA conformation in nucleoprotein compley D. M. Spitkovskii, L. A. Luch-kina, Biofizika ii no 5:747-752 '66

#### NIVKH

Taksami, Ch.M. [The Nivkh; their present-day economy, culture, and way of life] Nivkhi, sovremennee khoziaistvo kul'tura i byt. Leningrad, Nauka, 1967, 268 p.

#### NIZHNIY TAGIL-EVENING AND CONTINUATION SCHOOLS

What troubles us? M. Sokurenko. Vech. srcd. shkola 9 no. 3;26-27 Mv-Je '66.

#### NIZHNIY TAGIL-METALLURGICAL PLANTS

Full-scale examination of the ventilation of open-hearth plants and telling mills of the Nizhniy Tagil Metaliurgi-tal Combine A L Altynova, V N. Taliev. Shor trud. NIISΓ no 13 3-19 162,

# NIZIINIY TAGIL—METALLURGICAL PLANTS—DESIGN AND CONSTRUCTION

First in the country, D.Kuz'menko, I Ben'laminovich, Na stroi Ros, 4 no 7.4-6 Ji 163

Mistakes and failures teach. N Dobrov. Na stroi. Ros. 4 no. 7 11-13 Jl 163.

Reinforced concrete garage for deficiting ores. A Timoshpol'skii, Na stroi Ros i no. 7 17 J1 163

Vinere is the economy? Z. Pominova, B. Libova, Na stroi Ros. 4 no.714 Jl 163,

# NIZIMIY TAMISK (NORTH OSSETIA)—HEALTH RESORTS, WATERING PLACES, ETC.

Dynamics of the changes in some indices following treatment at the "Tamisk" Sanatorium. A.Kh. Adyrkhaev and others. Shor nauch trud, SOGMI no. 10 177-179

### NODES OF RANVIER

Study of accomodation mechanism to linearly increasing current on mathematical model of Ranvier's node membrane. M. L. Bykhovskii and othera. Biofizika il no.5:922-921 '66.

# NOGIN, VIKTOR PAVIOVICH, 1878-1924

Arkhangel'skil, V.V. Nogin. [Moskva] Moloda'a gyar-dila, 1966 318 p. (Zhizn' zamechatel'nykh I udol Se-rila blografii, no.16(384))

Controlling industrial noise in casting shops of plants producing reinforced concrete articles. IU M Elizarov Prom stroi. 39 no 12:49-53 [6].

NOMADS see subdivision under Kazakhstan; Soviet Central Asia

## NOMOGRAPHY (MATHEMATICS)

Change in conformance factors for baylike pools in displacing oil by operating agents OK. Obukhov Geol, nefti I gaza 10 no.12 22-24 D 165

Determining capacity of productive parts of formation when number of drilled wells is low. A. L. Kozlov, O. N. Alieva. Geol nefti i gaza 10 no. 12:10-17 D '66.

#### NOMOGRAPHY (MATHEMATICS) (Continued)

Determining the advantages of changing the assortment with the aid of notinggram. Even 1 mat meted 3 no 1439-143 Ja-14 57.

Nomograms for determining actual starting currents and actual starting moments of electric motors on coal cut-ter-loaders, P.L. Svetlichn, i. Mash a obor dila mekh i avtomatiz trud, prots v ugol prom. no 2 75-96 465

Nomograms for determining bottom temperatures in vells being drilled G G, Poliakov Neft Phoz 45 no 1:30-33 Ja '67

Using nomographs in determining costs of mechanized freight reprocessing A. N. Naumkin, V. M. Zverkov, Vert TSNII MPS 25 no 8 52-55 166

#### NONCONTENTIOUS JURISDICTION

Court rulings which decree the correction of civil status recoids. F Belogorakaia Sots zakon, 38 no 7 39-42 Ji '61

#### NONDESTRUCTIVE TESTING

Continuous quality control of structural elements by nondestructive methods. Stroi, i arkhit Len. 28 no.6. 31 Je '66.

Magnetic and electric properties of 17KhN2, 2OKhN3A, 17N3MA steels and comented lavers on their base. V. M. Morozo a and other s. Defektost opila 2 no. 5. 77-78 '66,

Magnetoacoustical method of studying alloys without destruction of solid specimens L. L. Miasulkov, R. A. Zvorykna, Defektoskopna 2 no. 5:48-19 '66,

Method worthy of attention on control of quality of materials with help of ultrahigh frequency electromagnetic waves V.V Sudakov, IU. N. Bobyleva Stroil Bikhil. Len 28 no 12 20 D 466,

Pariable modulation flaw detectors PED-1 for checking the internal surface of fer romagnetic papes, V. A. Minchenko, A. M. Oznobikhin, V. S. Lez rhov, Defekto-skopita 2 no 6:30-35 '66,

Use of nondestructive methods in determining bearing capacity of buck walls, R G Komisarchik Stroi i arkhit, Len 28 no 7 22-23 Jl '66

VTDN-1 equipment for checking surface defects in ferro-magnetic pipes. P.K Oshchepkov and others. Defekto-skopua 2 no 6 35-42 '66.

#### NONDESTRUCTIVE TESTING-CONGRESSES

Congresses, conferences, seminars. Defektoskopiia 2 no 6 73-75 '66.

#### NONDESTRUCTIVE TESTING-EQUIPMENT AND SUP-PLIES

Calculating the sensitivity of an introscope with a super-orthicon-type transmitting television tube. V I Gorbu-nov, A. P. Shpagin. Defektoskopiia 2 no. 6:59-61 '66.

# NONFERROUS METAL INDUSTRIES-HYGIENIC AS-

Further improvement of labor conditions in enterprises of nonferrous metallurgy. E Gadzalov. TSvet. met. 33 no 3 75-76 Mr '60.

NONFERROUS METAL INDUSTRIES-MANAGEMENT see subdivision under Irtyshsk (Kazakhstan); Kazakhstan

NONFERROUS METAL INDUSTRIES-SCHEDULING see subdivision under Trtyshak District

NONFERROUS METALS-BIBLIOGRAPHY see Bibliography-Nonferrous metals

NONFERROUS METALS-CONGRESSES see subdivision under Ukraine

## NONFERROUS METALS-ELECTROMETALLURGY

Electrolytic method of production of oxide raw materials for the manufacture of manganese zinc ferrites R. I. Agladze, M. N. Dzhaliashvili. Soob. AN Gruz. SSR 44 no.3;619-622 D '66.

Studying the specific electric conductivity of slags from the electrosmelting of intermediate complex metal products. V I. Bershak, TSvet met, 33 no, 3 37-160,

### NONFERROUS METALS-METALLURGY

Complex method of treating pyritic residues. I. Zaberezhnyi, I. M. Rafalovich, E. G. Fominykh. TSvet. met. 33 no. 3.29-37 Mr *160,

### NONFERROUS METALS-PERIODICALS

Conference of readers of the "TSvetnye Metalty" journal In the city of Sverdlovsk, N.V Gudima, S V.Ol'skala TSvet.met. 33 no. 3;81-83 Mr #60,

### NONFERROUS METALS-STANDARDS

High-quality nonferrous metals, Stand, i kach. 30 no. 11:80 N 166.

NONLINEAR DIFFERENTIAL EQUATIONS see Differential equations, Nonlinear

## NONMETALLIC MATERIALS-ANALYSIS

Composition of nonmetallic inclusions in aluminum-alloyed ateel, V.V Parabin, A K. Petrov, A. V. Rechkalova, Izv vys. ucheb. zav., chern. met, 10 no. 1:46-49 167.

#### NONWAGE PAYMENTS

On the two forms of necessary product and two kinds of cost N.A. Moiscenko, M.D. Pliner Vest, LGU 21 no 23 5-11 '66,

Payments and benefits from public consumption funds in worker 1's family budget according to the survey data of lumber men's family budget in Karelia A S Revalkin, Vest, 1 GU 21 no. 23 12-20 '66,

#### NONWOVEN FABRICS

Developing a lechnology for the manufacture of knit-stiched nonwoven fabrics. M V Filatova, I. N. Roma-noviseva Nauch -isel, trudy FSNIIShersti no. 20 220-236 '65

#### NORADRENALINE

Noradi enalin and adi enalin of stomach wall and gasti ic price in dogs. E. K. Kazarova, N. A. Esaian Biol almi Arm 19 no 12:58-64 D 66

#### NORADRENALINE-PHYSIOLOGICAL EFFECT

Effect of adventine and noradventile on the electric properties of smooth muscles M IU Klevents! Fiziol. zhui [Ukr.] 12 no 6 763-768 N-D '66

#### NORADRENALINE IN THE BODY

Role of posterior hypothalamus in regulation of noradi en-alin in different parts of brain. A IA, Mogilcoskii, N.N. Leonova, Dokl. AN SSSR 172 no. 3 711-714 Jul 187

#### NORBORNANE

Configuration of 7-exabicycle [2, 2, 1] heptane derivatives as astabilished by the nuclear magnetic resonance method. N.S.Zeffirov and others. Dokl AN SSSR 172 no 1:98-100 Ja 67

#### NORBORNENE-DIPOLE MOMENTS

Dipole moments of some adducts of hexachlor ocyclopentadiene and their derivatives. B. A. Albuzov, A. N. Vereshchagin, E. S. Batyeva. Lzv. AN SSSR. Ser. Phim. no. 12 2080 - 2086 '86.

NORDMARKITE see subdivision under Minusinsk Basin

#### NORILISK (KRASNOYARSK TERRITORY)-PANELS (BUILDING)

Use of electric power plant ashes in construction. V. Koliada, N Finogenova, Na stroi, Ros. 4 no. 3'28

## NORTH KAZAKHSTAN PROVINCE—STATE FARMS

Specialization and combining of branches on state farms in North Kazakhatan Province S Ashirov. Vest, selkhoz nauki [Kazakh] 10 no 1 3-7 Ja *67

NORTH KOREA see Koren, North

NORTH OSSETIA see Ossetia, North

NORTHERN CAUCASUS see Caucasus, Northern

NORTHERN WAR, 1700-1721 see subdivision under

## NORWAY---FUR TRADE

Norwegian industrialists in the U.S.S.R. A. Saag. Vnesh, torg. 48 no. 12:36 *66.

### NORWAY—WORLD WAR, 1939-1945—PRISONERS AND PRISONS, GERMAN

Letters of the prisoners of Etterstad, M G Iskrin, Vop. ist, 42 no. 1;100-107 Ja 167.

### NOSE-ABSCESS

Abscess of the nasal septum complicated by meningoencephalitis E.D.Lisitsyn, Zhui ush., nos. i gorl, bol. 19 no 6 75-76 N-D '59,

## NOSE-ANATOMY

Lymph vessels of the pasal mucosa in man and certain mammals, B.S. Andrievskii, Zhur, ush., nos. i gorl, bol 19 no 6 47-59 N-D *59,

### NOSE-SURGERY

Changes in hemodynamics (ollowing conchotomy, and supplementary enesthesis during this operation, N.M. Smirnov. Zhur ush, nos i gorl.hol. 10 no 0.50-52

Liquorrhea following ethmoidectomy. T.A. Vainshtein. Zhur. ush., nos. i gorl, bol. 19 no. 6:79 N-D 159.

### NOTARIES

Controversial problems in the practice of notarial agencies, N. I. Bondarev, Sov. gos. i pravo no. 1,122-124 Ja '67,

Work practice of notarial agencies in crime prevention. Sov.lust. 30 no.24:13-14 D '66.

Teaching the students to take notes. -I. I. Kolbasko. Vech. sred. shkola 0 no. 5:33-34 S-O '66.

NOVACHENKO, NIKOLAI PETROVICH, 1898-1968 Nikolai Petrovich Novachenko; an obituary. Ortop., travm.i protez. 27 no.12:84-85 D '66.

# NOVAYA KAKHOVKA (UKRAINE)—E LECTRIC MACHINERY INDUSTRY—MANAGEMENT

Economic work in a trade-union group M. Koyalçıko Sov. profesiuzy 23 no 1:10-13 Ja - 157

#### NOVAYA ZEMLYA-CORALS, FOSSIL

New species of Tabulata from Lower Devontan her izon of Morzhovaya Bay (southwestern part of Novaya Zendyn) M. A Sminova Uch zap-NHGA.Ser. "Pak ont i bleshi" 165.

#### NOVAYA ZEMLYA—PALEONTO LOGY, STRATIGHAPHE

Early Ordovician found in southern part of Novnya Zunni, a and nothern part of Pay-Khoy and its stratgraphic significance. V.I Bondarev and others. Ucheral. NIIGA, Ser. "Paleont, i block." no. 10:15-63 465

## NOVAYA ZEMLYA—TETRACORALLA

Early Devonian Tetracoralla of Southern Island of Nov $\sigma_{p,q}$ Zemlya (horizon of Morzhovaya Bay). A. G. Krasts Uch.zap NHGA.ber. "Palcont i bloot: " no logila-

## NOV GOROD PROVINCE—AGRIC ULTURE—ACCOUNT PAG

Possibilities for increasing production through a hetter distribution of agricultural branches. If II Pelines, Dokl i soob, VNIESKII no. 28(91-108-105,

## NOVGOROD PROVINCE -- MACHINE -TOOL INDUSTRY

We must consider the opinions of Communists. Part, zhizn' no, 2:65 Ja '67.

#### NOVGOROD PROVINCE-STATISTICS

Novgorod (Province) Oblasinos statistichoskos opravicais.

[The economy of Novgorod Province, a statistical abstract] Narodnos knoziaistvo Novgorodskoi oblavil, statistichoskii sbornik. [Leningrad] Statistika, 1965.

#### NOVODIOCIN

Stability of nowbiecin in aqueous solutions, G.S. 1 thinson, K.I. Surkova, Antibiotiki 12 no. 1 8-10 Ja 467

#### NOVOCAINE

Effect of a novocaine block on the course of acute in-flammation of the middle car in experiments on dogs. I. M. Ispuganov Zhur, ush., nos. i gorl, bol, 10 fri, 4 59-61 J1-Ag 150.

Treatment of peptic ulcer with intra-arterial introduction of novocaine, N G Dzakhova. Shor nauch trud to half no. 10 148-150 161.

tise of heronium and novocaine in the treatment of perule ulcer A Kh. Adyrbiaev, N G. Dzakhova, Shin maish, trud SOGMI no. 10 145-147 '61

Use of novocaine in the treatment of chronic atculudiars. G P. Sheremettev. Trudy Gos, name h -itest, limit, publ.

#### NOVOKUYBYSHEVSK (KUYBYSHEV PROVINCE)-BUILDING INSPECTORS

Do not permit an unwarranted construction  $(H_{i},V_{i})_{i\in\mathcal{V}}$  and others. No set of Ros. 1 no 9:11 S  $^{+}8$  i

## NOVOKUZNETSK-ROLLING (METALWORK)

At the Kuznetsk metallurgical combine. P. S. Plettern. z., L. D. Nikulinskii. Staff 21 no. 11,1019 N. 461.

### NOVOROSSIYSK-MOSQUITOES

Detection of Culex pipiens molectus I crakel in Neveron-siyak. V. A. Morozov. Med. par az. 1 paraz. bel 15 aiyak. V. A. Moro no. 6:731 N-D 66.

## NOVOSIBURSK-SOIL MECHANICS

Stability characteristics of compacted sagging nolta of Novosibiask, I. G. Charushnikov, IA, D. Shnevich II of tund, I mekh, grun, 8 no.5:10-11 166,

NOVOSIBIRSK---UNIVERSITIES AND COLLEGES

Novosibirsk, a city of students. A. Pal'm. Mol. bernin no. 12:45-49 D '61.

#### NOVOSIBIESK PROVINCE-ASPEN-GENETIC RE-SEARCH

Triploid clone of aspen in forests of Novosibirak Provident, V. T. Bakulin, Genetika no. 11:58-68 166.

### NOVOSIBIRSK PROVINCE-PSYCHIATRY

State of psychiatric service in the city and province of Novosibirsk, K.A. Dmitrieva and others, Trudy Gos nauch, -issl, inst. psikh, 26:457-462 161.

### NOVOSIBIRSK RESERVOIR-TEMPERATURE

Calculation of heat reserves of Novesibirsk Reserveir. IU. N. Sokolov, Shor, rab, po gidrol, no. 6, 78-66 .68.

# NOVOZHWOTENOYE (VORONEZH PROVINCE)-RUBAL

CONDITIONS
The new life of Novezhivotinnoye, V. Sukhoverov, Nar. obr. no. 1:93-99 Ju 167.

# MOVYY LIPETSK (LIPETSK PROVINCE)---IRON AND

STEFL PLANTS—EQUIPMENT AND SUPPLIES
Unique sinkable wells, Z. Zherebetskii, Inform, binl,
VDNKH no. 12 19-21 D 466.

## NOZDREV , VASILII FEDOROVICH

I tile poetry by a physicist -G Manterov. V mire  $\operatorname{kmg}_{-G}$  no (6/33) , to (66)

#### SOZZEES

Possibilities for increasing work indices of times roller bits in oil fields of Duieper-Donets Lowland using novles designed by Ufa Patroleum Research Institute A.L. Hutskii, V. P. Matsievskii, V. I. Sinilkin - Neft i gr., prom no 5,95-26 S-O 66

#### SIDCLEAR COUNTERS

Paylova, E.N. [Gas-discharge photon counters] Gazo-razrladnye schetchiki fotonov. [Leningrad] Izd-vo Leningr. univ., 1966, 109 p.

#### NOCLEAR ENGINEERING

[Nuclear engineering abroad] Atom, tekh. za rub, 10 no, 2 105.

#### NUCLEAR FISSION

Amealing of tracks from fragments of apontaneous fission of uranium in mica crystals and glasses. I.G. Burking and others, Dokl. AN 888R, 171, no. 611313-1316. D. 4a6.

[Fifertive moments of limitia of heavy nuclei at the saddie point] Effektivnye momenty inertsii tiazhelykh iader s sedlovol tochke. [By] S A.Karamian i dr. Dubba, 1967 30 p

[htechanism of terminy fission of nuclei in heavy ion re-actions]. O mekhanizme delenia lader na tri oskolka v rcuktatlakh a tiazholymi lonami. [By] IU A. Muzychka l dr - Dubnat, 1967 - 13 p.

Spantaneously fissionable isomer with half-decay period of 10 ⁻⁵ sec. 10 P. Gang skil and others - Pust vied. Zhui, : k-peri I teoret, fiz - 4 no. 19-429-431 N ⁻¹66

## NUCLEAR FUEL ELEMENTS

Zalmovskif, A.S., V.V. Kalashnikov, and I.S. Golovnin,
[Furl elements in atomic reactors] Teplovydelialusichle elements atomnykh reaktorov, Izd. 2., perer, i
dep. Moskva, Atomizdat, 1906. 519 p.

NUCLI.AR ISOBARS see Isobars, Nuclear

#### NUCLEAR MAGNETIC RESONANCE

Configuration of 7-reabicycle [2, 2, 1] hoptone derivatives as catublished by the nuclear magnetic resonance method. N. S. Zefirov and others Dokt AN SSR 172 no 1;08-100 Jo '67.

kinetics of dictione-phanol teatrangement of tonol quinobi orade as studied by means of nuclear magnetic renorance. A.I. Brodukti and others. Dokt. AN SSR 172 no 1:322-175 Ja '67

Megnetic resonance of protons of water and n-hydrocar-bons adsorbed by ellicate sorbents of different porous shacture. B.I. Tulbovich and others. Iv. vys. ucheb zav. khim i Phim. tekh. 9 no. 5/135-731 hh

hurleng magnetic resonance and electric properties of polyneotylone. V.I. Shepeley and others. Elektrokhi-mila 2 no. 12-1468-1170 D 468.

Parametric resonance in effective field. I. N. Novikov, V. G. Pokazuniev. Piał v red. Zhim ekspet. i teoret. fir. 1 no. 40: 913-396 N 466.

Slope of nuclear magnetic resonance line of interacting nethyl groups in crystals. O. P. Revokatov. Vest. Mork, un. Sci. 3: Fiz., natron. 21 no. 6,81-96 N-D '66.

Spin supin interaction of fluorino nuclei in nuclear magnetto resonance spectra of some fluor estyrenes. N. M. Sergeov. N. N. Shapet Ro. G. V. Timofoluk. Tooret. t ukiper . khim. 2 no 5:701-706 S-O 166.

Study of the structure and dynamics of liquids by means of mickers relaxation. V. I. Chizhik. Probl. sovs. khim. Food. sord. no. 1240-201 166.

## NUCLUAR MODELS

Babber, V.V. Modern models of nuclear forces. Paper delivered at the 17th Conforence on Nuclear Spectrodelivered at the Pan Condition of the Nation special secopy and Nuclear Structure, Kharkov, 1967] Sovremennye modeli iadernykh sil. Doklad, predslaviennyi sa XVII sovoshebanie po iadernoi spektroskopil i struk ture atomnogo fadra (Khar'kov, 1967 g.). Dubna, 1967. 10 p

Babikov, V.V., and V.S. Kisclev. [Description of clastic nucleon-nucleon scattering in a mesonic model of nuclear forces] Opisanic uprugogo nuklon-nuklonnogo rassolantia v mezonnol modeli iadernykh sil Dubna, 1987. 16 p

## NUCLEAR PHYSICS

[High-energy physics and the theory of elementary particles] Fizika vysokikh energii i teoriia elementarnykh clastits Kiev, Naukova dunka, 1967. 815 p. (In Russian and English]

Levin, V. E. [Nuclear physics and nuclear reactors] iAdernala fizika i iadernye reaktory. Moskva, Atomizdat, 1006. 280 p.

#### NUCLEAR REACTIONS

Analysis of the (i, a) reaction on light nuclei within the diffraction model. IU.V. Melikov Vest. Mosk un. Ser Fiz., astron. 21 no 6:102-105 N-D 166.

Jaz', A.I., 1A.B.Zel'dovich, and A.M. Porclomov,
[Scattering, reactions, and decays in nonrelativistic
quantum mechanics] Rasselanie, reaktsii i raspady v
nor eliativistskoi kvantovoi mekhanike. Moskva, Nauka, 1966. 330 p.

Diffraction interaction of fast deuterons with nonspherical nuclei, O. H. Sytenko, IU. A. Berezhnoi, Uki, fiz, zhui, i no, 5:561-568 S-O '59

Photostation scattering in approach to space complexification Guong-ven-Phi Vest Mosk un Ser. 3 Fiz., astron 21 no.8:100-102 N-D '66. Interaction between 14.4 Mev neutrons and 14N, B. Antol-bovic and others, Izv. AN SSSR Ser fiz 31 no.1 110-11 Ja '67

Mechanism of ternal y fission of nuclei in heavy ion reactions] O mekhaniz me delenija jaden na tri oskolka v reaktsiiakh s tlazhelymi ionami [By] TU A Muzychka i dr Dubna, 1967 13 p.

(np)-and (nd)-reactions with calcium at En= 11 4 Mcv B, Antolkovic, D, Mirjanic Izv, AN 858R Ser fiz 31 no 1105-109 Ja 167

Nuclear reactions in iron metrorities A.P. Vonogridov, A.K. Lavrukhina, L.D. Revina Geokhimia no 11955-966 161.

Plaksin, I. N., and L. P. Starchik. [Nuclear physics methods for analyzing materials, nuclear reactions and activation analysis] IAcerno-fizicheskie metody kontrolia veshchestvennogo sostava; iadernyi reaktsii i aktivatsion-nyi analiz. Moskva, Nauka, 1966. 201 p.

Rate of nuclear reactions in dense media, Z.F.Seidov, Trudy Shem, actiofiz, obser, 3 25-39 44.

Structure of isobaric analog states in heavy nuclei. D.F. Zarciskii, M.G.Urin. Pis', v. red. Zhur, eksper. i teoret. fiz. 4 no. 9:370-381 '66.

#### NUCLEAR REACTORS

Levin, V. C. [Nuclear physics and nuclear reactors]

IAdernala fizika i ladernye reaktory. Moskva, Atom-Izdat, 1966, 266 o.

NUCLEAR REACTORS-PROBLEMS, EXERCISES, ETC. Some problems in the mathematical theory of the criti-cal state of a leactor 5 B Shikhov Zhur, vych mat i mat, fiz. 7 no i 113-127 Ja-F 167.

#### NUCLEAR SHELL THEORY

Calculations according to a new empirical for mula for computing ention radii with inert gas shell. G. A. Korab-lev. Teoret.1 eksper.khim. 2 no 5,707-709 5-0 '66.

Houndspin, electromagnetic and plasma waves inferrites. M. A. Savchenko, K. N. Stepanov Fiz. met i metalloved 22 no.4;498-505 O '66,

Complexes of serval spins in the linear Heisenberg chain-A. A. Oveldnnirov. Piel.vicd. Zhaneksper.iteoret.

Localization of spins in superconductor. O S Akhtiamov, E.1 Fedotov, Phst v red, Zhun, eksper i teoret, fiz. 4 no. 10 416-416 N 166

Phase analysis of nucleon-nucleon scattering at energy of 400 Mey. IU M Kazarinov, F Legar, Z IAnout, Pist v red, Zhur, eksper, t teoret, fiz 4 no. 3:110-114 Ag 186

Ag 'so
Temporature behavior of "antiferromagnetic" impurity
Temporature behavior of "antiferromagnetic" impurity
N. V. spin in a ferr omagnetic matrix. IU. A. Iziumov. M. V Medvedev. Fiz. met.i metalloved. 22 no. 4:506-513 O '66.

### NUCLEI, ATOMIC

Hogolluhov, N.N., ed. [Structure of complex nuclei]
Struktura słożnowki lader. Moskva, Atomizdat, 1966.
350 p. (Letniaia shkola fizikov)

Deformed excited states of  $^{16}_{16}$ A $_{20}$ ,  $^{16}_{16}$ A $_{22}$ , and  $^{12}_{2}$ Sc $_{21}$ 

nuclei, B S. Dzhelepov, L. K. Peker, Izv. AN SSSR Set., ftr., 31 no.1:181-184 Ja '67.

Levels of even-even nuclei with F 1-, B.S. Dzhelepov, L.K. Peker, Izv. AN SSSR, Ser, fiz. 31 no, 1:179-180 Ja '67.

## NUCLEI, ATOMIC-ELECTROMAGNETIC PROPERTIES

Some electromagnetic processes on nuclei at high cner-gies M P Rekalo. Ukr fiz zhui 11 no. 12:1286-1295 D 166

## nuclei, atomic—spectra

Energy spectrum of atomic nuclei in nuclear quantum field theory, A, N, Kushnii enko. Dop, AN URSR no. 12: 1567-1572 '66.

## NUCLEIC ACID METABOLISM

Change in micleotide composition of RNA of rat brain in incubation. L. A. Edilashvill. Soch. AN Gruz. SSR 44 no. 2 | 325 - 329 N *66.

Morphological variability in plants as related to nucleic acids and protein synthesis. M. IA. Shkol'nik. Bot zhur. 51 no.12:1755-1773 D '06.

RNA content and localization in cytoplasm of neurons of mtramural ganglia following cardiac hyperfunction. F.Z. Merson, E. M. Krokhina, Dokl AN SSSR 171 no. 6:1427-1430 D '66,

#### NUCLEIC ACIDS

Autoradiographic stud, of DNA synthesis in epithelial cells of frog crystalline lens. N IU, Sakharova, K. G. Gazarnan, V V Popov Arkh, anat., gist i cmbr 51 по 10403-108 О 166

Cytophotometric and interferometric study of extraorbital gland in rats following inhibition of ribosomal RNA synthesis by aurantin N V Nechaeva, V N. lArygin Arkh anat , gist i embr 51 no 10 87-91 O 166

Degree of hereditary fixation in transformed bacteria of agglutinable characteristics acquired by the assimila-tion of heterogenous DNA, V.IA Romantsova, Mikrobiol zhut. 24 no 5 20-25 162

Dynamics of RNA synthesis by partially purified RNA polymerase from rat liver. I I Votrin, 5 S. Debov. Dok! AN SSSR 167 no 2 448-450 Mr 166

Effect of 5-bromouracil on genetic recombination of Escherichia coli in relation to the amount of thymine it replaces in DNA of donor cells V P Shchipkov, L I. Sampilento, Genetika no 12 99-105 '66

Effect of ionizing radiation on high-polymer RNA of Ehrlich's ascitic cancer cells L.S Mil'man, I M Shapiro, Radiobiologija 2 no 1.530-532 162

Effect of ribonucicic acid from bovine adenohypophyses on adrenocorticotropic factor synthesis in acellular sys-tem from Escherichia coli B I N. Todorov, L N. Blok, V. N. Vasillchenko, Dokl, AN SSSR 167 no 2 461-463

Functional heterogeneity of chromosomal information of ribonucleic acid. V.IA. Arion, G P Georgiev. Dokl. AN SSSR 172 no 3 716-719 Ja 67.

Histochemical study of the effect of ionizing radiation on nucleic acid and glycogen dynamics in the liver of rats G D.Gubin Radiobiologiia 2 no. 4 553-557 '62

Method for determining primary structure of transport ribonucleic acids from their fragments K.S. Kvinikhid-ze Soob AN Gruz SSR 44 no.2:273-280 N '66.

Radiction injuly and protection of bacteriophages containing one strand RNA and DNA. IU P. Vinetskii Mikrobiologiia 35 no.6;1033-1036 N-D 466.

Relationship between acridines and DNA G. V. Guiskii. Biofizira 11 no 5,737-746 '66.

Ribonucleic acid and glycogen content of the cells of hemopoletic tissues in healthy cattle and cattle with babesissis. I. M. Karputs'. Vestsi ANBSSR. Ser. sel'-hasp. nav. no. 4.117-121 '66.

Thermal effects and reliability of processes in protein and nucleic acid synthesis A. I Bykhovskii. Dokl. AN SSSR 171 no.4.992-995 D *66.

Transition "helix-coil" of DNA in dinitrophenyl composition in condensed phase following physiological ion concentration of the medium, DNA conformation in nucle oprotein complex. D. M. Spitkovskii, L. A. Luch-kina. Biofizika II no. 5:747-752 '66.

### NUCLEIC ACIDS-SPECTRA

Studying luminescence spectra and quantum yield of deoxyribonucleonic acid in solution. A. N. Pisarevskii, S. N. Cheronievich, V. T. Andrianov. Zhur, prikl. spekt. 5 no. 5-621-624 N '66.

### NUCLEIN METABOLISM

Changes in tissue nuclein metabolism in experimental ather oscierosis under the effect of hydrogen suifide baths. Z. A.Sokolova Vop kur., fizioler i lech fiz. kul⁴t. 31 no 6:504-509 '66

## NUC LEONS-SCATTERING

Babikov, V.V., and V.S.Kiselev. [Description of elastic nucleon-nucleon scattering in a mesonic model of nu-clear forces] Opisanie uprugogo nuklon-nuklomnogo rasseianila v mezonnol modeli iadernykh sil. Dubna, 1967

Phase analysis of nucleon-nucleon scattering at energy of 400 Mev 10 M. Kazarinov, F. Legar, Z. IAnout. Pist v red. Zhui, eksper, I teoret, fiz. 4 no 3:110-114 Ag *66.

## NUC LEOPROTEINS

Etiology of laukemia, exogenic virus or pathogenic endogenic nucleoproteins? Probl gemat, i perel, krovi 10 no, 12-25-32 D 155.

Transition "helix-coil" of DNA in dintrophenyl composirensulon "helix-coil" of DNA in dintrophenyl composi-tion in coadensed phase following physiological ion concentration of the medium, DNA conformation in muchoprotein complex. D. M. Spitkovskii, L. A. Luch-kina. Biofizika ii no. 5:747-752 '68.

## NUC LEOTIDES

Metabolic fund of free nucleotides of the bacterial cell. M. F. Khanina. Biul aksp.biol.i med. 63 no.1;56-60 Ja '67.

Nucleotide composition of RNA in fibroin section of silk-worm gland. P. Kullyev, N. V. Birukova, O. N. Mamed-ntiazov. Izv. AN Turk.SSR, Ser. biol, nauk. no. 5:49-52 188.

## NUMBERS, THEORY OF

- Frelman, G.A [Elements of the structural theory of adding sots] Nachata structural teorif slozienta mnozherty Pod red A M Llustiga i L. P Usol'tseva Kazan', Kazanskii gos pedagog in-t, 1966 137 p
- Polynomials with minor simple divisors Part 2 Khinyrova Izv AN SSSR Sei mit, 30 no 6 1367
- Some function-theory iteal variants of the sleve method in the theory of numbers. P. Turan Dokl. M. SSSR 171 no. 6:1289-1282 D 466.

## NUMBERS, THEORY OF-PROBLEMS, EXERCISES, ETC.

Uspenskii, V. A. [Pascal's triangle] Treugol'mk Paskalia Moskva, Nauka, 1966–34 p. (Populiarnye lektsii po matematike, no. 43)

#### NUMERICAL WEATHER FORECASTING

- Determination of mesoscale processes in atmosphere, Kh N Zestunian, Trudy MMTS no.1171-78 '66
- Different scheme of short-range weather forceasting based on exact equations, spatial model. D IA Pressman Trudy MMTS no 14:23-35 [66]
- Diffect of the variability of the Cortolis force on changes in the geopotential field in the presence of mountains Z. V. Khvedelidze. Soob AN Gruz. SSR 27 no 2 113-150 Ag '61
- Formulation of marginal conditions in numerical solution of stationary problems in flowing around E M Pekelis, Trudy MMTS no.1179-91 166
- Hydredynamic scheme for forecasting variations of troppruse V M. Kndyslnikov Trudy MMTS no 14. 11 Open mae 59 - 70 | 66,
- Lutfulin, I. Z. [New methods of forecasting the meteoro-logical fields] Novye metody predvychislenija mete-orologickeskikh polel. Leningrad, Gidrometeoizdat, 1966. 195 р.
- Nonstationary problem for simplest spetial model of atmosphere. I A Kibel. Trudy MMTS no 113-9 '66
- Numerical solution of equations of hydromechanics for atmospheric movements. N.I Bulcev, V V Knysh Trudy MM15 no 14 48-58 166
- Numerical solution of spatial nonlinear problem of airflow passing around barriers. E. M. Pekclis. Trudy
  MMTS no. 14 36-47 '66
  Practice in operative forecasting based on three-level
  hydrodynamic model. V. M. Kadyshnikov. Trudy
  MMTS no. 14 11-22 '56
- Some results of operative short-range forecasting geopotential based on exact equations for two levels of atmosphere, S. A. Bortnikov Trudy MMTS no. 14:10-13 '06.
- Three-level acheme of forecasting meteoelements based on exact equations, L V Berkovich Toudy MMTS no. 11:92-101 '55.

## NUMMULITES see subdivision under Crimean Mountains

## NUREK HYDROE LECTRIC POWER STATION

- Advanced method for cutting a chamber with 26 m span. M. I. Borodin and others, Energ stroi, no 7 35-37 166.
- Certain characteristics of boding and blasting operations during turnel driving in building Narck Hydroelectric Power Station. E. M. Pashkin. A. P. Semin. Vzryv. delo no.61/81/284-296 66.

### NUREMBURG TRIAL OF MAJOR GERMAN WAR CRIM-INALS, 1945-1946

Medvedov, B. L. [Witness for the prosecution] Svidetel obvinentia. Moskva, Iskusstvo, 1966, 167 p.

## NURSERY STOCK

Treatment of nursery stock. A Malkov, V. Zhurstrov, Zashch, rast, 12 no. 1:30 167.

### NUTRITION-CONGRESSES

At the 7th International Congress on Nutrition, E. Kort-mins. Muk, -elev. prom. 33 no.1.29-30 Ja 167,

- Experience in the reconstruction of defects of the anterior abdominal wall by alloplasty. A.IA. Fishchenko Khirurgiia 38 no 11 87-95 N 162.
- Using polycthylene and capron parts in oil field gas compressor stations. M.D. Sokov. Mash. i noft. obor. no. 11:32-33 '66.

## NYSTAGMUS

Photoelectric device for recording nystagmus. A. L. Lopotko, P. M. Singuroy, A. A. Shurubura. Fiziol, 7hur. 52 no. 18:1389-1381 N 166.

## NYURBA DISTRICT-SOILS

Soils of the "Nyurbinakiy" State Farm and the prospects for their use. E.I. Cherniak. Nauch, soob, IAFAN SSSR no. 8:27-31 |62.

## OAK (see also subdivision under Saratov Province; Znamensk District)

Development of structure of shoots and annual seedlings of oak (Quercus robur L.). E. A. Kondrat'ova "Mel'vil'. Dokl. ANSSSR 172 no.1:211-217 Ja '67.

- Diffect of trace elements on the germination of acouns, viability, and growth of the one year old plantations of one and pine 12 N. Khonin Trady Sar, scllinor inst 15 no 3 47-19 165
- Some characteristics of the seasonal development and growth of oak seedlings in the biogeoconosis of southern targs. P. 12 Freskin Bul zhm 51 no.12 1740-1748 D 66

#### OAK-DISEASES AND PESTS

Role of invertibintes in the natural destruction of oak B M. Mamey, D. F. Sokolov Pochvovedence no. 1 24-40 Ap 160

#### OAK-FERTILIZERS AND MANURES

Root feeding of oak and linden in pure and mixed stands I N.Rakhtseenka, I F. Min'ko Vestsi AN BSSR Ser brint nav. no 117-21 '67

#### OATS

(see also subdivision under Minsk region)

Growth and development of yellow fodder Jupine and out in pure and mixed cultures R. M. IAhorava Vestsi AN BSSR Ser bird, nev no. 4.48-51-166

#### OATS-DISEASES AND PESTS

Use of hydroquinone and 2,4-D in controlling crown rust of oats V 1, TSinger Trudy KHSKHI 56,52-59 '66,

## OATS-WATER REQUIREMENTS

Accumulation of pigments by out leaves as affected by different peat soil moisture. V. M. TSimilents on, L. R. Fmial laneu Vestsi AN ESSR, Serblial, nav. no. 3;

# OB' VALLEY—INSECTS, INJURIOUS AND BENEFICIAL— BIOLOGICAL CONTROL

Cherepanov, A.I., ed. Biological principles of the control of bloodsucking dipten a in the Ob' River basin Biologicheskie osnovy bor'by s gnusom v basseine Obi. Novosibirsk, Nauka, 1966. 267 p.

## OBRUCHEV, SERGEI VLADIMIROVICH, 1891-

Geographical works of Serget Vladimirovich Obtuchev, on the 75th anniversary of his birth N. G. Sukhova 12v, Vses geog obsva 98 no 6:525-530 N-11 '66

#### OBSESSIONS

Physiological mechanisms of obsessive states A I Schastnyi, [Trudy]GIDUV no. 4.234-236 162

#### OCEAN BOTTOM

- Acoustical method of measurement of distances between unevennesses located on ocean bottom. III, III Zhitkov-5kil Okeanologila 6 no 6 1089-1090 *66
- Determining some parameters of unevenness of ocean bottom by accustical method L. A. Volovova, 1U IU Zhitkovskii. Okcanologiia 6 no 6 1080-1085 156
- Measurement of coefficient of sound reflection from ocean bottom, V.I. Volovos, Ill III Zhitovskii Okeanologiia 6 no 6 1086-1088 feb

### OCEAN CURRENTS

- Dynamic method for calculating vertical movements of vators in ocean R, R Belevich. Okeanologiia 6 no 6 1069-1073 166.
- Multidimensional statistical characteristics of sea cur-rents and their use B, N Bellaev, V, D, Pozdynin, Cheanologiia 6 no 6 1058-1069 '56.

Akademila nauk URSR. Instytut radiofizyky i elektroniky.

[Radiographic studies of sea waves] Radiograficheskie issledovantia morskogo volnenila. Pod red. S.IA.
Bradde. Kiev, Izd-vo Akad, nauk URSR, 1982. 114 p.

(WaU)

## OCEANOGRAPHIC RESEARCH

- Look for oil in ocean bottom. A. Chernov. Neftianik 11 no. 0:35-37 Ag '66.
- Study of ocean using new submarine equipment, P. A. Bonovikov, V. P. Brovko, P. A. Kaplin, Okeanologiia 6 no. 6 1113-1120 166.
- OCEANOGRAPHIC RESEARCH STATIONS see subdivision under Mediterranean Sca

# OCEANOGRAPHY (see also subdivision under Atlantic Ocean)

- Development of regional physical oceanography. V.A. Burkov Okeanologiia 6 no.6 955-965 *66
- Dynamics of ocean levels and the rotation of the earth's axis. G.G. Khizanishvili. Blut MOIP, Otd. geol. 36 no. 3:136 My-Je '61.
- Effect of solid and gaseous suspensions on hydrostatic pressure of seawater. V L Lebedev, G. A. Safianov, Okeanologila 6 no 6 1023-1029 166
- Principles of classification of shelf zone. D. E. Gershanovich. Trudy VNIRO 80:79-87 '68,
- Regionalization of world ocean for mechanized processing of hydrometeorological information. A. Shekhtman. Tindy NHAK no. 36.64-88 '80.
- Sources and principles of periodization of the history of occanography. A.F. Plakhotnik, Trudy Inst, jst est, i tokh 42-103-129 62.

- Twentieth anniversary of Institute of Oceanology of Academy of Sciences of U.S. S. R. A.S. Mirdin V. Bogorov. Okeanologia 6, no 6, 109 (+1099),  $r_{\rm tota}$
- OCEANOGRAPHY—BIBLIOGRAPHY See Bibliography =

#### OCEANOGRAPHY-CONGRESSES

- Problems of physical oceanography; based on  $n_{\rm int}$   $is l^{6}$  of 2d International Oceanographic Congress A Littangorudskii, Okeanologna 6 no 6 9 H-0  $p_{\rm int}$
- Second International Oceanographic Congression | Page Belousov, Okcanologia 6 no 6 926 944 956
- Works on sea chemistry at 2d International Octable Processing Congress N. I. Chighrin Obeanologlia 6 no 6 cm 976 166.

#### OCTANE

Raman spectra of some mono- and disubstituted it pentalone (Cis-bicyclo-(3, 3, 0)-octane). A 4, Ki bit skih, N, S, Vorobleva, A, A Petrov. Zhui pull) spekt, S no, 5:660-665 N 466

#### ODESSA-CIOTHING INDUSTRY-FINANCI

Experience prompts. P. Zhironkin Sov. 101 g. 40 : 15

#### -MACHINERY INDUSTRY-EQUIPMENT AND SUPPLIES

Using multipurpose attachments with interchanges parts in machinery plants in Odessa, A. 1. M. at. [1]. A. B. Gefter. Tekh, i org. proizy...no, 6230 21. 5, [1].

#### ODESSA UNIVERSITY

IUrzhenko, O.I., Pershyna, Z., and H. Vlazovetyl. [Odessa University is 100 years old] Oden on out of versytetu sto rokiv. Odesa, Vyd-vo Malak, Fa., 99 p. (CU)

#### ODOROUS SUBSTANCES

Flash points of synthetic and natural adorous rel in ... perfumes, colognes, compounds, and around R V Ignatieva and others. Masl. - zhir, pross no. 1.20-32 Ja 467.

#### OFFENSES AGAINST SOCIALIST PROPERTY

- Against those who piffer communal property. GeV  $_{\rm S}$  Regulin. Sets zakon, 38 no 7.16-18 JF [6]
- How the amount of pilfered property determine (4) and of pilfering as a criminal offense. A 1 Smith. Vop pred prest no 1124-118 166. How the letters of workers helped to solve criminal
- offenses K Shaimardanov, Sots, zakon (# 11/1/1/1/ J1 '61
- In the supreme courts of the Union Republica, ' 1. rakon no. 2.91 F '67.
- OFFICE BUILDINGS-DESIGN AND CONSTRUCTION see subdivision under Siberia, Western

## OFFICE EQUIPMENT AND SUPPLIES—EXHIBITIONS International exhibition "Interorgicklantka-66 1 b Borysiuk Lie, hosp., lis., pap i der prose is 41°

- Borysiuk Li 34 Ja-F '67, "Interorgickinika-66." A Band, A Samoshin Virelitorg, 46 po, 11:23-25 466.
- "Interorgickimika-66." Sudostroenie 56 no. 17 fort:
- Inter or gtekhnika-66. V. Gushchin, Sov. torg. in a co 48-51 D 166.
- The new equipment for the mechanization of (t) = (t), and control. Buking uchet—no 12:68-15 D  $^{\prime}$  to  $^{\prime}$

## OFFSET PRINTING

Mikanchikova, E.A., and A.L. Popova. [Technology of offset printing] Tekhnologila ofsetnol pechali, No. 1, Kniga, 1966. 476 p.

## OGANEZOV, GEORGII AIRAPETOVICH

The skipper, A. Mergelova, Gravhd, av. 12 rc. 1 15-51

## OIL BURNERS

- Some results of the tests of burners designed by the No. 4 State Trust for Organization and Different Pers tion of Regional Electric Power Plants, M. 1 bus Energ. 1 ciek. no. 6:17-19 N-D '96.
- OIL FIELD BRINES see subdivision under Apaheron
- OIL FIE LD BRINES—ANALYSIS see subdivision usics Azerbaijan; Lenin Oil Field
- OIL FIELD BRINES—RADIOACTIVE PROPERTIES Using data of natural radioactivity of formation waters; so locating water-oil contact. E. V. Sokolovskii, P. A. Saakov. Noft-khoz. 45 no.1;49-52 Ju *67.

# OIL FIELD FLOODING (see also subdivision under Arlan Oil Field; Romashkino Oil Field)

Calculating the relationship between the amount of oil 

#### OIL FIELD FLOODING (Continued)

- Calculation of flow resistance in line flooding 1, F Kuranov, S.A Kundin Nauch, -tekh, shor po dob nefti ro 8 52-56 '60
- Change in conformance factors for haylike pools in displacing oil by operating agents OK, Obakhov Gool, nefti i gaza 10 no 12 22-24 D 466
- Determining the amount of water injected into a layer, taking into account an error in measuring the gas factor I F 7 Jenukin. Nauch -tekh shor po dob. nefir no. 8 67-69 (60
- Developing oil fields without modutaining pressure in flooting gassy oil A.V. Afanas'eva, M.D. Rozenberg, Nauch -tekh sbor, po dob nefti no 3-41-47 '59
- Displacement of oil-water contact and water encroachnent of circular wells K, N Dzhalilov Dokl AN Azerb SSR 18 no. 5:13-15 :62.
- Diffect of nominifor mity of imperfect for mation reservoirs on oil flooding process and oil recovery M. G. Garipov Neft khoz. 44 no 10,43-48 O '66.
- Pifectiveness of using 5MS-7×10 pumps in multiple pumping stations, M. M. Zhdanov, L. S. Baturina Noft khoz. 41 no 11 47-49 N 166
- Placeling passey oil when some lavers are united in a single filter, given bottom pressure in the lower layer A.A.Bokoerman Nauch -tekh mor po dob, nefti
- I looking viscous oil I. B. Burtney, M. N. Kochetov -tekh abou podob nefti no 3;25-26 159.
- Hadrodynamic colculations of production rates and pressures under oil-flooding conditions, calculation of per meability of phase III. P. Horizov Nauch -tekh-shor-pe dob neft no. J.19-24 159.
- Hapid method of increasing water intake capacity of injection wells. I. G. Ismailov. Neft, khoz. 44 no.10:69 O 166.
- Same features of flooding gamey oil in connection with developing oil fields when the pressure is below the asturation pressure A V Afanasteva Nauch -tekh, slur po dob, acti no 8 40-15 460
- Temperature studies of injection wells. V. B. Martinosian, I. V. Zhurib. New khoz. 45 no 195-58 Ja 67.

#### OIL FIELD FLOODING---MODELS

F spermental atudy of flooding oil formation with bottom water. A. K. Kurbanov, A. A. Lanttina, M. I. Koroli, Neft, khoz. 15. no. 1;16-40. Ja. 467.

#### OILFELDS

- Unsteady flow of reservoir water to wells, P.G. Gasanov, A.K. Kagi smanov, I.V. AN Azerb, SSR, Ser fiz -mat, t tckh nauk no 5 40-50 162,
- OIL FIE LIM-BUILDINGS AND STRUCTURES | see subdivision under Turkmenistan

## OH. FILLIDS—EQUIPMENT AND SUPPLIES (see also sandivision under Ordatonikidze region, Azerb djan)

- Study of electrochemical protection of steel in the siream of a mixture of oil field brines and petroleum, V.F. Negreev, F.R. Sharitov, K.A. Karapetov Trudy Inst, Phin. AN Azzris, SSR 20165-78 464.
- Transduce: of a pulse-time modulated telemetering systern of sweep conversion using a relationship technique. I. A. Nabiev and others. Izv. vys. ucheb. zav., neft' i gaz u na 8 :83 -86 | 66.
- Using polychylene and capron parts in oil field gas compresses stations. M.D. Sokov. Mash. I neft. obor, no. 11:32-33 466.

## OIL INDUSTRIES

- Congratulations on the awards! Masl. ->hir. prom. 32 no. 10:6-19 O '66
- ieth anniver early of the Great October Revolution. Mash. zizi, prom. 32 no. 11:1-3 N '66. Our tanks in 1867. Mash. -zhir, prom. 33 no. 1:1-5 Ja '67.

### OIL INDUSTRIES-BY-PRODUCTS

Studying commercial vat residues of synthetic fatty, acids by means of molecular distillation. A.N. Bodan, B. L. Kostluk. Musl. -zhir, prom. 33 no. 1: 24-25 Ja 167.

## OIL INDUSTRIES-EXHIBITIONS

Conditions and procedure for the 1987 All-Union Exhibi-tion and Review of the Best Specimens of Consumer Goods, Mast. -zhir. prom. 33 no. 1:46-47 Ja 187.

## OIL INDUSTRIES-PERIODICALS

- List of topics of the journal "Masio-phirovala promyshicement" for 1987. Masi -zhir, prom. 32 ng. 10:14-17 O 186.
- OIL INDUSTRIES-TECHNOLOGICAL INNOVATIONS see adultivision under Kuybyshev

## OIL RESCRYOUR ENGINEERING

isco also subdivision under Khayan-Kort Oil Field; Eultangulovskiy region, Orenburg Province; Tatar

Approximative method of calculating the flow of an imper-fect gassy fluid. N. A. Cherepakhin. Chui Min-in. Neuch. -tokh. shor. po dob. nefti no. 3:48-55 [5].

- Calculation of the flow of gessy oil toward the well in a case of given bottom prossure and solution gas drive A. A. Bokserman. Nauch -tekh shor po dobinchi no 3:56-60 '59
- Characteristics of joint water and oil flow toward as imperfect well D. A. Efros. Nauch -tekh abor podab. nefti no 3 11-18 159
- Dependence of permeability of potous media on pressure gradient N V Demin, IÜ P Kishlakov, V 7 Morozova Neft khoz 44 no. 12 36-38 D 466.
  Plocesqing plezometric curves obtained in reacting wells, F.B. Chekaliuk, Neft, khoz 11 no. 12 30-10 D 66
- Steady flow of a single-phase fluid entering into the flow of a gassy fluid IU, P Rocisov, M.D. dozenberg. Nauch -tekh shor po dok nefti no.3,36-10 59
- Study of nonsteady flow toward an imperfect well on stotted models of a layer R.A. Allakhverdieva, A. Kurbanov Nauch -tekh. sbor pa dob nefti no 3.77
- Study of temperature regime in producing well bord during flow of viscoplastic fluids, Z. M. Idzhalov and other Azerb, neft, khoz 45 no 11 30 - 33 N 166
- Using statistical indices in characterizing geological and physical properties of layers E L Leibin tekh abor po deb neftr no 8 29-33 '60
- Working up oil and natural gas fields under anomalously high seam pressures. S. N. Nazarov. Izv. AN Uz SSR. Ser. tekh nauk 10 no 6 00-64 168.

#### OIL RESERVOIR ENGINEERING-GRAPHIC METHODS

Constructing graphs of the distribution of geological and physical properties of layers IU P Borisov, E L Leibin Nauch, tekh shor po dob nefti no 8 24-28

#### OIL SANDS-FLUID DYNAMES

Determining leakage through interlayer in elastic drive M. B. Dobkina. Izv. vys.ucheb. znv., neft'i gaz 0 no 8:69-72 '66.

#### OIL SANDS-PERMEABILITY

- Dependence of permeability of potous media on pressure gradient N.V. Demin, IU P Kisliakov, V T Morozova Neft, khoz., 41 no 12 36-38 D 166.
- Possibility of using permeability, determined by the resistance method, in solving practical problems of developing oil pools. L. P. Dolina, E. L. Leibin. Nauch tekh shor po dob nofit no 8 34-39 400.
- OIL SHALES see subdivision under Estonia

#### OIL WELL CASING

- Additional outer pressure on casing string during temperature changes in well, A. L. Baimurraev and others Neft, khoz. 44 no 11 21-23 N '66
- An tightness of the added joints of easing V. I. St. Izhak. Z. I. Fedoronko. Noft khoz. 45 no. 1;33-36. Ja '67. Effectiveness of using standard rubber safety itings for protecting well casings in deep drilling. L. B. Izmailov. I. A. Karnaukhov. M. L. Kisel'man. Neft khoz. 14
- no 10:24-27 O '66.
- Izmailov, L. B. [Study and calculation of cemented portion of casing column] Issledovanie i raschet zateementi ovannoi chasti obsadnykh kolona. Moskva,
- Nedra, 1996, 166 p.
  Lowering eight-inch column with UMK-3 tongs. F. Sychev.
  Neftianlk II no. 9-30 S 166.
- Rock pressure on easing columns IU. A. Pesliak, K. V. Ruppeneit, Nauch, -tekh sbor po dob nefti no. 8 3-8
- Simplified formula for determining torque when screwing collars on casings  $-\mathbf{Z}_*\mathbf{1},\Gamma$ edorenko. Neft khoz -44 no. 11·10·20 N *66.
- Thermoelastoplastic stresses in easing and cement sheathing of producing wells. T. B. MalachiPhanov. G. A. Mataev. I. Padva. Izv.vys.ucheb.zav., noft i gaz 0 no.8;38~10 466.

## OIL WELL CASING-TESTING

Securing her metic scaling of threaded joints of casing, S. N. Udianskii, Mash, i neft, chor, no. 11:27-28 '66.

## OIL WELL CEMENTING

- (see also subdivision under Bashkiria)
- Comenting deep wells through annular space. E.K. Machinekli and others. Neft, khoz. 44 no. 12 30-32 D '88.
- Device for measuring thickening of plugging slurries at high pressures and temperatures. V.S. Bozhenov. Mash, I neft, clor. no. 11:15-18 '66. Effect of buffer fluids and column reciprocation on the quality of oil well cementing. A.I. Bulatov and others. Neft, khoz. 44 no. 12:25-28 D '66.
- Estimation of flow properties of plugging materials M.S. Vinarskii, N.I. Titkov. Neft khoz 44 no 11:26-29 N 166.
- Experience in casing off wells with reverse comenting.
  A. I. Bulatov and others Neft knoz 44 no. 11:23-26 N
- Izmatlov, L.B. [Sludy and calculation of cemented portion of casing column] Issiedovante i raschet zatesmentirovannoi chasti obsndnykh koloma. Moskva, Nedra, 1986. 168 p.

- Low vater loss shuries with polyacrylamide additions T. R. Khasanov, Sh. M. Rakhimbaev Nert. Phoz. 41 no 10,31-33 O '66
- Simplified method to calculate turbulence of ascending flow of slurry in oil and gas "ell comenting. R. Sh Rakhimkulov Neft khoz 44 no 10:27-31 O *66

#### OIL WELL COMPLETION

(see also subdivision under Carpublan Mountain

- Actual deformation of sealing element of packer when using of formation testers G D SuPhonosov. Neft khoz. 41 no.12 23-24 D 166.

  Failures and their elimination in operating formation testers 10.V Vade spin, B 1 Okunt. Neft khoz. 4 no. 12 20-23 D 166

#### OIL WELL DRILLING

(see also subdivision under Al'mat'yevsk region, Tatai A.S.S.R., Azerbaijan; Chechen-Ingush A.S.S.R., Dutepei-Donets Lowland, Dollna Oif Field, Kubun; Peschanyy Island Oil Field, Tatar A.S.S.R.; Ukraine)

- Effect of round trip speed on optimum parameters of dialling regimes IA 1 Gel'igat Neft khoz 41 no. 12 10-15 D '66
- Cifectiveness of using standard rubber safety rings for protecting well casings in deep drilling. L. B. Izmailov. L. A. Kainaukhov. M. L. Kisel'man Neft khoz 44
- Estimating the moelastic stresses of rocks in walls of uncased holes. M. G. Aliev and others Neft khoz 44 no 10:11-15 O '66
- Investigating characteristics of direct-action percussion tool while operating in vell V. G IAsov. Mash unoft obor no 12 13-17 466
- investigating effect of interaction forces on sticking of dtilling string N, M Sherstnev, A, A, Grigorian Neft, khoz 44 no.10:20-23 O 165.
- Methods of locating thief zone and water seepage during well drilling with clay mud in rase of increased buttom temperatures. E A 1 cbedev and others. Azerb, neft khoz 45 no 11 28-29 N 168
- Possible rapid methods for determining drillability of seedimentary rocks in relation to their occur rence depth C.I.Stetlukha Izv.vys uchob zav , neft'i gaz 9 no 8: 27-29 '66
- Preliminary results of and prospects for using diamond bits in cil and gas drilling A A.Asak-Nuri, P.A Palii, G S. Gevorkov. Neft khoz 44 no 11 11-15 N 166.

  Preventing deviation of wellsNeft. i gaz. prom. no 6:14-17 N-D 166.
- Prombility of breakdowns of pipes in various intervals of drilling column A.F Ozerenko. Neft khoz 45 no.1:36-39 Ja 167
- Programming turbodrilling regime V. G. Belikov. M M. Aleksandiov Izv vys.ucheb zav., neft'i gaz 9 no 8.
- Role of dynamics coefficient in calculation of drilling equipment elements. K. I. Arkhipov Neff. khoz 44 no. 10 18-20 O 166.
- No. 1018-29 O '66. Some causes of diamond bit freering. V. S. Ovcharenko and others Neft, khoz i4 no 12 62-65 D '66. Studying regularities in deep drilling. A N. Adamov Neft, khoz 44 no 12 7-8 D '66

## OIL WELL DRILLING-COLD WEATHER CONDITIONS

- Warming of preventer in winter under conditions of low temperatures, V I Barsukov Mash rack obor no 12 27-28 '66
- OIL WELL DRILLING-COSTS see subdivision under

## OIL WELL DRILLING-EQUIPMENT AND SUPPLIES

Experimental determination of static discharge charac-teristics of valve couple of 1 etroacting by 11 aulic percussion drill I.N. Bulanovskii. Izv.vys ucheb.zav., neft i gaz 8 no.8:57-61 '66.

## OIL WELL DRILLING-FINANCE

- Problem of payment for fixed assets in drilling offices, as a topic for discussion MM Samikhov. Neft knoz. 44 no 12 1-3 D '65
- OIL WELL DRILLING—LABOR PRODUCTIVITY see subdivision under Bashkirta

## OIL WELL DRILLING—SAFETY APPLIANCES

New construction of external releasing pipe grabs. R.N. Muscaliants. M.A.Rastorguev. Bezop truda v prom. 11 no.1;56-57 Ja '67

## OIL WELL DRILLING—SAFETY MEASURES

Experience in mechanized and safe proparation of clay moutar. G. K. Astat'ev. O. G. Pogrebnoi. Bezop.truda v prom. 11 no.1;36 Ja '67.

# OIL WELL DRILLING, ELECTRIC—EQUIPMENT AND

- SUPPLIES
  Device for determining breakdown point in insulation of cut rent supply to electric drill during feed on the scheme of two wires and pipe. A. F. Petrunin, Mash, i neft, obor, no, 11:30-31 '66.
  Improving design of stuffing box packing of electric drills. E. M. IUrchak, P. IA. Zel'tser, Mash, i neft, obor, no, 11:18-20 '66.

#### OIL WELL DRILLING FLUIDS

Electrochemical separation of iodine in the high-speed flor of diffling fluids S.P. Tevosov, M. Gasam Trudy Inst. Phim AN Azerb, SSR 20161-168 64. M. Gasanova.

#### OIL WELL DRILLING FLUIDS-ANALYSIS

Experiment of applying mud logging for the investigation of combustible gases and bitumens in the Khibiny intuitive massif i.E. Petersile and others. Geokhimia no 10 855-868 161

#### OIL WELL DRILLING RIGS

(sce also subdivision under Tatar A.S.S.R.) Experience in using completely mechanized dislling rigs S M Dandlants, V, V Fumberg, N S, Gadzhiev Neft khoz 44 no. 12 58-61 D 166

New drilling rigs from "Barrikady" plant G B Karape tian and others Neft hoza 45 no 1:18-27 Ja 187.

Problem of effectiveness in transition to efficient parameters of hoisting system of drilling rig. k. N. Kulizade, B. I. Motsokhein. Mach., incl., chor. no. 12.20-22. [65]
Problem of payment for fived assets in drilling offices; as a topic for discussion. M. M. Samikhov. Neft khoz. 41, no., 12.1-3. D. [66]

#### OIL WELL DRILLING RIGS-DYNAMICS

Role of dynamics coefficient in calculation of drilling equipment elements. K. I. Arkhipov Neft. khoz. 44 no 10:18-20 O '66

#### OIL WELL DRILLING RIGS-TRANSPORTATION

loads acting on bases of units in hailing of dialling rigs S G Shiypnik, V I Mishchevich Mash i neft oboi no 12:10-13 '56

Moving derricks on special transportation blocks, P. Deni-sov, Neftianik II no. 8 28-28 Ag 466

#### OIL WELL LOGGING see subdivision under Khibiny Mountains

# OIL WE LL LOGGING, ELECTRIC (see also subdivision under Lelyaki Oil Field)

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#### OIL WELL LOGGING, RADIATION

Determining initial oil-water contact by radiometry and laterlog. S. A. Sultanov, V. G. Safin, V. I. Azamatov Neft khoz 44 no 10-40-43 O '86

#### OIL WE LL PUMPS

Device for loosening cranks of U8-3 mud pumps.
A Galimov, N. Ponikarova, Neftianik il no 9 31 S

Indicator for controlling work of piston pump valves, R. Minets. Mash. r neft, obor. no 11:29-30 '66.

R. Almers, Mash, their, 600; no high-side and seats of mud pump valves. N. A. Prokhorov, G. M. Sorokin. Izv., vys ucheb zav ; neft'i gaz 9 no.8:27-29 '66.
I ocking and distribution device for mud pump manifold, A. Galimov Neftianib 11 no 8:32 Ag '66
Study of wear of mud pump valves A A Kiazimov.

Azerb. neft khoz, 45 no. il 45-46 N 166.

## OIL WELL PUMPS-ELECTRIC DRIVING

Calculating and testing sheave with ferropowder ShM-600 clutch for synchronous drive of mud pump. I.N. Sulkhanishvili. Mash, i neft, obor, no. 11-3-7 '56.

Experimental determination of axial strength acting on shafts of electric centrifugal pump. N. F. Ivanobskii. Mash.i neft.obor. no.11 11-15 '66.

Experimental study of gear performance of electric cen-trifugal pump in pumping viscous gos-liquid mixtures. I. M. Muray'ev. I. T. Mishchenko. Neft. khoz. 44 no.10; 51-54 O '66.

Testing 8MS-7×10 centrifugal pump in pumping paraffinbase high-viscosity petroleums, S. A. Abdurashitov and others, Mash. 1 neft, cbor, no. Il 20-22 '66.

#### IL WELL PUMPS-HYDRAULIC DRIVING (see also subdivision under Tatar A.S.S.R.)

Effect of flow rate-ratio pressure of operating fluids on efficiency of hydraulic pumping units, I 1, Rosin, A R, Kaplan, Neft khoz 44 no 1144-46 N 166

### IL WELLS-ACIDIZATION

Estimating corrosion of underground equipment of wells, E. M. Tosunov, P. I. Kulakov, IA G. Spichakov, Neft, khoz. 44 no. 11-41-44 N '66.

Results of experimental study of carbonate dissolving in acid foam. V.S. Ugolev. Neft. khoz. 44 no. 11:49-52

IL WELLS-AR-GAS LIFT see subdivision under Komi

### IL WELLS-COMMUNICATION SYSTEMS

Problems of engineering calculation and designing of electric communication channel in drill pipes. O. P. Shishkin Izv.vys.ucheb.zav., neft' i gaz 9 no. 8:77-81 '66.

## IL WE LIS-EQUIPMENT AND SUPPLIES

B-23 hydraulic packer. N. I. Sukhenko, V. I. Krylov, G. S. Abdrakhmanov. Mash, i neft, cbor. no. 11;22-24

Estimating corrosion of underground equipment of wells E.M. Tosunov, P. I. Kulskov, IA. G. Spichakov Neft khoz. 44 no. 11.41-44. N. 166. Fliter A. V. Sapunovi's school of innovator's work methods, I. Senchesko, Neftianik 11 no. 9.11-13. S. 168.

Impact testing of glared tubing A, G Kan, E, L, Boche nov Izv vys ucheb.zav.; neft'i gaz 0 no 8:90-94 '66.

Some designs of circulation valves used in schalate and simultaneous exploitation of layers. V. A. Safin, P. I. IAstrebov, A. M. Giliazov. Mash, i neft, obol. no. 11:

Stand for running tubing together with cable for electric subsurface pump. I femalloy, A. Agadzhanova Nefitanik II no. 9 30-31 S '66.

Using the flow production method in concurrent separate exploitation of tv o petroleum layers in a single well Neuch-tekh snor. po dob. nett. no. 3,84-90 59.

PNM-UINII packer G A, Sitdykov, R G, Valhamov, V, N Poliakov Mash i neft, obor. no. 12 3-1 166.

#### OIL WELLS-FLUID DYNAMICS

Effect of flow speed on phase changes in well I. M. Murav'ev. G Z Ibragimov Izv.vys.ucheb 77v., neft' igaz 9 no 8:31-35 '66

#### OIL WELLS-HYDRAULIC FRACTURING (see also subdivision under Krasnodar Territory)

Fluid flow in a layer in the process of filling circular horizontal fractures with grapular material E.V. Teslink Nauch -tekh shor po dob nefti no 8 57-60

#### OIL WELLS-MEASUREMENT

Some features of thermal studies in wells. G. G. Poliakov. Ivv.vys.ucheb.zav , neft i gaz 9 no 0:6-8 '66

OIL WELLS-SAFETY MEASURES see subdivision under Yarega region (Komi A.S.S.R.)

#### OILS AND FATS

Determination of the selectivity index in fat hydrogenation. A L. Markman, A. I. Glushenkova, G. A Preobrazhenskaia Masl. -zhir. prom. 33 no. 1:10-18 Ja 167

Extraction of oil from the flowers of Spattium junctum L. N.L. Gurvich, Z.L. Abisova, Masl. -zhir prom 33 no. 1 27-29 Ja '67.

Studying the fats market. B.Gogol'. Sov.torg, 40 no.2;26-29 F '67.

Use of acetone in simultaneous extraction of vegetable oils, V V Beloborodov, E.F. Bukhtareva, Masi-zhu. prom. 32 no. 10 20-23 O 166,

Use of jubricating and machine oil for the refractometric determining of fat in concentrates O. I. Babicheva, V S Grzhivo, N. F Krokkina, Kons i ov prom 17 no. 3 13-35 Mr 162

### OUS AND FATS-LABELING

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### OILS AND FATS, EDIBLE

Effect of high-fat diet on lipolytic tissue activity A A, Poktovskii, R. A Pilenitsyna Vop pit 25 no 6 38-44 N-D 186.

### OILSEED INDUSTRY-EQUIPMENT AND SUPPLIES

Changes in the moisture of the pressed material in acrew presses A, M Goldovskii, M, G, Zaitseva, Masl. -7hir, prom 32 no 11 11-13 N 466

## OHSEED INDUSTRY-SAFETY MEASURES

Safety measures at the Gheorghiu-Dej Oil Extraction Plant V. G. Pavlov, I P. IAkovenko Maal, -7htt prom. 32 no. 11 43-44 N 166.

OILSEED PLANTS see subdivision under Turkmenistan

## OKHOTSK, SEA OF—EARED SEALS

Steller's sea lion attacks a ship. A.S Nikolaev. Vop. geog. Kameh. no. 4:136 '66.

### OKHOTSK, SEA OF-HALBUT

Some data on biology of Reinhardtius hippoglossoides matsuurc(J, etSn.) in Sea of Okhotsk. V.P. Shuntov. Trudy VNIRO 60:271-279 '66,

### OKHOTSK, SEA OF-MARINE FAUNA

[Explorations of the Far Eastern seas of the U.S.S.R.] Issledovanile dal'nevostochnykh morei SSSR. Lenin-grad, Izd-vo Akad. nauk SSSR, 1941-1962. 8 v. (OrCS)

## OKUMI VALLEY-GEOLOGY, STRUCTURAL

Tectonies of contact zone of folding system of southern slope of Greater Caucasus and Georgian block (Okumi and Duabi interfluve). I. P. Gamkrelidze Soob. AN Gruz. SSR 44 no. 3;643-649 D '96.

## OLD-AGE PENSIONS

Correspondence with readers. Agitator 34 no. 4:68 F

OLD BELIEVERS see subdivision under Karelia

#### O LEANDOMYC IN

Results of clinical use of cleandomycin (for intraven - a administration) E. A. Goverovich and others. Autibiotiki 12 no 173-76 Ja (6/

Calculation of energy levels of some aminority coleffus by Pople method A. F. Terragova. Teoret. leksper-khim 2 no. 5 604 608 5-O 66

Determination of antioxidants in polyolefins by actretted extraction. S. Juskeviciute, RUA, Shilapnikov, 19331 massy no. 1 54-55 167.

Dimerization of olefins under the effect of cainlyic by atems based on alkyl aluminum halides and niele) units V.Sh Fel'dblium, N.V. Obeshchalova, A.I Leshels V., Dokl. AN SSSR 172 no kill-ll3 Ja '67.

Effect of composition on activity of bismuth-molybdimum catalysts in mild oxidation reactions of oleffus. M.S. Beleu'kli and others. Lev vys ucheb yov ; neft' I gaz

New reaction of tetranitiomethane. K. V. Aftukbo. and others. Izv. AN SSSR, Set. khim. no. 1 197-199 Jg. 1577.

5 -Phenylperfluoroolefins and Θ-phenylperfluoroalkam In acids, I L. Kaumiants, V V Shokina - Lev AM SSSR, Ser, khim. no 1974-29. Ja 167

Obtaining higher mono-olefin hydrocarbons by the mal-cracking of solid paraffins D. V. Lebedev, I. J. R. v. in. Neft. i grz. prom. no. 5:43-15 S-O 166.

Oxidation Finetics of lower oleffins by paliadium clife; life in aqueous solutions. L.I. Molseev and others. Doff AN SSSR 171 no. 6:1365-1368 D '66.

#### OLEKMA VALLEY-ALGAE, FOSSIL

New species of Pre-Cambrian algae in Olekma harda. P. N. Kolosov – Dokl. AN SSSR 171 по. 1 878-940 — D. 147

# OLENOGORSK REGION (MURMANSK PROVINCE)-F11) -TATION-EQUIPMENT AND SUPPLIES

Certain factors of flotation settling with hutch feeding of dissiper sed air. I. N. Plaksin, 5, S. Shukhmatos, Izv. vys. ucheb. zav. , gov. zhm. 6 no. 0-109 174 465

#### OLEGRESINS

Through the efforts of the collective. A.V Mezentaev. Gidroliz, i leackhim, prom 15 no. 5-22 My 452

#### OLIVE-PRESERVATION

Production of pickled olives and processing of brewn alives V V Maloian. Kons. Lav. prom., 21 no 111 19

### O L'KHON ISLAND---DESCRIPTION AND TRAVEL

Ol'khon leland N 1 Litvinov. Prinada no #401-405 Ja 167.

# OMSK-CHEMICAL PLANTS-DESIGN AND CONSTRUCT

Industrial methods of assembly. V.Strorozhetko, 3, a stroi, Ros. 4 no. 8-2 i-2 i Ag 163

## OMSK-FLOUR MILLS

At the Omsk Milling Combine, S. Pantiukhin, Muk. -ele-prom 33 no.1:9 Ja '67,

#### OMSK-PETROCHEMICAL PLANTS-DESIGN AND COH-STRUCTION

To work more quickly and better, Victor Sandulenko. Na strei. Ron. 4 no. 8:9 Ag *63.

## OMSK—SOCIAL SCIENCES—CONGRESSES

Omskil institut inshenerov shelesnodoroshnogo transporta [Materials of the scientific conference of the depart-ments of social sciences of the institutes of Omsk] Materialy nauchnoi konferentsii kafedr obshekestvennykh nauk institutov g. Omska. [Omsk.] Zapadno-Sibirskoo knizhnoo izd-vo, 1965. 385 p

## OMSK-WHEAT-CLEANING

Removal of wild oats and amail impurities from feed wheat at the Kirov-Omsk Milling Combine, V. Kura sov. Muk. -elev prom 26 no. 4 25 Ap 460.

## OMSK PROVINCE—CORN (MAIZE)

Corn as a stubble crop in Siberia. B. I Gerasenkuz, V. P. Ragozina. Zemtedetie 8 no. 4:81-83 Ap 100.

## OMSK PROVINCE-RURAL CONSTRUCTION-MANAGE -

Highly prefabricated elements, plus the assembly lira-method. L. Ballmont. Nar khoz. Kazakh. 24 no 12 1-1 64 D '66.

## ONEGA, LAKE-TEMPERATURE

Some results of studying the temperature conditions of Lake Onega, A. I. Tikhomirov, 17v, Vsec, geog. ob v. a 98 no. 6:513-526 N-D '66,

## ONIONS-DISEASES AND PESTS

Biology of onion fly in conditions of White Russia. 14. 21. Kharchanka. Vestsi AN BSSR, Ser. sel'hanp nav. no 4. 49-53 '66.

#### CHIONS-VARIETIES

Some problems in the blochemistry of the onton. Z. N. Brindseve, V. A. Valuti GGU no. 50:119-125 '59. V. A. Valutina, F. K. Fuzina, Uch. zap.

#### ONON VALLEY-STEPPES

Central Agion type of stepped in the south of Bastern Stheria, N.S. Latypoe, Izv. Uzb. fil. Goog. ob-va 9:73-17 lib.

#### ONTOGENY

- Changes in the action potentials of the cervical sympathe-tic trank and superior cervical sympathetic ganglion of guinea pigs in ontogeny MA Elabina. Blul.ckap hiol 1 med. 63 no 17-10 Ja 67
- the phophysiological correlations of evoked potential of the sensor imotor context in oblide during the process of posted if oldogeny. F. Ala-Maradova, I Chernyshev. - kkin. Firiol zhur. 52 no.12-bilo-i419 D '66.
- Myelinization of preganglionic fibers of cervical sympatetic trunks in rabbits in postnatal ontogeny A. G. Kulandseva Blul, eksp. biol 1 med. 63 no 1:03-96

#### ONTOGENY (BOTANY)-CONGRESSES

All-Union symposium on ontogeny of higher plants. V.O. Kazarian Hiot. zim: Arm 18 no. 12:104-106 D 466.

- Changes in the number of cocytes in a transplanted overy. M.7, Sergienko Biul ekap.biol i med. 63 no.1:68-71 Ju | 67
- Instalogical characteristics of cogenesis in Echidocohaga och mini Wogn. (Palicidae, Apheniptera) V.S. Vash-chensk Zool zhar 45 no 12:1815-1925 '66.

#### GPI N-HEARTH FURNACES

Similying possibility of using sour mazut for open-hearth furnaces 17. A Kagan Nefteper, i neftekhim, no. 8 16-21 '66.

#### OPEN-REARTH FURNACES-COMBUSTION

Controlling the flame in open-hearth furnaces heated by high cotorie furt, V. G. Antipin, K. A. Zuta, M. G. Kozha-nov. Staff. 22, no 5 167-440, My 462,

# OFF N-HEARTH FURNACES-DESIGN AND CONSTRUC-

Automatic control of the fuel feed in an open-health fur-nact, V. B. Modylevskii, Staf 21 no. 11,1040-1041 N 104.

#### OPEN-HEARTH FURNACES-HEATING AND VENTILA-TION

Full-scale examination of the ventilation of open-hearth of the sad wolling mills of the Ni/hnly Tagit Metallingi-cal Combine A, L, Altynova, V, N Talley Shot, trud NIST 100, 13-3-19-162,

## OPIN-HEARTH FURNACES-MAINTENANCE AND

- If a log and blanking operations for demolishing refractory bill kwork and slag in repairing open-hearth for naces. P. P. Dul Usev Vriyv, delo no. 61/01:205-212 66.
- torming a layer of loose magnetic powder on open-hearth furnate bottoms, A.S.Fredenberg, Ogneupory 31 no.12:16-19 D 66.

## OPEN-HEARTH PROCESS

- Form (tion and removal of oxide inclusions during the tapping, posting and crystallization of low-carbon steet V.I Donokhov and others Izy AN SSSR Met no. 1:31-41 Jn-1 *67.
- Production of semikilled sheet steel. I. C. Kazantsev and others. Stat! 21 no. 10:079-981 N 161
- Straight exidation of impurities in the open-hearth fur-nace both by orygen during the melting period. V. F. Botatenkov and others. Stall 22 no.5:412-415 My 162

## OPEN-HILARTH PROCESS-EQUIPMENT AND SUPPLIES

Kichaev, P. M., and G. A. Dubrovin, [Wolded steel-pouring Indices; design and construction] Syarnye sta-lorazlivochnye kovshi; konstruktsiin i raschet. Mo-sken, Mushimostroenio, 1966, 65 p.

## GPERA-DRAMATURGY

Chudnovskii, M.A. [A director produces an opera; the cicalive path of B.A. Pokrovskii, people's artist of the U.S.S.R.] Rezhissor stavit operu; tvorcheskii put' nrodnogo artista SSSR B.A. Pokrovskogo, Moskva, Iskusstvo, 1967. 214 p.

## OPERATIONAL CALCULUS see Calculus, Operational OPERATIONS, SURGICAL

- Effect of hypothermia on some indices of the metabolism in operations with artificial blood circulation. A.V. Pogosova, IU. E. Babakaia, T. A. Borjaova, Grud. khir. u no. 1;58-62 Ja-F '67.
- Pffect of operative and postoperative abook on renal function in tuber culosis following resection of lungs. O. G. Bunin. Grudahir. 9 no.1:01-06 Ja-F '67. Evaluation and selection of methods of determining surgical hemographes. E. M. Levite, L. N. Bogdanova, Sov. med. 30 no.1:54-58 Ja '67.

- Fi agmentary thor acoplasty G. M. Kagalovskii, M. I. Medvedeva, A. G. Sidorenko, Grud Phir., 9, no. 179-82 JanF 167
- Late results of partial resections in pulmonar, cancer, I. A. Maksimov Gaud khin 9 no. 1,82-86 Ja-F '67
- Late results of surgical treatment of bronchectasis in adolescents S. A. Gadzhiev, N. A. Glantsberg, H. V. Sokolov Grud, khir. 9 no 1:72-76 Ja-F '67
- Surgical treatment of suppuration of the sternum in longitudinal sternotomy. B V. Shabalkin, L. P Cherepenin Grud khir. 9 no.1:55-58 Ja-F '67
- Use of bronchoper icardial fascia for reinforcing the bronchial stump. V.I Struchkov. L. M. Nedvetskaja. Grud Phin 0 no 1:59-72 Ja-F '67.

#### OPERATIONS RESEARCH

Trigubenko, V. V. [What is operations research?] Chto takee issledovante operateli Moskva, Ekonomika, 1986. 60 ρ. (Bibliotechka khoziaistvennogo rukovoditeila) Vasil'ev, V.V., A.N. Klepikova, and A. G. Timoshenko

[Solution of problems in optimal planning using analog
computers] Reshenie zadach optimal 'nogo planurovanna na elektronnykh modellakh Kiev, Naukova dumba, 1966

## OPERATIVE GYNECOLOGY see Gynecology, Operative

OPERATIVE SURGERY see Surgery, Operative

#### OPERATORS (MATHEMATICS)

- Condition of absence of weak lacunae in a certain hyperbolic equation. A.B. Mitel'man Vest. Mosk.un Ser 1, Mat, mekh. 21 no.6,28-33 N-D '66.
- Constructing linear operators in correlation scheme of geological interpretation of gravity and magnetic anomalies G i, Karataev, A V, Chernyr, IU M, Gusev I/v AN SSSR Fiz. zem. no 12 28-36 '86
- Criterion of the unicellularity of dissipative Volteria operators with nuclear imaginary components, M.S. Brodskii, G.E. Kisilcvskii Izv AN SSSR, Ser, mat no. 6/1213-1228 | 166.
- Degenerate algebras of operators in Pontriagin's Hyspaces. M A. Narmark Ley AN SSSR Ser mat по. 6 1229-1256 16ь.
- Diliptic (co-) boundary morphisms B IU. Sternin Dokl. AN 555R 172 no 144-47 Ja '67
- A generalization of projection methods. N L Pol'skii. Dokl, AN SSSR 167 no. 2 290-293 Mr 166.
- A generalization of the power problem of moments.

  ID M Hertzanskii. Doki AN SSSR 172 no 3:514-517
  Ju 167.
  The non-self-adjoint Schrödinger operator. B, S, Pavlov.
  Probl. mat. fiz no 1:102-133 '66.
- One-parameter families of expansions of a symmetrical
- operator. A. V Shtraus. Izv. AN SSSR Ser. mat. 30 no. 6:1325-1352 166.
- Pseudodifferential operators of the main type IU. 1 Fgorov Dokt, AN SSSR 171 no 4 778-780 IJ 166.
- Some applications of the theory of normally soluble operators to differential constions of infinite order. IU. F. Korobeimk, Mat shor, 72 no. 1:3-37 Ja 167,
- Some classes of perturbing operators for strongly continuous semigroups V, V, Kucherenko. Vest Mosk.un. Ser. 1, Mat., mokh. 21 no-63-11 N-D '66. Trace formulae and some asymptotic estimates of the nucleus of the resolvent for Schrödinger's aperator in three-dimensional space V, S, Buslaev, P, obl., mat. fiz., no.1 62-101 '66.
- Ti ace of the difference between two high-order or durary differential operators, V. A. Sadovnichii Dif. urav. 2 no. 12:1611-1624 D *66

OPERETTA—ANALYSIS, APPRECIATION
Zhukova, L.L. [Art of operetta] Iskusetvo Operetty.
Moskva, Znanic, 1967, 76 p. (Narodnyl universitetFakultet literatury i iskusstva, no.i)

## OPHTHALMOSCOPE

Adapting an ophthalmological illum instor for microoperations of the ear. L.I.Kal'shtein. Zhur.ush., nos t gorl bol. 18 no. 4 78-70 Jl-Ag '59.

## OPHTHALMOSCOPY

Orbithalmoscopic and campimetric data in the evaluation of the activity of I heumatic process B.N. Alekseev, G.B. Tupikin. Sov. med 29 no. 10 31-36 G 166.

## OPTIC LOBES-ENNERVATION

Neuronal composition and interneuronal connections of posterior corpus bigeminum in bats. L. I. Sukhovskaia. Arkh. anat. .gist. i embr. 51 no. 12-33-38 D '66.

## OPTIC NERVE

- Neuronal composition and interneuronal connections of visual cortex in swine. A.S. Kozhanov. Arkh. anat., glst. i embr. 51 no. 12:38-45 D 166.
- Role of cortical and thatamic levels in the formation of recovery cycles of evoked potentials in the visual zone of the cerebral cortex A. IA. Supp. Fiziol, zhur, 52 no. 11-1297-1304 N 166.

#### OPTIC THALAMUS

Micromo: phological changes in optic thalamus miclel following brain tumor N G. Gamtsemlidze Soob. AN Gruz. 53R 44 no 2:469-176 N 166.

OPTICAL GLASS see Glass, Ontical

#### OPTICAL INSTRUMENTS

- Evaluation of the hardness of optical contings. V.N. Rozhdestvenskii. Opt -mekh prom 33 no 12 54-56 D 166
- Manufacture of optical parts vith asperical surfaces using an elastic instrument O.G. Karlin, V G Kulss. Opt -mekh. prom. 33 no. 12 57-61 D 16
- Restoration of image from hologram in nonmonochromatic light G I kosourov, L N. Kalinkina, M. P Golovei Pist. v red Zhur eksper i teoret, fiz 4 no 3 84-86 Ag 466.
- Space-time separation of light pulses by means of semu-transparent mirrors IU 1. Ostrovskii. Opt, i spektr 21 no. 5 620-624 N 166.

#### OPTICAL MEASUREMENTS

Calculating mirror-lens systems from third-order aberration formulas D.A.Romanov Izv vys ucheb zav .geod i aerof no 6 123-129 '62,

Use of optical systems and the holography method in the restitution of directivity diagrams of superhigh-frequency antenna from field measurements in the Fresnel zonc. L.D.Bakhiakh, A.P.Kurochkin, Dol-I.AN SSSR 171 no 6-1309-1312 D '66

#### OPTICS, GEOMETRICAL

Analytical study of the scanning trajectory of the optical image and the classification of scannings. IU V Liubitnov, Opt.-mekh prom. 33 no. 12 1-6 D ¹66.

#### OPTICS, PHYSICAL

Characteristics of difference frequency generation on basis on nonlinear optical effects, V. L. Strizhevskii, Zhur. priki spekt. 5 no 5685-687 N '56

## ORBIT (EYE)

Changes in orbital floor caused by diabetes mellitus. V. P. Leidshvili, E. A. Chkoniia. Soob. AN Gruz. SSR 44 no. 3,803-810 D '66.

#### ORDZHONIKIDZE-GLASSWORKERS-DISEASES AND HYGIENE

Goncharenko, V.P. [Industrial safety in work areas, control, comprehensive plans, public inspections]
Okhi ana tiuda na rabochikh mestakh, kontrol', kompleksnye plany, obshchestveniye smotry. [Moskva]
Profladat, 1866, 45 p. (Bibliotechka profsoluznogo aktivista, no.35(155))

#### ORDZHONIKIDZE REGION (AZERBALIAN)-CORROSION AND ANTI-CORROSIVES

Col rosion of underground equipment of wells in fields of "Ordzhonikidzeneft" Trust, O K Ovchian Azerb neft khoz, 45 no 11:43-44 N 166

#### ORDZHONIKIDZE REGION (AZERBAUAN)-GIL FIELDS... EQUIPMENT AND SUPPLIES

Corrusion of underground equipment of wells in fields of "Ordzhonikidzeneft" Trust O. K. Ovchian. Azerb neit khoz 45 no. II 43-44 N 166

## ORE DEPOSITS

E DEPOSITS (see also subdivision under Aliai Mountains; Bug Valley; Dzhelygara Distriot; Dzungarian Alaitau; Gissar Range; Karamazar Mountains; Kazakhstan; Kuznetsk Alaiau; Orulgan' Range; Swedon; Uz-Dektatan)

Characteristics of the petrography of ore deposit areas, A. IA, Bulynnikov. Trudy TGU 164:86-95 '63. Regional problems of volcanic plutonic formations and their ore potential. E K. Ustrev. Izv AN SSSR, Surgeol, no 1130-134 Ja '67

Selecting an economically advantageous variant of deposit stripping in open-pit mining A. T Shelest and others, Izv. vys, ucheb zav., gor. zhur. 8 no. 9 18-22 185.

## ORE DRESSING

(see also subdivision under Krivoy Rog Basin) code also additions that a firty neg bassify Coking of cost and ore briqueta as a method of pelletizing and chemical preparation of ores for blast furnace smelting V E Matteev, D M Lish. Trudy Khim. -met. inst. Sib. otd. AN SSSR no 16 105-113 [6].

Methods of determining volume weight of iron concen trate at the DOF retreatment plant storage area. P. P. Bastan, A. N. Ivchenko. Izv.vys.ucheb.zav.; gor zhur. B no 10:47-51 65.

Planning of ore dressing plants and stage treatment processes. M. M. Poliskov. TSvet. met. 33 no. 3 4-9 Mr 160.

Practices for the preparation of high-purity molybdenite, V.A. Skolov, V.A. Kuleshov. TSvet. met. 33 no. 3* 1-4 Mr. 160.

#### ORE DRESSING-EQUIPMENT AND SUPPLIES

Systems of automatic control of communition processes, Satisfying various requirements of one dressing I V Plaksin Z V Uteush Izv ..s ucheb z w ., gor zhui 8 no 10 135-137 %5

Vertical vibiating conveyor-lifts V K, Dijachkov TSvet, met 33 no. 3 15-19 Mr 160

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ORE DRESSING PLANTS-EQUIPMENT AND SUPPLIES see subdivision under Krivoy Rog Basin

#### ORE HAND LING-EQUIPMENT AND SUPPLIES

UP-3 loader Shakht stio: 5 no.11 3 of cover N '61.

# ORE L-APARTMENT HOUSES-DESIGN AND CON-

Galvanization at the building site  $\,$  G Grupkov  $\,$  Na strol. Ros. 1 no 8 30 Ag 163

#### GREL-HISTORY

[The city of Orel is 400 years old] Gorodu Orlu 400 let. Tula, Priorskoe Fnizhnoe izd-vo, 1966 154 p

## ORE L-INDUSTRIAL MANAGEMENT

A study group for organizers of party groups. Part, zhizni no 4 61 F * 67

#### OREL-TUBERCULOSIS-DIAGNOSIS

Tracheobi onchoscopic examination of patients in Orel Antituberculosis Dispensary V I Moiseeva Probl. tub 14 no 153-55 '66,

OREL REGION-ATMOSPHERIC TEMPERATURE Studying thermals using gliders, P A Vorontsov, Trudy GGO no 189 38-53 '66,

#### ORENBURG-FEED INDUSTRY

Finishment of mixed feeds with trace elements and anti-biotics at the Orenburg Mixed Feed Plant G. Tarasin-skii. Muk.-elev prom. 26 no. i 15-16. Ap. '60.

## OFFENBURG PROVINCE-AMPHIBIANS, FOSSIL

Cemetery of ancient amphibians in Otenburg Province V G Ochev, M A Shishkin Priroda no 179-85 Ja 187

## ORENBURG PROVINCE-CADMIUM

Characteristics of cadmium manifestation in Tatarian F. Z Burblanova, G. G Kochin, N. P Ti ifonov. Doki AN SSSR 171 no 4 974-977 D 166.

#### ORENBURG PROVINCE-CORN (MAIZE)

Coin as a good picceding crop for spring whent in the southeast, V F Amikovich, Zemledeite 8 no. 183-89 Ap *60,

## ORENBURG PROVINCE-PASTURES AND MEADOWS

Possibilities of feed production. M Konstantinov Zemledelie 29 no 1:16-19 Ja '67

## ORENBURG PROVINCE—ROTATION OF CROPS

Corn as a good preceding crop for spring wheat in the southeast. V. F. Ankovich. Zemiedette 8 no. 4.83-89 Ap 160

## ORENBURG PROVINCE-WHEAT

Corn as a good preceding crop for spring wheat in the southeast. V. F. Anikovich, Zemiedeije 3 no. 4-83-89 Ap '60,

## ORES—SAMPLING AND ESTIMATION

Ivanov, N.V. [Sampling of mineral deposits; textbook for correspondence course groups for raising the qualification of engineers and technicians] Oprobovanie mestorozhdenit polenykh iskopaenykh; uchebnoe posobie dia zaochnykh grupp povyshenila kvalifikatsii inzhenernotekhulcheskikh rabolnikov, Leningrad, Leningradskii gronul inch 1888. 12 n. gornyl in-t, 1965, 117 p.

A method of automatic analysis of the composition of multicomponent media. E. 1A. Ivanchenko, B. S. Kobiskov. Izv vys.ucheb.zav., gor.zhur 10 no.1·157-162 67.

Sampling methods based on the economic value of Core ores and the natural conditions of mineral deposits. N V. Ivanova Zap. LGI 43 no. 2 58-77 '62

Taking into account systematic errors made in the determination of actual compositions of are components, G.S. Porotov Zap. LGI 43 no. 2 88-92 162
Use of correction coefficients in calculating reserves, A.B. Deschofer, Poroto deliberts of actual control of the control of the

A. P. Prokof'ev. Razved, i okh. nedr 26 no. 8:23-26 Ag 160,

## ORES-TRANSPORTATION

Machine for loading ores from storage place to river ships. I. T. Matyeev. Biul. tekh. - ekon. inform. Gos. nauch. - isslinst. nauch. I tekh inform. 18 no. 12.57-58 D '66.

ORES, MAGNETIC SEPARATION OF see Magnetic Beparation of ores

## ORESSA VALLEY—DRAMAGE

Drainage of bogs in the Oressa River basin S, Krugle-nia, Gidr. i mel. 19 no. i 87-80 Jn '67.

#### ORGANIC ACIDS see Acids, Organic

#### ORGANIC COMPOUNDS

Adsorption of organic substances at the mercury - thallium niti ate solution interface, M. M. Andrusev, N. Kh. Aupova, B. B. Damaskin Flekti okhimna 2 no. 12 1480-1482 D '66.

Temnikova, T.I. [Modern theory of the structure of or-ganic compounds] Sovremennana teoriia stroeniia organi-cheskikh soedinenii. [Leningrad] Izd-vo Leningrauniv., 1966. 23 p. (Khimlia v vuzakli, no. 3)

#### ORGANIC COMPOUNDS-SPECTRA

Pulse photolysis of solid organic substances studied by means of electron paramagnetic resonance. A. I. Rhy-kind., L. I. Medvedev. Dokl AN SSSR 172 no 1-137-140

#### ORGANIC MATTER

Hydrochemical characteristics of the formation of primary production in ser waters. M. V. Fedorov, N. V. Azova, I. A. Ermachenko, Trudy VNIRO 60:69-77

#### ORGANIZATION OF AFRICAN UNITY

Decisions of the Liberation Committee of Africa M. Kramney Nov. viem 25 no. 7:20 F 167.

## ORGANIZATION OF AMERICAN STATES

"Gorillas" on the maich, N. Egorova, Mezhdunai, zhizh! 14 no 2 133-131 167

Schack for Yankee diplomacy. Juan Cobo. Nov. vrem. 25 no. 10 16 Mr '67

An unholy alliance for the Western Hemisphere, Juan Kobo, Nov viem, 25 no. 0:16-18 F 167,

#### ORGANO A LUMINUM COMPOUNDS

Addition of dialkyl aluminum hydrides to conjugated diene hydrocarbons L l Zakharkin, L A Savina Lev. AN SSSR, Ser, khim no. 1 78-84 Ja 167.

#### ORGANOCH LORINE COMPOUNDS

O' idative phosphorylation and glycolysis in the tissues of the sugar beet weevil Bothynoderes punctiventris poi-soned by insecticides, K A Gar and others Khim, v sell khoz, 5 no 127-30 Ja 187

#### ORGANOCH LORINE COMPOUNDS-TOXICO LOGY

Contact toxicity of organochlorine compounds for the sugar beet weevils Bothynoderes punctiventris and Tanymecus pulliotus N.M. Permiakova, I.G. Molchanova, Khim, v sell', khoz. 5 no 1 31-32 Ja '67

## GRGANOF LUORINE COMPOUNDS

Aliphatic fluoronitro compounda. Report No. 6: Some conversions of polyfluoronitro alkanes. I. L. Knuniants, L. S. German, I. N. Rozhlov Izv. AN SSSR, Ser. khim. no. 12:2111-2115 '66.

Hexafluoroisobulyryl fluoride and nitrogen oxides. IU. A. Chaburkov, N. Mukhamadaliev, - I. L. Knunfants, Izv, AN SSSR, Ser. khim, no. 12 2119 - 2122 '66.

Perfluorodimethylketene and perfluoromethacrylic acid. Report No. 5; Hexafluoroisobutyric acid fluoride and sulfuric and sulfurous and chlorides. 1D, A. Chelurkov, N. Mukhamadahev, I. L. Knumanta, Izv. AN SSSR, Ser, khim no 12:2115-2119 '66,

## ORGANOGERMANIUM COMPOUNDS

Preparation of trimethylchlorogermane, methylbromogermanes, and propyltrichlorogermane by direct synthesis, C. IA, Zucva, N. V. Luklankina, V. A. Pononarenko, Izv. AN SSSR, Ser, khim. no. I-192-194 Ja 167,

## ORGANOGERMANIUM COMPOUNDS-SPECTRA

Experimental and theoretical study of the line intensity of the vibrational spectra of organogermanium compounds and some hydrocarbons. S. V. Markova. Trudy Fiz inst. 35:150-227 '66,

### ORGANOLETHIUM COMPOUNDS

Effect of the character of substitution at y-piperidone nitrogen on the storeochemistry of phenyllithium synthesis F, A, Mistriukov, N, I, Aronova Izv. AN SSSR, Ser. khim, no. 1438-143 Ja 107,

Kinetics of the reaction of n-butyllithium with n-butyl bromide in presence of electron-donor additions. A. I. Shatenshtein, E. A. Kovrizinykh, V. M. Basmanova, Kin. I kat. 7 no. 61933-960 N-D '66.

## ORGANOMAGNESIUM COMPOUNDS

Splitting of \$-etheronitrile group in cyanocthoxy-substituted vinyl ethers by organomagnesium compounds, M. F. Shostakovskii and others. Dokl. AN SSSR 171 no. 4:887-889 D 166.

## ORGANOMERC URY COMPOUNDS

Sorption of organomercury compounds in a multitray adsorber having fluidized beds of activated carbon. I. F. Zemskov, A.S Stepanov, V. I. Gnordov, Zhur. prikl. khim. 34 no. 6.1354-1350 Je 161,

## ORGANOMETALLIC COMPOUNDS

BOTISOV, S. N., M. G. VOLONKOV, and P. M. Lukevita [for ganosi licenson ganometallic compounds; nonorganistic delivatives] Ki emneelementoorganichenkie bordine pri prozvodnye neorganogeno. [I eningiad] Khimiti, 1,62

Comparative study of photochemical chlorination of ethylchlorogerm me and ethylchlorosthaue. MALLsdina, G. IA, Zueva, A. G. Kechina, L. & N. C. R. Cellshim, no. 12 2215-2216 [66].

Mobility of hydrogen atoms in methyl group of north, I ketones of the metricene series N.V.Kintisko 1, 5, 5, Serkma, D.N.Kintasanov, Izv. AN 555R, Seri, Hilli no 131-38 la Ubl

Organometallie synthesis and study of some properties of 0, 13-dihydropentauene. N. N. Shiritladze, A. L. Strattfa. L. L. Abkhazova. Soob. AN Graz. SSR 44 no. 1960. Chi Reaction of diphenyldichlorosilane with 1, 1-dHH n m-

1, 4-dihydronaphthalene K, A Andrianov, A. L. 37/41-dell, R, Sh. Tkeshel i shvili, 12v. AN \$55R Sec., Fillin no. 12:2228-2229 166.

Study of ternary complexes for mod in the interaction of dilaladkanes with aromatic hydrocarbons, V. I 641 monov, V. N. Sokolov, I I Illerann, Dokl. Ab 5 dl [12] no, 1867-168 D [16].

#### ORGANONIT'ROGEN COMPOUNDS

Catalytic reduction of nilrono-, azo-, azoxy bishist benzene, phenythydroxylamine by atcohula, N. K. K. et ., M. N. Tovahtein - Uch zap. Pet m. ped, inst. - 12 nr. 4 165,

Ternary complexes of rare earth elements with the hyl-trifium oacetone and some organic banes, 1. V. Melen-ileva, I. I. Kononenko, N. S. Polucktov, Uki, Phil-zbur, 42 no 18447-1153 [66].

## ORGANOPHOS PHORUS COMPOUNDS

Conjugation in systems with phosphorus lettalich it ab - substituted benzoylt (phenylphorphoru 1914) - 1 A - Mastriukova and others - Dokl, AN SSSR 172 4 9 611-614 Ja - 67.

Diffectiveness of organophosphorus compounds for cr. 11 (-ling red-gull apple aphid Dysaphia devector fit A Scilvanvova, Khim v sell, khoz., 5 no. 1(4) 1, 10 r.

Kabachnik, M. I. [Organophosphorus substancen] | Forter organicheskie vesichestva, Moskva, Znanie, 1987 | M. P. (Novce v Zulzni, nauke, tekiniko, XI Serlia | Edimita, M.

Organophosphorus nitroalcohols. O, O-djalks 1-1-totti. . t-I-bydro sy-2-niti ophosphomates and their derivally. T.A. Mastriukova and others. Doki, AN 9881(-1)1 no. 611341-1344-D '56,

Reaction of chloral with some organophosphorus conspounds. L.A. Antekhina, P. I. Allmov. Lev. An 1974, Ser. khim. no. 12:2335-2136-266.

Synthesis of derivatives of N-phosphoryliminathlor 11 to 12 acid and N-phosphorylimidation of La N, Levkers, P. 7 Almov. Izv. AN SSSR, Ser. khim. no. 12:2310 2220

## ORGANOSILICON COMPOUNDS

Borlsov, S.N., M.G. Voronkov, and E. M. Lakovito. [Gr-ganosilicon-organometallic compounds, manu] (1984). derivatives] Kremneelementoorganicheskie seediscutta proizvodnye neorganogenov [Leningrad] Khimita, 1905

Effectiveness of heating the reaction apparatus 5:11 organosition heat carriers, S. L. Golovatyi fak. k. ras. mat. i ikh prim. 100 6.56-58 156

Hydrolytic eccondensation of  $\gamma$ -trifluoropi opyltrichlersilane with dimethyl-, methylphenyl-, and methyl-rifluoropropyldichlorosilanes. V. A. Postonyl et k., N.M. Khornutova, I. F. Manuchorova, I. P. Mar Chilliane.

N. M. Khomutova, I. F. Manuchar eva. 12v. AN III thim, no. 12:1232-2135 '66.

Orloy, N. F., M. V. Androsova, and N. V. Vvedenskill.

[Silicon organic compounds in the textile and Hglid liking tries] Kremmiorganicheside socialmentia v teksilitaria i legkol promyshlemosti. Pod red. M. G. Vorenkews. Moskva, Legkala industria, 1966. 238 p.

Radiation-chomical studies of liquid polyorganical example with variable context of assumatio groups in maint. 14th

with variable content of aromatic groups in main class; with variable content of aromatic groups in main class; of side ramification of molecules. T. 1. Proportion of additional main others. Kin.i kat. 7 no.8;983-989 N-1) %6 Steamed concrete with GKZh-9i organositicos additional G.S. Roiak, V. V. Krylov, E. K. Peruderceva, Transported, 16 no.3;40-42 Mr. 166.

Synthesis and properties of some ethynyichterosillars, E. A. Chernyshov, G. F. Pavelko, Izv. AN 555A, fer. khim, no. 12:2205-2207 '66,

Synthesis of some 1,1-substituted 1-silacyclohexane, N.S. Nametkin and others. Dokl. AN SSSR 171 m. b. 1315-1347 D '66.

Telemerization of actamethyleyclatetrasilexane with methyl- γ-trifluoropropykiichlorosilane and tris- [ 1-trifluoropropyl) chlorosilane. V. A. Ponomarenko, N. M. Khomutova, Izv. AN SSSR, Ser, klitin, no. 14: 232-2329. 2123-2128

## ORIBATIDAE see subdivision under Polesyo

#### ORIENTAL SORE see Delhl boil

## ORIENTAL STUDIES

(see also subdivision under Italy)

The Fibred All-Union Conference on the History, Culture, and Philodogy of the Auction Fast, N. D. Semper Vest, drev. 6st. no. 4-225-230 4ss.

#### OBJECTAL STUDIES-CONGRESSES

Filmographic topics at the 25th International Congress of Orientatists. Sov etc. no. 2,117-119 Mr -Ap 181.

## ORIENTATION (ARCHITECTURE)

Chrentation of residential buildings under conditions typical of the fourth climatic district CH,U Bapishev 125 ASIA no 3 114-118 (6)

Summer overheating of buildings and their orientation, B.T. Vaellov Izv ASIA no. 3/119-123 '61

Studying the process of combing nitron in the drum - flat 2000. P B. Levi. Nauch, -isal, trudy TSNKHBI za 1253 g. 75-85.

#### OBNITHINE

Synthesis of poly - Z -continue, V. G. Debahov, V. D. Daydor, - A. A. Morozkin, Izv. AN SSSR, Ser. khim. 10, 12-215 3-2156 [66].

#### ORSHA (WHITE RUSSIA)-SERVICE INDUSTRIES-FINANCE

Planning for profit in service industry enterprises.
1 Perchenok. Tin SSSR 41 no 156 Jul 67.

#### OBSK-EDUCATION, ELEMENTARY

I decree through the example of herote subjects. I P. Dulta Nuch, abkola 35 no. 21-6 F 167.

## ONTHONOX EASTERN CHURCH

Cla letinas rucasage û em Illa Holineas Patriarch Aleksii to plaintes, pricets, and all the fulthful of the Russian Orthodox Church, Zhu, Mosk, Patr. no. 123-2 '66

News from the dioceses. Zhur Mosk, Patr. no.12:45 '88

Services of the Holiness Patrimch Aleksii. Zimr. Mosk.

limeserving position of the Orthodox Fastern Church in regard to the theory of chice. V IF, Dolla Pet. at 12 no., 160-73 45.

Le view of the present day Orthodox Eastern Church on the problem of war and peace. M M Kopanytsia. Pyt. at 17. no., 1;61-67 465.

#### ORTHODOX EASTERN CHURCH-CEREMONIES AND PRACTICES

Timeserving tendencies of the present-day Orthodox Tastera Church in the aphere of religious rites, A.M. Felodoyi Pyt. attiz. no. 1:40-53 105.

## OPTRODOX TASTERN CHURCH—CLERGY

Arethistop Caristfor, obligary. Hieromonk Agalangel. 71m - Moxik Patt no. 12:30-42 66

Death of Ioann, Bishop of Kh ov and Slobodskoy. Zhur, Mosk, Pati., no.1241 '66,

## ORTHODOX CASTERN CHURCH-RELATIONS

Address of Ha Bustinde Watinian, Patriaich of Rumaain, at a reception by the Holiness Patriarch Aleksii. Zhou Mork, Patr. no.12;15-16 [66]

Addicas of His Holiness Patriarch Aleksii at a reception in bonon of His Beatilude Buttinian, Patriarch of Ruma-pho, Zhan Mosk, Patr, no. 12:13-15 [16].

At a feative rereption in the Kremlin. Zhur. Mosk. Pair. no.12 /5 '66.

At a ruce ption by His Holiness Patriaich Aleksii. Zhur-Mosk. Patr. no.12:10 56.

At diplomatic receptions. Zhur. Moak. Patr. no.12:10-11 60.

Brief news. Zimr. Mosk. Patt. no. 12:11 '66.

Brotherly visit. V.Rovhkov. Zhur. Mork. Patr. no.12; 10-20 '66.

Decisions of the Holy Synod. Zhan . Mosk. Patr. no. 12;

Delegation of the Ethiopian Church in the Soviet Union-Ziar Mock. Patr. no.1219-10 '06,

Delogation of the Russian Orthodox Church at the celebra-tion of Saint Cyril and Methodius. Zhur. Mosk. Patr. no.12:7 '06.

Discussion of the Anglican problem. Zhur. Mosk. Patr. no.12;3-1 66.

Exchange of telegrams between His Holiness Patriarch Aleksii and Archbishop of Canterbury Michael Ramsay. Clair Mosk. Patr. no.1217 '86.

Exchange of telegrams between His Holiness Patriarch Aleksii and His Grace Metropolitan Constantine, locum terens of the Patriarch of Alexandria. Zhur Mosk. Patr. no.12:6 '06.

Letter fi om His Holiness Patriarch Aleksit to His Holi-nass Atherngores, Patriarch of Constantinople, Zhur. Mosk, Patr. no.12;5-6 '66.

Sojourn in the Soviet Union of a delegation of the World Luther an Federation Zhur Mosk Patr. no 12:9 '66

Sojourn of Filaret, Archbishop of Kiev and Galich, Exarch of the Ukraine in Greece. Zhur, Mosk, Patr no. 12:

ORTHOGONAL FUNCTIONS see Functions, Orthogonal

ORTHOGONAL SERIES see Series, Orthogonal

#### ORTHOPEDIA

[Orthopedics, pathology of the joints] Ortopedila, patologila sustavov Kiev, Zdarov'la, 1986. 282 p (DNLM)

Sungical treatment of the distal section of the shin and the mallcoli. Kh. T. Tukhtasinov Ortop., travm. i protez, 27 no 12 35-41 D '66

#### ORTHOPEDIC APPARATUS

Cinematemeter table for the upper e di emity. IU. P. Kolesnikov. Ortop., travm. i protez. 27 no. 12,61-66

ORTHOPEDIC SOCIETIES see subdivision under liki aine

#### ORTHOPEDIC TRACTION

Splint device for the treatment of transcondyteld fractures of the humerus in children. V. K. Urmonas. Ortop., traym. 1 protez. 27 no. 12:56-68 D 468.

ORTHOPTERA see subdivision under Indonesia

#### ORULGAN' RANGE-ORE DEPOSITS

Manifestation of hydrothermal mineralization in the northern part of the Orulgan' Range. V. A. Fadeev. Inform bud NUGA no 15 62-67 '59,

#### OSCILLATIONS

Approximate integration of equations describing oscillations of nonlinear systems with slowly varying parameters. Dop AN URSR no.7879-863 162.

Problem of rapidly oscillating forces in the statistical theory of the stability of shells V.M. Honcharenko Dop. AN URSR no 7 887-890 162

Resonance phenomena for localized oscillations. M. A. Ivanov Fiz.tver.tela 8 no.11:3209-3309 N '66.

Sommerfeld effect in Systems with randomly varying natural frequency. M. F. Dimentherg, K. V. Frolov, Dokl. AN SSSR 171 no. 6-1293-1296 D '66.

#### OSCILLATIONS-BOUNDARY VALUE PROBLEMS

Boundary value problem in the theory of oscillations with boundary conditions depending on the parameter. L. I. Balabukh, A. & Motchanov Prikl mat, 1 mekh. 30 no 6-1038-1102 N-D '65.

## OSCILLATIONS—ELECTROMECHANICAL ANALOGIES

Transient process in a three-mass to sion system with electric drive. G.I. Anan'ev. Izv.vys.ucheb.zav.; gor.zhu. 10 no.1:137-111 '67.

## OSCILLATIONS—SPECTRA

Harmonic analyzers of the spectrum of nonperiodic elec-trical oscillations. R. G. Vinogradova, I. P. Rozhnova, L. N. Tikhomirova, Sbot. 14b, po vop. elektromekh. no. 4 276-281 100

## OSCILLATORS, CRYSTAL

Forces of oscillators for absorption spectra of solutions of chlorides and perchlorates of prascodymium, of chieffords and perchiferates of prescondition, needyntium, samarium, and erbitum in various solvents. R.I. Slavkina, V. I. Danllova, V. V. Serebi ennikov. Trudy TGU 185 63-71 185

## OSCILLATORS, ELECTRIC

Calculation of the response time of a parametric genera-tor, S. S. Sviridenko, Radiotekhnika 22 no. 1:15-22

Frequency-impulse converter using a skilcon stabilotron, IA, I, Bul'bik, IU, L. Gol'dych, Izv. vya, ucheb, zav.; elektromekh, 9 no. 12-1342-1347 '86.

## OSCILLATORS, TRANSISTOR

Frequency regulated tunnet diode oscillator. V. G. Krik-Bunov, B. A. Boichuk, Radiotekhnika 22 no. 1:41-46 Ja 167.

Ja 187.
Problems of dynamics of a multistable pulsed element.
B. M. Fomel'. Radiotekhnika 22 no. 1:52-57 Ja 167.
Transistor RC-mester oscillator for thyristor frequency converters. E. E. IUdin, V. V. Trifoniuk, Energ. 1 olek, no. 0.29-31 N-D 106.

Tunnel-dlode escillator in a band line, G.F. Matiukov. Prom. Bel. 10 no. 2:59-51 F '67.

## OSCILIOGRAPH

Central control service of pipeline performance using electronic digital computers and oscillograph. Neft I gaz.prom. no.5;54-55 S-O '66.

### OSCILLOGRAPHY

Diagnostic possibilities of the VKS-1 oscilloscope of Akulihichevis system, V.D. Dzhordzhikija, V.B. Kulcshov, Kardiologija 3 no. 1:85-87 Jan, -F '63, Effect of Chukhuryurd hydrogen sulfide baths on the cardivovascular system according to oscillugraphic data Report No. 2 L R Guseinora Sbor, trud Azerb nauch -issl inst kur i fiz metod icch na 6 169-171 162

Use of an electron oscillograph for demonstration of the displacement and velocity law during oscillations V B. Bolotin. Izv.vys ucheb zav.; fiz 9 no 6423-125 | 66

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#### OSSETIA-BIOGRAPHY

Kaloev, G. C. [They made Iriston famous] Ont proslavill Tristorn, Ordzhontkidze, Severo-Osetinskoe knizhnoe izd-vo, 1965, 51 p. (CSt-H)

#### OSSETIA-STONE AGE

Geological and geomorphological conditions of South Ossetian Paleolithic sites 4 D Kolbutov. Trudy Kom chety per 18 109-119 '61

#### OSSETIA, NORTH-GEOLOGY, STRATIGRAPHIC

Lower Jurassic sediments in North Ossetia IU G Leo-nov Binl MOIP Otd, geol. 36 no. 3 56-69 My-Je '61.

#### OSSETIA, NORTH-HISTORY

History of Russian-Ossetian relations in 80's and 80's of the 18th century. V. G. Macharadze. Soob. AN Gruz. SSR 44 no 2:517-524 N '66.

#### OSSETIA, NORTH-INFLUENZA

Influenza of 1959 in NorthOssetia, E.F. Chamokova Sbor nauch, trud SOGMI no 10 41-44 '61.

## OSSETIA, NORTH-MEDICAL SOCIETIES

From the history of the Terek Medical Society E. D. Gribanov. Shor, much trud SOGMI no 10 180-185 '61

## OSSETIA, NORTH-TEACHERS COLLEGES

A normal school in Northern Ossetia. U Morgoev, A, Totoev Nar. obr no 1 29-31 Ja 167.

OSSETIC EPIC POETRY see Epic poetry, Ossetic

Ossification of the myocardium M. A. Golosovskaia Arkh pat. 28 no 12 67-69 '66,

## OSTASHKOV DISTRICT—FISHERIES

Whitefish and carp rearing in lakes HU L Nikanorov Ryb. khoz 43 no. 148-20 467,

Exercise therapy in osteomyelitis of the shinbones V.P. Zubynin. Shor nauch rab Azovo-Cher inst mekh sel-khoz no.14-108-123 **158.

Regeneration of osseous tissue under conditions of chronic regeneration of osseous tissue under conditions of chron infection. Z.P. Lubegina. Ortop., (1avm.) protez. 27 no.12:17-22 D ¹⁶⁶.

Role of disorders of intraosscous blood circulation in the pathogenesis of experimental ostcomy elitis. V.I. Stetsula, V.I. Shtin, Ortop., travm, 1 protez, 27 no. 12-22-27 D 166,

## OSTEOPOROSIS

Osteoporosis in infectious nonspecific polyarthritis. IU.S. Khomiakov. Vest. rent. i rad, 11 no. 6:29-34

## OSTER REGION (UKRAINE)-PINE

Struggle against the lodging of pine seedlings at the Oster Forcestry and Logging Unit F. A Rykhitk Lis hosp., lis., pap. i der ptom, no.1,22-23 Ja-P '67

OSTRACODA, FOSSIL see subdivision under Azerbaljan; Prut Valley

# OSTROVSKII, ALEKSANDR NIKOLAEVICH, 1823-1866 A.N. Ostrovskii's concept of his "Snaw malden." Zh. V Kulish. Nauch dokl. vys. shkoly, fitol, nauki 5 no. 1:159-170 '82.

World significance of Ostrovskii. A Shtein. Vop. lit. 5 no. 9 109-129 S 161

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OTOLARYNGOLOGICAL SOCIETIES—CONGRESSES see subdivision under Ukraine

OTOLARYNGOLOGY see subdivision under Ukraine

# OTO LARYNGOLOGY—CONGRESSES

First Alt-Russian Congress of Otorhinolaryngologists. A.G. Nikhinson. Zhur. ush , nos i gorl, bol. 19 83-85 N-D 159.

#### OTOSCLEROSIS

- Comparative evaluation of various methods for treating baryecora in otoselerosis. K. L. Fhilo-Zhut, ush . nos i gurl bol 14 no 15-9 Jl-Ag 159
- Finestration of the morplate of the stapes in otosclerosis I A I\shape unorpiate of the stapes in otoseleror I A I\shape Zhur ush mos i gorl bol. 19 no 4.46-51 JI- \hat{1g} = 156
- Prospects for surgery on the stapes in otosclerosis \ I Kolumnichenko Zhui ush , nos i gorl bol 19 no 418-27 Jl-\g '50
- Surgical restoration of hearing in otosclerosis. A N. Khanamilo: Zhui ush ,nos,i gorl bol 19 no 4 12-17 Ji-Ag (5)
- Types of audiometric curves in the light of indications for operation on the stapes in otoselerosis V.A. Gubowich Zhur.ush .nos.igorl bol 19 no 420-38 Jl-Ag 159
- Variation of a conservative operation in otosclerosis. A I Vasillet Zhur ush , nos i gorl, bol 14 no 4 A I Vasil'es Zh 43-16 Jl-Ag '59

#### OTRADNYY (KUYBYSHEV PROVINCE)-REINFORCED CONCRETE PRODUCTS

We help improve the quality of structural elements A Znamenskii and others. Na stroi Ros. 4 no 9 9-10

#### OTTERS see subdivision under Ukraine

Morphological changes in the ovaries under the influence of Si 90 and the disturbance of the reproductive capacity of female white rats. T. V. Voi ozheikina. Radiobiologua 2 nu 4 601-606 162

#### OVARIES-CANCER

- Lymphogranulomatosis of mesenteric lymph nodes simulating inoperable cancer of the ovaries, A, Rossoshanskii, Vop onk 13 no.1 92-93 '07
- Results of clinical and N-ray observations in compound treatment of malignant tumors of the ovaries, I. Vaithia-vicius, K. Ambrozaitis. Vop. onk. 13 no 138-43 '67.

#### OVARIES-DISEASES

Ovarian apoplexy. I, 1 Garmash Sov. med, 30 no. 1431-134 Ja 167

## OVARIES-RUPTURE

NARES-ROPI ORE Acute appendicitis, extrauterine pregnancy and ruptures of the ovaries IU. A. Muromskii and others. Khirurgia 42 no 12 76-81 D '65.

Late results of unilateral ovariectomy performed in connection with various benign formations in the ovarics. N.1, Egorova. Sov med. 29 no 10 i10-l14 O '66

## OV ARIES.-TRANSPLANTATION

Changes in the number of occytes in a transplanted avary. M.I. Sergienko Biul eksp biol. i med. 63 no 1:68-71 Ja '67.

### OVARIES-TUMORS

- Case of a tumor-like radiation lesion of the bladder following X-ray treatment of evaluan cystoma IU. Kh. Sarkisian Med rad 7 no 10 38-41 O '52,
- Late results of unilateral ovariectomy performed in connection with various benign formations in the overies. N.I Egorova Sov med. 29 no 10 110-114 O '66

### OVENS

- Analysis of the performance of the combustion chamber of the BN bread-baking oven. A A Mikhelev, A.V. Volodarskii, I.G 'Tofan, Khieb. 1 kmd, prom il no. 1 8-13 Ja '67
- installation of a metal screen in the khPA-40 oven G, G, Mulkidzhanian, Khleb, i kand, pi om 11 no 141 Ja 167
- installation of a sprocket in the KhPG oven. N. M. Galin. Khleb 1 kond. prom. 11 no.1 40-41 Ja 167.

## OVENS-MATHEMATICAL MODELS

Mathematical description of the dynamic characteristics of the FTL-2 oven L, L, Scholl. Khleb. i kond. prom. 10 no.12:13-17 D '66.

Cytochemical study of glandular apparatus in hen oviduct. V M. Grasgof, Arkh anat , gist i embr. 51 no. 10:75-

Use of autoradiography in studying chemical composition of cell structures, experiments with frog occytes P. V. Makarov. AiRh, anat., gist i embr. 51 no.10 92-103

CWLET MOTHS see subdivision under Kharkov Province

OW LET MOTHS-EXTERMINATION see subdivision under

### OXABICYC LOHEPTANE

Analogs of corticosteroids, Report No. 17. Reaction of 2-methyl-1-acetyl-1-cyclohexene oxide with hydrazine-carboxylic ester A. A. Akhrem and others, Izv. AN SSSR. Ser khim. no. 1:109-114 Ja 167.

#### OXALACETIC ACID

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#### OXALATES

- Determination of calcium by differential polarography using an oxalate non wave IU K Delimars'kyr, V.D. Skobets' Dop AN URSR no 7 928-931 '62
- Dinuclear evalute compounds of uronyl of pentacid type, R N Shchelokov, V. I Belomestnykh, Zhur neorg khum 12 no 193-100 Ja '67

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- Automatic maintenance of given ratio of oxygen in a inisture used for oxidation of liquid par iffins to alcohols E, P Kasperovich, N M Maslova, Trudy NHSZHIMSa no. 2 66-70 '64,
- Bot ic acid functions in the process of oxidation of priaffin hydrocarbons V V Veseiov, Z V. Sipcava, L. I. Brusenina Trudy NIISZHIMSa no. 2:5-13 [6].
- Brown and vellow products from smaltine and safflorite oxidation. L. K. IAkhontova, Trudy Min muz. no 12: oxidation, 156-170 '61.
- Catalytic oxidation of cyclohexylhydr oxylamine in presence of complex compounds of divident copper N. B. Shitova, K. I. Matveev, M. M. Danilova, Kin. I kot. 7 no.6;995-998 N-D '66.
- Certain problems involved in modeling the process of liquid-phase oxidation of paraffin hydrocarbons V. Veselov, A 1 Illina Trudy NHSZHIMSa no, 2 13-19
- Characteristics of paraffin oxidation by air with the addition of active manganese dioxide, A.A. Perchenko Masl. -zhir prom 32 no.10-26-27 O 166
- Composition of nonsulfated compounds and their use in oxidizing paraifins to fatty acids. G.I. Moskvina and others. Masl.-zhir.prom 33 no.1,20-23 Ja 157.
- Composition of products obtained from evidation of bulylenes in presente of pull adian chloride S V. Pestukov, B L Kozik, N Z Nasrtdinova Nuftupet, i neftekhim no 10 26-28 166
- Effect of composition on activity of bismuth-molybdenum catalysts in mild exidation reactions of elefins. M.S. Belen'kli and others. Izv.vys ncheb.z.v.; neft' i gnz 9 по. 8:18-50 '66.
- Effect of concentration of equimolar mixture of potassium and manganese naphthemates on oxidation process of concentrates of naphthemate hydrocarbons. O, S, Kachmai, A, N, Bodan, V, T, Sklim Neft, i gar, prom. no.5;38-10 S-O 166
- Increasing coke yield by oxidation of hydraulic tar, F.I. Gureyichev and others, Nefteper, racftekhim, no. 8: 25-28 | 166.
- Linear speed of air as a basic criterion in modeling the process of liquid-phase oxidation of paraifin hydro-carbons. V V Vessiov, A I, II'ina, Trudy NIISZHIMSa no, 2 19-25 161,
- Mechanism of high-temporature exidation of nickel V. I. Ai kharov, S. I. Ivanovskaia, A. S. Krivonosova. Fiz. met. i metalloved. 22 no. 6:084-889 D | 66. Obtaining pyromethtic disabydride by oxidation of durence fraction. A Kh. Sharipov, f M. Khamanov, N. M. Beksheneva, Nefteper, i neftekhim, no. 8:33-35 '56.
- Oxidation kinetics of lower olefins by palladium chloride in aqueous solutions. I.I. Moiseev and others. Dokl. AN SSSR 171 no. 6:1365-1368 D '66,
- Oxidation of  $\alpha$ -naphthylamine with oxygen catalyzed by copper stearate. L.N.Denisova, E.T.Denisov. Izv. AN SSSR, Ser. khim. no. 12:2220-2223 '66,
- Oxidation of alcohols on platinized silica gels of various types. N. M. Dmitrienko, V. S. Boronin, O. M. Poltorak, Vest. Mosk. un Ser. 2; Khim. 21 no. 6:108-109 N-D '66
- Oddative processes taking place in soybeans during drying in a compact and in a "boiling" layer. V M Kopelkovskii, L. A. Kashtvatskale, Masl. zhir. prom. 32 no. 11.15-16 N 166
- Radiation-induced evidation of methanol. B. IA, Ladygin, V. V. Saraeva. Kin. I kat. 7 no. 6;967-976 N-D '96. Rapid method of controlling the process of evidation of synthine to alcohols. B. P. Kotelinikov, Z. A. Prokhorova, N. T. Gerasimova. Trudy NHSZHIMSa no. 2, 83-85 '61.
- Role of dispersity and preliminary dehydration of boric acid during its use in the process of oxidation of paraffin hydrocarbons. V. V. Veselov, V. M. Pedaias. Trudy NIISZHIMSa no. 2 25-29 161.
- Spectrophotometric determination of hydroxyl numbers of oxidation products of paraffin hydrocations. B. P. Kotel'nikov, Z. A. Prokhorova, N. T. Gerasimova, Tiudy NIISZHIMSa no. 2:85-88 *61.
- Studying the stability of sunflower seed oil in the presence of heavy metal salts, S.S. Kondratenko, IA, Pokorny, G. IAnichek, Masl. -zhir. prom. 33 no. 1:8-10 Ja 167.

#### OXIDATION, ELECTROLYTIC

- Electrochemical oxidation and reduction of hydraterics fon 1, V. S. Daniel'-Bek, T. N. Glazatova, Pickir (1) min 2 no. 12(1400-1404 D 66.
- Discrependent oxidation of the managanate lon to permanganate, M. N. Machalkin and others, Trul. GIPKH no. 47,84-92 (62,
- Investigation of the mechanism of aluminum and the old thon and of oxide structure. If Lightenhors, 1 Zhan, prikl, khim. 14 no.6,1286-1291 Jc. 261
- Ovidation of resoccinol on rotating platinum disk and L. S. Reighakhi et, L. V. Batagova Vent Lell 21 r. 22 150-152 '66,

#### OXIDATION, PHYSIOLOGICAL

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- Effect of chlorpropamide on tissue respiration of the liver in experimental chronic toxic hepatith :: Abdullaev. Binleksp biol i med. 63 no.130-52
- Ja '67
  Effect of "leofas" on oxidative and energy metal all and of heart and skeletal muscles in white rate, V A Leonov and others. Dokl AN RSSR 10 no. 11 ff 1) 896 N '66

## OXIDATION-REDUCTION REACTION

- Activating effect of ATPh on O2 absorption process t chloroplasts in light. R. M. Boking and others. 17 kr AN SSSR 167 no. 2, 141-117 Mr 166.
- Effect of concentration and nature of acid on the force
- HARO, N. S. Astaldina, V. G. Gurevich, Least, and the lot of of oldizers in the ayatems  $H_6 HO_6 / HO_6$  and  $H_1 As O_4 / HARO_2$  N. S. Astaldina, V. G. Gurevich, Least, an ucheb, zav. Milm. I khim, tekh. 9 no  $54724 + 128 / H_0 / H_0 / H_0$  Oxidation—reduction potential and distribution of heater in sun face still layer in some Karelian Inthone 134 a. V. G. Drabkova. Miki obiologita 35 no. 64040-10.66 N-D '66.

#### OXIDES

Chemical transfermations of dieta and organic oxides Report No. II. Synthesis of 3, 3-dialkyl- and argin a stituted  $\beta$ -oxides N I Shaikin, M, Hartok, II K. ma Izv, AN SSSR, See, khim no. 1(153-157) Ja [4].

#### OXYGEN

- Dehydrogenation of isopentane in presence of high open iodide and oxygen S. V. Adelbon, V. I. Nikoma Neftoper, in (tekhin, no. 8/40-13/46)
- Rate constants and mechanism of reactions of anygeatoms with ethyl alt chot and proprion idehyds 1 1
  Avramenko, R. V Kolesnikova, G. I. Stvinova 1 1 1, 11, 5
  SSR, Set, khim. no. 1;22-28 Ja 167,
- Rate of titanium oxidation by oxygen, V, I Tikhorala ex, V, I, D'tachkov, Vest, I GU 21 no. 22 159-167 (6).

## OXYGEN-INDUSTRIAL APPLICATIONS

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- Making steel in 55-ton converters with top oxygen blood. S. G. Afanastev and others. Staff 22, no. 5, 498, 427. My 162,
- Straight oxidation of impurities in the open-hearth for nnee bath by oxygen during the melting period | V, E Botatenkov and others, Stall | 72 no. 5 112-115 11, 14:

## OXYGEN IN THE BODY

- Effect of some radioprotective agents on the oxygen to, et In tissues as related to their influence on animal radiosensitivity. K. A. Zeitunian, M. M. Komitantin vs. L. F. Semenov Radiobiologiin 2 no 4 616-619 is.2
- Simpozium, posylaslichennyi kucheniju kislorodnogo regulam organizma Tego regular varietisma Ristoromoga regulam organizma Tego regular varietisma (1971) [Oxygen batance of the organizm and Ris regulation, materials] Kislorodnyi rezhim organizma I ego regular Ilrovanio; matorialy. Kiev, Naukova dunika, 1900.

### OXYGEN INDUSTRIES

Tikhoniuk, I.O., and G. N. Shlygin. [Mock-up method of designing, experience in planning enterprises for it a oxygen industries] Model no-maketnyl metod proektirovanila; opyt proekthovanila predprilatti kistorist noi promyshlennosti. Moskva, Strolizdat, 1969. 145 p

### OXYGEN THERAPY

- Effect of intragastric administration of expgen of expendentabolic indices in acute experimental texts tapetitis V.I. Uspenskii. Bink.eksp.biol.; med. 63 no 1:53-25 Ja 57.
- New modification of dehelmithization with exygen in *** treatment of some dermatoses in children. P.E. Maal , Sov. med. 29 no.11 114-117 N '66

### OXYTOC INS

- Biological determination of exytocin in hypothelian et ve pophyseal system and placenta in human embrichest. S. E. Levina, E. A. Ivanova. Dokl. AN SSSR 111 113, 8-1458-1461 D 100.
- New analogs of exptocin-L-pipecolyl-exytecin and 1 to expresslyl-exytecin, Zh. D. Respatova and others Vest. LGU 21 no. 22:157-159 '66.

#### OYSTERSHELL SCALE

Fffect of dystorshell scale on the population of apple with apple clean wing moths G.B Sapaley Trudy kIPKIII 55,132-133 '66.

## QZEK-SUAT OIL FIELD-PETROLEUM-THERMAL PROPERTIES

Temperature dependence of the heat conductivity of nar-100-builing range Ozek-buat oils. IU. L. Rusterguev. Z.I. Geller, H. A. Grigor'ev. Inch. -fiz. zhm. 12 no. l; 50-55 Jul '67

## OZOCERITE-PHYSIOLOGICAL LEFECT

EXEMPTE—PHYSIOLOGICAL EFFECT Changes in the state of the vegetative network aystem in healthy persons following a simple application of concertie on the atomach. IU. M. Voloboev, Prudy Turk match, "issal, inst, klim., kur. i fiz., metod, lech, 8,51-59. [65].

#### OZOCEHITE-THERAPEUTIC USE

Gol'denberg, M. IU. [Ozoce He and He therapeutle prop-crtics] Ozoke it i ego lechebnye svolstva Kiev, Zdo-rov'ia, 1965. 47 p (DNLM)

## OZOLINS, MARTINS

(Mullins Ozollus; album of reproductions) Martins Ozo-lins; (reprodukciju albums). Riga, Liesma, 1966 76 p. (chiefly Illus) [In Latvian and Russian]

Determination of density and refractive index of centum exemite. V.I. Sokol, V.V. Matveev, I.I. Vol'nov, Izv. AN SSSR, Ser. khum. no 12:2735-2237 (66.

Distribution of general content of ozone in jet streams, V.I., Vasio, V.I. Vorobley Trudy GGO no 181 31-34

International communison of econometric devices of U.S.S R. and German Democratic Republic in Tachkent G P Gushchin. Trudy GGO no. 184 35-40 468

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#### PACIFIC OCEAN-ATMOSPHERIC TEMPERATURE

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## PACIFIC OCEAN—DESCRIPTION AND TRAVEL

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## PACIFIC OCEAN—DIATOMS

Countitative distribution of diatoms in au face layer of Pacific acdiments, A. P. Zhuze, O. G. Kozlova, V. V. Mullilina, Dokl, AN SSSR 471 no. 6 1435-1438 D 466.

## PACIFIC OCEAN-EARED SEAIS

Recent data on the distribution and migrations of the North Pacific fit seal. I.B. Birman. Vop geog. Kamch no. 4(112-111 '66.

## PACIFIC OCCAN—HYDROBIOLOGICAL RESEARCH

Brief news and information Zool. zho: 45 no.12,1890 -

## PACIFIC OCEAN—HYDROBIOLOGY

1 ormation of increased biological productivity zones in Pacific Ocean, V.V.Natarov, E.J.Chernyi, Trudy VNIRO 60:125-133 '66.

## PACIFIC OCEAN-MADINE SEDIMENTS

Quantifative distribution of diatoma in surface layer of Pacific acdiments. A. P. Zhuze, O. G. Kozlova, V. V Mulbina. Dokl. AN SSR 171 no. 6:1435-1438 D 466.

## PACIFIC OCEAN—OCEAN TEMPERATURE

Itole of temperature field of ocean in formation of anomaties of atmospheric circulation and anomatics of severity of winters on seab, as revealed by study made in north-western part of Pacific Ocean, A. N. Kryndin. Trudy MBAK no. 36:21-40 160.

### PACIFIC OCEAN—OCEANOGRAPHIC RESEARCH

Thirty-eighth voyage of research ship "Vittavi"; basic scientific results, V.G. Kort Okeanologija 6 no. 6; 1049-1107 166.

## PACIFIC OCEAN-SAURY

Pormation of commercial concentrations of Pacific saury. IU. V. Novikov, Trudy VNIRO 66:143-149 '66.

#### PACKED TOWERS

Study and development of automatic control systems of complex rectification towers. A. S. Brozko, V. A. Tunoshenko. Neft ugaz prom. no 5 10-43 S-O '66.

### PACKING (MECHANICAL ENGINEERING)

Improving design of stuffing box packing of electric drills, E. M. IUrchak, P. IA. Zelltser. Mash incft. obor. no. Il 18-20 '66,

Stand testing of small-size plate packings. V. A. Deini-chenko, V. M. Luk'tantsev. Mash i obot, dlia mokh i avtomatiz, trud prote, vugo!* prom. no. 2 308-312 165

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Fffect of chronic pain stimulations on spinst reflexes. G E Danilov Frziel zhut 52 no 11 1356-1358 N 166 Effect of radon baths on the pain syndrome in Syringomy-elia A. N. Venger owd. Vop kur., fizioter i lech fir lan't 31 no 5:517-520 '66

#### PAINT, LUMINOUS

Use of cationic dyes (astrazons) in the production of day-fluorescent paints B. Mi Krasovitskii and others Lakobras, mat, i ikh prim' no. 6 6-8 '66.

#### PAINT INDUSTRY-CONGRESSES

8th congress of FATIPEC, B. R. Mirenskii and others Lakokias, mat, i ikh prim no 6 87-89 '66

## PAINT INDUSTRY-FINANCE

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#### PAINT MATERIALS

Answers to questions on the use of paint materials. A.S. Rressova Lakokras mat i ikh prim. no.6 71 '66
Gobzemis, IU.G., [Using new prints in construction; a
survey Frimenenie novykh krasok v stroitel'sive,
obzor, Riga, Latvilskii respubl. in-t nauchno-tekhn,
informatsii i propagandy, 1966, 45 p.

## PAINT MATERIALS-CONTAINERS

Urgent problems of the container supply L.N. Leibzon, L. IU. Pustylinik. Lakokias mat i ikh prim no. 6:72-74 166

### PAINTING

Liaskovskaja, O. A. [Russian open air painting of the 19th century] Piener v russkof zhivopist XIX veka. Moskva, Iskusstvo, 1986. 186 p. illus.

## PAINTING, INDUSTRIAL—EQUIPMENT AND SUPPLIES

Antisticking self-drying paints for complex cast-iron cast-ings A P. Shkarin, N. V Bashkirova Flui tekh -ckon, inform.Gos.nauch. -isəl.inst.nauch i tekh.inform. 10 no 12:18-19 D 106.

Fixing caseing and acrylic coating paints with a solution of the ome tanned gelatin. F.I. Seimov, Prom. Hel. 10 no. 2:25 F 167,

Samiautomatic line for painting metallic containers. B. v Mel'nik Bull, tekh, -ekon inform, Gos, nauch, -isel, inst, nauch i tekh inform, 19 no 11 27-26 N '66

## PAINTING, SPANISH—EXHIBITIONS

Gosudarstvennyl Ermitazh. [Spanish painting of the 16th and 17th centuries] Ispanishala zhivopis' XVI-XVII vckov. [Leningrad, Izd-vo Gos. Ermitazha, 1963] 4 p. 20 illus. (In portfolio) (InNd)

## PAINTINGS

On a "gallery of paintings," A. Abramova, Semia 1 shkola 21 no 7.49 Jl '68,

Our gallery or paintings. Semila I shkola 22 no.1:49 Ju 167.

## PAIR PRODUCTION

[Study of (e^c-) pair production by electrons with  $\vec{E} = 2.4$  (Gev] Isoladovan'e obrazovanila (e^e^)-par elektronami s energiel  $\vec{E} = 2,4$  Gev. [By] IA.Bem i dr. Dubna, 1967 25 p.

#### PAKHTAKOR REGION (UZBEKISTAN)-COTTON MACHINERY

What the comprehensive mechanization of cotton growing offers, Sh. Nazarov, L. Dantiova, E. Rakhimov. Nar. khoz. Uzb. 3 no. 2:28-33 F *61.

## PAKISTAN—NATIONALITIES

Gankovskii, IU.V. [The nationalities problem and national movements in Pakistan] Natsional'nyi vopros i natsional'nye dvizhenila v Pakistane. Moskva, Nauka, 1987. 267 p.

## PALEOBOTANY see subdivision under Armenta

PALEOBOTANY, STRATIGRAPHIC see subdivision under Donels Basin, Gumisia Vallty, Issykkul' region, Kamehatka, Kolkhida Lowland

#### PALEOGEOGRAPHY

(See also subdivision under Balkhan Range region; Crimea, Georgia, Pamirs, Pechora Valley, Sary kamysh Depression, Tajik Depression, Timan Range)

International Geological Congress. 20th, Mexico, 1956, [Cambrian system, its paleogeography, and the problem of lower boundary, a symposium] Kembritskala sistema, ee paleogeografiia i problema nizhnel granitsy, simpo-

ee paleogoografiia i problema inzinen gaarna), samp zium. Mostra. Vol. 3. [Western Europe, Africa, U.S.S.R., Asia, America] Zap. Evropa, Afrika, SSSR, Aziia, Amerika, 1961. 515 p. [In 5 languages]

#### PALEOGEOGRAPHY-CONGRESSES

Problems of glacier morphology and paleogeography at the 19th International Geographical Congress in Stockholm, K K Markov Vest, Mosk un Ser, 5 Geog. 16 no. 1:71-78 Ja-F '61,

#### PALEOMAGNETISM

Laboratory evaluation of usefulness of sedimentary rocks of North Korea for palcomagnetic studies. G. Z. Gurard and others. Izv AN SSSR Fiz. zem. no. li 128-135. [66]

One case of secondary magnetization in modified lava IU, P Skovorodkin, Izv AN SSSR Fiz zem, no 12 68-94 '66,

Origin of natural remanent magnetism of red-bed clays of Gzhel' stage of Moscov Basin O L Bagina, 12v AN SSSR, Fiz. 2em. no 12 82-87 '66

## PALEONTOLOGY

(see also subdivision under Moldavia)

Preservation of classical occurrences of fossil remains A. A. Er langer Bull MOIP Old gool 36 no 3 151-152 My-Je '61

## PALEONTO LOGY, STRATIGRAPHIC

(see also subdivision under Black Sea region; Caucasus; Daghestan, Novaya Zemlya; Pay-khoy)

Vialov, O.S. [Traces of vital activity of organisms and their paleontological significance] Sledy zhiznedetatel'nosti organizmov i ikh paleontologicheskoe znachenie, Klev, Naukova dumka, 1966. 219 p.

## PALLADIUM

Possibility of reducing the tendency in steel toward flake formation by means of small additions of polladnim V. I. Arkharov and others, lzv, AN SSSR Met no 1405-III Ja-F 167

## PALLADIUM CHLORIDES

Oxidation kinetics of lower clefins by palladium chloride in aqueous solutions. I.-I. Molseev and others. Doki. AN SSAR 171 no. 6,1385-1368 D '66

## PALLADIUM PLATING

Mechanism of the anodic dissolution and electrodeposition of palladium in bromide electrolytes, V.I. Kravisov, M.I. Zelenskii Vest, LGU 21 no, 22 128-135 166

PALLADIUM-SILVER-CADMIUM ALLOYS see Sflyer-palladium-cadmium alloys

## PALYGORSKITE

Effect of ion exchange on the physicochemical properties of palygorskite A A. Panasevych, F D. Ovcharenko, IE, H. Kukovs'kyi Dop. AN URSR no. 7 931-935 162.

(see also subdivision under Zhitomir Province)

Micropaleobotanical characteristics of deposits of the Upper Katabil' series and use of spore and pollen analysis in geological explorations of continental Quaternary deposits in the southeastern part of Turk-mentstan L G. Amurskaia, Trudy Turk geog, ob-va no 2,86-105 '61

## PAMIRS—DESCRIPTION AND TRAVEL

Staniukovich, K.V. [On the trail of an astonishing mystory, from the diary of an expedition] Po sledam udivitel noi zagadki; iz deevnika ekspeditsii, [Moskva] Motodala gyardila, 1965, 197 p. (CU)

### PAMIRS-FRESHWATER FAUNA

Some data on chemical composition of aquatic plants in lakes of eastern Pamirs, M. M. Ikramova, Izv. Otd. biol. nauk AN Tadzh. SSR. no. 4:112-115 '55.

### PAMERS-GEOLOGY, STRATIGRAPHIC

Pleistacene stratigraphy and paleogeography of southwest-ern Pamirs, A. A. Nikonov, M. M. Pakhomov, Doki, AN SSSR 171 no. 4:940-943 D 166.

#### PAMIRS-GERMINATION

Biology and force of germination of the seeds of some Pamir plants I A Railova Nauch trudy TashGU no 210 155-186 162

#### PAMIRS-MOSSES

Materials on bryoffort of castern Pamit s. U.I., Marnatku-lov, 12" Old, biol nouk AN Tadzh SSR no. 4 36-18

#### PAMIRS-PALEOGEOGRAPHY

Pleistorene stratigraphy and pulcogeography of southwestern Pamirs A. A. Nikonov, M. M. Pakhomov, Dokt. AN SSSR 171 no 4 910-913 D 166

#### PAN-TURANIANISM

Critical evaluation of reactionary trends in present-day Turkish bourgeois nationalism | IUsif Rustamov. Izv. AN Azerb SSR. Ser ist., filos i prava no 3,91-99 '66.

#### PANCAKES, WAFFLES, ETC.

Mechanized continuous production of waffle dough and fillings L. D. Konopova and others Trudy VKNII no. 17 33-51 468

irregularities in H3-thymidine incorporation into cell nuclei of pancious L. \. Zelenina Doki, AN SSSR 171 no 4 985-987 D 166

Thei mai modification of panereatic ribonuclease T, A Moskvitina, E I, Budovskii Doki, AN SSSR 171 no 4 999-1001 D 166

#### PANCREAS-DISEASES

Clinical and morphological variations of hepatic and pancreatte lesions in butns M. I. Teodori, A. I. Khazanov, O. V. Shavichkova, Sov. med. 30 no. 150-54 Ja '67

#### PANCREAS-INFLAMMATION

Some characteristics of the clinical aspects, diagnosis and treatment of peptic ulcer in concomitant paner ca-titis Z A Bondar', M E Peklisova, G, A, Romanova, Sov med 30 no, 1 40-45 Ja '67

#### PANCREAS --- NECROSIS

Laboratory diagnosis of hemorrhagic necrosis of the pancreas, A, A Karelin, N, V Bystrov. Khirungita 44 no.12 62-66 D 'bb

#### PANCREAS ... RUPTURE

Internal draining of the main pancreatic duct in complete transverse rupture of the corpus pancreatis. I Sichkaruk. Fhirurgia 42 no. 12 107-109 D '66,

#### PANCREAS-SECRETIONS

Age-related characteristics of secretion and enzymntic A V Probudin, K T Tashenov Trudy Inst (zio) AN Kazakh. SSR 10 63-70 '66

Effect of cobalt on bile and pancreatic juice secretion in sheep M.A Rozybakiev Trudy Inst fiziol AN Kazakh SSR 10 90-95 166

Effect of diets with different qualitative composition of animal proteins on exosecretion and incretion of pan-creas in subacute radiation stokness. A.K. Ezhov. Vop pit 25 no. 6 33-38 N-D 166,

Effect of high-protein diet on changes in spontaneous secretion of intestinal and pancreatic glands in chronic collins and enterocolitis patients. N. I. Ekisenina, T. N. Zitler Vop pit 25 no. 6,24-29 N-D '66

Effect of partial bile removal and panercatic juice on milk production. K T Tashenov, B. N. Nikitin. Trudy Inst fiziol AN Kazakh SSR 10,75-60 166.

Mechanism of reflex effect from mammary gland on secretion of bile and pancreatic juice in animals K. T. Tashenov, Sh D Simbinov, F. IA, Kusebaeva, Tiudy Inst. fiziol. AN Kazakh, SSR 10 126-132 166.

Secretion of poncreatic price in colves as related to the age and feed ration. M. M. Serykh. Dorl. TSKHA no.45;187-192 '59

Ures content in mixed pancreatic and liver juice in lamba as related to their age. A. V Prokudin Trudy inst, fiziol AN Kazakh SSR 10:71-74 '66,

### PANCREATIC DUCT

Intornal draining of the main pancreatic duct in complete transverse rupture of the corpus pancreatis, 1 S, Sichbaruk Khururgila 42 no 12 107-109 D '68,

## PANCREATIC DUCT-RADIOGRAPHY

Some characteristics of the structure of the excretory system of the pancreas, X-ray anatomical study, S.S. Nesterov Khirurgita 38 no 11:67-73 N :52.

## PANELING

Technological systems and the efficiency of equipment for contour processing of panels. L, V, Pakhuntova. Izv.vys.ucheb.zav.; les.zhur. 9 no.6:87-92 '66.

PANELS (BUILDING)
(see also subdivision under Noril'sk, Krasnoyarsk Territory)

Bathrooms constructed from panels. N Adenikhin, Na strol Ros. 4 no. 3:12-13 Mr 483,

How to succeed in using molds two or three times a day 8, Shironov, L. Malinini, V. Fedorov. Na stroi Ros 4 no 8,27-28 Ag 164

#### PANOSIAN, ARUTIUN KARPOVICH, 1906-

60th anniversary of Prof. A. K. Panosian. member correspondent of the Academy of Sciences of Armenian S. S. R. D. N. Babaian. Biol. Thut Arm 19 no. 12,98-103 D '66

#### PANTOGRAPH

Simple method for fastening the central runner of the PZ pantograph A S Sharikov, Elct., 1 tepl., tiaga 10 no 11

#### PANTURKISM see Pan-Turanianiam

#### PAP (UZBEKISTAN)-RUDBER GOODS

The Pap Plant of industrial lubber products. Nar. khoz. Uzb -3 no 2:55 F  $^{+}61$ 

#### PAPER

More on the quality of paper, Poligi, proizv no. 1.29-30 Ja '63,

Vertical veathering equipment, N. Gubin, Poligr proizv. no 123 Ja 163

#### PAPER --- PACKAGING

the UR-03 toll paper packaging machine U.K Kalugin, Bumagodel' mash no.13483-191 '65

## PAPER-TESTING

Determining paper deformation under load. N.P.Zotova-Spanovskala, V P, Gonehai ova Bum prom 37 no 5 25-27 My 162

#### PAPER-WATERPROOFING

Problem of vaterpioof paper, P. Zol'nikov, V. Furashev, Mat, -tekh, snabzh | 1 no, 1 78-79 O '66,

#### DAPER BAGS

Effect of the impression of bag paper on the strength of paper bags, IA.N. Shvetsov Bum prom no 12: 9-10 D 366.

#### PAPER-CUTTING MACHINES

Basis for the classification of slitters G N, Katsnel'son, Bumagodul' mash, no.13 99-112 '65 The S5-12 slitter for the cutting of cardboard and paper for corrugation, N K Ballivalov, Bumagodel' mash, no.13,93-98 '65.

#### PAPER ELECTROPHORESIS

Study of protein fractions of blood serum in some bird species by paper electrophoresis method, utili ntion of this method for taxonomic purposes. N. N. Kartashev. I. A. Gel'son, S. P. Gi omakova Zool. chui 45 no. 12; 1843 -1851 '66

### PAPER FINISHING

Hasis for the classification of supercalenders. G. N. Katanel'son Bumagodel', mash. no. 13, 113-120 '65,

## PAPER FINISHING-EQUIPMENT AND SUPPLIES

Rolls for the calenders of paper making machines. V. E. Karsskii and others. Bum. prom. no.1:14-16 Ja 467.

## PAPER INDUSTRY

(see also subdivision under Kaluga Province)

Anniversary year of the country. Burn prom. no.1:1-2

Ja '67.
Expand the mineral raw material resources of the paper mdustry, editorial Bum prom 37 no.5-1-2 My "
Make use of hardwoods and their processing wastes in
the industry, S.G. Gorchenkov, Bum, prom. no.12;
insert: 3-3 D '66.

Permeability of the paper stock to air. G. A. Nedopckin, I. D. Kugushev Bum. prom. no. 12.6-8 D 166.

### PAPER INDUSTRY-COSTS

Improve the method of calculating production costs in the woodpulp and paper industry. B.V. Alakhov Bum. prom. no 12,20-21 D 106.

## PAPER INDUSTRY-EQUIPMENT AND SUPPLIES

Inclined conveyor sorting platforms of packing lines. N. F. Novikov, M. V. Levtov. Bum. prom no. 12:15-16 D 166.

Purifying the condenser paper stock with improved equipment. V. I. Klimov. Bum. prom. no. 12:17 D *86.

## PAPER INDUSTRY-FINANCE

Indices of the use of fixed capital and the profitability of enterprises. A. G. Lanonkov, G. G. Semchankov, Bum prom. no.1124 Ja '67.

## PAPER INDUSTRY-FUEL CONSUMPTION

Save power resources in every possible way. Bum, prom. no. 12:1-2 D '66.

## PAPER INDUSTRY-MANAGEMENT

New economic system in action. B, Z, Smolianitskit. Bum. prom. no. limeert Ja '67.

PAPER INDUSTRY—RESEARCH see subdivision under Europe, Eastern

#### PAPER INDUSTRY—WATER SUPPLY

Closed cycle of water circulation in the v and pulp the priper industry. B. M. Zamornev Burnela one, rock, 16-18 Ja 167.

## PAPERMAKING MACHINERY

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Okraine; Segezha, Katolla)
Analysis of a new method for the production of chipula machines with chain freding of pulpwood. N. M. Val' shchikov, P. P. Dobrovol'isku, F. I. Chikov, Buniqu'i shchikov, P. P. Dobrovol'isku, F. I. Chikov, Buniqu'i shash no. H. 19-50-165
Choice of the structural dimensions of partic and applied to consulting top dischal ge in this chipper. N. M. Val'shchikov Bunnagodel, mash no. H. P. I. 1965
Establishing an economic criterion of the technic d. L. 1. and reducing the obsolescence of paper mather and paper. Bunnagodel' mash no. H. 7-13-165.

Establishing the segriculation of the bung set of consulting the segriculation.

Extending the service life of the knife set of control unit. A.M. I eximon, G. P. Zapesotskii, Bumapod P. (1918) no. 13/192-200 [65].

For a further improvement of the quality of neicens. A. F. Chumadai ov. Bum prom. 37, no. 5 19-20, May 1-2

Improved high-speed long-serven machines O.Z Reve-fel'd Rum prom 37 no 5 H-13 My 462 Improved types of coatings of the suction boxes  $-\mathbf{h}/\hbar$ 

Maz minov, M. B. Basist, M. Kh. Nagimalin Billo | 4 . no 1;20-21 Ja 67.

Inter-factory school for the exchange of practices in the modernization and utilization of high-specifical and utilization of high-specific parameter machines. Burn, prom. 37 no 5times (2 1 M) (6)

New designs of papermolding machinery, H. Saffan, V. Perederit, Lis, hosp., 11s., pap. (det., pinst, n. ) 30-40 Ja-F '67.

Scieens from polyester filaments. A.IA. Kirillo, i. 1 1, Gullaeva. Bum. prom. no.1/22 Ja 161.

Ventilating capacity of disk chappers. N. M. Vallakati. I. I. Chikov. Bumagodell mash. no. 13-15-18 (#5)

Ventilation of the drying section of paper making marilines V.V. Bogoliubov. Bum. prom. no. 1,19-20 Julyst

### PAPERMAKING MACHINERY--ELLCTRIC DILVING

Dynamics of the centrol of automated electric drives of paper making machines, B, M. Shrathman, Thursp. 5.12 mash., no. 13 158-176 [65]

Mechanical properties of paper on the machine and telsa mination of the required statle preclaim in controlling the speed of the electric drive of machine scale in A D Shustov, Bumagodel' mash, no. 13 121-145 (h)

### PAPERMAKING MACHINERY-MATHEMATICAL MIDITS

Calculation and simulation of the automatic control of the mass level and air cushion pre-state in the health box. I, Kh. Isukerman, V. A. Latzareva, B. J. Isukerman, O. A. Latzareva, B. J. Isukerman, Branagodel', manh no. 13 75-92 466.

Mathematical description of the unsteady motion of the paper sheet on the paper making machine and the strate of the speed of its sections. A. D. Shustov. Business. 1 mash., no.13 146-157 '65.

## PAPERMAKING MACHINERY-NOISE

Study of the operating noise of papermaking machines. M. T. Viktorov, N. V. Sivtsov, E. A. Pridmego (1904), a godel mash, no. 13:61-71-465

## PAPERMAKING MACHINERY-PRICES

Consolidated work norms in the manufacture of pages making equipment and the organization of pages due to mination, R S Volovich, L. A. Pedham, R. N. Volt, Bumagodel', mash, no. 13 44 - 24 186.

## PARACHUTE TROOPS

He loves his work. V. TSyganov. Voen, vest. 11 :5 ? 13-14 Je '81.

PARAFFIN OILS see subdivision under Lyov Province

### PARAFFIN WAX

(see also subdivision under Hashkiria; Dittory (Mi Field; Surakhany, Azerbaijan)

Conductometric studies of structure of crude rough a in carbamide dewaxing process. F. A. Chegolaes. M. F. Mazitov. B. V. Klimenok. Izv. vyn ucheh rive., neft'i gaz 6 no.8:51-53 '66

neu'i gaz e no. 1302-50 - 50 Rasskazov, V. A., A. A. Gonik, and S. F. Liushin [Prf. an Hon of paraffin depositions in petroloum production L, use of paint and varnish coatings] Predotvensh heate oflozhenita parafina pri dobycho netti s pomesheli la lakokrasochnykh pokrytii. Ufa, Bashkirskoe knizhme izd-vo, 1962, 81 p.

Study of paraffin and resin depositions in 'Druzhi a' petr leum pipeline O.IA. Kaganov, Neft, khaz 41 ; ; ; 57-59 N '60,

### PARAFFINS

(see also subdivision under Romashkino Oil Field)

Automatic maintenance of given ratio of oxygen in a mixture used for oxidation of liquid paraffins to al. d E. E. Kasperovich, N. M. Maslova. Trudy NII57 IIM: no. 2.66-70 161.

Binding of fluidized boric acid in final exidate in out att of liquid paraffin hydrocathons to afcohole, V.V ve slov, V.M Pedalas, F. E. Tershchenko, Trudy NISZHIMSa no. 2:45-50 [6].

Borte acid functions in the process of exidation of finite hydrocarbons, V.V. Veselov, Z. V. Siprevi, I. I. Brusentia, Trudy NHSZHIMSa no. 2.5-13 181.

## PARAFFINS (Continued)

- Rotte acid preparation for its use in the process of oxidation of liquid paraffin hydrocarbons to alcohols V.V. Venedov, V.M. Pedalas, 1.1.1 lubar skana. Trudy NIISZIIIMSa. no. 2.40-44-461
- Certain problems involved in modeling the process of liquid-phase oxidation of paraffin hydrocarbons, V V Veselov, A Liftina Trudy NHSZBIMS: no. 2 13-19 161.
- Characteristics of paraffin or idation by air with the addition of action mangain se dioxide A.A. Perchenko, Masi, -zhir, prom 32 no 1026-77 O 56
- Composition of monsulfated compounds and their use in exidizing paraffins to fatty acidy. G.I. Moskvina and others. Mast. -zhir prom. H no 120-23 Ja 67
- Determining paraffin content in petroleum and petroleum products. N. 1. Demisschile. V. I. Mikhalevich Nen i gaz. prom no 6:38-39 N-D 166
- Developing new methods of paraffin control. S. F. Llushin. Neuch. -tekh. shor. podob. nettl no. 3496-97 [59].
- Effect of free gas on the crystallization temperature of waz. V. M. Folicev, G. F. Trebin, A. A. Gromova, Nauch, tekh abor, po dob nefti no 8 70-13 '60
- Effect of the addition of unsaponifiable matter to paraffin on the output and composition of fatty acids A I, IPina, M.A Marchenko, Masi his prom. 32 no. 11,20-22 N 166
- Linear speed of air as a braile effection in modeling the process of Huild-phase oxidation of paraffic hydro-carbons. V. V. Vesclov, A. I II in a Trudy NIISZHIMSa no. 2,18-25-161.
- Cutaining higher mone-elefin hydrocarbons by thermal cracking of solid paraffins E, V, I chedev, I, L, Brovin, Neft. i gaz. prom. no 5:43-45 S-O 166.
- Oxidation of fiquid paraffla hydrocarbons to alcohols in the presence of decreased amounts of boric acid, V.V. Vewelov and others, Trudy NIISZHIMSa no. 2,39-45 161,
- Beaction of 2-mer captopy incidings with some a. See dihalo dkanes. N. G. Pushkmov, V. S. Reznik Dokl. AN \$58R 171 no. 4 871-876 D 166.
- Role of diapersity and pretiminary dehydration of horic actal daring its use in the process of exidation of paraf-fia hydrocarlinus, V.V Veselov, V M Pedaias, Trudy NIISZHIMSa no. 225-29 161
- Supplies a no. 2,25° 27° m Specinophotometric determination of hydroxyl numbers of oxidation products of practin bythographons. B. P. KutePnikov, Z. A. Prokhorova, N. T. Geranimova Trudy NHS/HIMSa no. 2,65-40, 161
- That mal stability of batates of secondary high-molecular alcohols. V. V. Veselov, V. M. Pedalas, F. V. Alekseenke, Trady NIISTHIMS (100, 2, 1) 38 (4).

#### DARAFFINS --- THERAPEUTIC UST

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### PARAFORMA LDEHYDE

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### PARAGENESIS

- tindanal paragenesis of genthelvite and cassiterite, L.S. Galetskii. Min. shot. 20 no.146-52 466.
- PARAGONIFE see subdivision under Ural Mountains

## PARAGUAY-POLITICS AND COVERNMENT

The revolutionary movement is growing. Miguel. Rodriguez. Agitato: no.17 22-24 S 162.

## PARALLELEPIPED

- First fundamental problem in the lineary of clasticity for a rectangular parallelepiped. G. M. Valov. Prikl, mat, i nickh. 30 no. 6:1057-1070 N-D 166.
- PARAMAGNETIC RESONANCE AND RELAXATION SEC Electron paramagnetic resonance

### PAHAMAGNETISM

- Paramagnetism of Th-Y and Ho-Y alloys. G. A. Shefigul-lina, V. I. Chochen sikov, I. A. Markova. Vest. Mork. un. Ser. 3; Tir. . astron. 21 no. 6;96-97 N-D '66.
- Study of properties of 51-H bond in monon ganosilanes by paramagnetic resonance method. V. O. Reikhafel'd. L. N. Gabanova. Tenet, i eksper. khim. 2 no. 5 1629-634 S-O '66.
- Susceptibility of clinvar alloys tospin paramagacism. B. P. Kirromov. B. A. Alurranain. Fiz. met.1 metalloved. 22 no. 4:551-555 O '96.

## PARASITES

- Akademila nauk URSR. [Parasites and parasitoses of man and arimals] Parasity 1 parasitozy cholovoka 1 zhivotnykh. Kiev, Naukova dunka, 1065. 411 p. (Ro-spublikanskii mezhvedomstvennyi spornik. Serita: Problemy parazitologii)
  (DNAL)
- PARASTTES --- ANSERIFORMES see subdivision under Churchi Peninsula

- PARASITES-BATS see subdivision under Moldavia
- PARASITES—BIRDS see subdivision under Kara Kum Canal region, Moldavia, Turkmenisian; White Russia

## PARASITES-DEER

Bidin elaphostrongylusis in deer räised for antere. E.I. Priadko, Vest. scl'khoz nauki [Kazakh ] 10 no. 1 105-108 Ja 167

## PARASITES-EURYGASTERS

- Larvae of Hymenoptera parasitizing on nymphs of Eurygaster integriceps Put. G.A. Viktorov Zool zhur. 45 no.12;1797-1803 '66.
- PARASITES-FELIDAE see subdivision under Moldavia
- PARASITES-FIELD MICE see subdivision under Saratoy Province

## PARASTTES—FISHES

(see also subdivision under Atlantic Ocean; Moldavia) Effect of chloramine-B on ectoparasites of fish in aquariums, G.D.Goncholov. Trudy Inst biol, vnutr, vod. no.10:338-340 168.

Fish helminths in Lake Baikal. A. M. Parukhin, V. A. Mironov. Uch. zap. GGU no 50,308-311 '50.

#### PARASTTES-GEESE

- A new anthelmintic for controlling goose amidostomosis. M.V.Katkov Vest.sel'khoz.nauki il no 12:84-86 D '66.
- PARASITES-GROUND SQUIRREIS see subdivision under Turkmenistan; Yakutia
- PARASTES-HAMSTERS see subdivision under Moldavia
- PARASTres-HEDGEHOGS see subdivision under White Russia
- PARASITES-HORSEFLIES see subdivision under Armenia
- PARASITES-MARMOTS see subdivision under Tajikistan
- PARASITES-MUSTELIDAE see subdivision under Moldayla

#### PARASITES-RED SPIDER

- Fauna and biology of some predatory insects feeding on fruit mites. L.V. Andreeva. Vest, sel'khoz, nauki [Kazakh, ] 10 no. 198-104 Ja *67.
- PARASITES-REPTILES see subdivision under Armenia
- PARASITES-RODENTS see subdivision under Polesve
- PARASITES-SEALS (ANIMALS) see subdivision under Greenland Sea

### PARASITES-SHEEP

Controlling colinococcosis by a rapid method. V. T. Ramazanov, V.I. Kuznetsov, B. K. Zaplatkin, V sel'khoz, nauki (Kazakh, 10 no.) 80-64 Ja 167.

PARASITOLOGY see subdivision under Moldavia

### PARASYMPATHOLYTIC AGENTS

Anticholmester ase properties of O-n-alkyi-S-butyimethyt thiophosphonates, A \ Abduvakhabov and others. Dokt. AN SSSR 171 no. 4 857-859 D 166

### PARATUNKA VALLEY—THERMAL WATERS

Geomorphology of the Paratunka Valley and age of the Upper Paratunka Hot Springs, T S. Kraevala, Vop. geog. Kamch. no. 4 101-103 186.

### PARATYPHOID FEVER

- Characteristics of the course of typhoid, paratyphoid and other diseases in neuropsychic patients. 'Gos, nauch. -isst, inst. psikh. 26-296-304 161.
- Clinical aspects of recidivations of typhous and paratyphous diseases, N. M. Patarkelishvili Soob AN Gruz. SSR 27 no. 2.241-245 Ag *61.

## PARATYPHOID FEVER-MICROBIO LOGY

- Functional state of the liver in typhoid and paratyphoid bacterial carriage. T.N.Golubchikova. Sov. med 2 no.10:90-102 O 166
- PARATYPHOID FEVER-PREVENTIVE INOCULATION Effectiveness of specific vaccination of moskeys against pan atyphoid fever, Report No. 2, V.D. Gekker and others, Zhur mikrobiel, epid, i immun 44 no.1:38-42 Ja '07,

Heavy-weight parchment paper F. I. Korchemkin, C. I. Ermekov, Bum, prom 37 no, 5:14 My 162,

## PARENT AND CHILD

Postupat'skala, M.I., [Discovery of the world] Otkrytic mira, Mosiva, Znante, 1967, 70 p. (Narodnyi uni-versitet: Pedagogicheskii fakul'tet, no.i)

To be a person, L. Ochakovskaia. Sem'ia i shkola 21 no 7 48 Jl 166.

#### PARENT AND CHILD (LAW)

Natasha's fite | L Chermenskii | So's zakon, | 38 no. 7 | 61-65 | Ji | 161

## PARIS-COMMUNE, 1871

Immortality of the revolutionary heroic deeds, an article dedicated to the Day of the Paris Commune Pierre Durand. Agitator 34 no 4 29-31 F 167

#### PARIS-POLITICS AND GOVERNMENT

The policy of decentralization of Paris and its results, A. F. Sluka Vest Mosk, un, Set, 5 Geog 16 no 1 31-36 Ja-F 161

#### PARKHO MENKO, ALEKSANDR JAKOV LEVICH, 1885-1921

Fearless division commander, V. Petukhov Sov. voin 43 no. 24.12 D (6)

#### PAROLE

Eleouskii, V.A. [Supervisory commissions] Nabliudatel'-nye komissii. Moskva, IUrid lit-ra, 1966–125 p

#### PAROTID GLANDS

- Effect of chronic irritation of external sominal nerve on parotic gland secretions, K T. Tashenov, Sh D. Simblnov, Trudy Inst fiziol AN kazakh SSR 10 81-84 '66,
- Effect of complex supplementary feeding with microelements on secretory activity of parctid gland in sheep M. A. Rozybakiev Trudy Inst fiziol AN Kazakh SSR 10 96-100 466
- Effect of manganese on secretory activity of parotid gland in sheep M A.Rozybakiev Trudy Inst fiziol AN kazakh SSR 10 85-89 166.

#### PARQUET FLOORS

Solov'ev, B. F., and M. D. Sakharov. [New technology of woodworking in the production of parquet boards] Novata tekhnika derevoobrabotki v protzvodstve parketnykh dosok. Moskva, Lesnaia promyshlennost, 1966 70 p.

PARTIAL DIFFERENTIAL EQUATIONS see Differential equations, Partial

## PARTICLE BOARD

- Change in vood under various temperature conditions in compressing particle boards. G. F. Potutkin, L. V. Shiriaeva. Izv.vys ucheb.zav.; les zhur. 9 no 6;ll9-
- Modernization of the hydraulic system of the DS-1 bench in the particle board shop of the Kiev Wood-Processing Combine. M S Strannykov, Lis hosp, his., pap.t dc1,prom no 112-15 Js-T '67
- Preparing panel doors from particle board, N.F.Gushchenko, K.L.Kostiushko, Transp. stroi, 16 no. 4.52-53 Ap 166,

## PARTIC LE SIZE DETERMINATION

- Calculation of the process of dissolution of solid particles th a bubble-type tower. V.I. Ermakov. A.N. Planov-skii, Izv. vys. ucheb. zav. khim. i khim. tekh. 9 no. 5. 845-846 '66
- Tendency of variability of entropy of granulometric fractions of terrigenous rocks and its relations to dynamics of sedimentation medium. A. I Ainemer, E. I. Romanovskii Doki AN SSSR 171 no. 4:960-962 D 166.

### PASSIVATION

- Anodic behavior of indium in potassium hydroxide solu-tions. Part 2; Study of anodic passivation of indium in the presence of phase oxide film formation. F.F. Faizullin, -N.A.Amirkhanova. Electrokhimila 2 no. 12:1383-1388 D '66,
- Effect of degassing conditions on passivation and magnetic properties of nickel catalyst hearer. FU, G. Shirokov, I, P. Kirillov, Ev.ys. ucheb. zav, khim. i khum. tekh 9 no. 5-738-743 '66.
- Mechanism of zinc passivation in strong zincate solutions of alkalı. T.I. Popova, N.Ar-Simonova, B.N. Kabanov, Elektrokhimiia 2 no. 12:1476-1479 D '66.
- Nickel passivation in sulfuric acid solutions. N. IA, Buno. Zashch.met. 3 no.1:50-54 Ja-F '87.
- Use of rotating disk electrode with a ring for studying passivation mechanism of metals. A. I. Oshe and others. Elektrokhimita 2 no. 12:1485-1487 D '56.

## PASSIVITY (CHEMISTRY)

Passivation and destroying the passive state of metals. T. P. Khoi Zashch met 3 no.1:20-33 Ja-F '67.

## PASTEURELLA

Determination of the resistance of Pasteurella postis to antibiotics, A. F. Optiakovs, I. M. Vorona, G. B. Minkov, Zhui . mikrobiol., epid. i immun. 44 no. 1:98-102

Ja 167.

PASTURES AND MEADOWS (see also subdivision under Borulakh Valley, Orenburg Province, Spolensk Province, Uslyurt)

Biological principles underlying cultivated meadow manage-S P. Smelov Vest. el'khoz nauki il no.12, ment, SP. 43-49 D 66.

Methodology for studying the dological and economical productivity of hayficlds and pastures. I. V. Larin Vest. sel'khoz. nauki II in 12,101-104 D '86.

Pommers, P. [Cultivated pastures] Kultivetas ganibas Riga, Liesma, 1966 315 p [In Latvian] (DNAL)

#### PASTURES AND MEADOWS-CONGRESSES

Problems of Alpine meadows, Vest. sel'khoz, nauki 11 no. 11-157-158 '66.

#### PASTURES AND MEADOWS-EXHIBITIONS

Agricultural exhibition goes to Poland S Skobkin, Inform, biul, VDNKH no. 132 Ja 167

## PASTURES AND MEADOWS-PRIGATION

(see also subdivision under Kazakhstan; Yakutia) Disgation of cultivated postures and the organization of their areas A V Entukov Gidt | met 19 no 140-45 Ja 167

#### PATERIT LICENSES

Licences as a commodity, V. Tomachinskii Vnesh torg 46 no 11 34-36 166

#### PATENTS

[Inventions, industrial samples, trademarks] Izobr., prom. obraz., tov. znak. 44 nos. 3-4 '67.

PATENTS—TERMINOLOGY

Levin, V.A. [Terminology in the field of patents] Terminologia patentovedeniia Talliun, TScutr biuro tekhn informatsii SNKh ESSR

No 1 1984 23 p

PATHOGENIC FUNGI see Fungi, Pathogenic

PATHOLOGICAL ANATOMY see Anatomy, Pathological

PATHOLOGICAL HISTOLOGY see Histology, Patho-

PATHOLOGICAL PHYSIOLOGY see Physiology, Patho-

PATHOLOGICAL PSYCHOLOGY soe Psychology, Path-logical

## PATHOLOGY, CELLULAR

Characteristics of the pathology of nerve cells in the cerebral cortex in schizophrenia, V.S. TSiviliko Zhur nevr i psikh 62 no 11 1712-1722 '62

Interpretation of changes in the number of "drumsticks" un mature neutrophils in chronic myelosis in women, V IA Shats, Probl. gemat. i perel, krovi 12 no 151-52 Ja '67

Similarity and difference in ultrastructure of embryonic, normal, and malignant cells of thyroid gland in rats N. P Dmitrieva Arkh anat gist i en br 51 no 10 49-57 O 166

## PATOM PLATEAU—GEOLOGY, STRUCTURAL

Some characteristics of geology of northern margin of Patom Plateau S A. Permiakov 12v. vys. ucheb. 2nv., geol i rozv 10 no 130-35 Ja '67

### PATRIOTISM

Acquaint the students with the revolutionary past of our people, O I Rosukhina Nach, shkola 35 no.118-22 Ja '67,

Brief news. Vop. ist KP55 il no. 2:156-158 F '67.

### PAVEMENTS

Repeated vibrating and the quality of cement concrete pavements. A. N. Zashchepin. Avt. dor. 24 no. II:14,

'oning of thin-layer pavements Avt. dor. 24 no. 11.15-

'E---

ıко Nar. khoz

Simonenko.

34-1966 Trudy

out Dmytro tra Pavlychka.

## PAY-KHOY-PALEONTO LOGY, STRATIGRAPHIC

Early Ordovician fauna in southern part of Novaya Zemlya and northern part of Pay-Khoy and its 4tratigraphic significance V. I. Bondarev and others Uch. ap MIGA Ser "Paleont I biost: " no 10:15-63 '65.

Be more accurate in settling accounts with grain suppliers. B. Prokonov. Zakup, sel'khoz, prod. no 1316-18 D '66

Kaplan, L.M. [Economics of construction organizations under the conditions of paying for the construction project as a whole] Ekonomika stroitel nykh organizatsil v uslovitakh raschetov za oblekt v tselom. Moskva, Stroiızdat, 1967 154 p.

Parlicipation in payments for direct deliveries. A. Niki-forov, M. IAmpol'sku, E. Gerzhor Mat -tekh, snabzh, 1 no 166-67 O '66.

#### PEACE

(see also subdivision under Europe)

Address of Metropolitan Nikodim at the plenary session of the Consultative Committee of the Christian Peace Conference in Sofia. Zhur Mosk, Patr no 12,50-51 '66

Address of the head of the delegation of Russian Orthodo. Church at a reception by His Holiness Patrian ch Kirill and the Holy Synod of Bulgarian Church in honor of the members of the session of Consultative Committee of the Christian Peace Conference, October 22, 1966 Zhur, Mosk, Patr. no 12:52-53 '66.

Appeal of His Acliness Patriarch Aleksii to the members of the Consultative Committee for the continuation of activities of the Christian Peace Conference in Sofia Zhur Mosk Patr. no.12,19 '56

Christian theses of peace. Brat vest, no 15 '66 Communique of the conference of representatives of regional committees, ecumenical councils, and churches, members of the Christian Peace Conference Brat vest no 4 7-8 166

Communique of the International Secretariat of the Christian Peace Conference Brat vest no 16-7 166

Conference of the International Secretariat of the Christian Peace Conference with representatives of acgional committees and churches, members of the Christian Peace Conference, M. V. McPoik, Brat. vest. no. 4:8-

International pence and the independence of peoples are our responsibility for the future of manifind. P Sokolov-skit. Zhur Mosk Patr. no.12;53-61 '66.

Problems of peace in present-day sociology, P N Fedo-seev. Vop. filos. 21 no 13-16 167,

The views of the present-day Orthodox Eastern Church on the problem of war and peace. M. M. Kopanyisia. Pyt. ateiz no 1 61-67 65

PEABL FISHERIES see subdivision under Kamchatka

### PEAS.

(see also sutxiivision under Daghestan; Monastyrishche District)

Justification of an effective method for the final cleaning and sorting of pea and millet seeds. O.A.Ovsepian, Vest, sel'khoz, nauki (Kazakh, ) 10 no. 189-93 Ja '67,

Mechanization of pea cultivation, V. Kavun, V. Chemus, Tekh v set'khoz 21 no 12 4-6 D '61

## PEAS-DISEASES AND PESTS

Use of systemic substances as a means for ridding peas of ascochyta blight N N.Khmell. Trudy KHSKHI 58 94-101 166.

PEASANT UPRISINGS see subdivision under China: Siberia

## PEASANTRY

(see also subdivision under Algeria; Altai Mountain region; Azerbaijan, Georgia; Turkestan)

The alliance of the working class and peasantry is a de-cisive factor in the struggle of the building of social-ism and communism. Sh.O. Orazimbotov. Trudy TashQU no. 278.5-9 156.

Moiseeva, O. N. [The soviets of peasant deputies in 1917] Sovety krest lanskikh deputatov v 1917 godu. Moskva, Nauka, 1967, 204 p.

Strengthening and developing the alliance of the working class and the peasantry. K.Gusev. Ekon.sel'khoz. 42 no.ki6-27 '67.

## PEASANTS IN LITERATURE

Description of Russian villages after the Reform of 1861 in I A Bunin's stories published in 1899's, R.F. Velikanova, Uch. 2ap. Kab. Balk gos. un. no 27 93-106 '65

(see also subdivision under Estonia)

Brief news. R. Patniece, V. P. Ogurtsov. M. A. Sukhanov. Torf. prom. 43 no.8:27 '66.

Effect of peat and green manure on nitrogen balance in turf-Podzolic soils. V K. Mikhnovskii, P. N. Vysotskaia, L. V Kotova. Agrokhimita no. 1-85-93 187

Ktytski, I. [Mineral fertilizers and peat boys] Mineral's nyla uhmaend i tarfianiki, Minsk, Uradzhal, 1965, 3s p. (Kompleksnulu mekhanizatsylu na pali i fermy) (DNAL)

#### PEAT-DRYING

Methods of observing moisture transfer in diving tell' per of a low degree of decomposition. M. P. Voluse vich, N. I. Gamaiumov, A. P. Polianchev t. fr. V. H. ucheb zov., gor zhar fi no 10 27-31 %.

PEAT-MICROBIOLOGY see subdivision under to orgin

#### PEAT-THANSPORTATION

Unit for contracting cut peat and similar materials is, loading them into care Lan, Gromov, P.1 Zotov Hill tekh -ckon inform Gos nauch -isal instrument is the Inform 19 no H 85-86 N 166

#### PEAT BOGS

Tabaka, Laima, and Kornelija Birkmane. [Dotunted excursion to a peat bog] Bolaniska ekskursija uz sami puvu. Riga, Zinatne, 1966. 40 p. (Skolen t bibliak kal in Latvian]

## PEAT INDUSTRY

(see also subdivision under White Russia)

Bogdanovich, F.A. [Fundamentals of the present in in the peat industry] Osnovy profit operation of teleprical torifanot promyshlemosti. Minsk, Vysaketa ubedi,

#### [MICROFILM]

Decree of the Presidium of the Supreme Soylet of the U.S.S.R. on the awarding of U.S.S.R. ordera and medals to the workersymmetric and technic land of the part industry and to the workers of party,  $a_{\rm tot}$  is the transfer of the source of party,  $a_{\rm tot}$  is the transfer of the source of party,  $a_{\rm tot}$  is the source of party and  $a_{\rm tot}$  is union, and Communist Youth Longue organized but Torf. prom. 43 no. 8:1-6 '66.

#### PEAT INDUSTRY-FIRES AND FIRE PREVENTING

Small vacuum tank instead of a gas -jet app a atus. V. I. Chaikov Tori prom 43 no.8,26-24 46.

#### PEAT INDUSTRY-MANAGEMENT

Realizing an economic reform Ch. A. Kruglin (Fil. 1) from 43 no.8,23-25 '66.

#### PEAT INDUSTRY-QUALITY CONTROL

Quality of peat products — A. I. Chalkov. V. M. Petros p. 5. Torf. prom -43 no  $8:19\,\text{--}22^{-1}66$  .

#### PEAT MACHINERY

Modernization of the equipment in the products a of shredded poat. A.D. Vorykhalov. Torf. prom. 13 no.8,10-12 '66.

Per for monce of the bog excavator -crane. (I, P. Sides) . Torf.prem. 43 no.8:25 '66.

Resistance of bends during pneumatic transported for if shredded past. V. M. Ponomarev. Tonf. p. om. 11 no.047-10 166.

Study of the working part of a continuous peat 10.1 Hr g machine. I.V. Vendikov. Torf. props. 43 me. 11.13-14 166.

T-40 tractor in the drying of shredded peat. M.D. 17:19 - zhnyi Torf prom. 43 no.8:25-26 '66.

## PEAT SOILS

The efficiency of vertical drains in peat solis. | 1 P Evgentor Osn., fund, t mekh, grun, | 1 no. 5 10 to 1

## PECHORA BASIN-COAL MINES AND MINING-BALL IY MEASURES

Experience in building underground deganification in the title tions in coal mines IA, IA, Mukhin, Ugoli 43 10 1 55-57 Ja 167.

## PECHORA VALLEY—PALEOGEOGRAPHY

Paleogeography of the Carboniferous in the Timera-Pechora region, V. A. Raznitsyn, Blut, MOIP, Co., geol. 36 no. 5:102-122 S-O '61.

Studying the process of pectin hydrolysis and extraction from beet pulp. L. B. Sosnovskii, G. V. Buzhin, O. I Ivanova Trudy VKNII no. 17:100-105 166,

Use of ion exchangers in the production of beel grein, L.B. Sesnovskii, G. V. Buzina, O. F. Ivaneva, Toni, VKNII no. 17:105-109 '06.

Use of the mycollium as inoculum in submerged culti.stion of mold fung for the accumulation of pertoletherapymes, L.A. Khersonova, A.L. Maichenker, here i spirt prom. 33 no.110-12 467.

### PECTINASE

Investigation of pectinase activity in mycellal waste from the production of penicillin and streptomyche O IA. Rashba, O, M, Zatchenko. Mikrobiol, zhur. 24 11.5 25-27 62.

PEDIATRIC SOCIETIES-CONGRESSES see subdivision under Ukraine

#### PEDIATRICS

Adrenatine and dionin test in young children, E 1 Shor nauch trud SOGMI no 10 106-112 Chianokova

Group, G. I. [Diabetes mellitus in children] Sakharnyi dhabef u detoi Moskva, Meditsina, 1965, 54 p (Nauchno-populiar main meditsinskaia literatura) (DNI M)

#### PEGANUM

Shelly of the anatomical structure of the seeds of the common harmel, P.D. McPhychak, Farmatsey shur, 17, no. 2,57-61 [6]

#### DI GMATTTES

(see also subdivision under Karella, Kazakhstan; Mui mansk Province; Taymyr Peninsula; Transbaikalia; Yenisey Ridge)

Same characteristics of the formation process of crystal-learing pagmatites according to data on the goar compo-sition of the lusions in mineralls and cocks. M. M. Elin-on, V. S. Polykovskii. Geokhimna no 10 801-800, bt

## PEIPUS, LAKE-FISHERIES

Fifts fent fish freming in Pskov-Chudskove water body, A. F. Housternko - Ryb khoz - 13 no 146-17 *66

PELITOUS see subdivision under Rybinsk Reservoir

#### PELVIS-CANCER

The of tymphography in the determination of radiation changes and metastatic festions of the lymphatic system of the pelvis. P. I. Vishney skala, E. V. Frushnikova, Vop. onk. 13 no.1-12-46 [64].

#### PENALTH'S, CONTRACTUAL

Reduction of contractual population by courts and arbitration igentics. A. Bykov. Sov.inst. 31 no 3:7-8 P 967.

#### PENDITUM

Equilibrium stability of a physical pendulum filled with figured V A Samsonov Prikl mat, i mekh 30 no 6 1112-1114 N-15 66

#### PENETRANT INSPECTION

Studying relation between resistance to the sinking of a cone and the angle of internal friction in sandy solis G. P. Postovy, Trudy MIT no 210 85-97 66. Using static poneintation for calculating braining capacity of a pile. [U.I Kovaley, Trudy MIT] no, 210:12-20/66.

PENGUINE see subdivision under Lazarev region,

#### PENCILLIN

Comparative experimental comparison of meticillin and oxacillin, M.A. Petroya, S.M. Navashin. Antibiotiki 12 to. 1 51-57 Ja 107

inhalation of penicillin acrosols combined with the action of cartain expectorants and dionine in an experiment P.5, Korenkov. Zhur, msh., nos i gorl bol. 19 no. 6 11-40 N-D *59

investigation of pectinase activity in investig waste from the production of penicillin and streptomycin O.IA Routha, O.M.Zaichenko, Mikrobiol, zhur 24 no 5

iteaults of clinical use of methyellin, the penicillinese-remetant penicillin B.S. Prokhorov and others. Anti-blotiki 12, no. 176-19, Jan 161

Same problems of the machanism of pentelllin action on the fracterial cell 1...I Torbuchkina, Antibiotiki 12

Sunty of the functional state of the thyroid gland following pinlonged introduction of streptomycin and pencillin, M. A. Khashim, A. M. Kharitonova, Antibiotiki 12 no. 1 34-41 Ja 167

Use of polycloctrolytes for removing admixtures from pative notations of peak illin. 9, A, Zhukovskaia and others. Antibiotiki 12 no. 1 3-8 Ja 167.

### PENCILIANASE

Results of clinical use of methycillin, the penicillinaseresistant penteillin, B. S. Prokhorov and others. Anti-

## PENCILLIUM

Characteristics of the antibiotic properties of Penicillium vitale, the producer of microcide, in submerged fer-mentation, O.O.Nikol's'ka, Mikrobiol, zhur. 24 no.5: 39-46 482.

## PENICILLIUM-CULTURES AND CULTURE MEDIA

Chu actoristics of glucose exidese and catalose biosynthesisby Penicillium vitale on media different carbohydrates. N. V. Pokr ovskala and others. Mikr objoio-gila 35 no 5:097-000 N-D '66

### PENSIONS

State contern for workers! pension coverage. V. Achar- 's kan. Sots.trud. 12 no.2:12-17 F '67.

#### PENTACENE

() ganometallic synthesis and study of some properties of 6, 13-dihydropentacene, N. N. Shirtladge, A I. Nogaldell. I. I. Abkhazova, Soob AN Gruz-SSR 41 no.3;603-610

## PENTADECENOIC ACID

Synthesis of cis-9-peniadecenoic and cis-9-heptadecenoic cids and study of their antiphilogistic effect. V. A. VALL, V. V. Dorogov, V. D. Bergel'son. Izv. AN SSSR, Scr. Phim no. 19 2241-2242 166

## PENTAMIN--THERAPEUTIC USE

Pentamin treatment of some hypochondriac states in schizophrenia, M. S Zeisva. Trudy Gos, nauch. -issi. mat, psikh. 26:128-136 161,

#### PENTANONE

Reaction of dialkyl phosphites with diacetone alcohol, N. I. Rizpolozhenskii, F. S. Mukhametov. Izv. AN SSSR. Ser. Phim. no. 1 210-212 Ja 467.

#### PENTENONE

Diffect of conditions of isopropylbenzenc hydroperoxide decomposition by sulfuric acid on for mation of mesityl axide. V A. Lavshtein, Z A. Pravdivtseva, V A. Sidorov. Neftepar 1 neffekhim no 12:33-35 '66

## PENZA PROVINCE-GRANARIES

Practice of receiving grain directly from the harvesters at the granaries of the Penza and Chelyabinsk Provinces V Blagice, Muk, -elev prom. 28 no.37-8 Mr 160

### PENZHINSK RANGE-GEOLOGY, STRATIGRAPHIC

Carboniferous and Permian sediments of the Penzhinak Range, A F. Mikhailov, Inform, biul. NIIGA no 15 20-32

#### PEPPERMINT

Quality of pappermint, f. IA. Rogochil, A.G. Dement'eva, Mash. - hir, prom. 32 no 10 30-31 O '66

#### PEPPERMINT OIL

Study of the "vat residue" of oil of peppermint, Report No I General characteristics of the "vat residue" of oil of peppermint, N.M. Solodovnichenko, 1U H Borysluk, Farmatsev, zhur, 17 no. 2,41-48 '02.

#### PEPSINOGEN

Determining structural parameters of pepsinogen molecule. A. A. Vazina. B. K. Lemazhikhin Biofizika 11 no 5: 779-784 '66

#### PEPTIC HICER.

characteristics of the clinical course of gastric and duodrnal proficulter with lesions of the bile ducts O.S. Avertanova, Sov. mcd. 30 no. 193-95 Ja '67,

Clinical and anatomical characteristics of repeated operations on the stomach, 1 IA Deineka Khirurgiia 38 no 11:30-35 N 162.

Closure of the duodenal stump in resection of the stomach V.V. Ivanov Khirurgiia 38 no il 121-123 N 162.

Comparative results of the treatment of gastric and duo-denal ulcers with sterilized sorum "F" V.K. Anisimov, G.E. Il'enko Sov med 29 no 10 97-99 O '66.

Effectiveness of compound treatment of peptic ulcer, including hor mone therapy N. F. Bogurenko. Sbor nauch, trud, SOGM1 no 10 137-144 161

Electrolytic composition of gastric juice in peptic ulcer. A. A. Fisher. Sov. med. 30 no. 1 46-50 Ja '67.

Late results of resection of the stomach in peptic ulcer. A | Gorbashko Sov. med. 29 no 10 93-96 O '68

Resections of the stomach after suturing perforated gastroduodenal ulcors P.V. Zabolotikov. Khirurgiia 38 no 11 35-40 N '62

no il 35-10 N 162
Some characteristics of the clinical aspects, diagnosis
and treatment of peptic ulrer un concomitant panciestitis, Z, A Bondan, M. E, Feklisova, G, A, Romanova,
Sov. med 30 no. 1:40-45 Ja 167
Therapeutic tectics in the so-called clearized gastric
and ducdenal ulcer. P, N, Napalkov, A, P, Mirznev,
Sov. med, 30 no 1100-102 Ja 167.

Treatment of gastric and duodenal ulcer with decaycorticosterone acctate, S G. Vainshtein, Sov. med. 29 no. 11-66-69 N 186.

Treatment of peptic ulcer with intra-arterial introduction of novocaine N G. Dzakhova. Sbor nauch, trud. SOGMI no. 10 148-150 [6].

Use of hexonium and novocaine in the treatment of peptic ulcer A.Kh Adyrkhaev, N.G.Dzakhova. Shor nauch trud. SOGMI no. 10 145-147 161

## PEPTIDES

Polypeptides in the blood scrum in discases of the thyroid gland, 1, P. Bober Probl. endok i gorm. 8 no. 680-82 N-D '62.

Proparation of N-(6-puryl)thioacctyl peptides, E.D. Kavorzneva and others, Izv. AN SSSR, Ser. khim. no.12:2148-2152 '66.

Study of synthetic polypeptides. Report No 2. Transitions  $\beta$ —structure-coil into poly-S-carboxymethyl-L-cysteine following changes in pH medium and temperature. N, G Illorians va. and others. Biofizika. II. no. 5.762-765-766

### PERCEPTION, DESORDERS OF

Nature of Charpentier's illusions A.G Baindurashuti Soob AN Gruz SSR 27 no 2 247-254 Ag (61

#### PERCH LORATES

Perchlorates of zirconyl and hafnyl M.M Bellova and others Trud, TGU 185 161-167 '65

Preparation of perchlorates of some rare earths and study of their thermal decomposition Report No? Perchlorates of dysprosium, holmium orbium, ytterbium, and lutetium M M Bel'kova, L A, Alekseenko Trudy TGU 185 38-41 '65

Preparation of some rare earth perchlorates and study of their thermal decomposition Report No 1 Lanthanum, cerium, piaseod,mium, neodymium, samarium, gadolinium perchlorates M M Bell'kora, L V Alekseenko Tiudy TGU 185 32-37 '65

Thermolvess of anhydrous perchlorates of aluminum, scandium vitifum, and lanthanum M M Bellvova, L A, Lekscenko, V V Serebrennikov Trudy TGU 185 146-150 165

#### PERCHLORIC ACID

Thermodynamic characteristics of the systems HClO₄ - H₂O, Ca(ClO₄)₂ - HClO₄ - H₂O and saturated solutions of the system Ca(ClO₄)₂ - HClO₄ - H₂O at 25°C - L S Lilich, V, M Shalygin Vest LGU 21 no 22101-H0 ¹⁶⁶.

#### PERCOLATION

Economic efficiency of new percolation methods, A.I. Kozlov and others Sbor, trud NHGS 11 42-47 '65. Hydrolysis of cornecbs by means of percolation with alternatura flow R. I. Ullianovskala, I I. Korol'kov. Sbor, trud. NHGS 11 36-41 '65

#### PERFORMANCE AWARDS

Honorary titles and honorar, certificates to petroleum workers B Zholeiko Neftianik II no 8 10, 30 Ag 166,

PERFUMES see subdivision under Moscow

Treatment of effusion pericarditis M.O. Makhachev Sov. med 20 no 10 76-81 O 168

Treatment of encapsulated pleurisy and chronic adhesive compressive perical ditts simultaneously with pleusectomy and subtotal pericardicatomy. A. N. Kabanov, IU. l. Blau, G. L. Feoffloy Grud khir 9 no. 187-91 Ja-

## PERIMETRY

Ophthalmoscopic and campimetric data in the evaluation of the activity of rhumatic process B.N. Alekseev. G.B. Tupikin, Sov. med 29 no 10 31-36 O '66

PERIODIC FUNCTIONS see Functions, Periodic

### PERIODIC LAW

Into action of elements of the periodic system V.N. Gurin, A.P.Obukhov Porosh, met. 6 no 12 72-83 D 466

Korniloy, I.I., and others. [Metallochemical properties of the elements of periodic system, monograph and reference book] Metallochimicheskie svoistva elementov periodicheskoi sistemy, monografita-spravochnik Moskva, Nauka, 1986 350 p chart (insert)
Study of coordination in the light of concepts of the role

of d-elections in chemistry of elements of main sub-groups of D. I. Mendeleev system, S. A. Shchukarev, Probl. sovr. khim. koord. soed, no. 1:5-27 '66.

PERIODICALS-BIBLIOGRAPHY see Bibliography-Periodicals

PERIPHERAL NERVES see Nerves, Peripheral

### PERFIYONEUM-DISEASES

Multiplication of toxoplasma in peritoneal mesothelium. M. A. Lidina, D. N. Zasukhin. Biul. eksp biol. I med 63 no 1:61-63 Ja ¹67

## PERITONEUM—TRANSPLANTATION

Operative treatment of recurrent inguinal horntas using preserved heterogenous pertitioneum. A I Shusterov, T. A. Kolomenskolis, N T Eliseev. Khinut gna 42 no. 12 30-91 D '66.

## PERTONITIS

PARTURATES
Diffuse suppurative biliary peritonitis, A.A.Khachatrian,
Azerb med, zhur, 43 no, 12·3-8 D '66,
Postoperative biliary peritonitis, F.A.Malugina,
Khirurgiia 42 no, 12;46-52 D '66.

## PERITONETIS-PREVENTION

Some new ways of prevention and treatment of peritonits in acute intestinal obstruction K L Flat, I, I, Neimark, IU, M. Dederer Khirurgita 42 no 12 82-86 D '66

#### PERLITE

Use of perfite for the filtration of refiner's syrups. H M. Federov. Sakh prom 41 no 127-29 Ja 167.

## PERM-COLD STORAGE WAREHOUSES

Expansion of the cold storage warehouse in Perm A.I. Fish Khol, tekh 43 no H 44 N '66.

#### PERM—PACKINGHOUSES

We work five days a week N Korhevnikova Mins and SSSR 38 no 115-16 Ja 187.

## PERM—PETROLEUM REFINERIES—MANAGEMENT

Zherehtsov, L.A., and M.P.Mikriukov. [The plant and the people] Zavod I Hudt. [Perm'] Permskoe knizhnou izd-vo, 1965. 42 p.

#### PERM-RAILROADS-REPAIR SHOPS

Remarkable changes in the Perm railread repair shop. G I Brushitsin, C.S Kramai, E L Smirnov, Eick r tepl, tiaga 10 no 111-4 N '66

## PERM PROVINCE—BOOKSTORES

Big tasks are ahead A Mikova. Knizh torg 17 no. 11. 15-16 N '66

## PERM PROVINCE—CAVES

History of the study of karst and caves in Perm Province after the October Revolution (1917-1955) K A Gorbunova Peshchery no 2 79-101 162

## PERM PROVINCE—CRIME AND CRIMINALS

How we struggle against loafers A Sazhin Sots, zakon 38 no 7 72 Ji 161

### PERM PROVINCE-KARST

History of the study of karat and caves in Perm Province after the October Revolution (1917-1955) k A. Gorbunova Peshchety no 2 79-101 162

#### PERM PROVINCE—LIMING OF SOILS

Large reserves, 5, Popova Inform, biut, VDNKH no, 12-27-29 D '66,

#### PERM PROVINCE—PETRO LEUM PRODUCTION— ACCOUNTING

Practice of daily cost calculation in fields of Oil Field Administration of "Krasnokomsknoft" I. Khudzinskii, L. Bryndin, Neftianik 11 no 10 18-19 O 166

## PERM PROVINCE—PETROLEUM PRODUCTS—ANALYSIS

Physicochemical characteristics of asphthenic acids from Perm offs N. S Kozlov, L IU Pinegina, L M. Starkova Uch zap. Perm. ped inst. 32 52-68 '85

## PERM PROVINCE—PETRO LEUM REFINING

Using opoka from Kur'ya in final purification of lubricants T. M. Nikolaova and others Nefteper i nefterhim. no 12-15-17 166

## PERM PROVINCE-ROCKS, SILICEOUS

Using opoka from Kur'ya in final purification of lubricants.
T. M. Nilvolaeva and others. Nefteper i neftekhim. no.12;15-17 66.

## PERM PROVINCE—WAGES—RETAIL TRADE

Material incentives and the quality of service, M. Lerner, Sov. toig 40 no. 2 13 - 15 F 167.

## permalloys, effect of radiation on

Large magnetization discontinuities in irradiated molyb-denum permatic, films. B.V. Vasil'ev, A. P Gorelov, Pis', v red, Zhur eksper, i teoret, fiz 4 no. 10:413-416

#### PERMANENT ORGANIZATION FOR AFRO-ASIAN SOLIDARITY

Vanguard of the "third world " D, Vol'skii, Nov. vrem. 25 no 9 4-5 F '67

## (see also subdivision under Murmansk Province)

Chemical formulas of perovskites. V A Frank-Kamenets-kii, I Vesel'skii Geokhimiia no II 1035-1036 '61.

### PEROXIDASES

Effect of Chukhuryurd hydrogen suifide baths on the catalase and peroxidase activity of the blood in poly-arthritis A.Z. Bahaev and others. Shor trud. Azerb, nauch. -issl. inst kur i fiz metod. lech no. 6-159-162

Effect of climate in the Chekhuryurd and Dzhango Health Resorts on the catalase and peroxidese activity of the blood. Sh M.Gasanov, A.Z.Babaev, I.L.Kravets. Shor, trud Azerb, nauch, -issl inst, kur i fiz, method lect., no 6 32-40 '62

### PEROXIDES

Chemism of interaction of peroxide radical with manga-nese stearate, V. M. Gol'dberg. L. K. Obukhova. Izv. AN SSSR. Ser. khim. no. 12:2217-2218 '66.

Determination of rate constants of reactions of ferrocene and its derivatives with peroxide radicals L. M. Postniłov, E. M. Tochina, V IA. Shliapintokh, Dokl, AN SSSR 172 no. 3.651-654 Ja 667

#### PEROXIDES-SPECTRA

Photolytic decomposition of duacyl perovides studied by means of electron paramagnetic resonance, S. S. Ivan-chev and others Dokt AN SSSR 171 no. 4.894-897

#### PERSIA see Iran

PERSIAN COINS see Coins, Persian

Nizharadzė, A. I. [Atlas of varities of the subtropical persimmon] Atlas sortov subtropicheskoi khurmy. [Tbilisi, Sabchota sakartvelo, 1965] 90 p. [In Georgian and Russian] (CII)

## PERSONALITY

The concept of "social environment" and its role in the development of personality. G I, Discheva. Uch. zap Syer gos. ped. inst. no. 35,3-17 '66

Noncerted aesthetic and physical development is an indispensable factor in the formation of personality V. V. Kukshanov, A. P. Priadein Uch zap Sver gos ped.inst no 35:90-105 166.

Some psychological characteristics of the development of convictions. A.K. Per ov. Uch. zap. Sver. gos ped. inst. no. 35;38-62 '66.

#### PERSONALITY AND CULTURE

Sokhan', L.V. Spiritual development of personality and communism Dukhovnyi progress lichnosti i kommunizm Kiev, Naukova dunka, 1966 260 p

## PERSONNEL MANAGEMENT

This annoys the employees of the personnel section.
A Rodin Part zhizni no 4:69-70 F 167.

PERTHITE CRYSTAIS see aubdivision under Taymyr Peninsula

# PESCHANYY ISLAND OIL FIELD-OIL WELL DRILL-

Regularity of spontaneous well deviation with small dip angles of layers in water area of Peschanyy Island. A.S. Sadigov. Izv. vys. ucheb zav neft i gaz 0 no. 8:

#### PESTICIDES

(see also subdivision under Germany, West) Applying pesticides to granulated superphosphates.

1, Kolokolitsev, Zashen, rast, 12 no. 1.29 167, List of pesticides and their synonyms. P. Korolev. Zashch, rast. 12 no. 1:37-39 '67.

Poisonous chemicals in mixture with fertilizers, S. Ravkin, L. Trofimova, Zaehch, rast, 12 no. 1 50 167.

# PESTICIDES—CONGRESSES

International symposium on pesticides. N. N. Melinikov. Khim. v seli, khoz 5 no. 1:78-80 Jn '67

PESTICIDES-ECONOMIC ASPECTS ace subdivision under United States

## PETRASHEVSKII GROUP

[Petrashevskii poeta] Poety-petrashevisy. Vstup. stat'ia V.V. Zhdanova. Moskva, Sov. pisatel', 1966. 380 p. (Biblioteka poeta. Malala serlia, izd. 3.)

#### PETROCHEMICAL INDUSTRY see subdivision under Groznyy

PETROCHEMICAL INDUSTRY-FINANCE see subdivision under Moscow

# PETROCHEMICAL PLANTS-DESIGN AND CONSTRUC-

(see also subdivision under Omsk)

Accelerated construction of outdoor patrochemical instal-lations, L. Taran, Na stroi Ros 5 no. 3.6-7 Mr 164. Indisputable advantages. B. Sosyiⁱnikov, A. Uvarov, Na stroi, Ros. 5 no. 3:22-23 Mr ⁴65.

## PETROCHEMICAL PLANTS-SAFETY MEASURES

Operation of tanks in winter. B. T. Gulak. Bezop. truda v prom. 11 no. 1;29-30 Ja 67.

## PETROCHEMISTRY

Paushkin, IA.M. [Petrochemical synthesis in industry] Neftekhimicheskii sintez v promyshlennosti. Moskva, Nauka, 1966. 309 p.

Plate, A. F. [Petrochemistry] Neftekhimila, Moskva, Znanie, 1987. 79 p. (Narodnyl universitet: Estestvenno-nauchnyl fakul'tet, 3)

## PETROGRAPHIC MICROSCOPE

Method of X-rayed balls for determining crystallographic orientation of individuals in aggregate. B. V. Chesnokov, Min. sbo1, 20 no. 4:568-571 '66.

#### PETRO LEUM

(see also subdivision under Azerbaijan; Hibycybut Oll Field; Kamennyy Log Oll Field)

Lonin's documents on petroleum Neffanik II no 7 21-25 S '66

Treatment of oils prior to refining (2nd article). V IA Masumian, A A Naddharova, M. K Daniclian. Stortrud Az NII NP no. 3 5-17 198

## PETRO LEUM—ANA LYSIS

(see also subdivision under Azerbatjan; Dnieper-Doneis Lowland; Kobystan, Mukhan, Armenta)

Determining paraffin content in petroleum mid is troleum moduets. N.I. Demianchir, V.I. Mikhalavich. Ned 1 gaz prom. no. 6,38-39 N-D '66.

Distribution of nitrogen compounds in fractions of Bushena oil and in oils of the Neftiange Kamni field G. G. Ashumov, R. Kh. Meftelehetdinova Shei trud A. NII. NP. no. 3 45-50 458

Solubility of sulfur in various petroleum fractions, A.Kh. Amirkhanov, Izv. vys. ucheb, zav. Filim. i i him. tekh. 9 no. 5:843-844 (66.

PETROLEUM---STORAGE (see also subdivision under Mukhanovo Oli Field)

Economic -mathematical model of optimum concentration and spacing of distributing tank for ms. G, V, 55 delete. Neft khoz 41 no. 10:58-61 O '66.

Preparations of economic reform in transpariation and storage system of petroleum and petroleum products v. B. Savitskii Transp i khran, nefti i neftencel to H 35-38 166.

Research Institute of Petroleum Transportation is to presented at the Fxhibition of Achievements of hoviet 2α toolal Γεοπομή. Μ. Μ. Teniakova. (1 καμφ. i kha en nefti i nefteprod. no. U.41 *106.

Using network schedule graph methods of planning and controlling construction of installations of petrolouin supply industry. V. B. Savitskit, L. V. Pavleya. Level versuched vav.; netti gaz 9 no 0:105-109 66

PETROLEUM-THERMAL PROPERTIES | 600 autottation under Ozek-Suat OH Field

## PETRO LEUM-TRANSPORTATION

Estimating economic indices in transportation of new filtre I petroleums. G Sh. Kudolarov, F. G. Manuarov, 11 10-4 i khran.nefti i neftepi od. no II 30-32 166.

Kutyrkin, V. A., V. I. Gorelkin, and V. S. Tsycikov.
[Loading and unloading pump units of river oil parts and tankers, textbook for students in courses for and unkers, textoook to statems in courses for lateing the qualifications of the engineering and to hindal workers of the Ministry of the River Fleet Gruzoyye nasosnye ustanovki technyki milesiantoli tankerov, uchehnee posoble dita shushtelet ku nov povyshenila kvalifikatsii inzhonerno-tekhnicheskikh raboinkoy MRF. [Gor'kii] Volgo-Vintskoe knizhmen tash 58 58 58 tzd-vo, 1966. 58 p.

Preparations of economic reform in transportation at 1 storage system of petroleum and petroleum products
V. B. Savitskii. Transp. i khran nefti i nefteprod ar 12

Research Institute of Petroleum Transportation in topics sented at the Exhibition of Achievements of Soviet National Peonomy. M. M. Tentakova. Transp. i blirar nefti i nefteprod. no. lit41 [66].

Using network schedule graph methods of planning and controlling construction of installations of just obera supply industry. V. B. Savitskii, I., V. Pavlova. 14v. vys. ucheb. sav.; noft i jaz. 9 no.8:105-109 156

## PETROLEUM, HEATING OF

Thermal treatment of petroleum as a factor in in realig efficiency of pet cleum pipelines. P. V. Mikhal'l and others. Neft.khoz. 45 no.1:62-66 Ja '67.

## PETROLEUM, SYNTHETIC

Rapid method of controlling the process of exided the of synthine to atcohols. B. P. Kotellenkov, A. A. Pros. horova, N. T. Gerasimova, Trady NHSZHIMS (10.2). 83-85 IBL

Spectrophotometric determination of relative content of primary and secondary higher aliphatic alcelials h, their mixture obtained by exidation of synthin. B. P. Kotel'nikov and others. Trudy NHSZHIMSa. no. 2. 80-02 161.

PETRO LEUM AS FUEL (see also subdivision under Neftyanyye Kanmi)

Effective burning of gaseous and liquid fuels in tall as ill heaters equipped with carborondum chambers 1.5 Shevisov, D.K. Safaraliev, E.M. Shteinshnatder. 55 or trud, Az NII NP no. 3.455-461 158.

### PETROLEUM COKE

Increasing coke yield by exidation of hydraulic tar. F. I. Gurevichev and others. Netteper, i neftekhim. 4. 3 25-28 460.

Studying petroleum coke obtained by retarded ceking if asphalt. A. M. Paylovskii and others. Neftepet it: #7* - khim. no.12;20-28 466

#### PETROLEUM ENGINEERING

Approximate solution of the equation describing the motion of a homogeneous compressible liquid in an inhomog-encous clastic stratum G.S. Kambarov IV AN Azerb SSR. Ser fiz -mat i tekh nauk no 5 107-117 182

## PETROLEUM GEOLOGY

TROLEUM GLOIDOY (see also subdivision under Apsheron Peninsula; Archangel Oli Field, Aznakuyovo region, Tatar A.S.S.R.; Borislav Oli Field; Carpathian Mountuin region; Caucasus, Houthern; Dateper-Donets Lowland; Izmaylovo Oll Field; Kumdag region, Tukmenistan; Kura Luwland; Kuybyshov Province; Inivia; Mangyshiak Peninsula, Soviet Central Asia; Tuymazy region, Bushkirin; Udmurt A.S.S.R.; Ukraine; Zam ukul Oli Field)

Additional ways of expanding oil and gas prospecting, G. A. Mogilevakli. Razved, i okh, nedr 26 no. 8:46-47 Ag '60,

Fyaluating informativeness of geophysical parameters in detecting off-bearing layers with help of self-teaching programs, Sh A. Guberman, M. L. Izvekova, V. Tu-rek Izv AN SSSR Fiz.zem. no 12 37-44 166 From record to record, A. Smirnov, Neftianik II no. II-4-5 Ag '66.

Mothods of determining categories of oil reserves in peols entirely underlain by water Z, G Borlsenko, M, N, Soson, A, G, Mrov. Gool, nefti 1 gaza 10 no 12, 28-30 D 166.

Methods of prospecting for gas pools with oil rings, V.P. Savchenko, M.M. Zykin. Gool. nefti I gaza 10 no 12 7-0 D 186

Ratios between development level of petroleum production industry and raw material resources M, M Brenner Gool, nefti i gaza 10 no. 12 46-51 D '66

Veber, V. V. Fracies of deposits favorable for formation of potroleum Fatsit ottozhenii, blagopriiatnye diia obrazovaniia nefii. Moskva, Nedra, 1986. 272 p. (Moscow. Vesaduznyi nauchno-issiedovano) akti geotogorazvedoch nyi neftlanol institut, Trudy, no. 56)

#### PETROLEUM GEOLOGY-MODELS

Experimental unit for sutdying petroleum migration in gas phase at pressure up to 1200 kg/s m² and temperature up to 130°C – T. P. Satronova, T. P. Zhuze, B. A. Itogov, Mash i neft, ohor. no. 12·5-9 (df.

#### PETROLEUM IN SUBMERGED LANDS

1 ack for oil in ocean hottom. A. Chernov. Neftianik 11 no. 8. J5 - 37 Ag  $^{+}66$  ,

## PETROLEUM INDUSTRY

(see also aubtivision under Azerbaljan; Iraq; Siveria, Western; Turkmenistan)

All-Union day of workers employed in petroleum and gos induntries, II B Gallperson Neftlantk II no. 0:1-3 5 '66.

Contennial of acientific and technical societies. N. V lakushova, I. L. Cherniak Neft khoz 44 no. 11 60-63 N ISS.

Leanons of the ill-fated embargo. B Rachkov Vuesh,

to g. 46 no. 12 50-51 466.

Ict us mark our hollday with now work successes,
Neftienik II no. 8:1 Ag '66.

Vacations and length of souvice. V, Krivorotov. Neftianik
II no. 6:14 Ag '66.

## PETROLICUM INDUSTRY-FINANCE

(see also subdivision under Turkmenistan)

Fishelenko, V.I. [Working capital of geological pros-pecting enterprises and ways to accolorate its turnover] Observings sredsiva geologopoiskovykh predprintil i put uskorenita ikh obsarchivamonsti. Ufu, Basikirskos knizhaos izd-vo, 1961—89 p.

### PETROLEUM INDUSTRY-FINES AND FINE PREVENTION

[Collection of fire-provention specifications for designing industrial enterprises and populated places. Sbornik protivopozharnykh norm strottel'nogo proektirovanila promyshtemykh predprijatii i nasolomykh mest, Moskva, Strottzdat.
Pt. 3. 1965. 392 p.

## PLTRO LEUM INDUSTRY-HYGIENIC ASPECTS

bkin hygiene when working with petroleum and its pro-ducts. M. Bugnova, V. Laklanov Noftianik II no. 8. 38-39 S '06.

## PETROLEUM INDUSTRY-SAFETY MEASURES

Protecting workers' labor is a vital concern of trade unions. V. Alekseov. Neftianik 11 no. 8,18-19 Ag '66.

## PETROLDUM PIPELINES

(see also subdivision under Siberia; Ural Mountain region)

Autonomous pnoumatic system of pressure stabilization in petroleum pipelines operating "from pump to pump," P. A. Moroz. Transp. i khran, nefti i nefteprod, no. li: 0-11 100.

Pronomic efficiency of consecutive pipelining of automobite gasoline and diesel fuel in order to increase small ripeline loads. M. M. Mel'nik. Neft. khoz. 14 no. 12: 53-56 D '86.

Patriotic initiative of Ural-Sherian petroleum pipeliners approved. Nefflanik II no. 9:3-4 S 166.

Study of paraffin and resin depositions in "Druzhba" petroleum pipeline O IA, Kaganov Neft, khoz 44 no 11 57-59 N 166

Thermal treatment of pote cleum as a factor in increasing efficiency of pote cleum pipelines P.V. Mikhalleov and others. Neft khoz. 45 no 162-66 Ja '67

Using polyethylene scaling collars of rods in pett oleum pipeline control valves M D Sokov Neft, khoz, 41 no, 12 56-57 D '66

## PETROLEUM PIPELINES-COSTS

Use metal economically in pipeline construction and maintenance in U S.S.R., as a topic for discussion P IA, Beider Neft khoz. 44 no 11 55-57 N 166.

#### PETROLEUM PIPELINES-ELECTRONIC EQUIPMENT

FKP-7 3-type electronic apparatus for controlling consecutive piping of petroleum products. A M Aleksan-drov and others. Transp i khran neftr i nefteprod

#### PETROLEUM PIPELINES-MAINTENANCE AND REPAIR

Expenditure norms for materials used in maintenance and exploitation of pipeline transportation A P. Martynov, IU. Kh. Mukaov. Transpikhian, neftiinefteprod no li 11-13 166

#### PETROLEUM PRODUCTION

(see also subdivision under Artem Island Otl Field; Azerbaljan; Bashkirja; Bavly Oll Field; Borislay Oll Arrowagan; pasataria; paviy Ott Field; Horistav Ot Field; Carpathian Mountain region, Chechen-Ingush A.S.S.R.; Duvannyy-More Oil Field; Gryazevaya Sopka Oil Field; Komi A.S.S.R.; Mangyshlak Pen-Insula; Sangachaly-Moro Oil Field; Ukraine; Voznosenka Oil Field)

Advanced collectives; results of socialist competition for the second quarter of the year, A. Smirnov Notianik II no.101-5 O 166.

Depletion of inclined oil beds with dissolved gas drive, S. A. Kundin and others. Azerb neft, khoz. 45 no Il 35-36 N (66

Fronomic efficiency of cutting and drilling second shafts in fields of Oil Field Administration named after "26 Baku commissars" M. A. Salimov, A. G. Paylov, T. M Gusoinov, Azerb, neft, khoz 45 no, H 47-48 N '66

Effect of flow speed on phase changes in well. L. M. Muray'ov. G. Z. Ibi agimov. Izv. vys. ucheb zov.; neft i gaz 0 no.0;31-35 '66

Experience in plotting maps of reduced isobars and de-termining reduced weighted overage reservoir presaures. R.V. Mis'ovich. Neft.i gaz. prom no 5:32-35 S-O '66.

From record to record, A. Smirnov, Neftlanik II no. 8-4-5 Ag '66,

Industrial instruction is an effective means for learning, consolidating and introducing progressive experience, E. Bondareva. Nefttanik 11 no. 6,17-18 Ag '66,

Methods of distributing yields in separate exploitation of two layers in one well E.S. Orudzheva, I.IU. Prok. V.F. Troitskii. Neft.khoz 45 no 1:52-55 Jp '67

Performance of gas in flowing and pumping wells. G.Z.

bragimov, Neft, khoz. 44 no. 11:52-54 N 166. Period between reprirs of sand producers. D. I. lamail-zade and others. Azerb, neft khoz. 45 no. 11:33-35

Petroleum production industry on the eve of the 49th anniversary of the Great October Socialist Revolution Neft, khoz. 44 no. Il·1-5 N '66,

Ratios between development level of petroleum production industry and naw material resources. M.M. Brenner Geol, neftligsza 10 no. 12:46-51 D 106.

Results of patroloum production industry for 1986 and its objectives for 1967. V.D. Shashin Neft khoz. 45 no.1:1-6 Ja * 67.

Selection of information parameters of measuring devices, V.P. Faddeov. Mash, incft, ohor, no 12·23·25 166 Using radiotelemechanical systems in central control of oil field industrial installations. R. M. Razu. Neft. Phoz

44 no.10,37-39 O '66.
World production of oll in 1985. V.Ivanov. Neftianik
11 no.10:38-38 O '66.

# PETROLEUM PRODUCTION—ACCOUNTING (see also subdivision under Perm Province)

Problems of management and internal business accounting, as a topic for discussion, G.E.Khanin Neft.khoz 44 no.11:6-9 N *86

#### PETROLEUM PRODUCTION-COSTS (see also subdivision under Bashkiria, Caucasus, Northern)

An addition to methodology of planning oil field equipment, S.G. Markarov Neft, khoz 44 no 11:9-11 N

Economic method for estimating effectiveness of development of oil fields. I.V Korshunov, T.V. Komarova, Neft, khoz. 44 no, 12 3-5 D 466.

#### PETROLEUM PRODUCTION, THERMAL (see also subdivision under Uzbekistan)

Conference on "Thermal methods of increasing petroleum production, and geothermology of oil field." L. Tol-stov. Noft.khoz. 44 no.10:70 O '86.

Measuring temperatures during injection of steam into for mation. V. A. Bragin, A. R. Garushev, Kh. G. Kurtsautov. Neft Phoz. 44 no 10 34-36. O. '66

T-piece for lead-in of electric cable in electrothermal well treatment A Alies, V kalinichenko Neftianik II no 8 31 Ag '66

#### PETRO LEUM PRODUCTS

Catalytic cracking of heavy distillates as a source of petrochemical gaseous feed V.S Alicy V S Gutyria, Sh K.kazimov, Shor trud Az NII NP no. 3 282-295 '58

Losikov, B.V., ed. [Petroleum products, properties, quality, usc. Manual] Nefteprodukty, svolstva, kach stvo, primenenic. Spravochnik. Moskva, Khimila, 1966, 776 p.

Thermocontact pyrolysis of pep oleum stock in combined system consisting of reactors of rising flow and fluidized bed B V Erofeev, IU G, Egiazarov Nefteper 1 neftekhin, no 8 29-31 169

#### PETRO LEUM PRODUCTS-ANALYSIS (see also subdivision under Perm Province)

Determining paraffin content in petroleum and petroleum products M. I. Demianchik. V I Mikhalevich Neft. i gaz prom no 6:38-39 N-D '66

#### PETROLEUM PRODUCTS-STORAGE

Activity of inventors and efficiency promoters on tank far ros of Main Administration for the Supply and Market-ing of Oil and Oil Products of Ukrainian S.S. R. during the seven-year plan V. IA. Maceskil. M. I. Marder. Neft igaz.prom. no 6,49 N-D '66.

Economic efficiency of flow diagrams of underground petroleum products reservoirs in saft formations F.M. Strazetdinov, G.Sh. Kudotarov Transp i khran nefti i nefteprod no It 32-35 166.

Exploitation of underground reservoirs of petroleum products, built in salt deposits IU. G. Isupov. N. N. Khaziev. V. A. Abakumov. Neft. khoz. 44 no 10:61-64 O '66.

Intensification of process of scouring salt deposits for petroleum products and liquefied gas reservoirs N. K. Sidoi ova Neft i gaz prom no-6:42-14 N-D 66.

Mobile MP-1 electric oil pump L S Ustimov, E. D Morchadze Transp i khran, nefti i nefteprod no. Il 39-

#### PETRO LEUM REFINERIES

First rectification columns in refineries. K.V. Kostrin. Izv.vys ucheb zav.; neft' i gaz 9 no.8,ll5-ll8 '66

PETRO LEUM REFINERIES-DESIGN AND CONSTRUC -

TON (see also subdivision under Moscow, Ryazan; Yaroslavi)

Protect efficiently outdoor installations. V. Rygalov, V. Sokolov Na stroi Ros 5 no 3 14-15 Mt 164,

Selecting optimal means of mechanizing assembly of high ise structures for petroleum refineries, V D Taran, K.K.Kotov, Prom. stroi. 44 no 12 2-5 466.

We are investigating new possibilities, B Karpov Na stroi Ros, 5 no. 3, 21-22 Mr 164

# PETRO LEUM REFINERIES—EQUIPMENT AND SUPPLIES

Ivanots, K.IA., and A.N. Leibo. [Equipment of petro-leum refinerles and its exploitation] Oboundovante neftepererabatyvaiushchikh zavodov i ego ekspluatatskia. Moskva, Khimita, 1966. 34 p.

PETRO LEUM REFINERIES-FINANCE see subdivision

PETRO LEUM REFINERIES-MANAGEMENT see subdivision under Perm

## PETROLEUM REFINERIES-SAFETY MEASURES

Ginzburg, M.B. (Safety engineering in petroleum re-fineries) Tekhnika bezopasnosti na neftepererabaty-vatushchikh zavodakh. Baku, Azerbaidzhanskoe gos izd-vo, 1962. 110 p. [MICROFILM]

## PETROLEUM REFINING

Gree also subdivision under Bashkiria; Caucasus; Groznyy; Moldavia; Mukhanovo Oil Field; Perm Province; Homashkino Oil Field, White Russia)

Compounding of petroleums as method for increasing economic efficiency of performance of petroleum refineries. G Z, Idiatullin and others. Nefteper i neftekhim. no. 8 3-6 '66.

Losses of petroleum products in gas fractionating units. R. M. Mavintov, D. N. Boichuk. Nefteper i neftekhim. no. 12:4-7 '66.

Noncloth filters for purifying white patroleum products, K. V. Rybakov. Transp, i khran, neft1 i nefteprod no Il 25-29 166.

Reducing gas losses in petroleum refining. S. G. Mar-shalkovich. Nesteper i nestekhim. no.12;43-45 466.

Study of thermal decomposition process of various light oil fractions, M.M. Ramazanzade, D. A. Aliev. Azerb. neft, khoz 15 no. 11.40-42 N 166.

#### PETROLEUM REFINING-DEASPHALTING

Alsorption refining of deasphalted products of Kamunny Log pittoleum - I M Nikolaeva, V D Mikarov Neftepat, 1 neftekhum - no 10 5-7 ¹⁶⁶

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#### PETROLEUM REFINING-EQUIPMENT AND SUPPLIES

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#### PETROLEUM RUFINING-LABOR PRODUCTIVITY

Liffect of specialists! qualifications on labor productivity in petroleum refining industry, as a emplified by two large enterprises. R. E. Matushchenko. Izv yvs ucheb zav., neft! gaz. 9 no 8:101-101, '66

## PETRO LEUM REFINING-TECHNOLOGICAL INNOVA-

Andrianov, V.M., and V.A. Bugrov. [Economics of petroleum refining and technological progress] Ekonomika neftepererabotki I tekhnicheskii progress. Uta, Bashklı skoe knizhnoe izd-vo, 1962. 173 p.

#### PETROLEUM RESEARCH see subdivision under Bashkirla

#### PETRO LEGIS WORKERS

PETROLEUM WORKERS
(see also subdivision under Azerbatjan; Baku region;
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#### PETRO LEUM WORKERS-EDUCATION AND TRAINING

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#### PETRO LOGY

(see also subdivision under Aldan Plateau, Dnieper-Donets Lowland; Sayan Mountains, Transbalkalia; Vestfold Hills, Antarctica, West Siberian Plain)

Akademila nauk SSSR. Dal'nevoslochnyl filial, Dal'ne-voslochnyl geologicheskli institut [Problems of the petrology of metamorphic and igneous rocks] Voprosy petrologii metamorfichesklikh i magmaticheskikh porod. Vladivoslok, 1965-64 p

Characteristics of the petr ography of ore deposit areas, A.IA, Bulynnikov. Trudy TGU 164,86-95 163. Effect of postminer all processes on the content of accessory muncular in grantinds VV Linkhovich, VI. Noneshnikova Trudy IMGRE no 4 110-150 160

[Gremyakha-Vyrmes Massif in the Kola Peninsula] Massiv Gremlakha - Vyrmes na Kol'skom poluostrove. [By] A.A. Polkanov i dr. Moskva, Nauka, 1967. 235 p.

Augmente properties and composition of sedimentary de-posits in equatorial Atlantic. 7 S Lebedev and others. Geoffz, sbor. no 17:3-31 '66

Study of microstructural and microtextural characteristies of clay and locss rocks using election microscope, G G, Illinekeia Vest Mosk un Ser 1 Geol 21 no 6 A--92 N-D 166

### PETRO LOGY—CONGRESSES

Fourth All-Union Conference on Lithology, N.M. Baranova, Geol, zhur, 19 no 6 120-121 159

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### PETROV, FEDOR NIKOLAEVICH, 1876-

Beginning of the road, L. Pinchuk, Sem'in i shi ola 21 no 7 2-5 Jl '88,

With weapons and books. Z Dyon is Knizh. torg. 18 no 1:9-10 Ja '67.

## PETROV, NIKOLAI NIKOLAEVICH, 1876-

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### PHARMACEUTICAL RESEARCH

Basic trends in the search for antileukemic therapeutic agents V A. Chernov, T. S. Safonova, Probl. gemat, i peref. krovi 10 no. 12:3-13 D 165.

PHARMACEUTICAL SOCIETIES see subdivision under Khmelinitskiy; Vinnitsa

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Sul, Virve, [What we must know about medicines] Mida peab teadma tayimitest. Tallinn, Valgus, 1986. 41 p. (Tendus ja tervis) [In Estonian] (DNLM)

#### PHARMACY

(see also subdivision under Royno Province; Ukraine)

Brief news and information Tarmatsev, zhui, 17 no.20

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Lectures for physicians, K S Aleksicieva Farmatsev.

One-day inventory in a pharmacy, V. F. Karasi, Farmatsev zhur, 17 no 2 79-80 '62

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Cytomorphological characteristics of pharyngeal mucous membrane in practically healthy persons and in gastroenteritis patients. I. J. Kallshiein, A. I. Shehmenkova, Izv Otd, biol nauk AN Tadzh, SSR, no 4:100-107 '66

## PHARYNX-SURGERY

Total intestinal esophagoplasty in cicatricial stenosis of the esophagus and pharynk, B.A.Petrov, A.P Sytnik Khirungija 38 no li 14-10 N 162

### PHASE DIAGRAMS

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## PHASE RULE AND EQUILIBRIUM

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Change of marteneite structure in nickel steels during aging G. V. Kurdiumov, L. K. Makhailov. Fiz.met i metalloved. 22 no.6,941-943 D ¹66.

[Constitutional diagrams of metal systems, published in 1964] Diagrammy sostolanila metallicheskikh sistem, opublikovannye v 1984 godu. [By] S. P. Alisova, P. B. Budberg. Moskva, Proizvodstvenno-Izdatel'skii kom-Budherg. Mo binat VINITI.

No.10. Pod red. N.V. Agesva. 1966, 239 p. Constitutional diagrams of systems Th - Pr and Th - Nd. T. A. Badaeva, R. I. Kuznetsova lzv AN SSSR Met no ! 175-18t Ja-F 467

Dependence of saturation magnetization and electric resistance of nickel-zinc-cobalt ferrites with an induced rectangular hystorisis loop on phase constitution. A.D. Sokolov. M. N. Fedorova. Fiz. met. 1 metalloved. 22 no.4:631-632 O '66.

Effect of nickel additions on the phase constitution of fron-beryllium altoys. IA, S. Umanskit, I. C. Shevkun, Izv. AN SSSR, Met. no. 1:115-146 Ja-F '67
Effect of polymorphic transformations on structure of thallium, L. N. Larikov, V. M. Fal'chenko, Dop AN URSR no. 12:1502-1593 '66.

Effect of thermocyclic treatment on properties and struc-ture of alloys containing phases with various coefficients of linear expansion. M. L. Khenkin and others. Fiz.met. i metalloyed. 22 no.63896-803 D '86.

Equilibrium liquid - vapor in the system water - heratein at 200 mm. Hg pressure, R.P., Knaanova, S.Sh. B., k. Zhui priki khim. Hi no. 6 1373-1476 Je (6)

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Saponification and driving of products of condensation of alkylphanol with for maltehyde in unit of continuous operation. A, M, Kuliev and others. Notices of more

operation. A, M. Kuitev and othera. Netterer Traffe khim no.12;30-33 '66. Vutcanization of actylic rubber with phenot formaticl. (-resins. M. M. Fondcheva, N. F. Gordienko, Karch I rez., 25, no.12;9-11 'bb.

#### PHENOL CONDENSATION PRODUCTS, EFFECT OF TEMPERATURE ON

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# PHENOLOGY see subdivision under Klynchi regles (Kamehatist)

### PHENOIS

Acylation of 2, fi-di-tert-butylphenol, N. V. Politick's, A. A. Volod'kin, V. V. Freihov, Izv. AN SSSR. oct. 141 no. 12:2243-2244 466.

Comparison of the reactivity of mathylated derivatives of oaxalic acid diamides with altrophenols. B. V. Tre nov, A. P. Izakenatte, V.D Galltsey Trudy 100 168

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Condensation of acceptance with phonol in the presence of the KU-2 cation exchange resin V I, Value, V, D, Risboy, B, M, Pli istinskii – Zhar, prikl, khim. (4) 1, 1 + 1380-1301 Je (6).

Effect of sulfa group in acc coupling reactions of plants. A. A. Sprynkov, L. N. Golubkin. Lev. vys. uch b. z v., khim, 1 khim, tekh. 8 no. 5;785-760 '86. Electric conductivity of the systems of phenola with

aldebydes and ketones, Report No. 1, R.M Kulikasa V.D.Ryzhov, Trudy TGU 185,83-87 165

Electric conductivity of the systems of phenole with aldehydes and ketones Report No. 2, R. M. Kulik s. V. D. Ryzhov, B. V. Tranov, Trudy TGU 185 (18-52)

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Pies of dienone-phenol real) angement of ionol help omide as studied by means of nuclear magnetic sources. A.I Brodskit and others. Doki AN SSSR k.no.1+122-125 Ja '67.

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iphrative study of the resistance of two age groups is inhow thout (Salmo iridous Gibb.) to toxic effect themel. V.I. Luktinenko, B.A. Flerov. Trudy inst. ol. vnutr. vod. no.10 295-299 166.

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LIPPINES—FOREIGN RELATIONS—UNITED STATES d-Americanism in the Philippines, G. Orlov. Az, i ß seg 10 no.1.20-22 Ja 167,

no 22d Congress of the Communist Party of the Soviet Jaidon and our tasks. Nauch, dokl. vys. shkoly, filol jaiki 5 no. 1:3-7 62,

## TO LOGY —METHODO LOGY

(hodological problems in linguistic.) Motodologichni pamila movoznavstva, Kyiv, Naukova dumka, 1966. 11 P. (CoU)

DIOGY, COMPARATIVE—BELIOGRAPHY see

# IOSOPHICAL ANTHROPOLOGY

gounded idealistic principles of the philosophical an-propology of Christian existentialism. E U. Dubinski gestet AN BSSR. Ser. hram. nav. no. 4 119-127 '66,

(10 SOPHIC AL, HESEARCH (see also subdivision under Siberia, Eastern) secritations in the field of philosophy defended in the 1055/1056 neademic year. M. F. Ovsiannikov, IU. A. petrov. Vop. filos. 21 no. (1150-153 167.

#### PHILOSOPHY

Correlation between the categories of "laws" and "general principles" V.A. Pashaev. Izv. AN Azerb. SSR, Ser. 1st., filos r prava no. 3 72-79 '66.

Vodzinskii, E. I. [Russian Neo-Kantlanism in the late 19th and carly 20th century, Marvisi-Leninist criticism of its ontology and gnoseology] Russ-soe neokantiansivo Fontsa XIX-nachala XX vekov, marksistsko-leniniskala kritika ontologii [Leningrad] Izd-vo Leningi univ , 1968—77 p

PHILOSOPHY—BIBLIOGRAPHY see Bibliography—Philosophy

#### PHILOSOPHY—CONGRESSES

The Si th International Congress of the Students of Hegel A. P. Sov. 108, 1 pravo no. 1136-138 In 167

#### PHILOSOPHY—DICTIONARIES

[Dictionary of philosophy] Fitosophia leksikon. Tallinn, Eesti Raamat, 1965. 482 p. [In Estonian]

#### PHILOSOPHY—STUDY AND TEACHING

Russia (U.S.S.R.) Ministersive vysshege i srednege spetsial nogo obrazovanila. [Program for the course in the history of philosophy for the institutions of higher education (70 hours)] Programma kursa istorii filosofil dila vysshikh uchebnykh zavedenii (70 chasov). Moskva, Mysl', 1967. 51 p.

#### PHILOSOPHY, BURYAT

Philosophical views of Dorzhi Banzarov L. A. Petrov. Trudy Irk, un 38 no 125-39 65.

#### PHILOSOPHY, GERMAN

Germany's progressive philosophical heritage from the last third of the 17th to the end of the 18th century R.O Gropp Nauch doki vys, shkely, filos, nauki i no. 1-86-97 [6]

Jona real philosophy Pt.2 (conclusion), Ci.W.F. Hegel. Vest Mosk, un Ser. 8 Filos, 21 no 6 53-82 N-D '66.

#### PHILOSOPHY, GREEK

Some characteristics of the present-day bourgeols philosophy of Greece D.G. Kasuras Nauch, trudy TashGH no. 279-78-95 '65.

PHILOSOPHY, RENAISSANCE Skepticism in the late Remissance and the struggle for a materialistic philosophy. V. Beguslavskii. Nauch dokt. vyz. shkoly. filez. naukt 1 no. i 117-125 [6]

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Modulation nature of speech and differential features of phonomes. V I. Grigor'ev. Vop inc. no. 147-61 Ja-r '167.

Structure of the syllable and characteristics of phonemes. 1. V Bondarko Von iaz. no. 1:34-16 Ja-F 167

Stress and tone in respect to phonology and phonetics, P S Kuznetsov, Publ, Otd struk, i prikt lingv. MGU no. 1 84-115 '65

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## PHONONS

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### PRONONS—SCATTERING

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### PHONORECORDS—CATALOGS

[Soviet longilaying phonorecords] Sov. dolgoigr. gramplast, nos. 6,8-12 '65, nos. 1-2 '66.

Determining phosphamide in animal tissues by the method of thin layer chromatography. V V.Kadnikev. Khim, v sel', khoz., 5 no. 1 54 - 55 Ja 167.

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Comparative study of fermentation activity of acid phosphotose and phosphoglucomutase in various adsorption layers. E.S Voi objeva. O. M. Poltonak Vest. Mosk un Sei 2: Khim. 21 no 647-20 N-D '66

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Applying pesticides to granulated superphosphates.

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Composition of aqueous solutions of phosphates at different temporatures, pH, and ionic stringths of solution M, 5 Pasechnil and others. Vest I GU 21 no 22 150-162 186

Developing a technology for the introduction of phosphorus into hold objets media by the use of phosphorite meal and apritic concentrate. I. I. Korol'kev and others. Short total, MIGO 14,57-69 465.

Economic efficiency of substituting superphosphate by natural phosphates (spattle concentrate and phospholite meal) in the hydrolysis industry A. I. Kozlov, I. A. Kutrueva, Shor. trud. NHGS 11:70-78 '65

Role of phosphates in increasing the effectiveness of herbrades. M. IA. Berezovskii, B. A. Smirnov. Khim, v sell, khoz. 5 no. 1 35-38 Ja 167.

Studies in the field of dehydrated ammontum, potassium, and magnesium phosphates. S. I Vol⁴kovich, L. V. Kubasova, Vest. Mosk un Ser. 2 Khim 21 no.6,43-49 N-D 66

Titrating phosphoric acid and its mixtures with phosphates in nonaqueous media. A.P. Kteshlov. V A Drozdov. N.A. Kolchina. Khim v sell khoz. 5 no 1 59-63 Ja 187.

Ways for improving the supply of agriculture with phosphorite meal. G.S Paylova. Khim, v sell khoz, 5 no. 1 66-67 Ja 167.

#### PHOSPHATIDES

Distribution of phospholipides in mucous membrane of small intestine in laboratory animais and man 2. M. Gadzhieva. Aikh anat gist i embr 51 no. 10:58-62

#### PHOSPHINIC ACID

Preparation of alkylamides and throulkyl esters of ter-tiary (chloro-substituted) alkovyarylpho-phinic acids V K Khalruffin, M A Kuryleva, T I Sobchuk Izv AN 5554, Ser khim, no 199-103 Ja 487

### PROSPHINODIFHIOIC ACID

Alkylthionophosphine sulfides. Report No. 44 Method of preparation of ammonium salts of Alkyl-N-dialkyl-amthodithiophosphinic acids. C.N. Grishina. I.A. Sobolova. Izv. AN SSSR, Ser. khum. no. 12:2139-2142

### PHOSPHOGLUCOMUTASE

Comparative study of fermentation activity of acid phosphotase and phosphoglicomutase in various adsorption layers. E. S. Votob'ev. O. M. Poltutak Vest Mosk. un-Ser. 2: Khim. 21 no. 6:17-20 N-D '66.

## PROSPHONOTHIOIC ACID

Anticholinesterase properties of O-n-alkyl-S-butylmethyl thiophosphonates A. A. Abduvarhabov and others. Dokl. AN SSSR 171 no 4:857-859 D 166

### PHOSPHORESCENCE

Carbazole phospholescence. H. M. Kysliak, H. M. Lysenko, V. I. Ponochovnyi. Ukr. fiz. zhur. 11 no. 12:1350-1354 D 166.

Measuring the duration of excited state at high excitation levels, T.K. Razumova, Opt. 1 spektr. 21 no. 5: 647-649 N '66.

## PROSPHORIC ACID

Phosphate compounds of hexavaient plutonium, R. G. Denoikina, V B. Shevchenko, Zhur, neorg, khim. 12 no. 1.67-92 Ja 167.

Reaction of gadolinium chloride with orthophosphate long in aqueous solution at 25°C I, V, Tananaev, S, M, Petrushkova Zhur, neorg, khim. 12 no. 1,81-86 Ja '67.

Thrating phosphoric acid and its mixtures with phosphates in nonaqueous media. A P. Kreshkov, V. A. Drozdov, N. A. Kolchina. Khim. v. sel', khoz. 5 no. 1:59-63

Ja '67

## PHOSPHORIC TRIAMIDE

Interaction of acyldiethytenetriamides of phospho ic acid with hydrogen chloride and chlorine. L. D. Protsenko, N. IA. Skul'ekaia, Ukr. kblm. zhur. 32 no. II:II98-II99

#### PHOSPHOROTHIOIC ACID

Ethylenimides of arylphosphorous and thiophosphoric acids. N. A. Buina, I. A. Nuretdinov, N. P. Grechkin, Izv. AN SSSR Ser. khim. no. I 217-220 Ja 167.

#### PHOSPHOROUS ACID

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#### PROSPHORS-SPECTRA

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#### PHOSPHORUS

Reduction of nitrobenzene by yellow phosphorus N S Kozlov, V A Soshin, Uch zap Perm ped inst 32 77-

Reduction of nitrobenzene substituted derivatives by yellow phosphorus. V Soshin Uch zap Perm ped inst 32 84-86 '65.

PHOSPHORUS-EFFECT ON PLANTS see Plants, Effect of phosphorus on

#### PHOSPHORUS ISOTOPES-THERAPEUTIC USE

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#### PHOSPHORUS EGTOPES IN THE BODY

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#### PHOSPHORUS METABOLISM

Effect of potassium matrition conditions on the phosphorus metabolism and protein synthesis of plants M.N. Biszlindny Vestsi AN BSSR. Ser selthasp.nav. no 4; 24-29 66.

Studying the metabolism of phosphorus and calcium in growing poultry. G V. Filatov Doki TSKHA no 15; 181-185 '59.

Transformations of phosphorus compounds in germinating and ripening seeds of cotton, M Kh Ibragimov, Nauch trudy TeshGU, no. 210, 75-81, 162

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### PHOSPHORYL CHIORDE

Mixed esters of tertiary (chloro-substituted) alkylphos-phorous acids. V. K. Khattuilin, V. N. Eliseenkov. Izv. AN SSSR, Ser. khim no 194-99 Ja 167.

Radiometric analysis of P (active) Cl₃ preparations for P(active) Cl₃ impurity. V M. Gorbachev. E. I. Torgova Radiokhimiia no 6:710-711 '66.

### PHOSPHORYLATION

Effect of ionizing radiation on oxidative phosphorylation processes in tissue mitochondria S.I. Mokhara Vestsi AN BSSR, Ser. biial nav. no.1:27-33 '67.

Effect of photophosphorylation inhibitors on the photosynthesis and metabolism of the assimilating cells of Chlorella pyrenoidosa Chick. O. V. Zalenskii, T. A. Glagolsva, M. V. Chulanovskaja. Bot. zhur. 51 no. 12. 1718-1727 D 66.

### PHOTOCHEMISTRY

Changes in electric conductivity in the course of photo-chemical reactions in solutions of safranine T. IU. M. Stoloyiiskii, V.B. Evstigneev. Teoret. 1 eksper. khim. 2 no. 5.841-848 S-O '88.

Comparative study of photochemical chlorination of ethylchlorogermane and ethylchlorosilane. M. A. Kadina, G. IA. Zueva, A. G. Kechina. Izv. AN SSSR, Ser, khim no. 12;2215-2216 68.

Comparison of photovidation of bacterioviridin and bacteriochlorophyil in the reaction of photoproducts with reducing agents, A.A. Krasnovskii, E.V. Pakshina, I.M. Sapozhnikova, Dokl. AN SSSR 172 no 3 727-730 Ja 167.

formation of free radical states following visible light effect on systems containing chlorophyli. G. T. Rikhi-reva and others. Biofizika 11 no.5;796-804 ⁴66.

Photochemical cross-linking of polyethylene in the presence of some sensitizers. O. O. Kachan, H. V. Cherniavs'kyi, V. O. Shrubovych. Dop, AN URSR no. 10.1312-1314 '86.

Photochemical reactions of cyclopentadienylniobium tetracarbonyl. A. N. Nesmelanov and others. Izv. AN SSSR, Ser. khim, no. 12:2231-2233 '66.

Photolytic decomposition of discyl peroxides studied by means of electron paramagnetic resonance S. S. Iv chev and others. Dokl. AN SSSR 171 no. 4:894-897

Pulse photolysis of solid organic substances studied by irrans of electron paramagnetic resonance A I Riv-kind, L I Medvedov Doki AN 558R 172 no 1437-140 Ja 167

Role of ionic states in photosensitized two-quantum reactions of an ematic compounds at 77° k. B N Sherimov and others. Bokl AN SSSR 172 no 3 635-658 Ja 467

Sensitization of photobicaching and photocoloration of spiropyrans by means of triplet-triplet energy trans G I Lashkov, V. Ermolacy, A.V Shahlia, Opt. 1 spektr. 21 no. 5 546-519 N 466.

Studying the role of singlet and triplet excitation phases of tryptophen in trypsin photoinactivation. S. V. Konev. I. D. Volctovskii Biofizika II no 5:791-705 '66

#### PHOTOCONDUCTIVITY

Effect of in adjustion by fast electrons on photoconductivity spectra of GaAs crystals grown in hydrogen atmosphere A. F. Plotnikov. M. A. Selezneva. Fiz.tver.tela 8 no.11. 3392-3393 N 466

Extrinsic photoconductivity of germanium doped with antimony, as senic, boron, and indimm. T. M. Lifshits. F. IA. Nad', V. I. Sidorov. Fiz. tver. tela. 8 no. 11:3208-3212 N '66

Photoconductivity of silicon with Au and Zn admixtures K. D. Hlynchuk, A. D. Denysova, N. M. Lytovchenko fiz zbur 11 no 12 1324-1331 D 166,

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#### PHOTOE LASTICITY

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Studying the breaking of hard rocks by hydraulic wedge method IU. A. Dankov. A. IA. Krasikov. Ivv.vys. ucheb. 22v ; gor zhur. 10 no 1:101-104 '67

#### PHOTOELECTRIC CELLS

Antireflection coating on silicon photocells. M.M. Koltun, T.M Golovner, Opt. 1 spektr. 21 no. 5: 630-637 N '66.

Olesk, A.O. [Photoresistors] Fotorezistory, Moskva, Energla, 1966. 128 p. (Biblioteka po avtomatiko, no. 215)

#### PHOTOELECTRIC MEASUREMENTS

Photoelectric device for recording nystagmus A. I Lopolko, P. M. Singurov, A. A. Shurubura Fiziol, zhur 52 no Il:1389-1391 N. 166

## PHOTOE LECTRICITY

Study of the spectral dependence of the photoionization of sensibilizing centers in cadmium sulfide. V. F. Lash-karev. A. A. Ptashchenko. Dovl. AN SSSR 172 no.1,77-

## PHOTOGRAMMETRY

Graph showing deformations with stereocomparator. G.P.Kudilavisov, V.M.Levin, Transp. stroi, 16 no. 4.53-55 Ap '66.

### PHOTOGRAPHIC INTERPRETATION

Interpretation of aerial soil photographs of soil cover of the subzone of turf-Podzolic soils. M.S. Simakova. Pochvovedenie no 1:19-26 Ja *67.

Large-scale mapping based on acrial photographs of soils in the areas with moraine and lacustrine-glacial deposits of the taigs zone. IU.S. Tolchel'nikov. Pochyove-dente no 1-26-40 Ja '67.

Significance of aerial photographic surveying in agriculture O.V. Kaloshina, N.I. Sokolova, Dokl. TSKIIA no. 44:)39-143 159.

Use of aerial photographic surveying in searching for and designing of roads. S. V. Belov. Shor mauch, -issl. rab, po les, khoz. no, 6 121-178 '63,

## PHOTOGRAPHIC SURVEYING

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### PHOTOGRAPHS-COLLECTORS AND COLLECTING

Let us increase the archival collections of photographs. V. F. Runge, Sov. arkh, no. 5:75-78 166.

## PHOTOGRAPHY

Lepik, August. [Photography for beginners] Fotogranfia algajaile. Tallinn, Festi Raamat, 1985. 341 p. [In Estonian]

## PHOTOGRAPHY, AERIAL

Vinogradov, B. V. Aerial methods of studying vegetation in arid zones Aerometody izuchenita rastitel nosti aridnykh zon. Moskva, Nauka, 1966. 360 p.

#### PHOTOGRAPHY IN NUCLEAR PHYSICS

Chekh, IAn. [Sem] conductor control scheme of a scanning device to spark chamber films]. Polyprovodníku vaju skhema upraviením pribora dlia prosumotra pletki s Iski ovykh kamer - Dubna, 1967 - 4 p.

[Highly localized bright tracks in a helium-filled attrance Highly locative or igniviness in a neithing-frace disease chamber] Poluchenie khorosho lokalizovannykh alch , vysokot farkosti v sirimernol kamere s gellem [n,] M.M Kullukin i dr. Dubna, 1987 20 p

## PHOTOMAGNETIC EFFECT

Quantum theory of the photomagnetic effect in semice ductors. V. N. Sobakha. Dokl. AN SSR 167 no. 2 311 ductors, V. ... 121 Mr 166,

#### PROTOMETERS

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Noncontact functional transformers as measuring de l'es of automatic photometers. R.A. Krugfox. Trudy capt no 199 33-49 366.

#### PHOTO METRY

Calculating the image Illuminance. Part is teeneral techniques V.F. Medvedev, G.G. Partishada, O.t. apekts. 21 no 5:638-642 N 166

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Photometric determination of copper in soils using ab baldiethyldithiophosphate. A. I. Busey, A. A. Nemodicia Pochvovedenio no. 1410-111 Jul 167

Photometric determination of scientum (IV) as yellor scientum molybdenum complex  $Z_*$  F. Shakhova,  $\beta_*$ Gayrilova, V. F. Zakharova Vest. Mosk um Ser 2: Khim: 21 no.64-67 N-D '66.

Photometric method for the quantitative determination of tin in food products, for example, in camped food, V, Sagakova, A, I, Liubivaia, Shor, Izon V 191, prom ; 1961 g . :48 -4 B .

#### PHOTOMETRY, ASTRONOMICAL

Colorimetric study of galaxy NGC 6016, Part 1, F. Borngen and others, Astrofizika 2 no. 1,431 442 D 466,

## PHOTOPERIODISM

Growth and development of sorgo plant under the effect of a short day. T.S. (Astrobov, V.S. TSibaliko, V. et, selikhoz, nauki 11 no. 11:40-11-46.

Nymphal dispanse in the tick Ixodes richass Lo. Report No.1; Behavior of hungry nymphs and development of replete nymphs in relation to photoperiodic conditions V. N. Belozei ov. Med. paraz. i paraz. bol. To no fill? 729 N-D '66.

Role of gibber ellins in photoperiodism processes so i plant vermilization. M. Kh Challakhian. Historylar Arm. 10 no 12:3-14 D 486

# PHOTOPERIODISM --- MATHEMATICAL MODI: LA Construction of mathematical model of "Diviogles | 1 lock" B. S. Monhkov, I. IA, Fukshanskii, G. L. IUzefovich, Doki, AN SSSR 167 no. 2.410-443 Mr 168.

## PHOTOSYNTHESIS

Bioenergotics of the assimilating colls of Chlorella pyrenoidesa Chick. T. A. (Hageleya, O. V. Zulenskii Bet.zhur. 51 po.12;1883-1893 D 106.

Characteristics of assimilation activity and cell composition in Scenedemma quadricanda of variana agra, S.S. Baslavskaia, L.S. Bamburova, Vest. Monk, in. Ser. 6: Biol., pochv. 21 no 5:27-94 S-O '64.

Distribution of absorbed C¹⁴ in fractions of carbobydestes organic acids and amino acids of grape leaves in plates synthesis. O. T. Khachidze, P. A. Tkhelidze, N. V. Pkhakadze. Sooh. AN Gruz. SSR 44 no. 2:317-314 | 4 '65

Effect of glibberellin on the photosynthosis and carbe-hydrate metabolism in tree species, D. A. Kombesno, L. P. Shteinvoltf, Shor, nauch, -issl, rab, pollen, khoz, no. 6 283-290 163,

Effect of growth promoting substances of petroleum vair-gin on photosynthesis intensity and side shoot growth in some woody plants. L. U. Krauchanka. Vestel Mi BSSR, Ser. bital. nov. no. 3:54-68 188.

Effect of photophosphorylation inhibitors on the photo-synthesis and motabolism of the assimilating cells of Chlorella pyronoldosa Chick O.V. Zalenskii, T. A. Glagolova, M. V. Chulanovskaia. Bol. zlan. 31 ac 12: 1718-1727 D '66.

Influence of nutrition on the net productivity of photograthesis and the crop of pointoes, P. M. Livova, Nauch soch, IAFAN SSSR no. 8:57-62 162,

#### PHOTOSYNTHESIS (Continued)

Photosynthesis and respiration of wild strawberries T. V. Takainhvill. Soob AN Gruz. SSR 44 no 2:141-444 N 66

Use of solar energy by plants in process of photosynthe-als, S.I.Sivkin Toudy GGO no.184 109-122 466

#### PHTHALIC ANHYDRIDE

Study of factors affecting exidation of industrial varieties of naphthalene to phthalic anhydride N.D Rustianova and others. Noticeer i netickhim no 10:31-33 '66,

PHYLLITE see subdivision under Carpathian Mountain

#### PHYLOGENY

Centennial of the publication of first phylogenetic life system by I. Hackel. I. V. Chesnova. Zool zhu. 45 no 12:1753-1758 '66.

Phylogenetic analysis of costodes of collective genus Later iporus (Cyclophyllides), A.A.Spasskii, Paraz, zhiv.l rust, no. 2;50-63 466,

PHYSICAL AND THEORETICAL CHEMISTRY 800 Chemistry, Physical and theoretical

#### PHYSICAL EDUCATION AND TRAINING (see also sundivision under Laivia)

A city of health and sports. L. Zenchenko. Agitator 34 no. 2.54-56 Jul 167.

A concerted aesthetic and physical development is an indispensable factor in the formation of personality. V. V. Kulshanov. A. P. Priadein Uch. zap Svor. gos. p.d. inst. no 35:90-105 '66

Everyone should participate in sports events. B. I. Rodl-gin Bach, shkola 35 no. 2 41-42 F 467.

Physical education helps in the process of study and teaching V G. Pekkel! Nach, shkola 35 no. 2 42-41 teaching f '67,

Physical education is an important subject. M. Stankin, Nat. obt., no. 1-63-67 Ja '67,

Preparation for and passing of the Marsh-Brosok stan-dard test of the "Ready for work and defense of the U.S. S. R." program by students in the preparatory group. V. P. Zubynin. Shor nauch rab, Azovo-Cher, inst. makh. sel'khoz. no. 14:51-58 | 158.

Preparation for and passing of the standard tests in the flist stage of the mogram, "Ready for work and defense of the U.S.S.R." by students in the preparatory group, V.F., Zubynin Shor much rab Arove-Cher. Inst. mekh. V. F. Zubynin Shor nauch selikhoz no 14/3-10 /58.

There is the winner in Moxico, M. Tartakovskii, Moi. Form., no. 10,122-426 *66.

lopical "physical culture minutes". V. Tikhomirov. Nach, shkola 35 no.1,31 Ja '07.

Uzbek S.S.R. Ministerstvo prosvoshehenita. [Secondary school programs for 1963/67. Physical education for 6th and 10th grades] Programmy srednei shkoly na 1966/67 ucholmyl god. Fizicheskoe vospitanie dlia IX-X klassov. Tashkent, Uchitel, 1966. 34 p.

We must develop physical culture and sports. Part. 2hizn' no. 2(61 Ja '67.

## PHYSICAL EDUCATION AND TRAINING-RESEARCH

Work of a complex actentific research brigade in the field of akating M. P. Schulov Teor, i prak, fiz kuit, 29 no. 18 19-11 D '66.

PHYSEAL GEOGRAPHY see subdivision under Adzhar-Imeratian Rangej Azerbaijan, Daghestan; Kara Kum; Lenkoran' Lewland; Quoen Maud Land; Scandhayla

## PHYSICAL GEOGRAPHY---MAPS

Methodology of landform mapping, Ch. V. Gal'kov, Izv. 11zb, Gil. Geog. oh-va 9:84-101 '66.

### PHYSICAL INSTRUMENTS

Apparatus for determining the swelling of granulated materials at various temperatures [with summary in English]. V. I. Gorshkov, V. I. Slovetskii, G. M. Fanchenkov, Koll. zhuu. 23 no. 3345-340 My-Je '0i.

Apparatus for the measurement of awelling at elevated temperatures (with summary in English). B. A. Dogadsin, A. A. Dontsov, Ivoll, shur, 23 no.3;346-347 My-Jo '01.

Shr-electrode are plasmatron, F. G. Ruthorg, A. A. Kiselev, V. A. Dolluk, Teplofiz, vys. temp. 4 no. 6; 898-807 N.D. 168.

## PHYSICAL METALLURGY

Savitskii, E. M., and G. S. Burkhanov. [Physical metallurgy of high-melting metals and alloys] Metallovedenie tugoplavkikh metallov i splavov. Moskva, Nauka, 1967.

#### PHYSICAL METALLURGY—PROGRAMMED INSTRUC-TION

dozborg, R.K. [Programmed manual for self-testing in the course "Metallography and heat treatment of metals"] Programmirovannoe posobie dlia samokon-trolla po kursu "Metallovodenie i termicheskaja obrabot-ka." Tallinn, Tallinskii politekhn. in-t, 1966. 147 p. [Programmed manual for self-testing in Mozborg,

#### PHYSICAL METALLURGY -STUDY AND TEACHING

Kuziacy, B.A. [Heat treatment of steel, programmed manual] Termicheskana obrabotka stalet, programmirovannoe uchebnoc posobie. [Krasnoiarsk] Krasnoiarskoe knizhnoe izd-vo, 1966 77 p

[MICROFILM]

### PHYSICAL OPTICS see Optics, Physical

#### PHYSICAL THERAPY

Once more concerning the physiological characteristics of dosage in physical therapy. V M Matoshin. Vop kur., fizioter i lech. fiz. kullt 27 no 6 560-562 N-D

"Organization of physical therapy in hospitals and polyclinica" by A. A. Tamazov, A. review, Vop.kur., fizioter i lech fiz, kult. 27, no. 6.563-561, N.D. 162

Physical therapy in the compound treatment of bronchial asimma patients E.I. Riabukha Vop kur "fizioter.i lach fiz kullt. 27 no 6:534-538 N-D '62

Tasks of scientific research institutes of health resort treatment and physiotherapy in the organization of physical therapy service for the population A.A. Tamazov Vop. kur., fizioter.; lech fiz kullt 27 no. 6 550-552 N-D '62,

#### PHYSICAL THERAPY—CONGRESSES

Inter-Health Resort Scientific and Practical Conference on Physical Thorapy in Pystigors? V M Andreeva, I.I.Khittik Vop kur, fizioter i lech fiz kullt. 27 no. 6 569-570 N-D '62

#### PHYSICIANS-EDUCATION

Advanced training and specialization of zematvo physicisns, on the 80th anniversary of Leningrad Institute for Advanced Training of Physicians. V.Ch. Bizheskii Sov. med 29 no. 11 138-140 N '66.

#### PHYSICS

Physics in the great half-century – IA, G Dorfman. Priroda no, 1 24-35 – Ja.  $^{4}67$ .

#### PHYSICS-ABSTRACTS

[Physics] Ref. zhur. Fiz. no. 2 F '67.

#### PHYSICS-CONGRESSES

"Lomonosov lectures" at Physics faculty of Moscow State University. Vest. Mosk un.Ser. 3; Fiz., astron. 21 no.6:108-111 N-D 166.

#### PHYSICS-PHILOSOPHY

Daveloping the concept of the material object in the physics of microcosm. L. C. Antipenko, Vop. files. 21 no. 1:104-113 167.

Philosophical problems connected with A. Einstein's theory, V S Luk'innets', Dop AN URSR no 10,1364theory, V 1366 '66,

Qualitative changes and the structure. S F. Zak. Vop. files, 21 no. 1:50-58 '67.

### PHYSICS—STUDY AND TEACHING

Connection between mathematics and physics instruction V. M. Kokarev, N. N. Tul'kibaeva, Vech, ared, shkola B no. 5:40-51 S-O '66.

Electronics in clasowork, A.S. Mel'nikov. Vech. sred. shkola 9 no. 3:67-71 My-Je 166.

Diementary physics of permanent magnets. M. A. Grabovskii. Vech. sied. shkola 9 no. 3:53-58 My-Je

Elimination of guessing in the solution of problems with a selective line of responses. I. M. Nizamov. Vech, ared, shkola G no. 3:86-87 My-Je '66.

Interrelation of chemistry and physics with the fundamen-tals of metallurg. E. I. Larlonov. Vech. sred. shkola 9 no. 5:55-50 S-O '60.

Need for the interrelation of subjects. A.I. Raihov, Vech, ared, shkola 9 no. 5:46-48 S-O ¹⁶⁶.

On a level with present day problem. G.I. Kertzman. Vech, ared, ahkola 0 no, 3:48-52 My-Je *66.

Through the pages of unpublished articles. Vech. ared. shkola 9 no. 3:28-37 My-Je '66. The use of television in physics classes. C. Red'ko. Nal. obr. no. 2:64-65 F '67.

Vocational training and physiconiological experiments. F. Balkov. Nar. obr. no. 2:53-57 F '67.

We are studying semiconductors. A. O. Gukatlo. Vech. sred, shkola 9 no. 3:37-11 My-Je 166.

## PHYSIOLOGICAL APPARATUS

Methodology for graphic recording of musculcarticular sonsitivity. I. A. Dmitriev Fiziol.zlur 52 no 12: 1486-1487 D '66.

Semiautomatic installation for the study of higher nervous activity in rats, M. B. Golidberg and others To yes. nerv. deiat Ser. patofiziol. 10 187-198 182. Trudy inst.

Universal head-holder in a stere otaxis apparatus for the oxamination of structures of the bottom of the fourth ventricle in cate. N. K. Saradzlev. P. S. Aref'ev. Fiziol. zhur. 62 no. 12:1488-1490 D '66.

PHYSIOLOGICALOXIDATION see Oxidation, Physiologteal

#### PHYSIOLOGICAL PSYCHOLOGY see Psychology, Physiological

#### PHYSIOLOGY

Current problems of physiology. Fiziol zhur, 49 no 31-19 Mr 463,

#### PHYSIOLOGY-PHILOSOPHY

Hatural science and philosophical problems concerning the current state of knowledge about the brain, S.A. Sarkisov, Zhur vys nerv deiat 12 no 6 985-1000 N-D '62

Philosophical problems in the physiology of the higher nervous activity and in psychology O A Krylov, V I Chumak Zhur vys herv detat 12 no 61069-1098 N-D '62,

#### PHYSIOLOGY-RESEARCH

Some problems in planning physiological research. K. A. Lange Fiziol zhur 52 no 12:1501-1504 D '66.

#### PHYSIOLOGY, PATHOLOGICAL

Review of Professor F. Hoff's book "Clinical physiology and pathology," O V Nikolaev Probl. endok, i gorm 6 no 6 100-103 N-D '62,

## PHYTOGEOGRAPHY

(see also subdivision under Moscow Province; Nan Shan region; Zhigansk District)

Geographical distribution of Lilium species in the U.S.S.R. M.V. Baranova. Bot zhur 51 no.12,1894-1705 D '66.

PHYTONCIDES see subdivision under Carpathian Mountain region

PHYTOPATHOGENIC BACTERIA see Bacteria, Phytonathogenic

PHYTOPATHOGENIC FUNGI see Fungi, Phytopathogenic

PHYTOPLANKTON see subdivision under Kayrakum Reservois

## PIAGET, JEAN, 1896-

Teaching thought operations to children in a "pi copera-tional stage of development" according to Jean Plaget, G. A. Konstamm. Sov. pedag. 31 no. 1-33-35 Ja 187.

## PIATNITSKII, IOSIF ARONOVICH, 1882-1939

Neiman, Lina. ["Piatnitsa", an historical tale] "Piatnitsa", istoricheskaia povest'. [Izd. 2. ] Moskva, Detskaia lit-ra, 1967. 174 p. (Shkol'naia biblioteka)

#### PECCLINE

Reactions of ¹⁴C recoil atoms in mixtures a picoline-toluene. L. P. Firsova Vest. Mosk. un. Ser. 2; Khlm. 21 no.6:105-106 N-D '66.

Improving the forms of remuneration for piece-work, based on the materials of the machinery and metal-working industries of the White Russian S S R. A M. Pashkovich, M.S. Kuniauski. Vestsi AN BSSR.Sei hram. nav no 4 31-36 '66.

## PIERS—DESIGN AND CONSTRUCTION

Industrializing construction of precast reinforced con-crete sen transport piers. R. K. Nazirov, J. F. Smagin, M. 1A. Tripol'skii. Transp stroi, 16 no. 3.19-21 Mr 166.

## PIEZOELECTRIC SUBSTANCES

Determining properties of piezoceramic plates used in flaw detectors. L. A. IAkoviev. Defektoskopiia 2 no. 5;32-35 '66.

Theory of an acoustically consonant multilayer piezeelectric transducer. L. G. Merkulov, L. M. IAblouik, Defektoskoplia 2 no.5;3-11 '66.

## PIGMENTS

Effect of prolonged darkness on pigment apparatus in neutral long-day and short-day plant species. T. V. Bayrina, Doki, AN SSSR 167 no. 2,464-467 Mr 166.

## PUP, BORIS IVANOVICH, 1986-1966

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PIKE see subdivision under Rybinsk Reservoir

### PIKE PERCH

Introduction of pike perch into Karelian lakes. B. N. Saltup Ryb khoz. 43 no. 1:24-25 '67.

## PILORIMS AND PILORIMAGES

V.V. Polozov's travels in the Near and Middle East in the 1870's; an evaluation of his petitions as source of instory. E.G. Chumachenko Palest, shor. no.15.208-227 166.

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Studying stresses and strains in pile foundation for large-pinel apartment house Z V Babichev Osn , fund 1 melb grun - 8 no 5 H-H bb

Tapered piles, Stronmankhit, Uzb 7 no 12,44 D '66

Testing piles for slipping M I Gorbunov-Posadov, E P. Sixtsova Sbor NHosn no 56:36-41 '66

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Boxing and blasting operations in the building of foundations on piles with pedestals V IA Vorober V2ryv. delo no 61/81;213-218 '66

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## PILING (CIVIL ENGINEERING)—SAFETY MEASURES

Kosolapov, V. G. [Safety manual for pile drivers engaged in installing pile foundations] Pamiatka po tekinike bezopasnosti dila koprovshchikov, zanlatykh na ustrolstve svainykh fundamentov. Izd. 2., dop. 1 perer. Mostva, Stroitzdat, 1966. 27 p. (Tekinika bezopasnosti v etrolstelstve)

#### PILING (CIVIL ENGINEERING)-TESTING

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Analyzing pine cones and seeds of the same tiee . E. P. Zaborovskii Izv vys.ucheb.zav., les zhur 9 no 6 162-163 '66

Carotenoid dynamics in pine of different habitats. G A. Shiriacva. Dokl IN SSSR 172 no 3 733-736 Ja 167

Distribution of all knots in the merchantable part of the full-length log of a Korean pine. F.T. Tim ikov lzv. vys ucheb zav., les zhur. 9 no 6:100-101 '66.

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Studying the field germination of pine and spruce seeds E. P. Zaborovskii. Sbor, nauch, -issl rab, poles khoz, no 6 264-277 '63

Treating pine seeds with trace elements before sowing V E.Fedotova, Trudy Sar sel'khoz inst. 15 no.3:40-

Use of trace elements in establishing pine plantation on rubble carbonate-rich soils. V.M.Sidorova Trudy Sar sel'khoz inst 15 no.342-47 '65

## PINE-DEEASE AND PEST RESISTANCE

Biochemical indices of pine in connection with its resistance to root fungus. E. I. Ladeishchikova, A. I. Pobegailo Trudy KHSKHI 58 126-143 166

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Chemical control of snow hlights in cutovers and nurseries V. G IAkoviev, Shor, nauch, -issl. rab, po les, khoz. no.6 345-953 '63

Fluorescence method for the d'agnosis of the damages of pine caused by 100t fungus. E I, Ladeishchikova. Trudy KHSKHI 56 144-146 '86.

Ridding pine seedlings of lodging. N.S. Pogorelova. Trudy KHSKHI 56:86-90 156.

PINE-WATER REQUIREMENTS see subdivision under Sevan Lake region

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#### PINENE

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PIPE-BIBLIOGRAPHY see Bibliography-Pipe

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## PIPE-CORROSION

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#### PIPE-FLUID DYNAMICS

Flow of aggregately stable gas fliquid emulsion in horizontal pipes at low pressures. I. N. Gudnin, S. A. Abdun ashitov – Izv vys ucheb zav., neft'r gaz. 9 no. 8;

#### PIPE—TRANSPORTATION

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#### PIPE-VIBRATION

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#### PIPE-WELDING

A study of residual stresses in electrically welded large-diameter pipes. V A. Gladkovskii, N A Kashirin, S A. Frirke Stroi trabuprov 6 no 12 7-8 D '61.

### PUPE, ASBESTOS-CEMENT

Practice of using asbestos-cement pipes in supporting water wells in Kazakhstan V. A. Daino, Gidt. i mel. li no. 5.58-60 My 162.

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### PIPE, CONCRETE

Calculating durability of round sections of pipes under fills. A. L. Brik. A. V. Nensshev. Transp. strof. 16 no. 2:45-16 F '66.

Equipment mounted on a buildozer for assembling tein-forced concrete rings. K. A Gioev. Avt. doz. 21 no. 11:26 N 161.

Korolev, N. E. [Machinery for casting concrete and rein-forced-concrete pressureless and low-pressure pipus] Stanki dlia formovanita betonnykh i zbelezobetomykh beznapornykh i malonapornykh trub. Moskva, NIIInformatsti stroidorkommunmash, 1965. 53 p. (Serija 2, Oboj udovanie dlia promyshlennosti stroitel'nykh materialov)

Manufacture of pressureless socket pipes by horizontal casting on vibrated surface. L. A. Kiriushina, A. M., Minkovich, Het. i zhel -bet. 12 no.11 27-28 N '66

### PIPE. GLASS

Cutting and connecting of glass pipes. D. Novikov. Tekh, v sel'khoz 21 no 12 25-26 D '61

## PIPE, PLASTIC

Corrugated pipes from vinyl plastic film. N.V. Bulaov-skii A.K. Chelyshev. L. F. Korovitsyn. Torf. prom. 43 no.844-16 '66.

Filters from glass plastic pipes. V. M. Gavrilko, V. S. Alekseev. Vod. i san. tckh. no. ll 16-18 N '66.

Plastics in sanitary engineering. P. Khubavenski. Na strot. Ros. 7 no. 12,28 D 166.

## PIPE, STEEL

Fiat-coiled tubes, B. E Paton, G. V Raevekii, Staff 21 no. 11 1012-1016 N 161

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We discuss and suggest, R. Akhmerov. Neftianik 11 no. 8.24-25 Ag '66.

## PIPE, STEEL-CORNOSION

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Pipe with anticorrestive m etection. N M to the  $\tau$  +H and others . Koks i khim, no. 5 18 40 %  $\tau$ 

#### PIPE, STEEL—DEFECTS

Colculating the magnetostatic field of auriate defect Part > 17 perimental verification of the primity of calculated regularities. V. E. Sheherbinin, 21, 22, Zatsepin, Defektoskopiis 2 no. 53/9-66 http://

#### PIPE. STEEL-TESTING

PDC, STEEL—TESTING

Portable anodulation flow detectors PLD 1 for elements for internal surface of ferromagnetic pipes. V. 4. Minchento, A. M. Ornoblemi, V. S. Levzhov, Principal and 60-15 (6).

VIDN-1 equipment for checking aurface defections of magnetic pipes. P. B. Oslohepikov and others, 18 S. skopita, 2, no. 6 (2), 12 (6).

UG1-5 device for bending pipes with a diameter of ap-to 820 mm. A L-Gallperth Stroit truboprov, 6 no.12,28-29 D-161.

Expansion of pipes by the drawing method. V. 5, 11 a  $_\odot$  . Mashinostroite1  $^{\rm t}$  no.1,23  $^{\rm t}$  Ja  $^{\rm t}$ 67.

#### PIPE FITTINGS

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### PIPE LINES

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percussion push-through method for laying piges Terenetskii. Shor NHosa no 56:142-150 had.

Daily attention should be paid to the work of the offer-promoters. A. M. Tolatoi. Stroi. trubopro. 6 + .1 26-27 D 161.

Equipment for hydromechanization. V. f. Suprance 1 A. Zhachenko, Mekh attoi. 23 no. 12:20-22 11 466 Industry, IA, M. Kuperman, Strot, trubopers, 6, no. 12:19-21 D 161.

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### PIPELINES-CORROSION

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The problem of protecting pipelines from undergree 1 corrosion. A.M. Zinevich. Strot. trainprov. 6 : 41 3-6 D '01.

Self-potential of gas pipoline is one of the factors of its corresive action, V. N. Kazarov. Gaz, delp in 14 1. 5

Study of the aging of plastics in Solonchak sella, V. E. Negriev, G. A. Allakhverdiev, Trudy Inst. khim, 3', Azerb. SSR 20:100-126 '64.

Study of the potentials of steel and corresion rella formed in Solonchak solis. G. A. Allakhverdev, 15.4. Samedov. Trudy inst, khim. An Azerb, SSR 2012-6-14.

## PIPELINES-DESIGN AND CONSTRUCTION

Laying gas pipelines by protrucion. -M. Gurevich. 1127. stroi, i inzh. 2007. 8 no. 6:12-14 N-D '66.

#### PIPELINES-TESTING

Fifeet of local resistances on pressure fluctuation in mp lines, A, E, Rotte Mash rincit, obor no [24]

Magnetographic inspection with a visible image. A S Fulls vich, M Kh.khusanov, Strot traboprov 6 no. 12 10-11 D [61]

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#### PIPERIDONE

liffect of the character of substitution at y-piper idone nitrogen on the attrochemistry of phenyllithnum synthesis. P. A. Mistriakov, N. I. Aronova, Izv. AN SSSR Ser, khim. no. P18-113 JA 167.

Synthesia of some N-substituted 2-methyl- and 3-methyl-5.threfit of some N-substituted 2-methyl- and 3-methyl-t-pipertdones. F.A. Mistriukov, N.I. Aronova, Izv. AN SSR, Sci. khim. no. 12 2171-2176 [66].

#### PISTON RINGS

Role of the humidity of molding sand on the changes in loss of clasticity, residual deformation, and other properties of piston rings, L. I. Kozhinskii, Avt prom. 32 no 12/31-36 D 166.

#### PISTONS-FLUID DYNAMICS

Zhokhovskii, M.K. [Theory and design of instruments with unscaled platon] Teorifa I raschet prihorov s nemycotnemy on posishnem. Izd. 2., percr.i dop. Moskva, Izd-vo Standartov, 1966. 330 p.

#### PITCH

Pitch for the production of pitch coke, I.P.Dobrovoltskii and others, Koks i khim no. 5:20-31 '62

### PITERSKII, ALEKSEI MIKHAILOVICH, 1896-1961

Alek set Mikhailovich Piterskii; an obituary. Staff 21 co. 11 1953 N 461.

#### PITHUNDA REGION (GEORGIA)-PINE-DISEASES AND PES18

Fradication of diseases and posts in the Pitsunda Grove P, A. Polozhentsev. Izv vys uchebizov , les abut -9 no.  $64\,9\,\text{--}12^{-1}66$  .

## PITUITARY BASOPHILISM see Cushing's syndrome

### PITHERARY BODY

Cellular composition of the anterior lobe of the hypophysign in relation to reduce and increased content of test opens in the body. V. I. Romanov. Biul eksp. biol 1 mad. 53 to 1175-77 Ja 567

Comparative designers characteristics of methods of large focus frandiation of the hypophysis with kinge and small fields, R.V. Stavitskii, L.G. Slavin. Med. rad, 12 no. 1 10-14 Ja 107.

Hypoplasin of the hypophysical-adrenal system in newborn animals as the cause of low resistance to morphine, 1, V. Markova. Probl endok, I gorm. 8 no. 6 3-8 N-D 163.

Relationship between hypotheliamus-hypophysis system and sex cycle. N. Z. Maisacudze. Soob. AN Gruz. SSR 44 no. 3,791-796 D 56.

## PITUTIARY BODY-SURGERY

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### PERGETARY DODY-TUMORS

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Gammatherapy of tumors of the hypophysis. M.A. Merkava, L.S. Lateker, Z.E. Zhavoronkova, Med. rad. 12 no. 1:19-26 Ja 167.

## PITUTTARY HORMONES

Fal-mobilizing activity of adiposin, lipocaine and pro-lactic following separate and combined administration G.T. Pavlov. Probl. andok. 1 gorm 8 no. 6:37-40 N-D

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## PLAGUE-PREVENTIVE INOCULATION

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#### PLANARIA

Ribonuclease effect on nervous activity in Planaria A. N. Chetkashin, I. M. Sheiman, Dokt, AN SSSR 171 no. 1,996-998 D 466.

## PLANETARY GEARING see Gearing, Planetary

#### PLANETS, MINOR

Liements of the elliptic orbit of the new minor planet 1963 UA. V K. Abalakin. Bull Inst, teor. astron. 10 no 5 379 '65

### PLANETS, MINOR-TABLES

Photographic observations of minor planets with the wide-angle astrong aph of Moscow Observatory T P Per chagana. Bull, Institeor, astron. 10 no. 5 380-201 test.

#### PLANIMETER

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#### PLANKTON

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Device for catching plankton in the surface layer of water IU. P Zaitsev Shor. izobi v ryb prom. za 1961 g 18

#### PLANT BREEDING

Intergenetic chimeras and their significance for breeding, N. I. Maisuradze, Genetika no 11:69-82 '66.

Russi, Neeme, and Jaan Lepajõe. [Practical exercises in plant breeding and seed production] Sordial etuse ja seemnekasvatuse praktikum Tallinn, Valgus, 1966 253 p. [In Estonian]

#### PLANT CELLS AND TISSUES

Amount of sulfhydryl compounds in plant tissues. Z.A. Mel'nichenko. Uch zap. GGU no. 50·101-112 '59. Determining absorption spectra of individual cells of plant leaves. 9.6. Guminetskii, V. P. Rvachev. Zhur, prikl, spekt. 5 no. 5:674-680 N '65.

PLANT COMMUNITIES see subdivision under Aktyabinsk Province, Ustyuit

#### PLANT COMMUNITIES-CONGRESSES

In the White Russian division of the All-Union Botanical Society; conference on the methodology of studying plant associations. V.5, Gel'tsman. Bot. Lhui 51 no 12:1831-1032 D '66.

## PLANT CUTTINGS

Some data on softwood cuttings of greenhouse (subtropi-cal) plants. U.S. Vakula. Vestsi AN BSSR, Ser. bital. nav. no. 3:70-73 466.

PLANT DISEASES see subdivision under White Russia

### PLANT INDICATORS

Phytogenic hummocks are indicators of escensive springs (telationship between indicators and geographical con-ditions F A Vostokova Biul MOIP Old geol, 36 no 3 156-157 My-Je '61

PLANT INTRODUCTION see subdivision under Turk-menisian; White Russia

### PLANT LICE

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Effect of aphid nutrition on the productivity of the plant and the sowing quality of winter wheat and but ley seeds. Z.P. Borisova. Trudy KIEKHI 55.15-21 ¹⁶⁶.

Studying the comparative toxicity of some contact insecticides with regard to the best aphid (Aphis Tabae Scop).
K S. Razmadze Scop AN Gruz SSR 27 no. 2-201-208

### PLANT LICE-EXTERMINATION

Effect of some insecticides on the bean aprild Aphis fabac in fotage bean fields, L.V. Lapshin, IU.V. Lepikhun Khim v seli, khoz. 5 no.1:34 Ja 167

Effectiveness of organophesphorus compounds for control-ling red-gall apple aphid Dysaphis devecta. N A. Scilvanova. Khim. v sell. zhoz. 5 no 1.33 Ja '67.

Various methods for using poisonous chemicals in controlling greenbugs. Z. P. Borisova. Trudy KHSKIII 55:22-27 166.

### PLANT PHYSICIOGY

Main indicator of plant life. Priroda no. 1.112 Ja '67. Polarity and heterosis in plants. G. Kh. Molotkovskii. Vest, sel'khoz, nauki 11 no 11-28-34 '66,

## PLANT TEMPERATURE

Thermal condition of apple trees in winter in the north-west, I.N. Kotovich, Biul, nauch -tekh inform, po agron, fiz. no. 8/9 104-110 '60,

#### PLANTERS (AGRICULTURAL MACHINERY)

Concerning the nominal number of working components in a planting machine. M E Demidro, Trakt iself-khozmash, 30 no 3 50-32 Mi 160

The SZS grain stubble planter, V. Maniakin, Tekh, v. sel'khoa, 27 no 136-37 '67

What a seed tube should be like M. Gorlenko Zem-ledelic 28 no.1,75 Ja '67

#### PLANTING TIME

Effect of planting time on the viability of pine and spruce phantations G.S. Tutygin Izv vys ucheb. 2av., les. zhur. 9 no. 6;104 166.

#### PLANTS-CHEMICAL ANALYSIS

Chemical composition of the tissues of some plants.
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A. A. Zemilanukhin, V. I. Zviaguntsev Doki. AN SSSR
187 no. 2 168-470 Mr 466.

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Method of determining the total microelement content of soils and plants G J Rinkis. Pochvovedenie no, 3 74-82 My 180

Some data on chemical composition of aquatic plants in lakes of castern Pamirs, M. M. Ikiamova, Izv. Otd. biol. nauk AN Tadzh, SSR no 4 112-115 '66,

Some problems in the biochemistry of the onion. Z.N. Briantseva, V. A. Valutina, E. K. Puzina, Uch. zap. GGU no. 50-119-125 '59.

Study of chemical composition of Ephedra L. growing in Georgia TS.N Zhgenti Soob. AN Graz. SSR 44 no 3 631-636 D '66.

#### PLANTS-COLLECTION AND PRESERVATION

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#### PLANTS-FROST RESISTANCE

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Characteristics of trees of various classes based on the level and energy of metabolism A, P Shadney Izv. vys.ucheb.zev., les.zhur. 9 no.6.3-8 '66

Effect of photophosphorylation inhibitors on the photointer of photophosphol ylatton inhibitors on the photo-synthesis and metabolism ofthe assimilating cells of Chlorella pyrenoidosa Chick. O. V. Zelenskii, T. A. Glagoleva, M. V. Chulanovskaia Bot zhur. 51 no 12 1718 -1727 D 166

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## PLANTS-RESPIRATION

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#### PLANTS_WATER REQUIREMENTS

Sucking activity of root systems. Z.A. Mel'nichenko. Uch, zap, GGU no. 50 113-118 '59.

#### PLANTS, EFFECT OF ANTIBIOTICS ON

Effect of streptomycin on wheat spedlings. S.A. Alvazian, V.O. Bubaian, A.G. Abramian Biol. zhui Airm 19 no. 10 28-33 O 166.

Nature of the action of some antibiotics on higher plants B A Rubin, M. E. Ladygina Usp. sovi. biol. 52 no. 1 79-95 JI-Ag '61

#### PLANTS, EFFECT OF BORON ON

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#### PLANTS, EFFECT OF CARBON DIOXIDE ON

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#### PLANTS, EFFECT OF CHLORINE ON

plants M. P. Ivanou. Vestsi AN BSSR, Ser. hital. nav. no 1:59-62 '67.

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## PLANTS, EFFECT OF GAMMA RAYS ON

Effect of gamma rays on the kidney bean and the soybean, S. C. Tedoradze. Soob, AN Gruz SSR 26 no. 6:715-718

Effect of seed gamma irradiation on growth and development of seedlings of some introduced maple and birch species. M. A. Kudzinsu. Vestsi AN BSSR, Ser. biial. nay no. 3:54-63 '66.

Results of the commercial testing of presowing irradia-tion of corn seeds with Cs¹³⁷ gamma rays N.M. Berczina, E I Korneva, R R.Riza-Zado Radiobiologita 2 no 4 629-633 '62,

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## PLANTS, EFFECT OF LIGHT ON

Effect of light balance changes on dynamics of transitional processes in a green leaf. S. N. Meleshchenko. Biofizika 11 no 5:933-935 '66.

Effect of prolonged darkness on pigment apparatus in neutral long-day and short-day plant species. T. V. Bavrina, Dokl. AN SSSR 167 no. 2:464-467 Mr '66.

## PLANTS, EFFECT OF NITROGEN ON

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Effect of nitrogen fertilizers on the accumulation of vitamin C in plants. A. A. Anisimov. Uch. zap. GGU no. 50;28-41 '59.

Effectiveness of the use of nitrogen for legumes. V.E. Shevchuk Izv, ISKHI no. 24 77-96 '62.

## PLANTS, EFFECT OF PHOSPHORUS ON

Content of phosphorus fractions of potato leaves infected by X virus. A, V, Ustinova. Vestsi AN BSSR, Ser. bital. nav. no. 1:119-120 '67.

Dynamics of absorption and excretion of mineral nutrients by spruce and aspen roots in pure and mixed stands. B.S. Martsinovich. Vestei AN BSSH, Ser. bilal. nav no.349-53 '66.

## PLANTS, EFFECT OF POLYHALITE ON

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#### PLANTS, EFFECT OF RADIATION ON

Comparative study of the effect of irradiated and nonirradiated plant extracts on the transplantability of tumor cells L. M. Kriukova, A. M. Kuzin. Radiobiologiis 2 no. 4:567-568 '62

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#### PLANTS, EFFECT OF ULTRAVIOLET RAYS ON (see also subdivision under Georgia)

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PLANTS, PROTECTION OF (see also subdivision under Kirghizistan; Oshskaya Province; Tokmak region, Kirghizistan)

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#### PLASMA (IONIZED GASES)-MEASUREMENT

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#### PLASMA (KONIZED GASES)-SPECTRA

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### PLASMA JETS-SPECTRA

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### PLASMA OSCILLATIONS

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### PLASTIC FILMS

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Study of the aging of plastics in Solonchak soils. V.F. Negriev, G.A. Allakhverdiev. Trudy Inst. khim. AN Azorb. SSR 20:100-126 '61.

#### PLASTIC FOAMS

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Method for studying propagation of plastic deformation under dynamic loading. V. P. Severdenko, R. L. Rythkovich. Dokl. AN BSSR 10 no. 11-817-818 N '66.

Parity of the components of the stress vector functional in the theory of plasticity V.1. Malyi. Vest. Mosk-un-Ser. 1: Mat., mekh. 21 no 6:80-84 N-10 '66

Stability of a cylindrical ring reinforced by a flexible cable. G.G. Alley. Lrv. AN Azerb. 55R (Ser. fiz. -tekh-i mat. nauk no. 4:35-36 '66.

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## PLASTICS IN BUILDING

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Technological characteristics of manufacturing parts of chemical pumps from RST-phonolite, k, A, Moskatov, L, F Grigor'cv - Khim 11eff Phos., no.12 28-30

#### PLASTICS IN THE SHOE INDUSTRY

Bernshtein, M.Kh. [Thermoplastic material for shoc counters and toe boxes] Termoplasticheskii material dla zadnikov i podnoskov obuvi, uchebnoe posobie Mo-skva, Legkaia industrila, 1965. 34 p. [MICROFILM]

Bukanov, E. I., and B. IA Kiasnov, [Heels and heel taps made of polymers] Kabluki i rabolki iz polimei ov Moskva, Vses, zaochnyi in-t tekstil'noi i legkoi promyshi., 1885 50 p

#### [MICROFILM]

#### PLASTICS MACHINERY

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Unit for casting capron, V.I.Stupnikov, Biul, tekh, -ekon, inform, Gos, nauch, -issl inst nauch i tekh inform 19 no 11 44-45 N '66,

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Calculation of the process of dissolution of solid particles in a bubble-type tower. V.I. Ermakov, A.N. Planov-skii, Lev. vys. ucheb. zav, khim. i khim tekb. 9 no. 5 045-846 '66.

Efficiency of the bubble-cap plates of furfurole rectifying columns. Report No. 1; Effect of the bubbling depth. A. S. Dovedova, IU. A. TSirlin, Shortrud, NIIGS 14:

Performance of downcomerless grid plates in the removal of hydrogen sulfide from gases by the arsenic-soda method IU.1 Dytnerskii and others. Koks i khim no 7-31-37

#### PLATES (ENGINEERING)

Calculating clastically creeping girder plates supported by an elastically creeping foundation T Shirinkulov Izv, AN Uz. SSR. Ser. tekh nauk 10 no. 6:38-42 '66.

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Considering inertin of elastic foundation bads in problems on forced vibration of plates and boams A. S. IAkoviev, Stroi mekh i rasch, soor. 9 no. 1:34-38 167.

#### PLATES, IRON AND STEEL

Rolling of plates of KhN67VMTIU atloy. A. I. Grishkov and others. Shor, trud, TSNIICHM no. 44:117-123 [66.

# PLATES, IRON AND STEEL, EFFECT OF TEMPERATURE ON

Plermal stresses in plates subjected to the effect of periodic variations of heat, Report No.1 N.1 thlovei, I.S. Reshetniak, N. IU. Taits, Izv. vys. ucheb, zav. chern, met 10 no.1,175-178 '67

Effect of small amounts of added platinum on the catalytic activity of vanadium pentovide in hydrogen exidation. N. I. Hickenko, V. A. Riza, V. A. Roiter. Dokl. AN SSSR 172 no. 1333-336 Ja '67.

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Nitroacidotetrammine compounds of tetravalent platinum.

L. A. Nazarova and others. Zhur. neorg, khim. 12
no. 1,137-147 '67.

Nitrosoacidotetrammine compounds of platinum. L. A.
Nazarova, I. I. Cherniaev, A. N. Kolesnikova. Zhur.

Nazarova, I.I Cherniaev, A.N. Kolesnik neorg, khim. 12 no.1:277-279 Ja '67.

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## PLATINUM COMPOUNDS—OPTICAL PROPERTIES

Optical properties of platinecyanide compounds. Part 5: Luminescence of solutions frozen in porous glasses, N.A. Tolstol, A.M. Tkachuk. Opt, i spektr. 21 no. 5: 553-563 N '66.

## PLATINUM COMPOUNDS-SO LUBILITY

Solubility of isomeric platediamines in water. A.A. Grinberg, A.I. Dobroborskeia. Zhur. neorg. khim. 12 no.1,276-277 Ja '67.

PLATINUM ELECTRODES see Electrodes, Platinum

PLAYS FOR CHILDREN see Children's plays

### PLETHYSMOGRAPHY

Characteristics of regional blood circulation in diseases of the internal carotid artery; plethyamographic data. Kh.Kh.IArullin. Zhur.neyr.i psikh. 62 no.11 1630-

Piothysmographic observations in tonsillogenic intoxication. R.S. Ivanov. Trudy LPMI 37:57-64 165.

Some modifications of the method of volume plethysmog-raphy to increase precision in recording blood flow V.I.Trhorevskii. Fiziol zhur 52 no 12:1491-1494 D 166

Use of air plethysmograph for recording speech-respiration A.A. Berasimov and others, Fiziol. zhur 52 no 12;1494-1497 D 66 tion

#### PLE URA-DISEASES

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#### PLEURISY

Differential diagnosis of the shadow of the thymus gland onicrential diagnosis of the shadon of the thymus gla and anterosuperior mediastinal pleurisy in children, E.B. Brium. Vest, rent, i rad. It no 6 24-29 N-D

Significance of D. A. Sakolov's work on the problem of the upper line of duliness in evudative pleuristy. G. A. Dashtaiants — Sboi, nauch it ud. SOGMI no. 10 186-187

Trantment of encapsulated pleurisy and cm onte adhesive compressive per fear ditts atmultaneously with pleurec-tomy and subtoful perican dectomy. A. N. Kabanov. IU I. Blau. G. L. Feofilev Gud-khir. 9 no. 1:87-91 Ja-161.

(see also subdivision under Irkutsk Province; Soviet Far East)

Characteristics of the structure of sods and changes in the physical properties of soils with excessive moistu-after plowing. E. V Kostylva Sbor, nauch, -issl, 12b po les khoz no. 6 228-247 163.

Enullibrium of a plow in the horizontal plane. G.N. Sineokov. Trakt, i seltkhozmash 30 no 3.24-27 Mr 160

Fall plowing for erosion control in eroded soils Cherenev. Vest. sel'khoz nauki il no 12 8-12 D '66.

Hydraulic regulator of tractor trailing weight V. Kas'la-nenko Tekh v sel'khoz 21 no 12 69-70 D '61

Increase the delivery of plow bases to areas where mouldboardless plowing operations are conducted. A. Marets-kti. Tekh v selikhoz. 21 no 12 79-80. D. 161

#### PLOWS

Agrotochnical qualities of the free suspension of a plov A, t. Chetskii, 1 E. Popov, Doki Akad sal'khoz, nauk no. 9:44-47 S '66.

Equilibrium of a plow in the horizontal plane, G N. Sineokov, Trakt. i selkhozmash 30 no. 3,24-27 Mr 180.

Studying the strength of the frame of the semimounted six-bottom plow attached to the T-4 tractor V, I. Koreshkov Trakt, i sell khozmash, no. 1,17-19 Ja *67.

## PLOWS-TRANSPORTATION

Improved method for distributing agricultural machinery, M.D. Cherdak, Trakt i sel'khozmash, 30 no 3,43 Mr 160.

PLUM-VARIETIES see subdivision under Georgia

## PLUMB-LINE DEFLECTIONS

Using optical plumb lines in laying out area of a building. G. Zlotnikov. T. Chmchian. Prom. strol. i inzh. soor. 8 no. 6;22-23 N-D '66.

### PLUTARCH

Characteristics of the literary form of Plutarch's "Vitae parallelae." S.S. Averintsev. Vest drev.ist. no. 4 68-80 '66.

## PLUTONIUM-SPECTRA

Gamma-radiation from ²³⁹Pu in 300 - 450 key, energy range, V. V. Berdikov and others. 12v, AN SSSR, Ser fiz 31 no.1:185-189 Ja 187.

## PLUTONIUM COMPOUNDS

Phosphate compounds of hexavalent plutonium, R.C. Denotkina, V.B Shevchenko, Zhur, neoi g, khim, 12 no. 1.87-92 Ja '67.

## PLUTONIUM SULFATES—SO LUBILITY

Solubility of plutonium (IV) suffates in sulfurfo acid solu-tions. M. E. Pozherskola and others. Radiokhimita no. 61716-717 '66.

## PLYWOOD-DRYING

Mikit, E.A., and others. [Improving the ventilation systems of roller dryers at plywood enterprises] Usovershenstvovanie sistemy ventiliatait rollkovykh sushilok fanenykh predprisatil. Riga, 1966. 8 p. (Derevoobrabatyvatushchafa i bumazhnafa promyshlen-

#### PNEUMATIC CONTROL

Designing prominatic logical systems in the machinery industry. E.V. Gerts, V.P. Zenchenko, G.V. Kreinin Vest mashinost. 47 no 146-20 Ja. 457

Piogram-controlled pneumatic springless drive V.I. Grianin Biul tikh -okun inform Gos nauch -issi instinauch ritch inform 19 no il 29-30 N 166

#### PREUMATIC CONVEYING

Automatic control and regulation of pneumatic conveying machiners. B. Maksimebuk, A. Zhurayley, M. Starikov. Muk., edev. prom... 20. no. 4.19-21. Ap. 460.

Pretimatic conveying coarse grained materials in a dense layer. A. M. Gasparian, R. M. Mirzakhaman, Izw AN Arm. SSR Ser, tekh mak 19 no, 6:48-53 466.

Pneumatic conveying of keramzit I Sychev Na stroi Ros 4 no. 3 9 Mi 16;

Pneumatic conveying of stepped small rollers in an automatic line L.P. Andrecv, K.B. Bulgakov, Tekh mashinostr, no 1,5-7, 166

Relation between intensity of the mean of pipe clions and the flor rate in pneumatic conveying. If F Dogin, M. P. Kuchima, A. V. Starovoltov, Izv. vys. ucheb. mav., chern, met. 10 no. 1190-191 for

Resistance of bends during pneumatic transportation of shiedded peat V M. Ponomarey Forf prom 43 no 8 17-19 *66

#### PREUMATIC MACHINERY-MAINTENANCE AND REPAIR

Ways of increasing service life of preumatic mining machines and mechanisms - G T Lamkovot - Izv vi nehch zav , gor, zhin. - 8 no 9 89-94 165

#### PNEUMATIC MACHINERY-SHOCK ABSORBERS

Conditions for efficient vibration reduction in air drill hammers with unambiguous vibration inertia damjors V.V. IUshin. B G Roydul Izv vys ucheb zav , got zhur. 10 no.1;88-92 '67.

#### PNEUMATIC TOOLS

Babuk, V.B., I.M. Storchak, and P.O. Chernenko.

[Pheumatic tools of a repairman-mechanizer] Pneumoinstrument remontnika-mekhanizatora. Kyiv, Urozhai, 1966. 132 p. (Ukrsil'hosptekhnika)

#### PNEUMATIC -TUBE TRANSPORTATION

Pneumatic transportation of concrete in industrial construction V V Dikusar, S kH Fridental. Prom stroi 39 no. 12 12 -15 '61

#### PNEUMOENCEPHALOGRAPHY

Pneumoencephalographic studies of late traumatic psychoses. F N. Markova, [Trudy]Gibuv no. 1 132-114 162

#### PNEUMOGASTRIC NERVE see Vagus nerve

### PNEUMONIA

Acute pneumonias following corticosteroid therapy G. P. Shullitav Sov med. 30 no 135-40 Ja '67

Basic errors in the diagnosis of acute pneumonias. A G. Dembo, R. D. Dibner Sov med. 30 no 159-64 Ja 167

Meningocele detected in staphylococcal pneumonia. Vest, rent, i rad, 11 no. 6'81-83 N-D '66.

Nonspecific reactions of the pulmonary stroma in chronic inflammatory processes of the lung P. S. Razin Arkh pat 28 no. 12 30-34 166

Patumonias in the period of influenza epidemics, January-February 1965 E.N. Arteni'ev, T.M. Romanova, Sov. med 29 no 11 42-17 N 166

## PNEUMOTHORAX

Changes in the blood system during terminal states of the organism caused by a pleuropulmonary shock. Sh S. Machavariani Soob, AN Gruz, SSR 27 no 2 217-223 Ag 161

Pneumothorax as a complication of trachectomy and its prevention V S Lande. Zhur ush., nos. i gorl, bol, 10 no 8 68-71 N-D 159.

Spontaneous pneumothorax in a child with a foreign body in the branchus, A.C. Brun'ko, Zhui ush ,nos.i gorl bol. 19 no. 6 78-77 N-D 159.

### POCHAYEV MONASTERY-FASTS AND FEASTS

Festivities at the Pochaev Monastery. Igumen Veniamin. Zimr. Mosk. Patr. no. 12:38-39 566.

### PODZOL

(see also subdivision under Murmansk Province; Soviet Far East; White Russia)

Let's improve the fertility of turf-Podzolic soils. V. T. Makarov. Zemledolie 8 no. 4:21-24 Ap *60.

### POETICS

Problems of linguistic poetics, V.P. Grigortev, Izv. AN SSSR, Ser. lit. i iaz. 25 no. 6:489-499 N-D '66. Some remarks on the phonological structure of Polish verse. D. M. Segal. Sov. slov. no. 1:65-69 '67.

## POETRY-HISTORY AND CRITICISM

Lysiuk, P.P. [The bard of new brotherhood] Spivets' braterstva novoho. Kylv, Znannia, 1966. 62 p. (CaOTU)

#### POISONING

Plethysmographic observations in tonsillogenic into deartion R.S. Kanov. Trudy LPAH 37:57-51 465

#### POISONS

Periodic miving of components in the manufacture of chemical poisons in a micer with fluidized bcd. A.G. Fomtchev, V.D Gvozdev Izv, vys, uchcb, zav, khim, i khim, tckh. 9 no 5:811-835 '66

#### POKROVSKII, BORIS ALEKSANDROVICH, 1912-

Chudnovskii, M.A. [A director produces an opena, the creative path of B.A. Pokrovskii, people's artist of the U.S.S.R.] Rozhisser stavil operu, tvorcheskii put narodnego artista SSSR B.A. Pokrovskogo. Moskva, Iskusatvo, 1967, 214 p.

#### PO LAND-BAKING-RESEARCH

Work of the scientific research institutes of the baking industry of socialist countries. N.E. Morey. Khieb r kond, prom. 11 no 16-9 Ja. 167

#### PO LAND-CHEMICAL INDUSTRIES

Organization of the supply of chemical and rubber goods in Poland I Korobkov, M. Bragniskii Mat -tekh, anabih 1 no 187-41 O '66,

#### PO LAND-COMMERCE

Polish trade with capitalist countries V Valevskaia, Vnesh torg 46 no 12:41-43 [66,

#### PO LAND-EDUCATIONAL RESEARCH

Long-range research plans of the departments of the Institute of Pedagogical Sciences of Warsaw University, Sov. pedag. 31 no. 1:158 Ja '67.

#### POLAND-GEODESY-STUDY AND TEACHING

Teaching geodesy in nongeodetic departments of inetitutions of higher learning in the Polish People's Republic, N l Modrinskii Izv vys ucheb zav., geod i aerof no 6 141-117 162

#### POLAND-HISTORY

Ripots'kyi, Stepan. [Ukralulan-Polish case before the court of woild public opinion] Ukrains'ko-pol'iskyi profess 1918-1923 pered svitovym trybunatom. New York, Ukr. publitnystychno-nauk.in-t, 1963, 38 p. Pro. York, U. (InU)

Stotekevich, S.M. [The labor movement in Poland in 1918 and 1919 (October 1918-July 1919)] Rabochee dytzhente v Pol'she v 1918-1919 godakh (noiabr' 1918 iful' 1919 goda). [Leningrad] Izd-vo Leningr, univ., 1906, 263 p.

## POLAND-RUSTORY-SOURCES

The Kosice Privilege of 1374, K.E. Livantsev. Vest. LGU 21 no 23 128-133 '66

### POLAND-JUSTICE, ADMINISTRATION OF

Extending the public purificipation in administration of justice in the Polish People's Republic. A. Makhnenko. Sov.inst. 31 no.3,26-27  $\Gamma$  67.

## POLAND-LABOR AND LABORING CLASSES

Stetskevich, S.M. [The labor movement in Poland in 1918 and 1910 (October 1918-July 1919)] Rabochee dvizhenie v Pol'she v 1918-1919 godakh (noinbr' 1918-tiut' 1919 goda), [Leningrad] Izd-vo Leningr, univ., 1968.

### PO LAND-POSTAGE STAMPS

Polish stamps. Knizh. torg. 18 no. 1;54 Ja '67.

## POLAND-RADIOLOGY, MEDICAL-CONGRESSES 23d Congress of Roentgenologists and Radiologists of Poland, I A, Percelegin, Med. 1ad, 11 no. 12:85-88 D '66.

## PO LAND-RELATIONS (GENERAL) WITH WHITE RUSSIA

Polish scientists and scholars have visited the White Russian Academy of Sciences, V. F. Charnikava, Vestsi AN BSSR. Ser hram nav. no 4,138 '66.

### POLAND-RUBBER INDUSTRY

Organization of the supply of chemical and rubber goods in Poland I. Korobkov, M. Bragunskii. Mat. -tekh, snab/h. 1 no 4,87-91 O 186.

## PO LAND-SEISMO LOGY

From the history of the study of earthquakes in Poland, I, V, Batiushkova Trudy Inst. ist. est. i tekh. 42;228-210 162

POLAND-SILOS-DESIGN AND CONSTRUCTION Designs for silos in Poland. V. Stakhurskii, M. Franke-vich. Bet, i zhel. -bet. 12 no. 11 38-45 N 466.

## PO LAND-SOCIOLOGY

Sociology and people's Poland. S. Epshtein. Nov mir. 38 no 12-289-27? D  $^{162}\,$ 

## POLAND-STONE AGE

Principles of the stratigraphy and cultural periodization of the Paleolithic in Poland, L. L. Savitskii. Trudy Kom chetv. per. 18 22-27 *81.

## POLAND-WORLD WAR, 1939-1945

Boldly, resolutely, L. Saltykov, Voen. vest, 11 no 6-22 Je '61

### POLAND-WORLD WAR, 1939-1945-CAMPAIGNS

Across the Vistula, V. Chuikov, Voen, vest, 41 no. 6: 15-20 Je (6)

#### POLAR REGIONS-GEOLOGY-BIBLIOGRAPHY

Bibliography on geology and minerals of the Arctic and Antarctic, Inform. birl NHGA no. 15 82-111 159

#### POLARITY (BIOLOGY)

Polarity and heterosis in plants, G. Kh. Molotkovskil. Vest, sel'khoz, nauki 11 no 11:28-31 '66,

#### POLARIZATION (ELECTRICITY)

Dissolution of smooth platinum when polarized in acid solutions. A.N. Chemodanov and others. Dall, MI

Photoelectret state in silicon with radiation defect: A. H. Gerasimov and others. Fiz tver.tela 0 no.11,7220-3231 N 166.

Scattering of kilovolt neutrons by lead and the electric polarizability of a neutron. IU A Alchandrov and others. Plat.v red. Zhur, eksper, i teoret, fiz. 1 no 5:196-200 S '66.

# POLARIZATION (ELECTRICITY) -- PHYSIOLOGICAL

Effect of the anode of direct intermittent current on the process of ropa ative regeneration in a skeletal mous le L. P. Tulikova, N. I. Lausi. Biul. ekap. biol. i med. 63 no.1:71-74 Ja 167.

#### POLARIZATION (LIGHT)

Self-focusing of light due to the Kerr effect. A. A. Ch. bon. Photorical Zharokappa of teoret. fiz. 5 no 2:01-65

POLARIZATION (NUCLEAR PHYSICS)
Chemian polarization of y-quanta in Tailel. V. M. 1 corshov and others. Pia'.v. red. Zhm. eksiper i teorel. fiz. 5 no.2:73-75 Ja '67.

Variational calculation of F-center polarizability in alkali-halide crystals (point lattice approximation) M. N. Adamov, E. M. Ledovskaia, T. K. Rebaus, 11. tvet .tela 8 no.11;3173-3176 N *66.

#### POLAROGRAPHY

Determination of cadmium and lead in germanium dissite by means of amalgam polarography with storage. A 1 Kamenev, D. N. Vinogradova, V. N. Figurovakaja, V. t. Moskam Ser. 2: Khim. 21 no. 6:113-115 N-D '66.

Determination of calcium by differential polarograph using an exalate ion wave [U.k. Delimate hyl, V 1), Ske ets!, Dep. AN URSR no 7 928-931 [67]

Nature of drop down curves on polarographic and catalytic hydrogen waves in nonbuffer solutions of pyridine and its homologs. M. K. Policyktov, S. G. Mairanovskii, Elektrokhimita 2 no. 12:1487-1491 D '86,

Polarographic behavior of some σ, β-unsaturated cutions B A, Arburov, P, A, Berdaikov Dokt, AN 555R 1/4 no 4,860-86° D 466.

Polar ographic determination of land microcontent in surface. A, A, Sakharov. Pochyovedenie no. 1/107-110 Jan ist.

Polarographic study of kinetics of fast protolytic reactions in water-dioxane solutions. V.O.Gul'tici, 9.6., 12 tt movskii, Elektrokhimiia 2 no 12;1414-1419 D 101.

Possibility of determining small amounts of cobalt h, amalgam polarography with storage. 13, N. Vinegi with a G. V. Prokhorova, G. S. Bukina. Vest. Mosk. under dr. Rhim. 21 no. 6:61-84 N-D 166.

Structure and reactivity of nitrogen-containing destructure of carbonyl compounds. Report No. 16: Polar ographic study of nicotinic hydrazide and some nicotinity ladia zones. IU. P. Kitaev, G. K. Budnikov. Frv. AN 5-141 ber khim. no. 1.17-22 Ja 167

### PO LABONS

Diamagnetism of bound polarons. IU, E. Perlin. Sh 17. Gifeisman. Fiz.tver.tela 8 no.11:3324-3331 N 4.8.

## POLESYE-ORIDATIDAE

Oribatid mites in redent but I ows of White Russian Poles, e I. V. Chykileuskaia. Vestei AN BSSR. Ser. bilal. nav. no. 3:ll0-ll4 | 166.

## POLESYE-PARASITES-RODENTS

Oribatid mites in rodent hurrows of White Russian Poles, & I. V. Chykilouskaia. Vestsi AN DSSR. Ser.bital. may

## POLESYE --- STONE AGE

Paleolithic in the Ukrainian Polesye, I. G. Pidoplichte, I. G. Shovkoplias. Trudy Kom, chetv, per. 16:75-88 (6)

### POLICE

Bashkin, A.V., and IU. V. Kuznetsov. [A talk not entered into the minutes] Razgovor bez protokola Leningra 1, Ob-vo "Zmanie" RSFSR Leningr.organizatsiia, 1985. (A talk not entere 1 31 p

Liability for the unlawful acts of policomen. N. 5, Malein, Sov. gos. i pravo no. 1, 131-132 Ja '87,

#### POLISH LANGUAGE-PHONOLOGY

Some remarks on the phonological structure of Polish verse. D. M. Segal Sov. slav. no 1:65-69 167.

#### PULISH LANGUAGE-SENTENCES

Slatkovskii, S. [Indefinite-personal sentences in the Russian and Polish languages] Neopi edelenno-lichnye prediozhenita v i usakom i pol'skom lazykakh. Nauch rukovoditel' T. P. Lomtov [Moskva] Lid-vo Mosk, univ ) 27 p (CaOTU)

#### POLISH PERMODICALS

'Emtinenty" or something of interest to everyone V.Slivka-Sheherbita. Az i Aft seg 10 no.153 Ja

#### POLISH STUDIES

A session devoted to the millentum of the Polish state. L.K. Sovietay, no 1410-113 47.

#### POLISHING WHEELS

Machine for Folling wolded joints D. M. Petrov. Machinestroitel[†] no. 135 Ja ¹67.

#### POLITICAL SCIENCE

Distribution of powers of the division of york? IU A. Tikhomizov. Sov. pos. i pravo no. h14-22 Ja 467.

### POLITICAL SCIENCE-DICTIONARIES

Basin, O. IA., ed. [Political dictionary] Politicheskii slovar'. Moskva, Kniga, 1964. 387 p. (CaAEU)

## POLITY KO, GEORGII

Georgil Polityko's first book "Comrade Officers." A. Vlasenko, V mirc knig 6 no. 6 31 Je 166.

#### POLIEN

Biology of tulip pollon, V.P.Pechenitsyn Nauch,trudy TashGU no 210433-111-162

Development of the pollen grains of Holobiae and their rel dion with Nymphaenceae. N.R. Meier. Bot. zhar. 51 no 12:1736-1740 D '66.

Polich quality of introduced woody plants. L. U. Kronchun-ka. Ventel AN BSSR, Ser, blish nov. no.1,38-12 '67.

#### POLICIN-MORPHOLOGY see subdivision under Later of the Control of the Control

#### POLONIUM

Figuretion of complex acids with overen-containing sofventa, Part 7; Extraction of polonium bismuth, and leaf with alcohols. A.S. IUshchenko, B. Z. Iofa. Radiokhimila no.6;621-626 66.

### POLITAVA, BATTLE OF, 1709

[Battle of Poltava] Poltave ka bytva. Kyiv, Derzh. vyd-vo obraz. mystetstva i muz lit-ry URSR, 1980. 1 v. (chiefly Illus ) (InU)

## TOLTAVA PROVINCE—AGRICULTURE

We need the support of the members of the Romsomol, N. Kirithenko Mol. komm, no 12 13-18 D 161.

#### ROLFAVA PROVINCE-PHARMACY-EQUIPMENT AND SUPPLIES

Introduction of some efficiency propositions in the plus macentical establishments of Poltava Province V O. Kudelyen, Tarmstsev. Phur. 18 no. 3:72-73 163.

## POLITAVA PROVINCE-SALINE AND ALKALI SOILS

Sweet clove: for salinized soils. M. Tiutiunik. Zem-ledelle 20 no.1;16-07 Ja 167.

### POLYAMIDES

Synthesia and study of polyamides from glutaryl dichim ides and an omatic diamines. O.IA. Fedotova and others, - Izv. vys. ucheb, zav. khim. i khim, tekb. 1 ms. 5:764-767 '46.

## POLYCTHYLENE

Molchanov, IU.M. [Physical and mechanical properties of polyethylene, polypropylene and polylsobutylene, a handbook] Fistcheskle i mekhanicheskle svoistva policitiona, polipropilena i polizobutilena; spravochnik, Riga, Zinatne, 1966, 436 p.

Photochemical cross-linking of polyethylene in the presence of some hensitizers. O. O. Kachan, H. V. Chemats'tyl, V. O. Shrubovych. Dop. AN URSR no. 10 1312-1314 166.

Using polyethylenc and capron parts in oil field gas compresso: stations. M.D. Sokov. Mash. i neft. obor. no. 11:32-33 466.

Using polyethylene scaling collars of reds in petroleum pipeline control valves. M.D.Sokov. Noft.khoz. 44 no. 12 56-57 D '66.

POLYHALFFE-EFFECT ON PLANTS see Plants, Effect of polyhalite on

#### PO LYMERIZATION

Dimerization of olefins under the effect of catalytic s.s-tems based on alkyl aluminum halides and nickel salts V.Sh Fel'dblium, N V Obeshchalova, A.I. Leshcheva Dokl. AN SSSR 172 no 1,111-113 Ja '67

Pffect of separate factors on the process of acetylene dimerization 5 Kantardzhian, A Sukrasian, Prom Arm 9 no.1152-51 'ub

Electron paramagnetic resonance method of studying the kineties of actylic oligocater at advanced stages of polymerization. B. R. Smir nov. C. V. Korolev. A. A. Berlin. Kin i lat. 7 no 6:890-994 N-D '66

Elementary acts of some polymer fration processes.

D. N. Shigorin, V. A. Tulupov, V. G. Plotnikov, Doll.

AN SSSR 172 no 1:141-141 Ja "67

Polymen tration of silovanes on metal surface under the effect of glow discharge. B V Trachuk, V, V Bushin, N P Smetankina. Ukr, khim zhur 32 no. II 1256-1257 466

Polymerization of vinylnaphthalene compounds of tar from gas pyrolysis. IU, G Mannedaliev and others Dokl AN Azerb SSR 18 no 3 17-20 162

Polymers with a conjugation system | Report No 58 Polymeris with a conjugation system. Report No Sa Polymeris dation of phenovacetylene and properties of polymers bried on t. A. Rerlin, M. I. Cherkashin, L.P. Chernysheva. Izv. AN SSSR, Ser. khim., no, 1:55-61 Ja 167

Production and study of a graft copolymer of methacrylic acid and collulose. Z. L. Zoskm and others Burn prom. no 12 11 D **166.

Progress in the field of interfacial polycondensation.

T. M. Prinnze, V. V. Kurashev, L. V. Kozlov Usp khim.
30 no 5:593-625 My '61

Scattering of polarized light on large anisotropic puttleley, V.G. Baranov, Opt 1 spekt. 21 no 5, 610-619 N '66,

Telemenization of octamethyleyeletetrasilevane with with the state of 2123-2128 166.

The magraphic method of studying the polymerization kinetics. A. G. Merchanov, V. G. Abramov, L. T. Abramova. Doki, AN 585R 171 no. 4:901-904 D 166.

## (see also subdivision under Armenta)

Combined effect of masticated rubber and Co80 gamma irradiation on carcinogenesis | S | Rivalampovich, S, P Pudsosov | Mcd rad, II | no | 12 64-65 | D | 166

Pffect of strain on sound velocity in polymeric fibers, O.Z. Hotyk, M.10 Kuchynka Uki fiz zhur, il no 12 1464-1372 D | 66

Pffectiveness of stabilizers of polyformaldehyde under conditions of protracted aging B M Kovarskais and others Plast massy no.143-45 *67.

I loors from polymers, how should they be? V. V. Tokmakov, Strot, I arkhit, I en. 28 no. 6,22-23 Jc '66. Gradient dependence of the quenching angles and viscosity of polymer solutions V.P. Budtov, N.D. Nesterova, I.A. Strelina, Vest, I GU 21 no 22 69-75 '66

Plastic surgery on the anterior abdominal wall using purolon 1.5. Vasilenko, S.N. Mukhoedova Khii urgita 38 no ll-92-97 N 462.

Problem of ordering of amorphous polymers, V. A Kargin and others, Doki AN SSSR 167 no 2,384-385 M: 166.

Properties of polymerized gypsum binding materials and articles based on them. G.S. Kogan, 1. M. TSm anov. Strot. mat. 7 no. 12 19-23 D 161.

Studying the interaction of film formers with vivianite. S,N Tolstala, S, A, Shabanova, A, B, Taubinan Lakok-ras, mat, i ikh prim, no. 6 8-10 166 Synthesis of highly basic monofunctional water-soluble

polyelectrolytes, L. P. Losev, 1 M Khruleva. Plast, massy, no. 1,3-5 '67,

Synthesis of polyesters and polyesteramides having spacenetwork molecular structure. K, A Andrianov, N. I. TSomaia, L, M Khananashvili. Izv, AN 555R. Ser. khim no. 1:159-161 Ja 167

Holing polymer materials for the conservation of products of the machine y industry T N. Malina, Tekh, 1 or g proize, no. 678-81 N-D '66

## POLYMERS-ELECTRIC PROPERTIES

Polymers as conductors, Prom Arm. 9 no. 11:81 '66.

## POLYMERS—OPTICAL PROPERTIES

Use of spectropolarimetry in studying the structure of optically active polymers based on alkyl methacrylates and itaconato. E. I. Klabunovskii and others. Izv. vys. uchob. zav. khim. i khim. ickh. 9 no. 5:823-82b '66.

## POLYMERS—THERMAL PROPERTIES

Dependence of the heat capacity of some polymers on temperature. A. N. Kaissev. Plast, massy no. 1 52-53 167.

POLYMERS, EFFECT OF HADIATION ON Prospects for reducing the toxicity of polymeric materials, V. D. Bartenev, I. A. Michailova, Sudostroenie 56 no. 12:40-43 D 466.

#### POLYMERS, EFFECT OF TEMPERATURE ON

Ther mal oxidative destruction of trickane copolymics with thoxolone. E G Skinrova and others. Plast massy no. 1 40-43 167

## POLYMERS, HIGH see Macromolecular compounds

#### PO LYNOMIALS

Extreme properties of Faber polynomials for star-shaped continua V I, Kan Trud, FGU 182 71-95 '65.

Finding the right-hand boundary of zeroes of an exponential polynomial. O A Dyshun, Zhur vych mat, i mat fiz 7 no 1.167-172 Ja-F 167.

New form of Fourier scries and selecting the best Fourier polynomiats, A L Vaindiner. Zhur vych, mat, 1 mat, fiz. 7 no. P177-185 Ja-F 167.

Order of approximation along the axis of continuous functions by Hermite - Fejét interpolation polynomials G. M. Gasanov Izv. Azerb. SSR. Ser fiz. -tekh i mat nauk no 19-15 '66.

Polynomials with minor simple divisors. Part 2 N. 1 Khmyrova, 12v AN SSSR Ser, mat, 30 no 6 1367-1372 *66

Range of values of polynomial expressions composed of coefficients of class S and ∑ functions LA Mcksan drov, V. G Kochegurova, Trudy TGU 175-39-49-464

Relations between certain upper bounds in the theory of the summation of double interpolation polynomials at Fourier series V.R Ponomarchko Dop AN URSH no, 7-843-845 '62

Schaeffer -Duffin's problem extended to finite functionals M IA, Zinger Dokl AN SSSR 172 no 1:14-17 Ja '67

Some inequalities for algebraic polynomials and rational functions D I, Mamedkhanov I2v AN Azerb SSR Ser fiz, -mat itekh nauk no. 5 9-15 '62,

Some problems bearing on the approximation of functions by algebraic polynomials in an integral metric V P Motornyi, Doki AN SSSR 172 no. 3:537-540 Ja '67

Special functions of discrete argument of axisymmetric potential V I. Makarov Dop AN URSR no. 10 1250-1254 166

Variant of Faber polynomials. V L Fan Trudy TGU 175,50-58 '61,

#### POLYOXYMETHY LENES

Study in the field of the crystallization of polyoximethy-lene, O.V. Romankevich, A.V. IUdin, Izv. vys. ucheb, zav., tckh, leg. prom. no 6-63-67 '66.

#### POLYPHASE ELECTRIC MOTORS see Electric motors, Polyphase

#### PO LYPHENYLS

Absorption and luminescence of impurities in crystals of organic compounds at 20° K Part 3, Naphthacene spectra in crystals of certain para-polyphenyls A.V Soloviov. Uki. fiz. 2hii. 1 no. 5°615-628 '59

### POLYPIODY

Selection of radioresistant diploid and autotetraploid forms of the buck-heat (Fagopyrum esculentum Mochhi R.N. Platonova, V.V.Sakharov Radiobiologua 2 no. 4 595-600 162

Triploid clone of aspen in forests of Novosibirsk Province, V T Bakulin, Genetika no. Il 38-68 186

### PO LYPROPY LENE

Molchanov, IU.M. [Physical and mechanical properties of polyethylene, polynropylene and polyisobutylone, a handbook] Fizicheskie I mekhanicheskie svoistva polie-Riga, Zinatne, 1966. 438 p.

Relative effectiveness of thiohisphenols as stabilizers of

polypi opylene, F. M. Egidis, K. A. Zolotareva, P. I. Lovin Piast, massy no. 172-73 167. Stabilization of polypropylene with a mixture of carbon

black and sulfidized staxic polypropylene A.A. Dontsov and others. Plast, massy no 18-10 167.

## POLYPROPYLENE, EFFECT OF RADIATION ON

Some problems of polypropylene radiochemistry, R. A. Vesslovskii, S. S. Leshchenko, V. L. Karpov. Dokl. AN SSSR 167 no. 2.339-341 Mr 166

## PO LYSACCHARIDES

Histochemical study of polysaccharides in mucous membrane of respiratory region of nasal cavity and polyps. Zh. K. Lopunova. Arkh anat , gist i embr 51 no. 10:69-

Histochemical study of polysaccharides in venom glands of snakes 4, M. Zakhaiov. Arkh anat , gist i embr 51 no 10 118-122 O 168

Hydrolysis of polysaccharides converted into a readily hydrolyzable state by mechanical and chemical treat-ment, N.V.Chalov, E.F.Goriachikh, V I Sharkov, Sbor.trud, NHGS 14:166-179 '65,

## PONDS see subdivision under Caucasus, Northern

### PONTOON BRIDGES

Stability of floating supports with pneumatic ballast systems. A.V.Soloviev. Transp. stroi. 16 no. 4.48-47 Ap *86.

(see also subdivision under Saratov Province)

Manifacture of high-yield suifite woodpulp from poplar 1 Daul 1 Kobor, D.Hering Bum prom 37 no 5 3-6 My 162

#### POPLAR-DISEASE AND PEST RESISTANCE

Studying the resistance of the wood of poplars to the complex of soil inhabiting posts E F Churshova, Lishosp, lis, pap i der, prom no 124-26 Ja-F '67

#### POPOV, ANDREI ALEKSANDROVICH, 1902-1980

In memory of Andrei Aleksandrovich Popov. Sov etn no 2 137-140 Mt-Ap *61

#### POPOV, FEDOT ALEKSEEVICH

Did Fedot Popov reach the Kamchatka River? V.P. Kuskov Vop. geog kamch, no 4:94-100 '66

## POPOV, NIKOLAI FEDOROVICH, 1885-

Nikolai Fedorovich Popov; on the 50th anniversary of his work Fiziol zhur 49 no 3 385-386 Mi '63

#### POPPY

Mechanization of operations in growing oilseed poppy, V Ukrainets, Tekh v selkhož 27 no 114-16 67.

#### POPULATION.

Defining size of settlements in relation to municipal service system A Vladimirov, Arkhit SSSR no 1, 46-48 67

[Geography of the population and populated places of the U.S.S.R.] Geografiia naselentia i naselennykh punktov SSSR. Leningrad, Nauka, 1967. 291 p.

Valentel, D.I. [The theory and policy of population.]

Teorila i politika narodonaseleniia Moskva, Vysstala shkola, 1967. 183 p

POPULATION-BIBLIOGRAPHY see Bibliography-Population

#### POPULATION RESEARCH

Is t ere a limit to the growth of population? Mankind and the resources of the earth V V Pokshishevskii Priroda no 14:23 Ja *87

PORCELAIN see subdivision under Leningrad; Moscow, Moscow Province

Method for determining the porosity of varnish coatings applied to wood M. P. Goren'kov Izv vys.ucheb.zav; les.zhur. 9 no 6;93-96 '66

Perous structure of electrophoretic deposits (with summary in English), I,S Lavrov. Koll zhur 23 no. 3: 295-298 My-Je '61

Preparation of ultraporous sitica gels with Internal porosity (with summary in English). Z. Z. Vysotskia, M. V. Poliskov. Koll, zhur. 23 no. 3 255-256 My-Je

Ultra- and microporosity of quartz crystals. A. S. Shur, II. N. Amírtev, N. T. El¹kina Zap Vses. min. ob-vo 95 no. 6:743 -748 466.

### POROSTTY-TESTING

Checking the air-tightness of welded joints and base metal of a structure by GTI-3 and VAGTI-4 leak detectors V I, Zalisev, T, IA, Ruleva Defektoskopita 2 no, 6·50-58 '66,

## POROUS MATERIALS

Law of viscoplastic body filtration through a porous medium (with summary in English). A. M. Gutkin, Koll, zhur. 23 no. 3 350-351 My-Je '61.

### POROUS MATERIALS-THERMAL PROPERTIES

Comparative evaluation of the heat conductivity of humid capillary porous materials at temperatures lower and higher than O'C. N.V. Pak. Inzh.-fiz.zhur. 12 no 1: 88-71 Ja '87.

Thermophysical properties of a two-phase dispersed system saturated with different fluids. A.B. Verzhinsknia. R.Sh. Vainberg. Inzh. -fiz. zimr. 12 no.1:38-42 Jn 167.

## PORPHYRIES

Dacite perphyries as high quality raw material for the manufacture of acid-resistant ceramic materials. L.D. Mukhraneli. Soob. AN Gruz. SSR 44 no. 3;611-617 D '66.

## PORPHYRIN AND PORPHYRIN COMPOUNDS

Biosynthesis of porphyrins in developmental dynamics of Actinomyces olivaceus, producer of vitamin B₁₂. V. N. Shaposhnikov, I. V. Konova, R. K. Rybakova, Dokl. AN SSSR 171 no. 6:1439-1442 D ¹66.

## PORTACAVAL ANASTOMOSIS

Immediate and late results of portacaval anastomosis, B. A. Petrov, E. I. Gal'perin, P. A. Ivanov, Khirurgita 42 no. 12:5-11 D 166,

### PORTAL HYPERTENSION

Thromboemboile compileations following operation for portal hypertension and their prevention by means of anticoagulants. S. G. Kontukhov, V. A. Zhuraviev, Khirurgiia 42 no. 12:16-20 D *66.

#### PORTLAND CEMENT-STANDARDS

Standard for portland coment for the production of ashestos cement artícles Stroi, mat 7 no il 3 of cover

#### POSITRONS

Anomalies of position annihilation in ionic crystals V. I Golfdanskii, E P Prokop'ev. Pis' v red Zhur eksper. i teoret fiz 4 no. 10 122-125 N 166

## POSLAVSKII, VIKTOR VASIL'EVICH, 1896-

70th birthday of Cornesponding Member of the All-Union Academy of Agricultural Sciences Viktor Vasil'evich Poslavskit S Girshkan Vest sel'irhoz.nauki 11 no 12,125-126 'D'66

POSTAGE STAMPS see subdivision under Bulgaria, India, Poland

#### POSTAGE STAMPS-CATALOGS

Postage stamps of the People's Republic of Bulgaria, Postage stamps of the People's Republic of Bulgaria, the Hungarian People's Republic, the German Democratic Republic, the Polish People's Republic, the Socialist Republic of Rumania, and of the Czechoslovak Socialist' Republic, a catalog] Pochtovye marki Narodnoi Respubliki Bolgarii, Vengerskoi Narodnoi Respubliki, Germanskoi Demokraticheskoi Respubliki, Pol'skoi Narodnoi Respubliki, Sotsialisticheskoi Respubliki Rumynii, Chekhoslovatskoi Sotsialisticheskoi Respubli-ki, katalog. Moskva, Glav. Filatelisticheskala kontora Soiuzpechati M-va sviazi SSSR, 1986. 205 p. illus.

## POSTAGE STAMPS-COLLECTORS AND COLLECTING ABC of philately . A. Sudakov, Knizh, torg. 17 no 11-12-13 N '66,

For you, collectors M. Vasiun'kın Knizh, torg. 17 no.11, 11 N '66

Into the catalogs of Soviet stamps in 1966. Knizh.torg. 18 no.1 55-56 Ja ¹67.

#### POSTAGE STAMPS-TOPICS-SPORTS

Sashenkov, E. P., and M. E. Levin. [Philately under the sign of the "five rings"] Filatelia pod znakom piati kolets. Moskva, Sviaz', 1906, 149 p.

#### POSTAL CARDS

The first years of Soviet postcards. M. Pichkhadze. Knizh.torg. 18 no.1;45-46 Ja '67.

POSTAL SERVICE-BUILDINGS see subdivision under

#### POSTERS

Advice on visual propaganda. Part zhizn' no. 4,83 F 167

New gosters for automotive transportation units, L. Ivanov Avt transp. 40 no. 6.63 Je 162

Propaganda posters are ten years old. I. Abramakit. Ishusstvo 28 no. 12 2-7 186.

A review of visual propaganda in the province. Agitator 34 no. 4.64 F '67. A review of visual propaganda in the province. Part zhizn' no. 3 00 F '67

## POSTOPERATIVE CARE

Correction of water-electrolyle balance in early postoperative period T.P. Makarenko, B. M. Druianov, N.P. Ryzhkova Sov, med 29 no 10 140-144 O '66,

Immediate results of surgical treatment in elderly and sentle patients V.T.Shkrobot, Sov med 20 no.11 senule patients 103-106 N '66

Some characteristics of management of patients with mitral stenosis and late observations following commissurotomy. A, I, Terent'eva. Trudy LPMM 37:155-156 '65. Treatment of chronic calculous cholecystitis in the light of late results. V, V, Vinogradov, G, E, Basner, Khirurguta 42 no.12.41-46 D '66.

## POTANIN, GRIGORII NIKOLAEVICH, 1835-1920

G. N. Potanin during the socialist revolution and civil war in Siberia. I. M. Razgon, M. E. Piotnikova. Trudy TGU 158:138-153 '65.

## POTASH MINES AND MINING

Concerning the book by N.G. Trupak "Methods of controlling water in potash and salt mines." E. L. Shishov and others. Ugol' Ukr. 6 no. 12-44-45 D '62.

### POTASSIUM see subdivision under Kazakhstan

POTASSIUM-EFFECT ON PLANTS see Plants, effect of potassium on

### POTASSIUM-ARGON DATING

Practice in potassium-argon geothermometry and evalua-tion of thermodynamic parameters in forming intrusive bodies. S. B Brandt and others, Izv, AN SSSR, Ser, geol, no, 1:21-30 Ja '67,

### POTASSIUM BENZOATE

Effect of catalytic additions on disproportionation of potassium benzoate, A.Z. Bikkulov, R.N. Khiestkin, V. Kh. Khamaev. Izv. vys. ucheb, zav; khim, i khim. tekh. 9 no. 5.841-843 '65.

#### POTASSIUM BOROHYDRIDE

Fusibility diagram of the system KCI - KBH₄, V L Mikhreva, S V, Zapol'skii Doki, AN SSSI 171 no. 4 Mikhreya, S V. 872-873 D '66

# POTASSIUM CHLORIDE CRYSTAIS-ACOUSTIC PROPER-

Ultrasound absorption in KCl single crystals in the megacycle frequency bond. Kh. M. Khalilov. A.I. Agaev. Lv. AN Azerb. SSR. Scr. fiz. -tekh. i mat. nauk no. 4.82-

#### POTASSIUM FERROCYANIDE CRYSTAIS-FERRO-ELECTRIC PROPERTIES

Behavior of ferroelectric properties of K₄Fe(CN)₆, 31t₂O at high pressures A, IA, Krasnikova, I, N, Polamby, V, P, Mylov. Fiz.tver.tela 8 m. H 3320-3323 N *66

## POTASSIUM FLUOBORATES

X-ray diffraction study of potassium tetrafluotriborato K2[B3O4F4OH] V A Egotov, L R, Batsanova, Zhur neorg, khun. 12 no. 1 279-280 Ju 107.

## POTASSIUM FORMATE

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#### POTASSIUM IN THE BODY

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#### POTASSIUM METABOLISM

Effect of applications of mud from Lake Uldahay (Ornak Province) on the content of potassium in the heart of white rats. O. A. Sorebrendkov Vop. km., firloter lech fiz kul⁴t. 31 no.6:537-539 ¹66 Vop. km . , fizieler.1

#### POTASSIUM PERMANGANATE

Accelerating the reaction of formation of potassium manganate. M. N. Machulkin and others. Trudy GIPKH no. 17:78-83 [62].

Electrochemical exidation of the manganate ien to permanganate. M.N. Machulkin and others. Truly GIPKH no. 47:84-92 162.

New design of a single-solution electrolytic bath for obtaining potassium permanganate. M. N. Machull in and others. Trudy GIPKH no. 47:93-67 '62.

New technological flow sheet for the production of manganates and potassium permanganate. M. N. Machulkin and others. Trudy GIPKH no. 47:00-103

#### POTASSIUM PHOSPHATE CRYSTALS—OPTICAL PROPERTIES

Electro-optical propertion of pointminn dilydrophosphate and deuterated potassium dihydrophosphate crystals in region of their phase transitions. A. S. Sonin, A. S. Vasilovskaja, B. A. Strukov, Fiz. tvor. tela 8 no.11, 3436-3439 N 186.

### POTASSIUM PHOSPHATES

Use of potassium tripolyphosphate in liquid detergents, F.V. Nevolin and others, Masl, -zhir, prom. 32 no. 11.28-30 N '06.

### POTASSIUM SALTS

Origin of red color of potassium salts. IU, A. Borshellev-skii Min. sbor. 20 no. 1:58-60 '60.

## POTASSIUM SUPEROXIDE

Melting of potassium superoxide. A. B. TSentsiper, T. I. Rogozhinikova, Izv. AN SSSR, Ser, khim. no. 1:195-197

## POTATO BEETLE

Cinovskis, J., A. Cibulska, and M. Silova. [Polato beetle or Colorado beetle] Kartupelu lapgrauzis jeb Kolorado vabole. Riga, Zinaine, 1986, 48 p. [In Latvian] (DNAL)

### POTATO DRYING

Drying line for potatoes out in cubes. O.S. Danchenko. F.K. Lamash. Kons. i ov. prom 21 no 12:3-5 D 166

## POTATO HARVESTING MACHINERY-TESTING

Testing of potato digger combines and machines y. \
Gorbunov. Trakt, i sellkhozmash. 30 no. 3:19-24 Mr 100.

## POTATO MOSAIC VIRUS

Effect of gibberellin on the virus X of potatoes in vitro and in vivo, L. K. Zhorebchuk. Trudy KHSKHI 66-120-135 160.

### POTATO PRODUCTS

Potato crackers with additives, V. N. Zalotskii, N. T. Rybko, R. L. Kovganko, Kons. i ov. prom. 21 no. 12 23-24 D 166,

#### POTATORS

(see also subdivision under White Russia)

Methods of detecting induced somatic mutations in potatoes E A. Solomko Radiobiologija 2 no 1 631-638

Mitrates in soils of potato fields V. P. Illdina Izv ISAHI no 24,161-165 '62,

Pay more attention to the procurement of potatoes for alcohol production, Λ, G Sorokin, Perm, 1 spirt, prom, 33 no 127-28 67.

#### POTATOES-DISEASES AND PESTS

Effect of Ditylenchus destructor Thorne on carbohydrate M.G. Bolisova. Zool zhui 45 no.12:1876-1877 '68.

Fifect of regeneration processes in potato on its infectibility by stem nematole. I. V. Rumbu, S Miuge. Paraz, shiv. I rust. no. 2,209-210 466.

Fifectiveness of summer planting and early harvesting dates of potatoes in controlling spindle shaped tubers and virus Y. IV.A. Leontieva Trudy KHSKIII 56:108-

Recent data on the nature of the blossom-end not of tomatoes, V P.Sheiko. Trudy KHSKHI 58 91-93 166

Succinic acid and wire stem of potatoes, 1U Shneider, O. Khilkova, Zashch, rast, 12 no. 1:56 '67,

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#### POTATOES-FERTILIZERS AND MANURES

Fifect of foliar feeding of cobalt to potato and sugar boot plants on the yield and its quality M. U. T. Sinranta eva., M. Z., Perer. L. M. Darozhkina Vestsi AN BSSR. Ser sellmap. nav. no 4.21-23 [66].

Influence of nutrition on the net productivity of photosyn-thesis and the crop of potatoes P.M.L'vova Nauch soob IAFAN SSSR no.8.57-62 '62.

#### POTATOES-GENETIC RESEARCH

Dihaploid of potato A. P. Ponomin eva. Doki. AN SSSR 172 no.1;208-200 Ja '67.

O. creening noncressability in interspecific poteto breeding. B. A. Kotova. Genetika no. 11:157-158 166.

#### POTATOES—STORAGE

[Forced air ventilation of polatoes and cabbage in storage] Aktivnoe ventilinovanie kartofella i kapusty pri khranenti. K stoletilu sol'skoklozutstvennol Akademii intent K. A. Timiriavova. Moskva, Kolos, 1908. 230 p.

## POTENTIAL, THEORY OF

Nectrokinette propertion of iodine-amylone complexes, Q. P. Kabon, O. D. Kurylenko, Dop, AN URSH no. 12; 1504-1595 '66,

Sincothness of thermal potentials. Part 3. L. I. Kamynia. Dif. urav. 2 no.11:1484-1501 N '66.

Digital transistor potentiometer. K. A. Netrebenko, V. B Reutov Blul tekh, -ckon Inform Gos, nouch, issl inst. nauch i tekh inform 19 no 17,46-46 D 66.

## POTENTIOMETRIC ANALYSIS

Determining the total acidity and total alkalinity of mineral cils by potentiometric titration. L. G. Rappeport Inform. shor. TSNIMF no. 166. Tekh. ekspl. mor. flota no. 40:76-84 '66.

Fifect of the electrode material on the amount of normal electrode potential. F. A. Mamontov. Plek. obr., mat no. 1.39-12 [66].

Study of the behavior of UO3 and its hydrates in solutions by means of hydroxide electrode of the third kind, 1U, I Gryzin, K. Z. Korytsev, Zhur, neorg khim, 12 no. i. 101-107 Ja '67,

## POTTIER, EUGENE, 1816-1887

From barricades to the universal On the 150th anniversary of Rugene Pottler's birth. T. Gladkov. Mol. komm, no. 10:88-00 '66,

## POULTRY

Improving the most quality of Moscow poultry. I. M. Belov. Dokl. TSKHA no.45(101-107 150.

## POULTRY-CONGRESSES

At the World Congress on Poultry Roising, L. Fitina, Vest, sel'khoz, sauki 11 no, 11/151-155 166,

### POULTRY-FEEDING AND FEEDS

Some data on the exchange of vitamin B₁₂ in young hens as related to the type of protein mitrition with vitamin B₁₂ additions. IAn Chahan-han' [Yang Chang-yuan]. Dokt. TSKHA no. 45:87-92 159.

## POULTRY—PHYSIOLOGY

Studying the metabolism of phosphorus and colcium in growling poultry. G.V. Filatov. Dokl. TSKHA no.45: 181-185 '50.

## POULTRY HATCHERIES

Raising the effectivity of student excursions. L. I. Gonts-ler. Shkola i proizv. 10 no.12:60-05 D 66.

#### POLITRY HOUSES AND EQUIPMENT

Machines and equipment for poultry farms. V Lysenko, Tekh v sel'khoz. 27 no.117-24 '67.

Non-freezing water supply in pouliry houses N. Vyiwa Tekh v sel'khoz 21 no 12 24 D '61

#### POULTRY HOUSES AND EQUIPMENT-EXHIBITIONS

Machines for poultry raising at an international exhibi-tion. V.A.Khrnyrov, N.E. Meshkova. Trakt i selkhoz -mash, no.1:30-33 Ja 187.

#### POULTRY INDUSTRY ... CONGRESSES

Scientific conference on the production of poultry products. N. TSarikov Mias, Ind. SSSR 38 no. 1 43 Ja 167.

#### POULTRY INDUSTRY-EXHIBITIONS

Sale of eggs and poultry meat. M. Glinka. Zakup, sell-khoz, prod. no 11 36-38 N 466

#### POWDER METAL PROCESSES

Manufacture of bronze-graphite strips by powder rolling V.A.Spinov, G.A.Vinogradov Porosh met. 6 no. 12 9-14 D 166.

New equipment for obtaining carbonyl iron powder. V.G. Syrkin, IU.G. Kir-ianov, Z.L. Bomshtein. Biul. tekh.-ekon inform. Gos. nauch -issi inet nauch. i tekh. inform. 10 no 12 23-24 D 166

Powder movement during vertical rolling, V.S. Smirnov, N.N. Pavlov, Trudy LPI no. 260:18-21 '85,

Rheological investigation of a plasticized powder batch mixture. A.G. Kostornov, A.I. Raichenko Porosh, met. 6 no. 12:37-42 D 168

#### POWDER METALLURGY

Combined reduction of Iron scale in vertical, continuous action muffle furnaces. P.N. Ostrik and others. Porosh met. 6 no.12 i-6 D 466.

Content of carbon, sulfur, and oxygen additions in iron powder depending on conditions of reduction with solid carbon V F, Kniazev, F, A, Krashennikov, Izv. AN SSSR, Met no. i 18-23 Ja-F 187

Magnetic reversal process in barium ferrite powders E.V. Shtol'ts. Fiz.tver.tela 8 no. 11:3416-3418 N '66.

Obtaining a compact chromium chloride and studying its physicomechanical properties. F. N. Tavadze, III. M. Knivellshvili. Soob AN Gruz SSR 44 no. 2:373-377 N '06.

Study of ferrite powders obtained in thermal treatment of salt mixtures. A. F. Grodshtein and others. Ukr. kbim zbur 32 no. U·1239-1242 168.

### POWER ENGINEERING

(see also subdivision under Estonia)

Optimization of the parameters of future cycles and networks of their mal power systems. L. S. Popyrin, V. I. Trushcheler, A. I. Shwartsberg. Enorgomashinostroenie 12 no.101-4 N '66.

Power industry Day. Energ, i elek, no. 6:3-5 N-D 166. Power industry day, a general holiday of the power industry workers of the U.S.S.R. P.S. Neporozinyi, Elek, ata, 37 no. 12 2-5 D 166. Problems of low-temperature power engineering. L. M.

Rozenfel'd, Izv. AN SSSR, Energ i transp. no. 6:84-96 N-D '66,

## POWER ENGINEERING-PERIODICALS

Contents of "Energotika i transport" for 1966. Izv. AN SSSR, Energ. I transp. no 6 163-168 N-D 186,

POWER PLANTS-EQUIPMENT AND SUPPLIES-BIB-LICGRAPHY see Bibliography—Power plants-Equipment and supplies

(see also subdivision under Chimkent)

Changes in the molecure of the pressed material in screw presses. A. M. Goldovskii, M. G. Zaitseva. Masl. -zhir prom. 32 no. 11:11-13 N '66.

Characteristics of dewatering emulsion copolymer rubbers in worm presses. E. G. Lazariants and others. Kauch, i rez. 26 no. i:8-9 '67.

### POWER RESOURCES-MANAGEMENT

Brill, R. IA., and I. M. Kheister, [Economics of socialist power resources] Ekonomika sotsialisticheskoi energetiki. Moskva, Vysshaia shkola, 1966. 447 p.

## POWER RESOURCES --- STATISTICS

World fuel and power belance: problems of the last third of the century. L. Tomashpoliskii. Mir. ekon. i mezhdunar, otn. no. 2:15-20 '67.

#### POZHVA (PERM PROVINCE)---IRON AND STEEL PLANTS

Kazantsev, P. M. [At an old Ural plant; notes of a student of the region] Na starom ural skom zavode, zapiski kraeveda, [Porm'] Permskoe knizhnoe izd-vo, 1966.

## POZNAN-FAIRS

Ties between trade and production. L. Tariverdiev. Sov. torg. 40 no. 2:40-42 F 167.

#### PREACHING

Averkhil, Bp. [A guide to homiletics] Rukovodstvo po gomilelikie, Jordanville, N.Y. Holy Trinity Monastery, 1961. 110 p. (NIC)

#### PRECAST CONCRETE

In connection with a certain review. P.B. Gorbushin, K.V Mikhailov, N S Lutov. Bet I zhel, -bct. no 12-568 D *61

Reinforced concrete elements for major repair of apartment houses. A I Ivanov Gor khoz. Mosk 35 no 12

Study of the hardening of concrete in an autoclave by the ultrasonic pulse method. A. F Shchurov, G N Sukhov. Stroi mat 7 no. 11-36-38 N '61

#### PRECAST CONCRETE-STORAGE

Outdoor storage of precast concrete products - V Baranov Na stroi Ros - 5 no 3 26-27 Mr *64

## PRECAST CONCRETE CONSTRUCTION (see also subdivision under Czechoslovakia; Donets Basin; Great Britain; Kazakhstan; Ural Mountain region; Volga Hydroelectric Power Station (22d Congress of the CPSU))

Choosing the structural layout of the roof of wide-span buildings made of precast reinforced concrete, N.F. Dembovskii Prom stroi 39 no.12 38-41 161.

Compactness, economy, high quality; manufacture of precast structural elements on horizontal conveyor lines with piles of thermoform molds N.A Smirnov, L N Chumadow Strott srkhit Len. 28 no 5 21-24 My '66.

Construction of a boiler house from precast reinforced concrete A Takhtarov, Na stroi, Ros 4 no. 3 8

Continuous production of space structures M. Odinov Na stroi, Ros 5 no. 3 16-17 Mr 164

Heating devices for sealing joints of precast reinforced conclete elements A.I. Alekseev, N M Rodigin Prom stroi. 39 no 12 15-18 '61

Improvement of the elements of large-panel apartment houses, A. A. Shishkin Bet, i zhel, -bet, no. 12 531-536 D '61

Precast channels in construction of a state regional electric power station (GRES), M.L. Blank, S.L. Blank, Prom. stroi. 44 no 12:42 '56.

Precast reinforced concrete in rural construction in the Ukrainian S. S. R. V. V. Zakharchenko, Bet. i zhel - bet, no. 12:536-540 D '61 Standard or ecast structural elements for buildings under

repair, G. M Rabinovich Stroi, i arkhit Len no. 12:16-17 D '66. Stressed state of process prestressed elements before concrete compression, S.S. Dzhanazian, Izv. AN Arm, SSR, Ser, tekh, nauk 19 no. 6:55-56 '66.

Urgent industrial problems and the introduction of pre-cast reinforced-concrete timbers, M N Geleskul, P.I.Gneushev Shakht.strol 5 no.114-8 N 161.

Veing precest structural elements in building engineering structures. S.B. Haikin, Transp. stroi, 16 no. 1:26-28 Ap '66.

#### PRECAST CONCRETE CONSTRUCTION-EQUIPMENT AND SUPPLIES

Gorbovets, M.N., and V. F. Pavloy. [Soviet and foreign machinery for cleaning and lubricating forms in the pro-duction of precest reinforced concrete, a survey] Otechestvennoe i zarubezhage oborudavenie diia ochistki i chesivennos i zarubeznos coordovenis dia centata i smazki form pri protzvodstve sbornogo zhelezobstona, obzor. Moskva, Nilinformatsti stroidorkommumash, 1985. 64 p. (Seriia 2º Chorudovanie dila promyshlen-nosti stroitel'nykh materiatov)

### PRECIOUS METALS-METALLURGY

Kinetics of the process of cementation of noble metals from cyanide solutions. L.A. Kakovskii, O.K. Shcherba-kov, lzv. AN SSSR, Met. no 176-86 Ja-F 167.

PRECIPITATION (METEOROLOGY) see subdivision under Carpathian Mountains; Japan Sea

### PREDATORY ANIMALS

Mathematical model for studying relationship between animals of prey and their victim. F S. Illrochko. Dokl, AN BSSR 10 no. 11 901 904 N 186.

## PREDVODITELEV, ALEKSANDR SAVVICH, 1891-

Aleksandr Savvich Predvoditelev; on his 75th birthday. Vest. Mosk. un. Ser. 3; Fiz., astron. 21 no. 6;112-114 N-D '66.

PREFABRICATED BUILDINGS see Buildings, Prefabricated

## PREGNADIENEDIONE-SIDE EFFECTS

Acute pneumonias following corticosteroid therapy. G.P. Shulltsev. Sov. med. 30 no.1-35-40 Ja 167.

## PREGNADIENEDIONE-THERAPEUTIC USE

Treatment of dermatitis and toxicodermatitis with prednisolone and prednisolone ointment. M. E. Lipets, Sov. med. 30 no.1:138-141 Ja '67.

## PREGNADIENONE

Synthesis of 45, 16-pregnadiene-38-ol-20-one acetate iron: dioagenin N.N. Dykhanov Zhur, prikl khim 34 no 6 1393-1396 Je 161

#### PREGNANE

Synthesis of pregnanc-30-of-11, 20-dione-3-acetate from deoxycholic acid G I Kirpiianov, L N Volovel'akli. Zhur prikl khim. 31 no 6 1389-1392 Je (6)

#### PREGNANCY

Effect of the blood setum and sexual hot mones present in the mine of pregnant women on the isolated uterus, M. S Gigineish "ill Soob AN Gru" 55R 25 no 6 747-754 Jc "el.

Relation between the period of pregnancy and the live weight of newborn calves in various cattle breeds G. F. Oysjannikov Dokl. TSKH\ no 45,45-50 59

#### PREGNANCY, COMPLICATIONS OF

Fiftedt of X rays on the development of embryos and placents in rats following is radiation on the 8th day of pregnoncy A. P. Nikonov. Biul chap biol.; med. 63 no 1,85-98 Ja '67.

New variations of drug therapy in jate toxemia in pregnancy A M Foi, M I Anisimova. Sov med 29 no. 10 111-119 O 166,

#### PREGNANCY, EXTRAUTERINE

Acute appendictits, extrauterine pregnancy and juptures of the ovaries 10. A Muromskil and others, Khirungua 42 no 12 76-81 D '66

Transformed steroids. Report No. 6. Mechanism of stereospecific cis-opening of oxide ring of 16a, 17a-epoxy- $\Delta^5$ -pregren-3f-ol-20-one A Akhrem and others 12v AN SSSR Ser khum no 1 115-12i Ja 167.

#### PRELIMINARY EXAMINATIONS (CRIMINAL PROCE-C DURE)

Ivanov, V. A. [Preilminary examination in Soviet criminal procedure, a textbook on "Preliminary examination and Investigation of criminal offenses," a special course for students of evening and correspondence departments Doznanie v sovetskom ugolovnom proteesse, uchebnoe posobile dlia studentov vechei nego i zaochnogo otdelenii po spetskursu "Mozyski i tassledovante," [Leningrad] Izd-vo Leningr. univ , 1966, 36 p.

Some problems concerning the limits of evidence in some procedural decisions during preliminary investigation, L. M. Karneeva, G. M. Min'kovskii Vop pred prest, no. 4.87-109 [66].

#### PRENATAL INFLUENCES

Characteristics of the formation and functioning of tem-polary connections in early postpated ontogenesis in pupples il radiated on the 20th day of embryogenesis, M.G. Airapotiants Trindy Inst. vys. neiv deiat Ser. patofiziol 10 27-37 162

Characteristics of the formation and functioning of temporary connections in early postnatal entogeny in pup-pics irradiated on the 15th day of embryogenesis M. G. Airápetiants. Trudy inst vys.nerv detat Ser.patofiziol

Comparative morphological study of changes in the brain of rats irradiated with doses of 50, 150 and 200 r on the 12th day of their embryonic development M. M. Alelsandrovskaja Trudy Inst vys nerv. dciat Ser, pstofiziol 10 125-137 162

Conditioned reflex activity in adult white rats exposed to the action of ionizing radiation during the organogenei-do stage M.B.Gol'dberg. Trudy inst vys nerv deiat. Ser parofiziol 10 58-70 '82

Disorder of the activity of the higher portions of the central nervous system in animals exposed to X-ray doses of 25 r duting the fetal period of their antenatal devel-opment 1.4 Kolomeitseva. Trudy Inst vys nerv. delat. Ser. patofiziol 10 71-81 482

Effect of X rays on the development of embryos and placentas in rats following irradiation on the 8th day of pregnancy. A. P. Nikonev. Biul eksp.biol.i med 63 no 1:84-88 Ja *67.

Higher nervous activity in middle-aged rats exposed once to ionizing radiation during the fetal period of their antenatal development. I.A. Piontkovskii, I.A. Kolomeitseva Tr 10'82-89 '62, Trudy Inst.vys. nerv. doist Ser patofiziol

Higher nervous activity of sexually mature rate of middle age exposed to repeated ionizing irradiation during the period of their antenatal development. I. A. Pionikovskii, V.N. Semagin Trudy ins. vys. noiv. delat. Ser. patofiziol. 10,00-101 462.

Morphological changes in the brain of rabbits trradlated the last stages of their antenatal development. I.A. Chernyshevakaia. Trudy inst, vys. nerv. deiat. Ser. patofiziol. 10:138-144 '62.

Some characteristics of the formation and development of the functions of the higher portions of the central nervous system in rabbits expeed to ionizing irradia-tion during the period of their intrautorine development. R. I. Kiuglikov. Trudy Inst vys. perv. deiat. Ser. pato-fiziol. 10:38-57 162. Two mechanisms of functional disorders of the brain in animals irradiated during the period of embryonic di-velopment A M. Ivanitskii Trudy Inst vys nerv derat Sei patofiziol 10 102-115 '62

#### PREOPERATIVE CARD

Evaluation of the sedative effect of premedication, V. A Gologoi skii, A D Chasovnikov Sov. mrd, 30 no 1, 108-116 Ja '61.

Severe complication following premedication with andaxin, M. C. Natanson, P. V. Savehenko Sov. med. 30 no. 1 119-121 Ja 167.

(see also subdivision under Germany, West)

IU1ko, A.I. [Establishing the Soviet party press, Octo-ber 1917-1918] Stanovlenie partino-sovetskoi pressy, oktiabi 1917-1916 gg. [Saratov] Izd-vo Saratovskogo univ., 1965, 63 p. univ., 196 (NIC)

#### PRESSURE

Additional outer pressure on easing string during temperature changes in well. A L Baimurzaev and others Neft khoz 44 no. 11 21-23 N '66

Calculation of well bottom pressure during one-phase flow of gas condensate mixture. G.R. Gurevich. Lav vys ucheb zav , ncft'igaz 9 no.8-41-43 '86

Experience in plotting maps of reduced isobars and dater-mining reduced weighted average reservoir prossures R. V. Mis'ovich. Neft i gaz prom. no 5,32-35 S-

Pressure of loose materials. O. P. Onorin, N. G. Makhanek Izv. v/s, ucheb, zav , gor, zhui, 8 no. 9,99-103

Froblem of decreasing pressure fluctuation area in gas dish flution systems G. M. Gurvich | Izv vys.ucheb. znv.; neft i gaz 9 no 6;73-76 '66

## PRESSURE GAUGES

Technological bases for automatic determination of per missible acduction during one pass in plate colling on two-high reversing stands, V, M Calantan, D N, Kalanskii, Shot, tud, ISNIICIIM no 41,167-176 '66.

#### PRESSURE REGULATORS

Determination of the optimum parameters of a gas pressure regulator for gas pipolines, O.M. Levin Prati Inst vyk gazu v kom, hosp ta prom AN UISR 7 118-

Pilot regulators. V.S.Uzhanskii, Khol, tekh. 19 no. 12-44-18 D 166

Pressure regulator in a hydraulic brake drive V.D. Bala-kin, M.A. Petrov. Avt. prom. 32 no. 12 27-29 D '68

#### PRESTRESSED CONCRETE

Analyzing effectiveness of new bridge designs. V.G. Andreev. Transp.strol 16 no 2.41-44 F '66.

Simple apparatus for hardening reinforcement steel Na stroi Ros, 4 no. 3:3 of cover Mr '63,

Triaxially prestressed concrete elements and their field of utilization in constitution, V. V. Mikhailov, G. A. Gambarov Izv. ASIA no. 3:87-95 [6]

### PRESTRESSED CONCRETE-FATIGUE

Mechanized stand for preparing prestressed reinforced concrete pile planks and piles. F.S. Kniazev. Transp. stroi, 16 no,4 28-30 Ap 408,

### PRESTRESSED CONCRETE CONSTRUCTION

Manufacture and testing of prestressed reinforced con-crete trusses. V.Rokach and others. Prom. strol. 1 inzb. soor. 8 no. 6:15-17 N-D 166.

#### PRESTRESSED CONCRETE CONSTRUCTION-COLD WEATHER CONDITIONS

during winter. A. Surgeev. Na stroi. Ros. 4 no. 3:16-17 Mr *63. Production of prestressed elements on construction yards

## PRESTRESSED CONCRETE PRODUCTS

Methods of assembling cylindrical shells. R. Grebennik, Na stroi, Ros. 5 no 3 18-19 Mr 164.

PRICE REGULATIONS see subdivision under White Russia

### PRICES

(see also subdivision under Communist Countries) Price and its role in the system of the aconomic methods of management, Sh. Turetskii, Fin. SSSR 40 no. 12; 28-40 D 166,

### PRICES-MATHEMATICAL MODELS

On the system of prices stimulating the carrying out of the national economic plan. V. Dadatan. Vop. ekon. no. 1;70-20 Ja '67.

PRIMARY EDUCATION see Education, Primary

PRIMITIVE RELIGION see Religion, Primitive

### PRINSEPIA

Anatomicomorphological study of seedlings and root Barykina, L.I. Lotova, Vest, Mosk, un. Ser. 6; Biol., pochv. 21 no. 5;80-67 S-O '66.

#### PRINTING

Contributions to printing made by the All-Union Research Institute of the Printing Industry B G Pokrevskii Poligi proizy, no 143-45 Ja 463

Development of the techniques of book production and book design V. V. Popov Kniga; issl. i mat. 4 163-195 161,

Printing of books in Russia during the second quarter of the 18th century (February 1725-October 1740) Bykova Kniga, 1841 1 mit 1,229-259 161,

Scientific work of the Moscow Printing Institute. If IU Klimov Peligi, proizv no 1,15-16 Ja 163,

#### PRINTING-ABSTRACTS

[Printing technology, information abstracts] Tekh. poligr. no. 2 '65.

#### PRINTING INDUSTRY

posigning offices are needed. I Pekun. Poligi, prolzy, no 120-21 Ja 163

Most important trends in the research work of the All-Union Research Institute of the Printing Industry during 1963 V 5 Lapatukhin Poligi proizy ne. 140-13 Ja 163,

Pay more attention to standards research stations A Galaktionov Polige protzy, no. 1:9-10 Ja 161. Planning in the printing industry should meet the standands demanded by communist construction. B L brin-teman Poligr, proize, no. 13-5 Ja 463

Put the work of the factory laboratories in the service of technical progress A. G. Findin Poligr, profess, no 1:16-18 In 164.

The resources of printing plants at the service of the Soviet press Poligr proizy, no 14-2 Ja 163,

Strengthen the tie with science. A V. Sidorova Poligr protzy no. PH Ja 163,

#### PRINTING INDUSTRY-FINANCE

(see also subdivision under Ukraine)

For further improvement in the profitableness of printing enterprises, V.V. Gulla-lAnovskii, Poligi. prof48 no. 1:8-9 Ja 163,

#### PRINTING MACHINERY AND SUPPLIES

Device for picking up shavings. I. A. TSiomenko. Poliga-proize no. 1:25 do 163

Method of storing gemifinished products. V. Haldin, Polig: proizv no. 1 2 3 - 24 Ja 103, "N-9" composing machine. Sh M Koganzos. Poligr,

profes no 121-22 Ja 163 New developments in the metallurgy of printing alloys.

N. A. Filin and others. Poligr, proizy, no. 1:22-23 Ja 163.

Potentialities of the "PGA" machine. M M Heloruscia Poligi proizv no, 1.25-26 Ja 163,

This improves operation conditions. P. A Arbuzov, V.D. Vetoshkin, Poligi, proizv. no. 1:24-25 Jn *63 Vertical weathering equipment. N. Gubin. Poligr, proize. no, 1:23 Jn 164.

## PRINTING PLANTS

Coordinate the work of factory laboratories. D. P. Fudetl'em. Polige, protzy, no. 1:26 Ja [63, Plans for factory laboratories. F. I. Gut Polige, protzy, no. 1:10 Ja [63,

PRIVATE LIBRARIES see Libraries, Private

## PROBABILITIES

Asymptotic behavior of the probabilities of first and second kind errors in testing the hypotheses on the spectrum of a Caussian stationary process. D. 5. Apokorin. Doki, AN SSSR 167 no. 2:263-266 M: 145.

Dispersion of the frequencies of appearance of tandom binary combinations in treatment with shift. A, M Morozov, D M Sudakov. Trudy Vych, tsentra AN Graz. SSL 7.2 10-40 '66.

Methods of probability reservation of the elements of production system, G.Sh. Kaplan, Lkon, 1 mat, to bet, 3 no.1 70-76 Ja-F 67.

Optimal one-time correction in a model mobilem. Rissin. Teor.veroiat.i ee prim. Il no.4:709-414 66.

Probability of the recurrence of a sequence of random signals, M. L. Verzhbinskii Zap. LGI 43 no 3.59-70

Sranka, R. [Probability and information] Varbutiba un informacija. Riga, Zinatne, 1986. 45 p. [In Latvian]

Study of neuron pulsations using methods of the theory of probabilities and mathematical atatistics. M.O. Kulyk ... Fiziol. zhur. [Ukr. | 12 no. 6.029-834 N-D '66.

## PROBATION

Our courts and the public should control the probationers more strictly. K.Bel'skii. G.Liapunov. Sov.iust. 31 no.3:23 F '67.

## PROBLEM CHILDREN

Sociopsychological study of the groups of "lough" teensagers. L.G. Sagatovskala, Vop. pred. prest. no. 4

They are not "difficult" after all, E. Turgan. Semila i shkola 21 no. 7:30-31 Jt '66. Fourism, tocal love and the education of "problem children," T. Sadykov. Nar. obr. no. 2:31 F '67.

#### PROBLEM OF THREE BODIES

Akhimackindzhaet, B., and V.B Bellaev. [Convergence of two-particle disintegration in the problem of three bodies] O skiedimosti 2-chastichnykh razlozhenii v zadache trekh tel Dubna, 1967 7 p

#### PROBLEM SOLVING

Lurita, A.R., and L.S. Tsvetkova. [Neuropsychological autivels of problem solving, disorders of the process of problem solving in local lesions of the brain] Neiropsikhologicheskii analiz reshenila zadach, narustenle protessa reshenila zadach pri lokal'nykh porazhenitakh mozga. Moskva, Prosveshchente, 1966 280 p.

#### PRODUCE TRADE

(see also subdivision under Donetsk Province, bunzhenukly District)

The contractural agreement is a yardstick of mutual relations. Zakup sellkhoz prod, no 8:15-17 Ag [66,

I and improvement and state deliveries. I, Borodavchenko, Zikup, sellkhoz, prod. 10.814-5 Ag. 166.
Ict us take first place in the competition. Zakup sellkhoz, prod. no. II, 1-5 N. 166.

Marketability of agricultural production and state deliveries, N. S. Buzulakov Zakup sel'khoz, prod no. 8 10-11

New rules governing the state procurement of agricultural products. A. Kabalkin, Sois zakon. 38 no 7 31-34. JT 164.

Procurement news, Zakup, selikhoz, prod. no. II-14-45 N '06

Procurement news, Zakup. sel'khoz, prod. no. 12:44-45 D tob.

The Soviet public should control the quality. A. Gadzhiev, Agitator 34 no. 2 43-15 Ja 167.

Stile delivery news, Zakup, sclikhoz, prod. no. 8151-55 Ag 106.

## PRODUCE TRADE-FINANCE

Peshekhonov, V.A. [Role of commodity and monetary relations in the planned guidance of collective-farm production] Roll towarno-denezhnykh otnoshenii v planovom zukovodstve Folkhoznym protzvodstvom, [kontugrad] Izd-vo Leningr, univ., 1967. 201 p.

PRODUCE TRADE—MANAGEMENT (See also subdivision under Cherkassy Province; Groznyy)

On the problem of planning for state deliveries. A.Plato-no. V. Narkhov. Zakup, 901khuz, prod. no. 12:5-8 nor, N D '66,

#### PRODUCCION LAGNEERING

(see also substylaton under White Bussia)

per a sing the efficiency of multiflow automatic lines composed of machine tool units. L. I. Vulchkevich, Vu. 4. machinest, 47 no 1.78-61 Ja '67. Cugantzing the specialization in the development of design and technology. G. F. IAkuba. Tekh, i. o. p. protzy no 6.9-11. N=D. 166. Examination and unitication as a basis tor high-speed

Amological preparation of production, 11, Kogan, A. M. Mecrovskii, Standal Each, 30, no. 9,3-7,5,766

Structur dization, terms, expenses in adapting new articles, VV 19 oakurtakov, Stand, t kuch, 30 un 8 67-70 S

Using classification systems of machine parts and in frame ato in technological preparation of production 1 N. Leoners, Stand. i Rach, 30 no. 11 44-46 N 566

## PRODUCTION ENGINEERING-SCHEDULING

No twork diagrams for planning and checking the technical proper attorn of production, O. F. Manunhina, T. A. Tynatova, Stan, i Inste. 38 no. 136-39 Ja 467

Using network planning and management system in pre-rating the production of a new part and adapting it, A. N. Folstikov. Vest, mashinostr. 47 no.1 74-78 Ju. 167.

PRODUCTION STANDARDS-CONGRESSES see subdivision under Chimkent

### PRODUCTION STANDARDS-ECONOMIC ASPECTS

KOleikin, V.I. [Improving the establishment of work norms in industry; economic problems] Sovershenstvovante normitrovanila truda v promyshlomostl; ekonomicheskie preklemy. [Leningrad] izd-vo Leningr. univ., 1060, 142 p.

### PROFIT

Calculating norms for economic incentives. N. Khrulev, Plan khoz. no. 2:84-60 P '67.

The law of monopoly high profit. M. Sorokopad. Nauch. dokl. vys. shkoly; ekon. nauki 4 no. 1:71-83 [6].

Lugus, Olev. [What is profitable production?] Mis on toothnise rentambus? Tallinn, Easti Raamat, 1960.
41 p. (Sotsialistliku majandamise kool) [In Estonian]

New legal rules governing the distribution of the profits of industrial enterprises. I. Petrov. Sev. lust. 30 no. 24:2-3 1) '66.

## PIXIGRAMMED INSTRUCTION

Russin (R.S. F.S.R.) Uchebno-metodicheskii kabinet po si edhemu spelsial nomu obrazovaniu. [Programmed instruction] Programmirovannoe obuchenie, Moskya, Vyashala shkola, 1965. 37 p.

[MICROFILM]

l'eaching machines, teachers, and students 1.1 Berg Sem'ia i shkola 22 no.1 29-30 Ja '67

Using the selective method of checking in programmed instruction. A.S. Lynda. Vech. sred. shkola 9 no. 3. 80-85 My-Jc '66

## PROGRAMMED INSTRUCTION—CONGRESSES

Seminar "Programmiro anno obuchenie i obuchaiushchte mashiny " [Reports of the Seminar "Programmed Instruction and Teaching Machines"] Seminar "Programmirovannoe obuchenie i obuchaiushchte mashiny", [doklady] Kley, Naukova dumka No.4. 1905, 114 p.

## PROGRAMMING (ELECTRONIC COMPUTERS)

Alphabet of accognition objects. V. N. Elkina, N. G. Zagoruiko Vych sist no 22:59-77 '66

Classification of problems concerning the recognition of images N. G.Zagorulko. Vych sist no 22-3-19 '66

Combination method of decision-making N. G. Zagorsiko Vych sist no  $22_1/7-80$   $^{1}68$ 

Concerning one method for programming second-order curves, M B Ignatiev, Shor, rab po vop, elektromekh no. 4 248-251 '60,

Krull, Mati. [Electronic computers and programming]
Elektronarvutid ja programmicerimine. Tallinn, Valgus,
1966. 61 p. (Kosmosesajandil) [In Estonian]

Obtaining enough P₁(v) characteristics in image recognition B. M Kurilov Vych sist no.22:21-39 % Representability of sampling in selecting an effective system of characteristics. G S. Lbov Vych sist.

no 22.39-58 66.

## PROGRAMMING (MATHEMATICS)

Abademila nauk SSSR, Sibirskoe otdelenie, Institut mate-matiki. [Mathematical programming] Matematiches/oe programmirovanie, Moskva, Nauka, 1966. 133 p.

Conditions of incompatibility of a system of nonlinear inequalities, determination of its incompatibility and iterative solution of problems in convex programming. L. A. Zhivotovskii Vych met. i prog. 5:124-133 '66

A method of absolute optimization in convex programming problems, Vl.D Mazurov Zhur.vych mat, i mat, fig. 7 no 1 204-208 Ja-F 167

7 no 1 201-203 Ja-F '07.

Norkin, S.B., ed. [Elements of computing mathematics]

Elementy vychicitted not matematikt. Izd. 3. [By]

S.B. Norkin i dr. Moskva, Vysshata shkola, 1966, 205 p.

On the number of computations for finding the minimum of convex function. A. I. Kurcuskin, V. M. Tikkhomirov.

Ekon. i mat. metod. 3 no. kys5-103 Ja-F '67.

Stability of the solution to a functional equation of dynamic programming. R 1. Zalosskii Zhul, vych, mat, i mat. fiz. 7 no. 1:199-204 Ja-F 167.

## PROGRAMMING LANGUAGES (ELECTRONIC COMPUTERS)

Levels and styles of the "Address language" and the problem of the automation of programming K. L. IUshchenko Dup AN URSR no. 7 871-874 162

Separation and translation of simplest cycles. L.V. Survoya Vych. met. i prog. 5:325-330 '66.

## PROHIBITED BOOKS

(see also subdivision under Estonia)

The first Russian clandestine book printing IA I Khotiakov Kniga, isal i mat 4 330-334 161

### PROKOPCHUK, ANDREI IAKOV LEVICH, 1090-

Andrei IAkovlevich Prokopchuk, on his 70th birthday and fiftieth anniversary of his scientific, pedagogic, and social activity. S. A. IAromonka, A. T. Shanousid, V. Khomich Vestsi AN BSSR, Ser. bital nav no. 3:133-

## PROPADIENE

Preparation of some new aminoallene complex compounds of cobalt, zine and cadmium chlorides. S. N. Avakian, Izv. vys. ucheb. zav. khim. i khim. tekh. 9 no. 5:841

### PROPAGANDA

Propaganda books should be entertaining S. A. Putiaev Kniga, issi, i mat. 4:145-160 *61.

Studying composition of propane-propylene fraction. V. P. Zorshchikova, A. Z. Dorogochinskii Neftepe i neftekhim, no. 8:44-46 '66

Test parameters in chromatographic analysis of end product in proping column of gas fractionating unit. E. F. Shkatov. Nesteper i nestekhim. no. 10:36-38 166.

Characteristics of the maneuverability of it tple sciew vessels. S.Ol'shamovskii. Rech. transp. 20 no 7:47-48 Jl '61,

### PROPELLERS-HYDRODYNAMICS

Effect of unsteadiness on hydrodynamic characteristics of a propeller intersecting a free water surface. IU. M. Sadovnikov. Sudostroenic 27 no.1;15-17 Ja ¹61.

#### PROPENE

Alkylation of o-dihalobenzenes with propylene in the presence of sulfuric acid. IU. G. Mamedaliev, R.S. Alimai danov. Dokt. AN Azerb, SSR. 18 no. 3.21-23.62 [so therms and heats of alsor prion of propylene on silica. gcl. [with summarty in English]. A.G. Bezus, V.P. Dreving, A.L. Alinchko-Gurvich. Kell. zhur... 23 no. 3.241-247. Mi-Je. [b].

Molchanov, IU.M. [Physical and mechanical properties of polyethylene, polypropylene and polylsobutylene, a handbook] Fizicheskie i mekhanicheskie svolstva polietilena, polipropilena i politzobutilena, spravochnik. Riga, Zinatne, 1966. 438 p.

#### PROPIONIC ACID

Preparation of esters of fluorene-9,9-dipropionic acid A.E Obhramovich, A.E.Kretov Zhur prikl khim no 61381-1386 Je '61

#### PROPORTIONING EQUIPMENT

Measuring device for mash N. B. Morozov. Khleb. 1 Fond prom. 11 no. 139-40 Ja 167.

Modernization of the batch-weighing equipment of cyclic concrete plants O V. Monastyrskii Strol i dor, mash, 5 no 12 (9-23 D 16),

Something new in automation of concrete mixing shops 1 B Minin, V A Fateev Stroil; arkhit, Len., 28 no 12 22-23 D 486.

#### PROPYLAMINE

Preparation of y-methoxypi opylamine and y-diethylaminopi opylamine, I L. Boguslavskala, L Kh. Vinograd, IA B Shteinberg Zhui pi iki, khim 34 no 6 1392-1303 Je 461

Conception of "propylite" in process of propylitization M. M. Vastlevskii Zap Vses min ob-va 98 no 8,637-

Some features of propargyl alcohol as inhibitor of steel corrosion in hydrochloric acid solutions V. A. Khitro V. P. Zadorozhnyi. Izv. vys. ucheb. zav. khizn. i linin, tekh. 0 no 5 744-748 '66.

#### PROSOBR ANCHIATA

Generic classification of family Acmaeidae (Gastropoda, Prosobranchia) based on the radula L. I. Mosfalev, Zool.zhu: 45 no 12:1767-1772 166.

#### PROSPECTING

(see also subdivision under Caucasus; Chechen-Ingush A.S.S.R ; Daghestan, Krasnoyarsk Territory)

Basic principles of carrying out economic reforms in geologic prospecting field, as a topic for discussion. P. T. Kozlov. F. F. Dunaev. M. B. Dobrovol'skii. Neft. khoz. 45 no.1.7-12 Ja '67.

Geological and mining factors influencing the choice of mineral prospecting methods N V. Ivanov Zap LGI 43 no 2 78-87 '62

Mathematical bases of methodology of prospecting for infine al deposity A B Kazhdan, Izv. vys. ucheb zav., gcol, 1 razv. 10 no 13-11 Ja '57

Prospecting trends and methodology in Dzhriygara District, V R Artemov, Razved, i okh nedr 26 no. 3 10-16 Mr 160,

Ryzhov, P.A., and V.M. Gudkov. (Using mathematical statistics in prospecting for mineral resources) Primonente matematicheskol statistiki pri razvedke nedr.

Moskva, Nedra, 1966, 234 p.
Using lime-bitumen mud for drilling in prospect horizon.
B. D. Panov, V. A. Sei penskil. Neft.khoz. 44 no.10-65-69 O '66.

## PROSPECTING-ECONOMIC ASPECTS

Improvement of planning system for geological prospect-ing. V. K. Eremin and others. Izv. vys. ucheb. zav., geol. i razv. 10 no.1144-152 Ja '67.

## PROSPECTING-EQUIPMENT AND SUPPLIES

Decisions of the July Plenum of the Central Committee of the CPSU will provide for further rapid growth in all branches of the national economy. Razved, i obh. nedr 26 no. 8:1-4 Ag '60.

## PROSPECTING-GEOPHYSICAL METHODS

Applying Mellor-Fack integral transform in solving problems of magnetic and gravity geophysical prospecting methods. V N. Strakhov. Izv AN SSSR Fiz. zem. no. 11 55-67 166.

Evaluating informativeness of geophysical parameters in detecting oil-bearing layers with help of self-teaching programs. Sh. A. Guberman, M. L. Izvekova, V. Turck, Izv AN SSSR, Fiz zem. no 12 37-44 *66,

Increasing the efficiency of geophysical prospecting for micaccous pegmatitic veins. S.IA, Liogen'kii, Razved, i okh, nedr 26 no. 5;33-37 Ag '60,

Practice of using combined profiling for the manifesta-tion of a deep karst in an Estonian oil shale deposit. O.M. Kabanov. Razved, i okh, nedr 26 no. 3:55-57 Mr '60

PROSPECTING-GEOPHYSICAL METHODS (Continued)

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Study of metasomatic alterations of tooks according to data of determination of their magnetic susceptibility M. I. Tolstor, I. M. Ostaftichuk, V. G. Molinvko. Geofiz shor, no. 17 35-44 166.

<u>Tishchienko</u>, V.E. [Working capital of geological prospecting enterprises and ways to accelerate its turnover] Oborotnye siedstva geologopoiskovykh predpritati i putiusforenita ikh oborachivaemosti. Ufa, Bashkli skoe knizhnoe izd-vo, 1961 89 p

Using geophysical methods in prospecting for ore deposits A.S. Shirokov, V. I. Fediuk Razved, i. okh. nedr. 26 no 3.28-38 Mr. 160

#### PROSTRESIS

(see also subdivision under Uzbekistan)

Indications for prosthesis of the mitral valve in rheumatic defects in adolescents. G. M. Solov'ev and others. G. ud. khir. 9 no 1:3-7 Ja-F '67.

Incompatibility of adrenaine and protargol in solutions.
V IA Horodynsika, K 1, Rubchynsika, Farmatsev. zhu:
18 no. 3,55-56 '63

PROTECTION OF PLANTS see Plants, Protection of

PROTECTIVE CLOTHING see Clothing, Protective

#### PROTECTIVE COATINGS

(sec also subdivision under Bashkiria)

Achieving heat insulated roofs through use of spray coatings, N.A Sminov, A.F. Eremina Stroi i arkhit Len 28 no. 12:12-14 D '6b.

Change of some physical and mechanical proporties of thin-layer polymer coatings in the process of thormal oxidative aging V. A. Bolyi, L. S. Korctskaia, D. A. Rodchenko Lakokras mat, i likh prim no 6 21-22

Chemical nickel coating of zinc alloys. T.V. Stepanova. L. I Ganago Zashch. met. 3 no.1104-105 Ja-F 167

Choice of anticorrosive coatings for the molding column of aluminosilicate catalysts, K. R. Organezov ras, mat, i ikh prim. no 6:63-64 166.

Coating aluminum baking molds with the K-50 varnish, I. D. Tret lak Khleb i kond prom. 10 no 12;35-36 D '66

Corrosion of steel pipelines in Solinchak soils and their pactection by polymeric materials. V.F.Negreev, G.A. Allokhverdiev. Sh. G. Mckhileva. Trudy Inst. khim. AN Azerb. SSR 20:84-108 '64.

Effect of the conditions of solidification on the protective Extect of the conditions of solutilization on the protective properties of coatings based on the GEN-150/V and VDII-3 elstomers. M. K. Kovaleva, Z. S. Utianskii. Lakokras, mat, i ikh prim no. 6 25-29 166 Electrochemical testing of film-forming hydrocarbon-soluble corroston inhibitors. V. F. Negreev and others. Trudy Inst, khim. AN Azerb, SSR 20:79-93 164.

Evaluation of the hardness of optical coatings. V.N. Rozhdestvenskti, Opt., mekh, prom. 33 no. 12.51-56 D '66.

Gadzhieva, R. G., and IU. F. Sinlisyna, [Protection against corrosion of a wet steel surface] Zashchita ot korrozit mokrot stal'not poverkhnosti. Baku, Azernoshr, 1965 131 p.

Improved types of coatings of the suction boxes. K. N. Mazminov. M. B. Basist. M. Kh. Nagimulin. Burn. prom no.1;20-21 Ja 167.

Improvement of polyvinyl chloride coatings in the production of textovinit. M.S. Petukhov and others. Kozh.ubuv.prom. 8 no.12;21-23 D '66.

Investigating strength of pipes with protective coatings when undergoing deformation, G. A. Chasov Neft, khoz. 44 no. ll 37-41 N '66,

Masticas a safe protection of panel joints. A. Tagantsev, G Akhenshtein. Na stroi, Ros. 4 no, 9:25 S 63.

Pipe with anticorresive protection. N.M.Kolpovekii. and others. Koke i khim. no.5.48-49 162.

Production of sheet and strip covered with plastic. A. A. Koroley, Stall 21 no. 11:1016-1019 N '61,

Korolev. Stall 21 no. Hilly-1019 N 'bl.

Protective coatings with synthetic resin bases, V. S.
Artemonov. Transp. stroi. 16 no. 3,45-40 Mr '168.

Rasskazov, V. A., A. A. Gonik, and S. F. Liushin. [Prevention of paraffin depositions in petroleum production by use of pain and varnish coatings] Predotvrashchenie otlozhenita parafina pri dobyche nefti s pomoshch'iu lakokrasochnykh pokrytii. Ufa, Bashkirskoe knizhnoe izd-vo, 1962. 81 p.

Sharapov, V. [Extrusive method of applying polymer materials on shaped metal products] Exstructionary metod nanesentia polimeraykh materialov na metallicheskie profil'nye izdeltia. Riga, Latvišskii respubl. in-t nauchno-tekhn. Informatsii i propagandy, 1986. 6 p. (Listok tekhnicheskoi informatsii; Khimila)

Study of paint coatings resistant to an acctic acid medium G A Orlovskata, V.G. Asatrian, A.M Balaian Lakokras mat i ibb prim no 6 23-25 '66

S'udy of the activity of a corresion cell with films of hydrocarbon-soluble inhibitors, V. F. Negrecy, I. A. Mamedov, I. F. Mamedova Trudy Inst. khim. ANAzerb, SSR 20127-137 '61.

Studying the durability of a series of systems of paint coatings in the process of aging E.A. Kanevskaia, I.V. Elisavetskaia Lakokras mat i ikh prim no 6 37-10 66.

Using polymer materials for the conservation of products of the machiner, industry T. N. Malina, Tekh. corg proizs, no. 6 78-81 N-D '46.

We discuss and suggest, R. Akhmerov, Neftianik II no 8 24-25 Ag 166,

Wear resistant conting of the working surface of core boxes N,S Tarasova Tekh i org proize no. 6:61-64 N-D '66

Weiting of molybdenum with various silicate melts S S Kaialove. Zhui prikl khim, 31 no. 6-1367-1359 Je

## PROTECTIVE COATINGS—CONGRESSES

Seminar po ziai oslojkim pokrytilam, Leningrad, 1965. [High-temperature coatings; transactions] Vysoko-temperaturnye pokrytila, trudy. Moskva, Nauka, 1967.

#### PROTECTIVE COATINGS-PERMEABILITY

Determining the permeability of paint films to vapor and water L. V Nitsberg, S M. Folger, L. A. Bobina Lakoki as mat, i ikh prim no 6 41-43 166

## PROTECTIVE COATINGS—THERMAL PROPERTIES

Heat resistance of anti-scizing coatings and protective layers subjected to friction in various gas media. R, M Matveevskii. O. V. Lazovskaia Mashinovedenie no. 1. 108-115 Ja-F 167.

Studying the thermophysical characteristics of paint coatings. L.N. Novichensk, F M Smekhov, L.V. Nitsberg. Lekokras mat, i ikh prim no 6 30-32 166.

#### PROTEIN METABOLISM

Morphological variability in plants as related to nucleic acids and protein synthesis. M.IA. Shkol'nik. Bot. zhur. 51 no.12;1755-1773 D '66

Relationship between the appearance of C-1 eactive protein and antibody formation, S, A, Usmanova, M, G, V'iaskova-Poliakova Zhun, miktobiol, epid i limmun, 14 no., 1,35-110 Ja '67,

Studying protein metabolism in ducklings raised for meat. IU. M. Nagonov. Vest. sel'khoz, nauki 11 no. 11:117-119

### PROTEINASES

Neutral proteinase activity in brain. C. E. Klein, E. G. Kurtskhalila, N. V. Cvallia, Soob, AN Gruz, SSR 44 no.2;331-336 N '66.

### PROTEINS

[Biochemistry of leguminous plants; protein substances of seeds and taxonomy of Leguminosae] Biokhimita bobovyka rastenti, bolkovye voshehestva semina i sistematika bobovyka. Moskva, Nauka, 1967. 84 p.

Effect of diets with different qualitative composition of animal proteins on exosecution and incuction of pan creas in subscute radiation sickness. A K. Czhov pit. 25 no. 6 33-38 N-D 466

Effect of potassium matrition conditions on the phosphorus metabolism and protein synthesis of plants M. N. Blaz Rudny. Vestsi AN BSSR, Ser. sellhasp. nav. no. 4: 24-29 '66.

Effect of proteins on ribonuclease activity in cleate coaceivate. K. B. Serebrovskata, N. V. Vastiteva. Doki. AN SSSB 167 no. 2:457-460 Mr 166.

Effect of ripening degree and solvents on proteins of chick-pea. V.G. Klimenko, G.B. Loonov. Dokl AN SSSR 172 no.1;218-221 Ja 187.

Effectiveness of the enrichment of protein and vitamin additives with methionine, vitamin group B, and trace elements. I I, IArov. Khim, v sell khoz. 5 no. 1; 48-52 Ja *67

Primary structure of nuclear polyhydrosis virus protein of silkworm. Part 3: C-terminal sequence of amino acids in polyhedral protein. E. A. Kozlov and others. Ukr. khim. zhur. 32 no. 11:1206-1210 186.

Rapid ultrasensitive method of identification of N-ter-minal amino acids in proteins and peptides by means of thin-layer chromatography. B. C. Belen^tkii. E. S. Gankina, V. V. Nesterov. Doki. AN SSSR 172 no.1;91-93 Ja '67.

Relation between fat and protein content of cow milk, L. P. Pinnovskaia. Vest. sel'khoz. nauki 11 no. 11:60-88

Separation of proteins from unicellular algae. N. S. Kliushkina, V. I. Fofanov. Vop. pit. 25 no. 6·3-9 N.-D

Some data on the exchange of vitamin B₁₂ in young hens as related to the type of protoin nutrition with vitamin B₁₂ additions. IAn Chzhun'inan' [Yang Chung yuan]. Dokl. TSKIIA no. 45;87-92 '59.

Thermal effects and reliability of processes in pretein and nucleic acid synthesis. A 1 Bykhovskii, Doki. AN SSSR 171 no 4 992-995 D '66.

Nee of mycelial lungi in the production of feed protein from sulfite liquous containing oligosaccharides. T. M. Semushina, N. I. Monakhova, Shor, trud. NHGS 14:93 105 '66,

#### PROTEINS IN THE BODY

Changes in electrophoretic mobility of hain proteins related to ammonia for matten. E. E. Klein, N. V. Gvalia, E. G. Kurtskhalifa Dekl AN SSSR 171 no. 6; 1450-1453 D '66.

Changes in proteins of blood serum and liver of rate following excessive injection of vitamin A. I. V. Krl 2-kova. Vop. pit 25 no. 6 57-60 N-D 166

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#### PROTEUS (BACTERIA GENUS)-CULTURES AND CUL-TURE MEDIA

Metabolism of pyruvic acid in Proteus vulgaris OX₁₉ and its sensitivity to some antibiotics. B, V, IAkovlav Mikrobiologiis 35 no.6:907-993 N-D 166

#### PROTONS

Comparative characteristics of radical states emerging in crystalline to ypsin following proton irradiation with the energy of 660 mey and gamma quants. L.S. Gaporova. S. F. Ginzburg, N. S. Postnikova Biofizika li no 5:

Polar ographic study of kinetics of fast protolytic reactions in water diowane solutions. V. O. Gui'ttai, S. G. Mairanovskii, Elektrokhimiia 2 no. 12:1414-1419 D '66.

Role of thermal peaks in radiation-induced decomposition of saits by heavy charged particles A. N. Chilventsev and others. Kin. i kat 7 no. 6;1015-1010 N-D 66.

#### PROTONS-MEASUREMENT

Measurements of 1 - 5 Mev. protons of solar origin by the Venera-2, Venera-3, and Zond-3 stations, S, N Vernov and others, Doki, AN SSSR 171 no 4 817-850

#### PROTONS-SCATTERING

Inelastic scattering of neutrons and protons on nucles, O.H. Sytenko, V. F. Khar chenko. Ukr. fiz, zhur, 1 no. 5;569-576 S-O '59.

Scintillation transducer with 2.1% resolution for 6.6 Mes. protons. T. N. Mikhnleva. D. L. Chapranov Vest. Mosk.un.Ser. 3. Fiz .astron. 21 no.6 83-68 N-D 166.

#### PROTOPLASM

Microtubules, a new component of cytoplasm 1 Aikh anat, gist i embt 51 no. 10.3-21 O 156 I.B. Tokin.

### PROTOZOA

Electron microscopic study of Lamblia muris in councetion with the characteristics of the ecology of this parasite. M. M. Solov'ev. IU. S. Chentsov. Med.paras. i parasibol. 35 no.8:667-672 N-D '60.

Serological comparison of Leptomona strains isolated from mosquitoes with Leishmania tropica and Leike-monas of reptiles. V. M. Sufianova. Med. parez. i

paraz hol. 35 no.6;686-095 N-D '66.
Variability of the virulent properties of Entamocha histolytica. M. F. Mizgireva. Med. paraz. 1 pa: az.bol. 35 no 6;673-676 N-D '66.

# PROTOZOA-GENETIC RESEARCH

Genetics of protozoans and its relation to general genetics, T. M. Sonneborn, Genetika no. 11-31-41 '60,

PROUST, MARCEL, 1871-1922

Tolmachev, M. V. [Marcol Proust, The crists of the modern French novel of the 1920's, Author's abstract of the dissertation for the degree of Candidate in Philosophical Sciences] Marsel Prust, K voprosa o krizise frantsuzskogo modernistskogo romann 1920-kh gg. Avtoreferat dissertatist na solekanle uchenol stepeni kandidata filosofskikh nauk. Nauch, approachted J. R. Davishov, Maska Mack, and rukovoditel -B. I. Purishev. Moskva, Mosk. gos. podagog. in-t, 1965. 19 p.

[MICROFILM]

## PRUNE JUICE

Western Georgia plum varieties for the production of pulp julcos. K. P. Kizirita. Kons. I ov, prom. 17 no. 3:25-28 Mi 162.

## PRUT VALLEY-GEOLOGY, STRATIGRAPHIC

Age of clays covering platform Silurian in region of Saratskaya and Kaushanskaya keyhole in Dajester-Prut Interfluve. M. M. Dantch. L. F. Romanov. 12v. AN Mold. SSR no. 8483-65 '05.

## PRUT VALLEY-GEOMORPHOLOGY

Geomorphology of the Prut Veiley. P.F. Hozhik. Dop. AN URSR no 7.942-944 162.

## PRUT VALLEY-OSTRACODA, FOSSIL

Fauna of Osti acoda of Upper Quarternary sediments in middle Prut Valley. K. N. Negadnev-Nikonov. Izv. AN Mold. SSR no. 8:12-19 165.

## PRUZHANY (WHITE RUSSIA)-FROIT JUKES

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## PSEUDOT UBERCULOSIS-MICROBIOLOGY

Some data on the virulence of the pseudotuberculosis microbo. G. V. (Ushchenko Zhur, mikrobiol , epid, i mmun. 11 no.1140-144 Ja '67

#### PSKEM VALLEY-GEOMORPHOLOGY

Contribution to the history of the geomorphological study of the Pakem Valley. R Kh. Kh. Shapenov. Izv. Uzb.

#### PAKOV, LAKE—FISHERIES

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#### PSKOV PROVINCE-BUILDING INSPECTION

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## PSYCHIATRIC HOSPITALS

Two-stage service in the psychiatric hospital, M.Kh, Gompoliukii Zhm nevr. I psikh 62 no. ii:1748-1750.

Variability of mental diseases causing changes in hos-pital construction V.P. Kushelev. Zhur, nevr. i psikh, 62 no. ii-1723-1730 462.

#### PSYCHIATRY

(ace also subdivision under Novosibirsk Province) Methods of study of the higher nervous activity and their importance in a psychiatric clinic. I, F, Stochevskit [1 and] GIDUV no. 4 3-5 182.

#### PSYCHOLOGY

IAroshevskii, M.G. [History of psychology] Istoriin psikhologii. Moskva, Mysl', 1966. 565 p. Some psychological characteristics of the development of convictions. A. K. Perov. Uch. zsp. Sver. gos. ped. inst. no. 35,38-52 '66.

## PSYCHOLOGY, PATHOLOGICAL

Banahehikov, V.M., V.S.Gus'kov, and I.F.Miagkov. [Medic*! psychology] Meditsinska ia psikhologiia. Mo-skva Architsina, 1967. 238 p. (DNLM)

## PSYCHOLOGY, PHYSIOLOGICAL

Philosophical problems in the physiology of the higher nervous activity and in psychology O, A, Krylov, V Chumak. Zhur vys. nerv dotat 12 no. 6:1080-1006 N-D 162.

PSYCHOLOGY, BELICKUS
Freud's theory in the service of religion. A. M. Bolko,
Pyt. stelv. no. 1:116-117 '65.

PSYCHOLOGY OF LEARNING see Learning, Psychology of

### PSYCHOSES

Changes in the electric activity of the brain during attacks of a late traumatic psychosis and its approaching remission. F. N. Markova. [Trudy] CIDUV no. 4:145-162 162.

Clinical aspects and treatment of tularemic psychopes, F. I. Grudev, Trudy Gos. much, -isel, inst. psikh. 26 267-275 161,

Comparative analysis of defective states in schizophrenia and paychoses of rheumatic ctiology. M. J. Poleva,

Differentiation between schizophrenia and late traumatic psychoses with schizophreniform symptoms, E. N. Markova. [Frud.] GIDUV no. 4:113-131-102.

Interi clations between the hypochondriae and depersonalization syndromes in psychoses developing after en-cophalitie. T. K. Kashkarova. [Frudy] GIDUV no. 4:68-

Methodology of the diagnosis of schizophrenia and infec-tious paychoses. B. IA. Pervomaiskii. [Fridy]GIDUV no. 4-100-101 *82.

Phaumoencephalographic studies of late traumatic psychones. E. N. Markova. [Trudy] GIDUV no. 4:132-144 ·02.

Psychoses connected with  $\Lambda_2$  influenza in 1867. V. F. Kuzmenok, D. F. Lavrov. Trudy Gos. nauch. -issl, inst. psikh. 26:233-236 161.

Role of pathology of the large blood vessels of the head in the pathogonesis of encephalopathy caused by circu-latory disorders, G.A. Maksudov, Zhur, novr. i psikh. 62 no. 11,1620-1625 '62.

Treatment of psychoses with aminazine. E. IA. Shumilova. Trudy Gos, nauch, -issl, inst. psikh. 26:87-90 161, PSYCHOSIS, POLYNEURITIC see Korsakoff's syndrome

PSYCHOSOMATIC MEDICINE see Medicine, Psycho-**Bomatte** 

#### PSYCHOTHERADY

Slobodianik, A. P. [Psychotherapy, suggestion, hypnosis] Psikhoterapila, vnushenie, gipnoz. Izd 2., ispr. i dop. Kiev, Zdorovita, 1966. 402 p. (DNLM)

#### PURERTY

Jackiewicz, Elzbieta. [What every girl desires to know. Translated from Follsh] O chem khochet znat' kazhdala devushka. Moskva, Meditsina, 1986. 30 p. (Nauchno-populiarnata meditsinskala literatura) (DNLM)

#### PUBLIC BUILDINGS

The Institute for Public Buildings A.Z. Daniliak. 12v. ASIA no 3,130-131 181.

#### DUBLIC HEALTH

(see also subdivision under Cuba; Estonia; Kirovabad) Social and economical fundamentals of Soviet public health, S. IA, Chikin, Sov. mcd. 30 no.13-0 Ja 167

PUBLIC HEALTH ADMINISTRATION see subdivision under Moscow

PUBLIC HEALTH RESEARCH see subdivision under

PUBLIC INSTITUTIONS-ACCOUNTING (see also subdivision under Serpukhov, Moscow Province)

Dedkov, E.P. [Accounting in public institutions and its centralization] Bukhgalterskii uchet v bludzheinykh uchrezhdeniakh i ego tsentralizatsiia. Moskva, Finansy, 1986. 243 p.

#### PUBLIC OPINION

The press and public opinion. E. L. Pronin. Vest. Mosk., un. Serall Zhur. 21 no. 6:27-39 N-D 166.

#### PUBLIC PROSECUTORS

(see also subdivision under Czechoslovakia; Moldavia)

wee also substricted under Czechosbyakia; Moldayla Characteristics of the public prosecutors' supervision of the pretrial investigation of criminal offenses committed by minors. A. Korkevalkov, N. Gukovskaia. Sots, zakon. no. 2 30-32 F '87.

The filling of lawsuits is an important part of the public prosecutors' work. Z. Kaipenko, Sots, zakon. no. 2; 45-40 F '87.

Follow-up of articles published in our periodical. Sots

ration and methods of the public prosecutors' supervision of the observance of laws in appellate procedure. A.A. Kostakov, Vest, LGU 21 no. 23,117-127 '65 tow public prosecutors supervise the observance of laws. Sots, zakon. no. 2:85-88 F '87,

How public prosecutors supervise the observance of laws in the judicial examination of criminal cases. 1. Sapazhnikov. Sots. zakon 38 no. 7 54-58 Jl 161

How the public prosecutors of the U. S. S. R. supervise the observance of laws. Sots, zakon 38 no. 7,89-90 Jt 161.

In the Office of the Public Prosecutor of the U.S. S. R. Sots, zakon. 38  $\,$  no. 7.77  $\,$  Ji  $\,^{1}$  GH.

Junoy, V.A. Supervisory functions of public prosecutors in the execution of judicial sentences, a textbook for the "Supervisory functions of public prosecutors in the U.S.S.R.," course for the students of evening and correspondence departments. Prokurorskii nadzor za ispolneniem sudebnogo prigovora; uchebnoe posobie dlia studentov vechernego i zaochnogo otdelenii po kursu "Prokurozakli nadzor v Soo" "I ostaradi Izd-vo Leningr, univ., 1966. 3 studentam vechernikh i zaochny

Raising the qualifications of publi inal investigators. K Pavlishch zakon 38 no 7-46-49 Jl 161.

### PUBLIC PROSECUTORS-EDUCA

Rating is an important means of of public prosecutors and crim B. iAkoylev. Sots. zakon, no.;

Work with the cadres should help sions of the 23d Congress of the Sots, raken, no. 2:81-83 F '67

#### PUBLISHERS AND PUBLISHING (see also subdivision under J: Úzbekistan)

About the deeply hidden publishe skit. Oktiobri 43 no. 12:161-

At the Committee for the Directi attached to the Council of Minis Knizh torg. 18 no 1:40 Ja 46 Central Agency for the Distribu A, Goverov. Knizh, torg. 17 n Facts and figures. Knizh. torg.

Let us climinate shortcomings i ture. Knizh, torg. 17 no. 11:2

The militant program of the Soviet publishing houses V. S Somey, Kniga, assl i mat 4 46-64 '61

Public representation councils, G. IL ichev, Knizh torg 17 no 11 27 N '66 Red pages A, Chernykh V mire ling 6 no. 6.8-9 Je

What type multivolume collected works do readers need? N Layrov Knizh torg 18 no 1:18-19 Ja '67

Writers' contributions to the remarkable date. Knizh. torg 18 no 1:9-11 Ja 167

Calculating and testing sheave with ferropowder ShM-600 clutch for synchronous drive of mud pump.- I. N. Sulkhanish-III. Mash. i neft. ohor. no. 11:3-7 '66,

Hand pullevs with lifting capacity of 1, 5 tons F. M. Klemushin Ryb prom 55,6-7 '60

#### PULMONARY CIRCULATION

Cardiac catheterization with graduated physical load in the evaluation of the state of pulmonary circulation in mutal stonosis. V. G. Stranin, IU. S. Petrosian, S. O. Apsit Grud Phir 9 no. 125-29 Ja-7 167

Rate of pulmonary blood flow before and following mitral commissurotomy V. A. Ovchinníkov. Grud. khir no. 1,30-34 Ja-F '67.

Study of regional ventilation and blood flow in lungs by means of Ye¹³³, K D Kalantarov and others. Med rad II no 12 14-20 D 166

#### PULMONARY EDEMA

Acute edema of the lungs following tonsillectomy A.I Shutov, Zhur.ush ,nos.i gorl bol 19 no. 4 75 Jl-Ag

Mitral commissurotomy and simultaneous cesarean section in acute palmonary selema in the eighth month of pregnancy. V.N. Krasnomovets and others Grud. khir 9 no.1:107-108 Ja-F '67.

Pulmonary edoma in white rats and tabbits following introduction of acontine into the hypothalamus. IA. A. L. Lisis and others. Blul.eksp biol.i med. 63 no l; 22-26 Ja '67.

#### PULMONARY FIREGSIS

Effect of exercise therapy on the saturation of arterial blood with oxygen in pneumosclerosis. V.V.Shigelev-skii. Vop. kur. fizioter i loch fiz kul't 31 no.6:527-532 '66

## PULMONARY FUNCTION TESTS

Disorders of external respiration and acid-base equilihrium before and following intrathonacic operations. E Grants. Grud khir. 9 no.1:49-55 Ja-F 167

PULMONARY HEART DISEASE see Cor pulmonale

Some homodynamic indices in patients with coronary insufficiency. V. A. Maksumov. Kardiologiia 3 no. 1; 20-23 Jan. -F '63.

Soreading rate of pulse waves as a method for the functional evaluation of the cardiovascular system in persons exposed to chronic in radiation, E.A. Denisova Med rad, 7 no. 10 28-32 O 162

### PULSE CIRCUITS

Barsukov, IU.K. [Pulse circuits using semiconductor devices; manual for correspondence students] Impulsanye skhemy na poluprovodnikovykh priborakh, uchebnoc posobio dlia studentov-zaochnikov. Leningrad, Leningr. elektrotekhn, in-t, 1966. 91 p.

Galetskii, F.P., and L.A.Liubovich, [Special features of the operation and calculation of circuits with tunnel

#### PULSE TECHNIQUES (ELECTRONICS) (Continued)

Parametric frequency dividers with modulated pumping. I, I Divietect. O. I. Mcdnitov Vest 'Fiz. astron 21 no 6,57-71 N-D '66 Vest Most un Ser. 3

Reading of information from shift registers with logic 

Signal excitation in a negatively charged antenna pole under the action of a nonfocused lacet beam. G. A. A. Lian and other a. Pist vect. Zlucekspel 1 teoret fiz 1 no 5 177-130 S '66

Use of a discrete method for measuring phase shifts V, V Kovilevskata, B Z Beltalkii. Shor rab po vop elektrotnekh, no 4 270-276 160.

#### PHLVERIZED COAL see Coal, Pulverized

#### PUMPING MACHINERY

Band-head vater -taising engine IA. Levin, A Fabrikos Tokh v selyhoz 21 no 12 22-24 D '61
Determination of the efficiency of the feed pump of a unit with condensate furboditie. E I Botevskii Elek. sta 37 no 12 35-38 D '66

Determining per formance capacity of vibration pumps V S Lukinskii Vest ISNII MPS 25 no 8 48-50 166

Kutyrkin, V. A., V. I. Gorelkin, and V. S. TSvetkov
[Loading and unloading pump units of ; iver oil ports
and tankers, textbook for students in courses for
raising the qualifications of the engineering and techraising the quantifications of the engineering and tect-nical workers of the Ministry of the River Fleet Gruzovye nasosnye ustanovki rechnykn neftestantsi i tankerov, uchebnoe posobie dila slushatelei kursov povyshenila kvalifikatsii inzhenerno tekhnicheskikh rabotnikov MRF. [Gor'kii] Volgo-Viatskoe knizhnoe ıza-to, 1956. 58 p.

Mobile low-pressure combined pumping stations. 2.1 Metel'skii Blul, tekh -ekon inform Gos nauch, -issl inst nauch i tekh inform 19 no 12 39-40 D '66 hist nager realizes for low-viscosity fluids. N I Mel'nikov, IU I. Dombe Khim, i nett, khoz no 12 3-7 D '66

Tractor-mounted equipment for pumping out water 1 M. Iskende, ov Mckh shot 23 no 12 19 D '66

Use of gear pumps for the removal of viscous congealing liquids from apparatus operating under deep vacuum, I IA Ponomarenko Trudy NIISZHIMSa no 2,70-77

#### PUMPING MACHINERY-ELECTRIC DRIVING

Partial differential protection of 8 3500 km motor, R. M. Ziganshin Elek, sta. 33 no. 3 90 Mi 162,

PUMPING MACHINERY....MAINTENANCE AND REPAIR Reconditioning of vane pumps E. T. Keleinikov, T. M. Zhigalin. Ferm. i spirt, prom 33 no. 1:35-36 167

## PUMPING MACHINERY, ELECTRIC

Mobile MP-1 electric oil pump L.S Ustimov, E D Morchadze Transp : khran nefti i nefteprod, no 11 39-40 186

### PUMPING STATIONS

Effectiveness of using SMS-7710 pumps in multiple pumping stations M. M. Zhdanov, L. S. Baturins Neft, khoz 44 no 11:47-40 N '66.

Improving the automation system of tower pumping stations. A Babeshko, Tekh.v sel'khoz, 26 no, 12: 80-81 p '66

## DUMPING STATIONS-MEASUREMENT

Measuring water discharge in the pipelines of pumping stations by induction flowmeters, A. M. Grabovskii, V. M. Zailsev, A. V. Podlasov, Gidr i mel. 19 no 1,70-74 Ja 167

## PUMPKIN

Watermeions, molons, and pumpkins. M. Marshak, Zakup sel⁴khoz prod, no 11 56-3 of cover N 466,

## PUNCHED CARD SYSTEMS-BELTS AND BELTING

Punched cards for the storage of information concerning the performance of conveyor belts. G Z. Veksler, O. G. Karbasov, IU. S. Mei'nikov. Kauch i rez. 26 no. 1:52-

## PUNCHED CARD SYSTEMS—ENGINEERING

Using nunched cards with border perforation in improving the scientific organization of engineering work in enter-prises, N IA. Epp. A.A Vaksman. Stand i kach. 30 no. 11-27-33 N '66.

PUNCHED CARD SYSTEMS-MACHINERY INDUSTRY see subdivision under Kharkov

## PUNCTURES (MEDICINE)

Treatment of effusion percarditis, M.O. Makhachev. Sov. med. 29 no 10 76-81 O '86.

## PUNISHMENT

foreince, V.A. [Supervisory functions of public prosecu-fors in the execution of judicial sentences, a textbook for the "Supervisory functions of public prosecutors in the U.S. S. R." course for the students of evening and and 0,5,5,R, "course for the students of evening and correspondence departments] Prokurorskii nadzor za ispolneniem sudebnogo prigovora, uchebnoe posoble dila studentov vechernego i zaochnogo otdelenii po kursu "Prokurorskii nadzor v SSSR." [Leningrad] Izd-vo Leningr, univ., 1866, 30 p. (V pomoshch' studentam vechernikh i zaochnykh vuzov) The role of legal consequences and public opinion in the imposition of penality. G Z Anashkin, Sov. gas 1 pravo no 1 42-48 Ja 467

#### PUPPETS AND PUPPET PLAYS

An artist of marionettes, M Minuts, Iskurstvo 29 no 12 27-29 166.

## PURGMYCIN

Inhibitors of DNA and protein syntheses as mutagenic ageids for membratian cells in vitro. I K Shakhova, F. N Tolkacheva, N I Shapiro. Genetika no 12 35-35

#### PURPURA (PATHOLOGY)

Liection microscopic study of blood platelets in normal man and in patients with Willhoff disease A. 1 Tota-laia, LS TSepa Aith anat, gist i cmb: 51 no 10 ⊦а13, LS TSepa 40-49 О '66

## PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837

The creative concept of Pushkin's story "Roslaviev" V I Glukhov, Nauch dokt vys shkoly, filed muki 5 no, 1 98-107 62.

10 the teachers who guarded our youth... (to be concluded) A Gussen Sealte vehicle 22 no.149-51 Ja 167

# PUSHKIN, ALEKSANDA SERGEEVICH, 1799-1897— CRITICISM AND INTERPRETATION

Interpretation of Pushkun's verse "Defenders of the whip and lash, . " P. N. Berkov, Lev AN SSSR, Ser, lit, 1 laz, 25 no. 6 500-513 N-D 186

#### PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837-LANGUAGE

Fomina, M. J. [Observations on A. S. Pushkin's editing of his own writings, Pushkin's work on his prose texts Materials for students in the course "Practical stylistics of modern Russian" [17 nablitedenti nad priomami avio edaktirovantia A. S. Pushkina, rabota Pushkina nad tekstom protzai leskikh protzvedenti. Materialy v pomosiach 'zuchalusichim kus "Prakticheskaia ettistika equantumena pushkina and materialistics of protzai leskikh protzvedenti. Materialy v pomosiach 'zuchalusichim kus "Prakticheskaia ettistika equantumena pushkina and materialistika equantumena pushkina and materialistics." stilistika soviemennogo jusakogo jazyka." Moskva, Mosk. poligi. in-t, 1966. 31 p

#### PYLORUS

Role of pyloric appendages in digestion of fishes. Ivan Dobrovolov. Trudy Inst. biol. vnutr. vod. no. 10 139-112

PYRALID MOTHS-EXTERMINATION are subdivision under Gorkly Province

#### PYRAN

Stristitization of photobleaching and photocoloration of spiropy and by means of triblet-pribet energy transfer. G.1 Lashkov, V.L Ermolaev, A V.Shablia. Opt.i spektr 21 no.5516-519 N 106.

Calculation by the MO (LCKO) method of chemical and physical properties of a pyrone. M. E. Pet of son and others Teoret, i cksper, khim 2 no 5:575-582 S-O '66

## PYRAZO LINE

Reaction of asymmetrical disubstituted hydrarinos with o. B-unsaturated acid derivatives. Report No. 3 Preparation of i, i-dimethylpyrazolinium-3-uxides from dimethylpyrazolinium-3-uxides from dimethylpyrazine chloride. N.P. Zapovalova, L.A. Ovsiannikova, T. A. Sokolova Izy AN SSSR, Set, khim, no 1482-464 Ja '67

## PYRAZO LINONE

Extraction of luner-complex compounds of elements with 1-phenyl-3-methyl-4-benzoyl-5-pyrazolone. Extraction of scandium. manganuse, and strontium. IU. A. Zolotov, V. G. Lambrev. Radiokhimila no. 6:627-632 '66.

### PYRHELIOMETER

International comparison of pyrholiometers in Tashkont, December 9-10, 1963, Trudy GGO no. 184 103-108 186.

### PYRIDAZINE-SPECTRA

Some tetrazolo [1,5-b]- and s-triazolo [4, 3-b] pyridazines and their infrared spectral chalacturistics, I.B. Lundina, IV. N. Sheinker, 1 IA. Postovskii. Iav. AN SSBR. Ser. khim. no 1:66-70 Ja 167.

## PYRIDINE

Nature of drop down curves on polarographic and catalytic hydrogen waves in nonbuffer solutions of pyridine and its homologs M. K. Policyktov, S. G. Mairanovskii. Elektrokhimiia 2 no. 12 1487-1491 D '66.

### PYRIDING BASES

Extraction of indole from heavy pyridine bases. B. II. Kogan, O. M. Pliushch Roks i khim no 7:46-47 162

## PYRIDINIUM COMPOUNDS

Effect of ACTH and reduced triphosphopyridine-nucleotide on the biosynthesis of androgens and corticosteroids in the adrenal glands. Siao Li [Itsiao Li] Probl. endok. i gorm. 8 no. 6:17-23 N-D '62.

#### PARIDOXINE

Use of vitamin B5 and trace clonents in feeding pro- indexing. IA A Babin, G. V. Mellukov. Kulin v. 12 knov. S. no 1:46-17 Ja 467.

Reaction of 2-mercuptopy: imidines with some o. 6 In hilo Banes N. G. Pashkuros, V. S. Rezuit Date Va-esspetti wet 1874-876 D 166

#### PYRINDINONE

Effect of substituents on the configuration of \$\epsilon_{\chi} \epsilon_{\chi} \epsilon_{\chi

(900 also subdivision under Caucasus, Northern) Production of highly cone; drated sulfut discide by

oxidation of pyrite with cindots in a fluidized but \$\sigma \text{Aliev and others.} Shor, trud Az NII NP [no. 1] 14 3 4

Study of internal alcuetion of pyrite metacas state to or lented sections. I.S. Ignatov. Dokl. AN Gent 141 no. 6:1113-1120 D '66.

Use of photohumint scence in solving some problem in figure general. P. IA. IAt osh, ID, F. ID: in 1/2 op 3/2 min. ob-vn. 95 no 6:746-755. 66

#### PYRITES-THERMOELECTRIC PROPERTIES

Thermoelectric properties of galenites and parties of some complex metal deposits. G.I. Kuiner, Mission, 20 no 2 186-198 166

PYROCHLORE see subdivision under B'men Mernitie, Vishnevaya Mountain

#### PYROGENS

Pyrogenic substances, their composition and present methods of testing and removal from injection (2011) M. D. Denyaov. Farmatsev that I form J = 3.122

Some clinical and laboratory data on the use of Sales, pyrogenic propin ations in the treatment of chipkertis. P. M. Medvedev, K. N. Klimova, L. 1. Jurchenko-med. 29 no. 11.55-40 N 486.

Colorimetric inclined for determining accomplisher content in pyrolysin products. D.A. Alley, A. V. Kerimbekov, I. IA. Panova Nefteper, including no. 8 46-48 166.

Decomposition of tetrachlarosilane in adiabatic composition F. M. Vurzell, 1., S. Polak, V. S., Shehiparl V. 364 i kat. 7 no. 64060-1071 N-D 166.

Effect of steam on the process of pyrolyals 2 kepets. Naft.1 gaz. prom. no.8,36-37 N-11

Possibility of using the products of the necond ic i be stock as now materials for pyrolysis. A.M. fritting and others. Shortlind, Az NII NP no. 3-126 143 151 Pyrolysis of natural ganoline in flow of superfluxe back -

vapor, T. A. Khachaturfan, G. Kh. Mirofun, h. Peckaro, Nefteper, t neftekhim, no 40:18 Ju 15: Thermocontact pyrolysis of petroleum stock in . . . 'n system consisting of reactors of resing flow and fluidized bed. B. V. Profeey, W. G. Egiszara, her t wettekhim, no, 5:20:31-46.

Using pyrolysis rosin for welling the coal chargo, M. F. Kholopisev, A. P. Bronshtein, E. I. Mitonova, A. 1982 a. khim. 10, 5,72-34, 162

### PYROMELLITIC DIANIIYDRIDE

Obtaining pyromethtic diambydride by oxidation of the struction A. Kh. Sharipov, T. M. Khannanov, R. W. Bokshonova, Netteper, theftekitm, no 6.73 C. Ox

### PYROME LITTIMIDE

Chemical degradation of polypyromeill timides, (b,V) Vinogradova and others. Dokl. AN SSSR 171 no. (b,V)1332 D '06.

### PYROMETERS

Device for measuring the temperature of a blast  $\hbar$  to  $\tau$  + hearth. Stait 21 no. 10001 N  $^{+}$  01,

## PYROMETRY—CONGRESSES

Soveahchanie po eksporimental noi teklutike i metodam vysokolomporaturnykh izmoronii, 2d. [Experiments] techniquos and methods of high-temperature measure-ments; transactions) Eksporimental nain tekinika i metody vysokotemperaturnykh izmorenii; [trudy]. Moskva, Nauka, 1960. 234 p.

## PYROPE-MAGNETIC PROPERTIES

Magnetic properties of pyropes. N.A. Smoltkov, E.V. Dobrovoltskain, T.A. Khruleva, Min. shor. 20 1 1 2 2 2 2 2 3 2 8 0 8 0 ...

### PYRRO LIDINONE

Phase equilibria of system Nemethylpyrrolidoge **, B; * bon dioxide at elevated pressures. IU. A. Demidina. I. P. Usinkin. V. M. Sheinikov. Neftepor. I nafickhir no. 12/30-39 '96.

### PYRRO LOPYRIDINE

Some features of lactam-lactim tautomorism of 6-bydioxy-7-azaindoles L N IAkhontov and others M 555R 172 no.1:118-121 Ja 67.

#### DVBHVIC ACID

Metabolism of pyruvic acid in Protous vulgaris OX19 and its sensitivity to some antibicties. B. V. IAkovlev. Mikroblologiis 35 no 6:807-893 N-D *66.

OFEVER see subdivision under Europe, Eastern

QUADRATIC FORMS see Forms, Quadratic

#### QUADRATURE FORMULA

Fylstener of Gaussian-type quadrature formulae exact for functions in Chebyshev - Haar system V.B Ryvkin Dokl. AN BSSR 10 no 11 021-826 N 466.

Optimal formulae of numerical quadratures for stationary random functions L.S. Gundin, R.E. Soloveichik, Zap. 161 43 no 3 48-48 464

Plane integration nets, TV Vilenkin Zhur, vych, mat, 3 mat, frz. 7 no. 1/109-186 Ja-F 167

#### QUADRUPOLE MOMENT see Electric moments

#### OUALITY CONTROL

Algorithm for external coating, V. A. Litymov, Kibernetika, 10, 5, 93-90, S-O *66

the no. 5.43-46 S-O 66

the Soviet public should control the quality. A. Gadyhiev. Agitator 34 no. 2 43-15 Ju 167.

Unified state system of standard technical specifications and the quality of industrial production. F.A. Panfilov. V.A. Virogradov. Stand, i kach 30 no 11 1-6 N 166.

### OHANTUM CHEMISTRY

Role of ionic states in photosensitized two-quantum reac-tions of allomatic compounds at 77° K B, N Shellmov und others. Dokl. AN SSR 1/2 no. 3.655-658 Ja tor.

the of the molecular orbitals method with self-consistenty in calculating and ine - attrobenzene and attrobenzene -phenol tomploxes. V.I. Danilova, S. 1A. Belomytteev. |г. - vy н. ucleb. гаv. ; fiz. 9 no. 6:162-163 166.

### QUANTUM E LECTRODYNAMICS

burry-Sommerfeld-Mane approximation, V. F Boldyshev, tiki fiz zhui. 11 no 12 1277-1285 D 166

Mitten and radiation of electrons in homogeneous magnet-te fields and weak electrostatic fields. V.Ch.Zhukoyskii. IV. A. Korovin - Lv. vys. ucheb zav.; fiz. 9 no 8; 11-17 - 186.

### QUANTUM E LLCTRONICS

Measuring the duration of excited state at high excita-tion levels. T. K. Razumova, Opt. I spektr. 21 no. 5: 617-649 N 56.

Use of optical pumping for studying the decay of neon-livedn., 1, M. Beterov, V. P. Chebotaev. Opt. I spektr. 21 no. 5:654-656 N. 466.

Meld of anti-Stokes fluorescence, L. Kozma, J. Hevesi, Opt. 1 spectr. 21 no. 5:650-651 N 166.

### QUANTUM FIELD THEORY

Description of stable and metastable bound states in the representation of interaction. V. A. Onishchuk. Vest. Mosk-un Ser 3; Piz., astron. 21 no.6-19-24 N-

[Dispersion sum rules in the theory of strong interactions] Dispersionnye-pravila summ v teorii sil'nykh vzalmo-deistvii. [By] V.A. Matveev i dr. Dubna, 1997. 57 p.

Increty spectrum of atomic nuclei in nuclear quantum field theory. A.N. Kushini enko, Dop. AN URSR no. 12-1567-1572 '68.

fouge invariance and infrared characteristics of Green's functions of electrons, M.A. Bruun, Vest, LOU 21 no 22 19-24 '68.

Logunov, A.A., and M.A.Mesivirishvili. [Small-angle scatter ing and a lower bound for the decreasing amplitude at large angles] Rassolanic na malye ugly inkimata grantisa ubyvanila amplitudy v oblasti bol'shikh uglov. Dubna, 1907. 10 p.

Reno multization in quantum field theory model withthree degrees of headom. V.B. Gostev. Vest Moskun. Sci. 3; Fiz., astron. 21 no.6,49-56 N-D '66.

Spectrum of elementary excitations of superfluid Fermi systems. L.I. Krush, IU. V. TSekhmistrenko, Ukr. fiz. zhur. 4 no.5:586-502 S-O 159.

Spliters as invariant objects, V. A. Zheinerovich, Prikl. mat, i mekh. 30 no. 6:1087-1097 N-D '66.

Volkov, M.K. [Four-dimensional unitary relativistic model in quantum field theory without divergences] Chetyrekhmormala unitarnala reliativistskala model' kvantovoi teorii polla bez raskhodimestei. Dubna, 1967. 17 p.

Weak interaction scheme with two bosons. V. I. Kushtan. Vest. Mosk. un. Ser. 3; Fiz., astron. 21 no. 6:9-14 N-D *66.

Zasinvonko, L.G. [Algorithm making it possible to find the eigenfunctions and eigenvalues of the energy operator for some variants of quantum field theory] Algoritm, poavoltainsheidt naiti sobstvennye funktisti sobstvennye zaacheniin operatora energii dia nekotorykh variantov teorii poita. Dubra, 1967. 9 p.

Zastavenko, L. G. [Quantum theory of a scalar neutra) field with g# 4 self-action in the case of one spatial degive of freedom] K kvantovoi teorii skaliarnogo nei-tral'nogo polla s samodeistviem g g^{1,4} v sluchae odnoi prosiranstvennoi stepenti svobody Dubna, 1967 9 p

#### QUANTUM STATISTICS

Instability of Fermi systems and heat capacity of figure  ${
m He}^3$ . D A. Kirzhnits, IU A. Nepomniashchi: Piet v red Zhur eksper, rteuret, fiz. 1 no 386-90 Ag '66,

#### QUANTUM THEORY

Bac', A.I., [A.B. Zel'dovich, and A.M. Perelomov, [Scattering, reactions, and decays in nonrolativistic quantum mechanics] Rassetante, reaktsti i aspady v. nereliativistskoi kvantovoi mekhanike. Moskva, Nauka, 1966, 339 p.

Characteristics of relational bands based on levels with K=1/2, power engineering. B. S. Dzhelepov, G. F. Dranitsyna, Izv. AN SSSR, Ser. fiz. 31 no. 1171-178

Deformed excited states of  ${}^{38}_{18} {}^{\lambda}_{20}$ ,  ${}^{40}_{18} {}^{\lambda}_{22}$ , and  ${}^{12}_{21} {}^{Sc}_{21}$ 

nuclei, B. S. Izhelepov, L. K. Peker Izv AN SSSR, 5x2 fiz 31 no 1181-181 Ja 467,

Determination of high-energy asymptotic behavior of the scattering amplitudes of quantum mechanical particles by energy-dependent potentials V I Mal'chenko Ukrmat, zhu. 19 no.1:102-108 167

Equations of quantum hydrodynamics allowing for dissipation processes V. A. Krasnikov. Vest. Mosk. un Set 3; Fiz. ash on- 21 no 0.57-62 N-D 66

Giant quantum oscillations of ultrasound absorption coefficient in antimony V. B. Kazanskii. A. P. Koroliuk Fiz. tyer. tola 8 no. ll 3418-3420 N '56

Hydrogen-like wave functions for heavy atoms and lons, P. Pavinskii, A. I. Sherstink, Vest, LGU 21 no. 22 25 - 37 '66.

Induced absorption spectra of condensed systems. Calculation of the translation component of the main whilation band for liquid hydrogen, M.O. Bulann, M.V. Tonkov, Vest, L.CU 21 no. 22,41-46 '66.

Infrared and microwave absorption in ionic crystals at high power level, V M. Fain, Pist, vied Zhur eksper i teoret fiz 4 no. 3 100-103 Ag 166.

Low-temperature luminescence spectra of indole. G.S. Kembrovskii, V. P. Bobi oyich, S. V. Konev, Zhur, prikl, spekt. 5 no. 5:695-698 N ¹⁶⁶.

Luminescence, absorption, and level diagram of Pr3+ ton in PbMoO₁ single crystals, A, M, Morozov, E G, Reut, A, I, Ryskin, Opt, 1 spektr, 21 no. 5:561-573 N '16.

Main characteristics of Poincare group extensions, Part 1, 1U.A.IAppa, Vest LGU 21 no 22.7-18 '66,

Matriv equations describing diffusion of radiation, Part 1. N A IAkovkin, R I kostik Astroftzika 2 no. 1374-109 D 166

Migdal, A.B., and V.P.Krainov. [Approximate methods in quantum mechanics] Priblizhennye metody kvantovot mekhaniki. Moskva, Nauka, 1966. 152 p.

(np)-and (nd)-reactions with calcium at  $E_{\rm B}=11,\,1\,$  Mev. B. Antolkovic, D. Miljanic Lev. AN SSSR, Ser. fit 31 no. 1,105-109 Ja 167.

Normat effect in n-fish in quantized magnetic field. M.S. Bresler and others. Plst, vied. Zhur, eksper. i teoret. fiz. 4 no. 9:348-352 N '66.

Nonadiabatic transitions in solids V.I tver.tela D no.11:3295-3298 N '66. V. I. Osherov Fiz.

Nonlinear properties of crystal lattices. G. M. Genkin. V. M. Pain, E. G. IAshchin. Fiz. tver. tela 8 no. Il 3310-3319 N 160.

Note on mass formulae in unitary symmetry theory. V.G. Kedyshevskii. Dokl. AN SSSR 172 no.1:73-75 Ja 167.

One method of studying magnetic breakdown in metals. A. A. Stutskin Pist v red Zhur, eksper iteoret, fiz no. 3:96-99 Ag *66.

Phonomenological theory of the symmetry of ordered phases. A. G. Khachaturian. Dokl. AN SSSR 171 no. 4 B37-839 D 166.

Probability of passing the potential barrier in an approxi-mation of the generalized Wentzel-Kammers-Billouin method Part 2: Symmetrical banders. N. I. Zhirnov-lzv.vye.uchel.zov., flz. 9 no.6:101-107 '56.

Probability of passing the potential harrier in an approxi-mation of the generalized Wentzel-Kramers-Brillouin mathod. Part 3: Asymmetrical barriers N. I. Zhirnov. Izv.vys.ucheh.znv.; fiz. 9 no.6:108-113 '66.

Properties of lightening filters with initial population of the metastable level. R.K Lashitskain, Dokl.AN BSSR 10 no.11:844-846 N '66

Quantum theory of the photomagnetic effect in semicon-V. N. Sobakin. Dokt. AN SSSR 167 no. 2;318ductors. V. 1 321 Mr 166.

Resonance phenomena for localized oscillations M.A. Ivanov. Fiz.tver.tela 8 no.11;3299-3309 N '66. Ritz's formula and the quantum defects of the spectrum

of a radial Schrodinger equation. L. A. Sakhnovich Izv. AN SSSR Ser. mat. 30 no. 6:1297-1310 166

Schiff, Leonard Isaac, [Quantum mechanics. Translated from the English] Kvantovaia mekhanka. Moskva, Izd-vo hostr. Ht-ry, 1957. 275 p. (PU-E1)

Second virial coefficient for the interaction between atoms with untilled electron shells P M, Kessel'man and others Teplofiz, vys.temp 4 no.6 801-809 N-D 466

Selt-focusing of light beam with excitation of atoms and molecules of medium in beam G A Askarijan Pist red Zhur eksper, i teoret fiz 1 no 10 400-403 N 166,

Some electromagnetic processes on nuclei at high ener-M P Rekalo Uki fiz zhui Il no 12 1286-1295 gi€a D ¹86

Study of interimputity recombination between phosphorus and boron in silicon V, S Vavilov and others Fiz tvci. teln 8 no 11 3419-3150 N '66. Studying 124 ib radiation. K. IA. Gromov and others Lv. VN SSSR Ser hz 31 no 1154-170 Ja '67.

Theory of relavation under the action of a random external field G, E, Vekshtein, G, M, Zaslavskii Dokl AN 988R 172 no 1:69-72 Ja '67

Transition probabilities between 5/2 [532] and 3/2 [41] states in 199th, 157th, 155th, and 155th nuclei. A Kokes, J. Zvolsky. 12v AN SSSR Scr. (12 31 no 1 131-145 Ja '67

Using algebra of currents for computation of radiation corrections in β-decay constant in theory of intermediate boson. B. L. Ioffe. Pis', vied. Zhur. cksper i tocoret, fiz. 1 no. 9:376-378 N '66.

#### QUARTZ

(see also subdivision under Chernovisy Province; Tashkeni Province, Ural Mountains)

Method of X-rayed balls for determining crystallographic orientation of individuals in aggregate. B. V. Chesnokov. Min abot 20 no. 1:568-571 '66.

Ultra- and microporosity of quartz crystals 4. S. Shur. IU. N. Amafriev, N. T. El'kina Zap. Vses, min. ob-va 95 no 6 713-718 '66

us of 13-715 '55 Using the method of wet infilling in producing artificial powdered quartz, E. I Talanker Tekh i org. proizy no. 6:60-62 N-D '66

#### QUARTZ, EFFECT OF RADIATION ON

Structural changes in quartz at  $a \to \beta$  it ansitions and neutron irradiation. F.V. Kolontsova. I V Telegina Fiz tver tela 8 no 11:3412-3414 N '66.

QUARTZITE see subdivision under Kuznetsk Alatau, Sayan Mountains

#### QUATERNIONS

Partic groups whose Sylov 2-subgroup is a direct product of quater mions V D Mazurov Alg., 1 log 5 no. 5 54-57 '66

### QUEEN MAUD LAND-PHYSICAL GEOGRAPHY

Basic types of the configuration of Queen Maud Land. G.V Konovalov inform bial. Sov antark eksp. no. 29 27-29 (61.

### QUEEN MAUD LAND-ROCKS-MAGNETIC PROPERTIES

Magnetic susceptibility of rocks in the eastern part of the mountains of Queen Maud Land A M Karasik, A.M. Malfavkin, E N. Zatsepin. Inform. biul Sov antark cksp, no 29 39-12 '61

### QUE UING THEORY

Asymptotic analysis of some queeing systems. A A. Benovkov Teor.veroiat.iee prim ll no.4;675-682

Ergodic theorem for Markov processes describing general questing systems. I.I Fzhov. Kibernetika no 5 79-81 S-O '66.

### QUINONE

Electron paramagnetic method for studying ubiquinones in mitochondria and onlimal and plant tissues and vitamin K in Escherichia coli B. V. M. Chumakov. L. P. Kalini-chanko, A. E. Kalmanson Biolizika il no. 5:910-913 [66]

Reaction of quinones with sodium. V.O. Lukashevich, E. N. Dokunikhina, Dokt. AN SSSR 167 no. 2.357-360 Mr 166.

### RABIES-MICROBIOLOGY

Serological study of "madness" and the antigenous relationships of the pathogenic agent of this disease with other viruses, R.S Kolesnikova Nauch, soob IAFAN SSSR no 8 125-132 162

### RACCON DOG

Lapina, Ilga, [Raccoon dog] Jenolsuns, Riga, Zinatue, 1968, 60 p. [In Latvian]

### RACEHORSES

Bussian racehorses for sale. O. Korolikov. Vneslutorg. 46 110, 12 40-41 166,

### RADAR

Errors in direction finding using instantaneous amplitude compatison of signals in systems with elliptically po-larized antennas, V. A. Filonenko, P. P. Emel'isnov, V. E. Stel'mashenko, Radiotekhnika, 22, no. 1 68-74 Ja *67.

Three-valued correlation function of the modulation of probing signals of radar. V. A Geranin, L. G. Krasnyi-Radiotekhnika 22 no. 1,75-80 Ja 167.

### RADAR, MILITARY

"Radio engineering measurements" by A N Shusterovich, Voen vest. 41 no 6 125 Je '61

Radar operators amprove their classification Z. Rovnyl. Voen. vest 41 no. 6 88-89 Je '61,

#### RADAR IN ASTRONOMY

Fialko, E. I. [Radiolocation of meteors, some results of observations, theoretical and methodological problems] Radiolokatsita meteorov, nekotorye rezultaty nabifudenit, voprosy teorii i metodiki. Moskva, Sov. radio, 1967

#### RADIATION

Matrix equations describing diffusion of radiation. Part 1. N A. IAkovkin, R I Kostik Vstrofizika 2 no. 4.379-408 D '66.

Spectral and integral functions in transmission of longwave radiation, F N. Shekhter Trudy GGO no 184, 135-140 | 66.

#### RADIATION-DOSAGE

Increase in the sensitivity of an iron sulfate dosimeter S.S Kuznctsova, I.K.Sokolova Radiobiologiia 2 no. 4 626-828 '62

### RADIATION—CATALOGS

[Catalog of meteorology and nuclear radiation data of the World Data Center B1] Kat, dan. po meteor. i fad, rad, Ja-Je '85, Publ. July 1986.

RADIATION-EFFECT ON AMIDES see Amides, Effect of radiation on

RADIATION-EFFECT ON ASCORBIC ACID see Ascorbic acid, Effect of radiation on

RADIATION-EFFECT ON CATALYSTS see Catalysis. Effect of radiation on

RADIATION-EFFECT ON ENZYMES see Enzymes, Effect of andlation on

RADIATION-EFFECT ON ETHYLENE see Ethylene, Effect of radiation on

RADIATION-EFFECT ON FETUS see Fetus, Effect of radiation on

RADIATION-EFFECT ON FOOD see Food, Effect of radiation on

RADIATION-EFFECT ON GALLIUM ARSENIDE CRYSTALS see Gallium arsenide crystals, Effect of radiation on

RADIATION-EFFECT ON GALLIUM ARSENIDES SEC Gallium arsenides, Ellect of radiation on

RADIATION-EFFECT ON HYDROCARBONS see Hydrocarbons, Effect of radiation on

EFFECT ON LEATHER see Leather, Effect of radiation on

RADIATION-EFFECT ON METHANOL see Methanol, Effect of radiation on

RADIATION-EFFECT ON METHYLAMINE see Methylamine, Effect of radiation on

RADIATION-EFFECT ON NERVOUS SYSTEM see Nervous system, Effect of radiation on

RADIATION-EFFECT ON NEOTING ACID see Nicotinic acid, Effect of radiation on

RADIATION-EFFECT ON PERMALIDYS see Permallovs. Effect of radiation on

RADIATION-EFFECT ON PLANTS see Plants, Effect

RADIATION-EFFECT ON POLYMERS see Polymors, Effect of radiation on

RADIATION-EFFECT ON POLYPROPYLENE see Polypropylene, Effect of radiation on

RADIATION-EFFECT ON QUARTZ see Quartz, Effect of radiation on

RADIATION-EFFECT ON SALTS see Salts, Effect of radiation on

RADIATION—EFFECT ON SELENIUM CRYSTALS see Selenium crystals, Effect of radiation on

RADIATION-EFFECT ON SILICON CARBIDE see Silicon carbide crystals, Effect of radiation on

RADIATION—EFFECT ON SILICON CRYSTALS see Silicon crystals, effect of radiation on

RADIATION-EFFECT ON SOLIDS see Solids, Effect of radiation on

RADIATION, EFFECT ON STEEL see Steel, Effect of radiation on

RADIATION-EFFECT ON SULFURIC ACID see Sulfuric acid. Effect of radiation on

RADIATION-REFECT ON WATER see Water, Effect of radiation on

#### RADIATION-PHYSIOLOGICAL EFFECT

Acquired radioresistance, S.IA Arbuzov, P.I. Lomonos Radiobiologila 2 no.4 513-522 162,

Cytogenetic effect of radiation in man N. P. Bochkov Med 1ad 11 no 12-45-52 D '66

Dielectric structure of a liver cell and its change under the action of radiation and cysteins, K. S. Trincher, A. A. Mikhailoya Radiobiotogiia 2 no 4 523-529 162.

Effect of ionizing radiation on the content of easily separable iron in the blood serum O N. Elpat'evstaia. Med. rad 7 no 10 67-58 O '62

Effect of some monomers on the biological functions of ycast cells subjected to irradiation IU.P.Korlov, A.I Gorin, F.Barnetskii. Radiobiologija 2 no.4539-542

Immunological disorders caused by radiation in the light of the new theories of immunity. V. L. Troitskii. Usp. sovr. biol 52 no. 1:53-84 Jl-Ag 151

Materials on blastomogenic effect of ionizing radiation on tissue structures of central nervous system. I.N. Dimant and others. Arkh. anat., gist, i embr. 51 no. 12;61-70 D '66,

Some indices of the mitotic activity of bone marrow fol-lowing the effect of ionizing radiation on the body M. Gorizontova Med rad II no 12:55-56 D 166.

Study of the antigen structure of the globulin fraction from a tissue perfusate of irradiated dogs. G M. L'itrayna, IU.D. Baltha. Radiobiologia 2 no. 1.590 504 162

Surgicultreatment of radiation ulcer of the finger. V. A Berdnikov. Med.rad 12 no. 1.88-89 Ja 167.

Transplantation of the hematopoletic tissue in irradiated animals E. A Lutita, Usp, sovi biol. 52 no.1:65-78 JI-Ag 161.

### RADIATION-SAFETY MEASURES

Fedoscev, N.P. [On-the-job safety for construction around lonizing radiation] Bezopsmost' rabot ha stroitel'stve v uslovilakh ionizirujushchikh izluchenii. Moskva, Strolizdat, 1966—56 p.

General concepts and use of RBE for the purpose of radiation protection. Factor of quality, data on materials presented in the "Report of the Committee of Relative Biological Effectiveness of the International Commission of Radiological Units and Measurements, C. M. Avotisov, Med. rad. 12 no. 1 72-80 Ja 167.

Methodology of work safety control in using sources of ionizing radiation A, V. Terman Med rad, Il no. 12, 13-44 D *66.

Modern safety measures used against irradiation in K-1ay diagnosis. I. Boitor, Gy. Koczkas. Vest. rent, frad. II no. 6;61-66 N-D '66.

Prevention of death in rate by screening part of the bone marrow during irradiation. N. F. Gronskaia. Biul. egsp.biol.i med. 63 no.1127-30 Ja '67.

Some problems in radiation protection of the medical personnel in words for large focus distance gamma therapy. V. IA Goltkov and others. Med. 1ad 7 no. 10 59-62 O '62.

RADIATION OIL WELL LOGGING see Oil well logging,

### RADIATION - PROTECTIVE AGENTS

Effect of some monomers on the biological functions of yeast cells subjected to irradiation IU. P Kozlov, A. I. Gorin, F Barnetskii. Radiobiologiia 2 no. 4:539-542

Effect of some radioprotective agents on the oxygen level in tissues as related to their influence on snims! radiosensitivity, K.A. Zeitunian, M.M. Konstantinova, L.F. Semenov. Radiobiologiia 2 no 4 816-619 '62,

Possiblity for explaining protective action of polyanions and cysteine in radiolysis by energy transmission mechanism V.K. Et molsev and others. Bioficika II no.5:305-509 '85.

Review of L. A. Tiunov, G. A. Vasillev and V. P. Paribok's book 'Radiation-protective agents, a manual." P.P. Saksonov. Radiobiologija 2 no. 4:639 162.

Use of sulfur-containing compounds in the prevention of radiation lesions of the organism, A, P, Kirh shchenkov. Med. rad. 7 no 10.77-85 O 162

### RADIATION SICKNESS

Autotransplantation of bone marrow cells in experimental radiation sickness. G.S. Strelin, N.K. Shmidt, A.K. Riabukha, Radiobiologiia 2 no. 4:561-566 '62,

Autotransplantation of bone marrow cells in the treatment of radiation sickeness produced in rats by fractional irradiation. G.S. Strelin, N.K. Shmidt. Med. rad. 7 no. 10:44-51 O *62.

Case of radiation stekness caused by internal irradiation. E. I. Safronov, V. P. Shamov, V. M. Matykhin, Med, rad, 12 no. I:52-62 Ja 167.

Changes in the immunogenic reactivity and morphologist reorganization of the lymphoid tissue in various stages of radiation sickness A, I Poliak Med, 1 ad 7 as 1 51-55 O 102

Determination of the circulation rate of Cr51-labeled trafused thrombocytes in acute radiation sickness, M C Shitikova, G.I. Kozinets. Med 1ad. 7 no 10 41 44 Q

Dininal a hythm of mitotic division of thymns lymphotysis in not mad people and in people with acute radiation at a ness. IU P Khussat Albh anat, gist i embr. 51 no 10,109-112 O 166,

Effect of coamide on the healing of closed fractures in irradiated animals F. Kh Seifullin Med rad, 7 r 55-59 O 162

animal proteins on erosecretion and inecetion of par creas in subacute radiation stekness A. K. Ezhov Ve. pit 25 no. 6.33-38 N-D 166,

Effect of ionizing radiation on sugar and lactic acid dynamics in the liver of rats V.A. Kostromskala Radiobiologiia 2 no. 4 558-560 162

Effect of small doses of glycocorticolds in acute radial, sickness, V. D. Rogozkin, V. P. Fedotov, K. S. Chertha, Med. rad. 12 no. 1:89-91 Ja 167.

Effect of the biocenosis of intestinal microflora on the development of radiation sickness H.H. Vasylenko, I.I. Nohachevstyi, Mikrobiol zhuz 24 no. 5 55-39

Effect of the taking of bone marrow on the morpholog, et hematopoiotic organs of irradiated recipicats. K.k. Zaitseva, Arkh pat. 28 no. 12 38-43 165.

Evaluation of a new Soviet preparation rose bengal, data on the experimental use under normal conditions and in ladiation sickness V.V. Sedov and others Med rad 7 no 10:15-21 O '62.

Experimental hemotherapy of acute radiation eickness, V. V. Babuk, A. A. Chevlytko. Med. rad II. no. 12-57 58 D 66

Medicinal stimulation against the background of multiple immunization in radiation lesions. A. D. Evtushente Med rad, 11 no 12 62-63 D 160

Permeability of Selye's abscess to some radicactive isotopes in acute radiation sickness. N.P. Ushkov Radiobiologiia 2 no 4.533-538 '62.

Prevention of death in rats by screening part of the bore marrow during irradiation. N.F. Gronskale Blui-eksp.biol.i med. 63 no.1;27-30 Ja *87,

Radiogensitivity and the course of radiation sickress in volicing i odent spacies following in adlation in 1.050/33 and LD100/30 doses. M. A. Bregodze. Soch. AN Grus. SSR 44 no.3;749-756 D '66.

Some data on catechol aminos and their oxidations in radiation sickness. B.B. Moroz, S. P. Grozdov, E.M. Petrovnina, Radiobiologiia 2 no. 4:543-547 62

Spreading rate of pulse waves as a method for the funcproduing rate of pulse waves as a method for the fine-tional evaluation of the cardiovascular system in per-sons exposed to the onic triadiation, E. A. Denisova. Med. rad 7 no. 10:28-32 O 162

Use of fluouscence microscopy in the detection of early changes in partitional blood under the effect of fonistry radiation. L.A. Leshchinskii, V.V. Trusov, E.V. Lavrent'ev. Med. rad. 7 no.10:32-35 O '62.

### RADIATION STERILIZATION

Preventing the proteolytic deterioration of irradiates meat, M. P. Silaev. Kons, i ov, prom. 17 no 3:11 15 Mr '02.

### RADICALS (CHEMISTRY)

Determining parameters of electron paramagnetic resonance spectra of free radicals with the help of interest standard. I. G. Kharitonenkov. Biofizika 11 no.5.960-908 '66.

Kinetics of the formation and output of free radicals in gamma radiation of some enzymes. T.F. Herczhinskais, G.R. Rik. Vest. sel'khoz. nauki 11 no. 11:104-105 '55.

Radial distribution of radicals in diffusion flame with the allowance for quadratic recombination. B, V. Pavlov. L. IU. Rusin. Kin. i kat. 7 no. 6:961-968 N-D '66.

Transformations of free radicals under the effect of Hight in 7-irradiated methylamines. G. V. Pukhal'ska A. G. Kotov, S. IA. Pshezhetskii, Dokl. AN SSSR 171 no. 6:1380-1383 D '66.

### RADICALS (CHEMISTRY)—SPECTRA

Absorption spectra of some free radicals of azoxydiphen yl series. M. N. Volkotrub, E. G. Rozamisev, L. A Skripko. Izv. AN SSSR, Ser, khim. no. 1:179-182 Ja 161.

Electron paramagnetic resonance spectrum of redicels carrying on tetrafluoroethylene polymerization chain-A, S, Baberkin, V, G, Pechnikov, E, V, Volkova, Kind kat. 7 no.61084-1085 N-D '66.

### RADIO

Entering the 50th year of the revolution. Radio no life 2 N '88.

### RADIO...COMPETITIONS

Match among five countries, G. Solov'ev. Radio no. li-8-9 N '06. Tournament of the "hunters." Radio no. 11-14-15 N '66

## RADIO-EQUIPMENT AND SUPPLIES

in foreign countries Radio no 11-58-59 N '66 in the Ministry of the Radio Industry. G Vasil'chuk.
Mai -tekh anabzh 1 no 4 92 O '66

Our consultations Radio no 11:60-61 N '66

Pimenov, A.I. [Control mechanisms in radio apparatus]
Mekhanizmy upravlenila v radioapparature, Moskva,
Fnerglia, 1966, 166 p. (Biblioteka po radioelektronike,

Technical advice Radio no 11-51 N 166,

### RADIO-HANDBOOKS, MANUALS, ETC.

Durhovner, A N [Signals of radio systems and their spectral analysis; a manual on the theoretical fundamensized of radio engineering Signaly radiosistem i ikh spek-tral'nyl analiz, uchebnoe posobie po teoreticheskim osno-van radiotekiniki. Leningrad, Severo-Zapadnyi zaoch-nyi politekh in-t, 1985 82 p

### RADIO-HISTORY

Lenin and radio A Nikolaev. Radio no 11 3-5 N 166,

### RADIO-MATERIALS

Russia (U.S.S.R.) Gosudarstvennyi komitet standartov, mer i izmorticel nykh priborov. Materiats of ceramic radio engineering) Materiaty keramicheskie radio-tekbuicheskie GCST 5450-64 Izd offitsial noe Mo-sya, [Izd-vo Standartov, 1964] 16 p (SSSR Gosudaran ennyi standart)

### RADIO, MILITARY

Awards of the motherland V. Lebedev. Radio no Il-16

Communications in the battation in an attack, A. Borige-vich, Voen, vest, 41 no. 6 47-49 Je '61,

Heroic assistants of the Soviet army N.Grigor evo. Radio no 11-12-13 N '66

Mighty wings of amateur radio. V. Koval' Radio no II-IO-II N '66

Shock brigades of shortwave radio operators. V. Dobro-

eneck origanes or snortwave radio operators. V. Dobro-vel'skit Radio no 11 13 N '68 Solution for the problem in communications published in No.1 of "Voennyi Vestnik." Voen, vest. 41 no. 6,102 Je '61.

Unknown call letters N Vasiliev, Radio no 11:19 N 166

#### RADIO, SHORTWAVE

"Radio communication via meteorites" by M. N. Arone, Voen, vest. 41 no. 6-125-126 Je *61.

### RADIO, SHORTWAVE-ANTENNAS

Aplenna amplifier for 430-440 Mc, operation R Ivanov Radio no 11.9 N '66

RADIO, SHORTWAVE-RECEIVERS AND RECEPTION

Smogliev, K.A., I.V. Voznesenskii, and L.A. Filippov. Microwave receivers! Radiopriemniki SVCh. Mo-skva, Voenizdat, 1967. 555 p.

### RADIO ASTRONOMY

Radio emission from CTA 21 and CTA 102 in the one-meter band. R. D. Dagbesamanskii, T V. Shabanova, Astrofizika 2 no 1 443-450 D 186.

Harmonic analysis of inertialess nonlinear networks. S. K. Savin, Radiotekhnika 22 no. 1 10-14 Ja 167,

Transfer characteristics of distributed uniform R-C-NR R. S Kill metov, F B. Mekhantsev. Radiotekhnika 22 no. 1.63-67 Ju 167.

## RADIO IN THE PETROLEUM INDUSTRY

Using radiotelemechanical systems in central control of oil field industrial installations. R. M. Rezu. Neft khoz. 44 no.10:37-39 O '66.

### RADIO MEASUREMENTS

Automatic registration of radio signal level. S G. Mazmanishvili. Aviom., letem, i sviazi 10 no. il 34-35

"Radio engineering measurements" by A. N. Shusterovich. Voen. vest, 41 no. 6:125 Je '61

### RADIO METEOROLOGY

Nasilev, D. N., [Radio meteorology] Radiometeorologiia, Izd. 2., porer. Pod red. A. Kh. Khrgiana, Moskva, Nauka, 1966. 336 p.

### RADIO OPERATORS

Step toward mastery. N. Kazanskii. Radio no il-17-18 N '66

### RADIO OPERATORS-COMPETITIONS

Radio operators are improving their speed. A. Razumov, Radio no, 11-15  $\,N^{-1}66$ 

### RADIO RELAY SYSTEMS

Method for calculating nonlinear translations in the high-frequency channel of multichannel radio roley systems, S. V. Borodich. Elektrosviaz' 21 no.1:1-12 Ja '67,

### RADIO RESONATORS

Piezo-quartz resonators. L. Gilukman. Radio no. 11:40-42 N 166.

### RADIO TOWERS-VIBRATION

Dynamics of towers on diagonal guy wires. B. A. Rotgauz. Stroil arkhit Uzb. 7 no.12:37-40 D *66.

#### RADIO TRANSFORMERS

Calculation of the parasitic parameters of wideband transformers IU S Rusm, Radiotekhnika 22 no 1 197-198 Ju 167

### RADIO WAVE PROPAGATION

Device for recording signal and interference levels. A A Tantsiura, S M. Tropkin Avtom , telem. 1 svinz! 10 no 11 3-5 N 166

RADIO WAVE PIK PAGATION IN THE IONOSPHERE see Tonospheric radio wave propagation

### RADIOACTIVATION ANALYSIS

Activation analysis with the use of the matrix method. I. N. Plaksin. L. P. Starchik. V. T. Tustanovskii. Doki AN SSSI 172 no.1404-106 Ja 487.

Physical methods of production control in industrial building. A. Khudenko, Prom. stroi, i inch, soor. fl no. 6:0-10 N-D '66.

Plaksin, I.N., and L.P. Slaichik. [Nuclear physics methods for analyzing materials, nuclear reactions and activation analyzing inaterials, nuclear reactions and activation analyzing lade no-fizicheskie metody kontrolia veshchestveningos osatava; iadernye reaktisti i aktivatslonnyi analiz. Moskva, Nauka, 1966. 201 p.

Radiometric analysis of P(active)Cl₃ preparations for P(active)Ccl₃ impanity, V. M. Gorbachev, E. I. Toi gova, Radiokhimia no. 8:710-711 '66

### RADIOACTIVE PROSPECTING

Using ultrasonic and radio wave measuring methods in mining. A. A. Ivanov and others. [zv vys ucheb.zav; gor zhur 8 no 10:138-112 '65

#### RADIOACTIVE SUBSTANCES-DECAY

Measuring accuracy and the existence of a solution to the radioactive decay problem. A. A. Korneichuk. Zhur, vych, mat i mat, fiz. 7 no. 1:218-222 Ja-F 167.

RADIOACTIVE SUBSTANCES IN SOILS see Soils, Radioactive substances in

### RADIOACTIVITY—MEASUREMENT

Dosimetric control. 1, Kirikin. Voen, vest. 41 no. 6: 49-5; Je '61.

Radiation and chemical recommissance, V. Nesterov, Voca, vest, 41 no. 6-102-105 Je '61,

### RADIOACTIVITY—SAFETY MEASURES

Hadiation is weakened a hundred times. I. Krasnov. Voen, znan 13 no. 1:27 Ja 167.

### RADIOBIOLOGICAL RESEARCH

Brief characteristics of plankton samples for radiobiological analyses. A.F.Fodorov Radiobiologia 2 no 4 620-625 162.

## RADIOBIOLOGY-CONGRESSES

Conference of radiobiologists. R. K. Arutiunian. Biol. zhur. Arm. 19 no.12:107-108 D 468

### RADIOCARBON DATING

Radiocarbon in wood from areas of recent volcanism, L.D. Sulerzhitskii, V.S. Forova, Dokt, AN SSSR 171 na. 6:1421-1423 D '66.

### RADIOCHEMISTRY

Chemical reactions of primary recoil stoms of ¹⁴C and secondary high energy displaced atoms of ¹²C in solid amino solids. L. P. Firsova. A. Videnkheft. Rodiokhimita no. 61682-580 ¹66.

Makarov, L. L. [Course in applied radiochemistry] Kurs prikladnol radiokhimii. [Leningrad] Izd-vo Leningr. univ., 1966. 262 p.

Possibility for explaining protective action of polyanions and cysteine in radiolysis by energy transmission mechanism. V. K. Ermolaov and others. Biofizika 11 no. 5:805-809 [66].

Problems of the radiochemistry of water solutions. V. A. Sharpatyi. Usp.khim. 30 no.5:645-678 My

Radiation-catalytic transformation of methanol in the adsorption layer on silica gel samples varying in specific surface area. V.I. Vladimiroya and others. Dokl. AN SSSR 172 no. 31629-632 Ja 467.

Radiation-chemical studies of liquid polyorganosiloxanes with variable content of aromatic groups in moin chain of side ramification of molecules. T. I. Ponomareva and others. Kin.i kat. 7 no.6:983-989 N-D 106.

Radiochemical parification of 55Fe isotope. L. D. Danilla. A. A. Druzhinia. A. I. Pavlova-Verevkius. Radiokhimiis no.6:712-714 '66

Reactions of ¹⁴C accoll atoms in mixtures a picoline-toluens. L. P. Firsoya. Vest. Mosk. un. Ser. 2; Khim. 21 no. 6:105-106 N.D. 168.

RADIO-FREQUENCY COSMIC RADIATIONS see Cosmic radiations, Radio-frequency

### RADIOGENETICS

Radioscustivity of nuclear cell apparatus in various or-gans of mammatian embryos. 7, D. Oserrova, 10, 1A Kerkis, L. M Morozova, Genetika no. 12 66-77 466

### RADIOGRAPHY

Akademiia nauk URSH. Instytut radiofizyky i elektroniky. Radiographic studies of sea waves] Radiograficheskie issledovaniia morskogo volnoniia. Pod red. S.IA. Braude. Kiev, Izd-vo Akad nauk URSR, 1962. 114 p. (WaU)

Period of protein synthesis in leacocytes of human peripheral blood cultivated in vitro, a radiographic study L IA, Levina, S. I. Polikai pova, I M Shapito Dorl AN SSSR 171 no 4 988-991 D 186.

### RADIOISOTOPE SCANNING

Methodology for scanning the liver with J¹³¹-labeled rose bengal in oncology M.A Volkova, N.V.Obukhov, V.Z. Agranat Med rad 7 no.10;8-15 O 162,

#### RADIOISOTOPES

Synthesis of A2NII-4 and A2NII-7 additives with radioactive Bullur and calcium, M. M. Melik-Zade and others, Shor trud Az NII NP no 3 243-218 | 158,

#### RADIOROTOPES-INDUSTRIAL APPLICATIONS

Effect of the structure of the measured material and its geometrical disposition in the pickup unit on the measuring characteristics of the apparatus A.N. Slatinskii, Nauch -issl.trudy TSNIKHBI za 1983 g 121-427

Methods of observing moisture transfer in drying milled peat of a low degree of decomposition. M. P. Volaro-vich. N I. Gamainney, A P. Pollancheva. Izv.vys. vich. N I. Gamainnoy, A P. Pollancheva. I ucheb. 7av.; gor zhur. 8 no. 10;27-31 '65.

Radioisotope apparatus for melioration and engineering geological studies, E. Zhukov, Inform, biul, VDNKH no. 1:36~37 Ja *67.

RADIOSCOPIC DIAGNOSIS see Diagnosis, Radioscopic

#### RADIOLOGISTS ... DISPASES AND HYGIENE

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### RADIOLOGY, MEDICAL

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# RADIOLOGY, MEDICAL—CONGRESSES (see also subdivision under Poland)

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2d All-Russian Congress of Roentgenologists and Radio-logists, A. N. Kishkovskii Med rad, 11 no. 12:83-85 D 166

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RADIOLOGY, MEDICAL—EQUIPMENT AND SUPPLIES Combined rigid applicator for radiactive cobalt therapy of cancer of the cervix uter: A.I. Shramenko. Med. rad 7 no. 10.63-66 O 362.

Modification of the tubes of the LKUF-3 apparatus for irradiation of the tonsils and nose. M. L. Smolenskii. O. A. IAnova. Vop. kur., fizioter.i lech. fiz.kult. 31 no.6;564-565 (66.

X-ray examination of the temporomandibular joint by means of an image converter tube. G.G.Shamaeva, N.A.Rabukhina, Vest, rent. i rad, 11 no. 6:41-44 N-D '66.

## RADIOLOGY, MEDICAL-PATENTS

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### RADIOMETRY

Accelerated method of the selection and calculation of cereorated method of the Selection and calculation of desage fields in large focus gammatherapy of deeply situated tumors by means of the multifield technique on rotation gamma-ray units. B. M. Alfev, J. I. Mietunas, T. G. Ratner. Med. rad. 12 no. 1:68-71 Ja 167.

Calculation of Sr⁹⁰ doses. V. M. Malykhin, Med. rad. II no. 12:20-24 D 166.

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- Dosimetric substantiation of the method of biavial pendulum radiotherapy in malignant tumors of the uterus A V Frolova and others Med rad II no 12:3-7 D '66
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- Mhodology for roentgenological epilation in mycoses the scalp A.G.Suntsov, Med rad 7 no 10:25-27 O 162,
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### RADIOTHERAPY...COMPLICATIONS AND SEQUELAE

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- Stable recovery from cancer of the tongue complicated by radiation necrosis of the mandible. V. V. cheva, Mcd. rad. 12 no.1:31-35 Ja 167.
- Use of lymphography in the determination of radiation changes and metastatic lesions of the lymphatic syste of the petvis. E. E. Vishnevskala, E. V Trushnikova, Vop. ork. 13 no. 1;32-38 '67.

Emanation-thermal study of thorium formate, acetate. propionate, and butyrate, R. Teiner, K. B. Zeborenko. Vest Mosk un Ser. 2: Khim. 21 no. 6:54-58 N-D '68.

### RADON-THERAPEUTIC USE

- Effect of radon baths on the pain syndrome in syringomy-elfa. in Vengerova. Vop kur., fizioter i lech fiz Fulli 31 no 6,517-520 '66
- Present-day state of research in the aphers of alpha-therapy I I Gusarov Vop kur., fizioter i lech fiz kul't 31 no 6,481-187 '66
- It catment of lumbosacral radiculities with mineral radon baths. E F.Kalitkovskii Vop kur . fizioter.i lech fiz.kul't 31 no 6,521-523 '66

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- From out of the past, Put' i put, khoz, 11 no.1:30 '67, Interaction of track and car wheels with irregular wear.
- V. N. Krivosheev, N. N. Kudriavtsev, Vest. ISNII MPS 25 no. 8 30-32 466.
- Letters to the editor, A.G. Efendiev and others, Put! put Phoz 10 no.10,43-44 +86.
- Magnetic recording of dynamic processes in track and tolling stock A. D. Skalov, G. M. Frolov, IA S. Okun', Vest TSNII MPS 25 no. 8 37-40 '66.
- A new year and new achievements. Put' i put, khoz. Il no 1.1 '67.
- Our information department, Transp, strot. 18 no. 3: 61 Mr '66.
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### RAILROADS -- ARSTRACTS

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### RAILROADS—SIGNALING—INTERLOCKING SYSTEMS

- Increasing the reliability of the operation of control board feed devices of interlocking systems N. A. Zhiki evets-kii Avtom, , telem, i syiazi 10 no 11 39-43 N. *86.
- Interlocking systems of small stations B. N. Pushkarev. Avtom , telem, i sviaz 10 no i2:17-18 D 166.
- Switch network of a block-type route relay interlocking system with main line feed L. F. Kondratenko Avtom . telem i sviaz! 10 no 11 27 N 16b

#### RAILROADS-SNOW PROTECTION AND REMOVAL

- The inadequacy of the snow remover lowers performance capacity. P K Logvinenko Puti i put khoz 10 no 0.35-36 466.
- Make better use of snow removal equipment, V.A. Nenakhov. Put' 1 put, khoz. 11 no.12-4 '67
- Winter is a busy time. Put! I put khoz. 10 no.10:1-3

### RAILROADS—STATIONS

Placing of points for overall preparation of cars folloading. E.P. Rostovskala, Vest TSNII MPS 25 no. 7:13-17 '66.

### RAILROADS-STATIONS-DESIGN AND CONSTRUCTION

Changes and additions to technical instructions for planning stations and junctions. G. Z. Vertsman and others Transp.strol. 16 no.2;37-38 F '66

### RAILROADS-SURVEYING

Create a permanent set of points, A.A.Khrenov, Put'i put khoz 10 no 9 33-34 '66

### RAILROADS-SWITCHES

- How to adjust sloping switches, A. A. Simon, Put' i put khoz il no 1;41-42 '67,
- Rational utilization of 1/6 brand symmetrical switches I. M. Gemellako Transp stroi 16 no.2,38-10 F SPG-2 electric switch drive for hump yards. IU. M. Reznikov, Avtain, , telem, i sviazi 10 no 12 14-17
- Syrtches for high-speed traffic on branch lines, T Koziichuk Put' i put, khoz, 10 no 7 28-30 '66,
- RAILROADS-SWITCHES-MAINTENANCE AND REPAIR sce subdivision under Siberia, Eastern
- RATERAODS-SWITCHES-PRODUCTION STANDARDS A poor product, I.A. Antipov. Put' i put khoz. 10 no. 7: 5-6 466.

### RAILROADS -- SWITCHING

Effect of the TsMIME -DVZ coupling on the track during switching. G. A. Kalinin | lzv.vys.ucheb.zav., les. zhur. 9 no.840-53 '66.

## RAILROADS-TECHNOLOGICAL INNOVATIONS (see also subdivision under Baltic region; Siberla, Eastern)

- Do you know that .... Put! i put, khoz. Il no, i.9 '67, Get everything possible out of the new technology Pul' i put khoz. 10 no. 10 20-21 '46.
- Put into operation, V.V. Pomin, Put'l put, khoz. 10
- no. 9-38-39 '66 Railroad news, Put! i put, khoz. 10 no. 7:15 '66. Section of a scientific and technical society. N. A. Vonsovich. Put' i put, khoz. II no. 1:33 '67.
- The Southeastern railroad is 100 years old. Put' i put. khoz, 10 hc. 9 18 466.

### RAILROADS-TELE PHONE

- Conversion of adopters for connecting home telephones, I. P. Istomin Avtom, , telem. 1 svia? 1 10 no. (1-32-33 N *66.
- Cross talk attenuation in pulse-phase modulation V 1. Denisov. Aviom., telem. 1 sviaz 10 no 12 12-13
- Improvement of the network of the ATS-49 exchange, A. S. Lipunov, Avtom., telem. i sviazi 10 no. 12:34 D '66.
- What a long-distance vailroad communication cable should be like. V. V. Gavrilluk, V. I Katsalapenko. Avtom , telem, i sviazi 16 no. 12:9-12 D 166,

### RAILROADS-TICKETS

Tables for locating faulty components in KZh ticket printing machines. B. A. Khomiekov. Aviom., telem. i sviaz! 10 no. 12,30-34 D *66.

### RAILROADS-TIES

(see also subdivision under Germany, West)

Loading and unloading of ties at the plant. I.G. Tverdokh-leb. Puti i put, khoz. 10 no. to 16 166.

## RAILROADS-TIES-MAINTENANCE AND REPAIR A new antiseptic. 1, N. Nich, E. D. Fomin. Put' i put, khoz 10 no. 9:13-15 '66.

#### RATIROADS-TRACK

Nome improvements of the sand system of locomotives, V F Donoshenko, N N kamene. Elek i tepl tiaga 10 no 12 26 D 166

#### RAILROADS-TRACK-DEFECTS

Defectoscope quality remains low. G P Strigin and others Put 1 put khoz 10 no.10 34 166

## RAILROADS-TRACK-DESIGN AND CONSTRUCTION

Antilof'ev, B.A., and G.D. Mikhailov [Using synthetic materials in track construction; textbook for corrematerials in trace construction; textoon for correspondence courses for raising qualifications of engineering and technical workers] Primenente iskusstvennykh materialov v putevom khozialstve, uchebnee posobie dila Zaochnykh kursov povyshenia kvalifikatsii TTR Novosibirsk, Zapadno-Suhi skoe knizhnoe izd-vo, 1965

### [MICROFILM]

## RAILROADS—TRACK—MAINTENANCE AND REPAIR

Devices for track maintenance, I.A. TSylin, Put' I put, khoz. 10 no 9 45 '86

klioz. 10 no 9 45 '66

From railroad car plants to VPO-3000. A D Demichev, Put' 1 put khoz. 11 no.114-16 '67.

Mechanics will not let us down Put' 1 put, khoz II no 124-25 '67.

Particulars of using "Regulations on a socialist state production enterprise" in roadway maintenance I Antipov. Put' 1 put khoz 10 no 7 1-6 '66.

Raise the tempo of trackwork mechanization. A N Naumor. Put' 1 put khoz. 10 no.7 1-4 '68.

Repairing track by leveling with padding. P. S. Gaidamaka Put' 4 put, khoz 10 no 7 7-8 '66

School of advanced experience, Put' i put khoz. Il no.1: 13 '67

A three-point rating R.I. Pavlik, Put' i put khoz. 10

no 10 29 '66.
Track maintenance on "closed tracks." V. L. Koniushev-skii, O. I. Moskaleva, A. G. Sazonov. Put' 1 put, khoz
11 no 1:5-7 '67

Tracklayers on intermediate repair M. B. Berman, Put' i put, khoz 10 no 7 21-23 '66.

Tracklaying machinery station. E.A Krivova, A.I. Monakhov, Put' 1 put khoz 10 no 9 9-10 166. Using precast structural elements in building engineering structures, S.B Haikin, Transp, stroi, 16 no. 4,26-28 Ap 466.

We are aiming for new successes B.N Bokii Put' i put khoz. 10 no 10 22-24 '66,

Winter is a busy time. Put' i put, khoz. 10 no. 10-1-3 166,

### RAILROADS-TRACK-TESTING

The testing base of track, A.F. Zolotarskii, Put'l put, khoz. 10 no 9 28-30 '66.

### RAILROADS-TRACKLAYING MACHINERY

A new narrow-gauge ballaster. A. K. Filippov. Put' 1 put, khoz. 11 no. 18-9'67

New track laying machines in the five-year plan. M. T. Chlenov. Put' i put, khoz 10 no 9 4-6 '66

### RAILROADS-TRACKS

Mechanized assembly of rail lengths for laying track on individual sites. M.B. Koval'skii, E.V. Pronkin. Transp. stroi. 18 no. 4.6-8 Ap '66.

### RAILROADS—TRAIN SPEED

Frequency method of measuring train speed, A V. Stishilakov, V.I.Shorokhodov, Vest TSNII MPS 25 no 7 51-54 *66

Narrow gauge at high-speed travel, G. I. Shabalin, G. E. Andreev. Put 1 put, khoz 10 no 10:17-19 '66.

### RAILROADS-TRAINS

Resistance to movement of ERI and ERIO electric trains and DRI and DI diesel trains P. P. Stromskii Vest TSNII MPS 25 no. 8 3-7 166.

### RAILROADS-YARDS

Using data units on cars for automating sorting station work A F. Folukarov Vest. TSNII MPS 25 no. 8 22-25 166

RAILROADS, SUSPENDED see subdivision under Moscow

RAIN AND RAINFALL see subdivision under Crimea

### RAINBOW TROUT

(see also subdivision under Kamchatka; White Russia)

Comparative study of the resistance of two age groups of rainbow trout (Salmo irideus Gibb.) to toxic effe of phenol. V. I. Luklianenko, B. A. Flerov, Trudy Inst. biol, vnutr, vod, no. 10:295-299 '66.

### RAINES, JANES, 1865-1929

[Janis Rainis, places of life and work] IAn Rainis, mesta zhizni i deiatel'nosti, Riga, Liesma, 1965. 138 p. (NIC)

### RAMAN EFFECT

Raman scattering of light in cubic ionic crystals with impurities. L. E. Gurevich, I. P. Ipatova, A. A. Klochi-khin Fiz. tver. tela 8 no. 11;3260-3268 N '66.

Raman spectra of some mono- and disubstituted cispentalene (Cis-blevelo-(3, 3, 9) - octame). A. N. Kis'us-skii, N. S. Vorob'eva, A. A. Petrov Zhur, piki, spekt, 5 no 5,660-665 N '66,

Nibrational spectra of organoarsenic compounds.
Repuit No. 3 Infrared absorption spectra and Raman spectra of the series of cyclic esters of trivalent at senie acids. R.R. Shagntullin, T.E. Pavlova, Izv. AN SSSR. Ser. khim. no.12:2091-2096 166.

### RANDOM PROCESSES see Stochastic processes

### RANDOM WALKS (MATHEMATICS)

Asymptotic analysis in a lattice scheme of wandering described by a process with independent increments, D. V. Rusak, Dop AN URSR no 10,1243-1217 '66

### RANGE FINDING

Creative approach, N. Vishniakov, Voen, vest, 11 no 6 80-82 Je '61

Distance measurement with a range finder with the telescope axis not corresponding to the inclination angle of the line A,P, Legar 12v vys ucheb. 7av., geod i acrof. no 6 49-52 162,

### RANVIER'S NODES see Nodes of Ranvier

#### RARE CARTH ALLOYS

Distribution of rare-earth metals and yttrium during ciystallization of zinc from lead melt. A. P. Baianov, S. F. Gurskala, V. V. Screbrennikov. Trudy IGU 185 12-43 '65.

#### RARE EARTH COMPOUNDS

Compounds of Eu2Nij7 and EuNi5 and their crystal struc-ture, V. F Terekhova and others. 12v. AN SSSR Met. no 1:205-207 Ja-F 167.

Kinetics and mechanism of decomposition of rare earth amalgams in neutral solutions E. I. Perov. A. D. Lazarenko, V. V. Screbrennikov Trudy TGU 185 151-156

Magnetostriction of rare earth gailate-garnets. K.P., Belov, V 1, Sokolov Pis', v 1ed, Zhur, eksper, i teoret, fiz 4 no. 5;186-188 S 166.

Preparation of perchlorates of some rare earths and reparation of percinorates of some take ear and state study of their thermal decomposition Report No 2 Perchlorates of dysprosium, holmium, erbium, ytterbium, and lutetium M.M. Bel'kova, L. A. Aleksenko Trudy TGU 185 38-41

Preparation of some rare carth perchlorates and study of their thermal decomposition, Report No. 1 Lanthanum, cerium, prascodymium, neodymium, samarium, gadolinium perchlorates. M. M. Belⁱkova, 1. A. Alok-seenko Trudy TGU 185-32-37 ¹⁸⁵.

Rare earth zirconates and their physicochemical proper-ties. Report No. 3: Some regularities in the formation, physicochemical and technical properties of zirconates. A.K Kuznetsov, E.K. Keler. Izv. AN SSSR, Ser. khim. no. 12.2073-2079 '66.

Spectrographic method of determining stability constants of rare earth complexes. N. A. Kostromina and others. Teoret.icksper.khim. 2 no.5:673-678 S-O '66.

Study of some \$\beta^{\text{dikelonates}}\$ of rare earth elements.

A. I. Bytke, L. A. Aslanov, E. F. Korytnyi, Vest. Mosk
un. Ser. 2; Khlm. 21 no 6;117-110 N-D '66.

Terblum-sensitized luminescence of europium in complex compounds. N.S. Poluektov and others. Zhur. prikl. spekt. 5 no. 5:625-629 N ¹⁶⁶.

Ternary complexes of rare carth elements with thenyl trifluot cacetone and some organic bases, E. V. Melen-teva, L. I. Kononenko, N. S. Poluektov. Ukr. khim, zhur. 32 no. II.1147-1153 186.

Thermal stability of rare earth nicotinates. R.A. Chupakhina, V.V.Serebrennikov, Trudy TGU 185-157-160

Thermolysis of anhydrous perchlorates of atuminum, scandium, yttrium, and lanthanum. M. M. Bol'kova, L. A. Lekscenke, V. V. Serebrennikov. Trudy TGU 185-146-150 165.

### RARE EARTH FLUORIDES

Reaction of scandium and yttrium fluorides with gaseous ammonia, V. P. Orlovskii, Zhur, neorg, khim, 12 no. 1-20-22 Ja '67.

### RARE EARTH FLUORIDES-SOLUBILITY

Solubility of fluorides and phosphates of some rareearth elements in water and acids, G.I. Vasilley, B.L. Rubley, V.V. Screbrennikov. Trudy TGU 185:54-50

### RARE EARTH HALIDES

Calculation of the energy of stabilization with crystalline field in rare earth halides taking into account spin-orbital interaction. K.B.IAtsimirakii, N.A. Kostromina. Teoret.iekspei.khim. 2 no.5;583-588 S-O 66.

### RARE EARTH HYDROXIDES

Formation of insoluble rare earths hydroxides on the cathode susface. B. K. Petrin, N. S. Bybyreva. Elektrokhimila 2 no. 12:1470-1473 D '66.

### RARE EARTH METALS

(see also subdivision under Aldan Shield, Kurelli) Effect of raise earth metals on proper Hes of Equident solid steel V. N. Poltsadov and official Levis ucheb, zav., chern, met 10 no 1966-88 167.

Hare carth metal solubility in mon M. M. Sandamirekt, A. S. Zavialov, Izv. AN SSSR Met no. 1917 119 J. F 167

### RARE EARTH PHOSPHATES-SOLUBILITY

Solubility of fluorides and phosphates of some rane carth elements in water and acids: G. I Vanilley, H. I Rubley, V V Serebrennikov - Frudy RUI 18754-

### PARE EARTH SALTS-SPECTRA

Forces of oscillators for absorption spectra of solutions of chlorides and perchlorates of principly into a neodymium, samarium, and erbium in various molecule R I Slavkina, V.I. Danilova, V V. Serebrendlers, Trudy 1GU 185 63-71 '65

### RARE EARTH VANADATES

Conditions of formation and some properties of (210 on the decayanndates). A. A. Ivakin, N. I. Ivakin, a. M. P. Glazzin, Zhur neorg. Fhim, 12 no. 156 51 Ja. 467.

### RARE EARTHS

(see also subdivision under Rumon Mountains, Sayan Mountains)

Sayan Mountaine)

Determination of integral heats of dissolution of I a 10 a

24.0 - in sulfuric and a citic actor A 2. Nd O Sm₂O₂, Gd₂O₃ in sulfuric and arctic actor N Smollakova, V V Serebrennikov Trudy 1911 1911 in 82 165

Determination of isoelectric points of rare calli oxides L.G. Mahlanovskaia, I.N. Efinov, Trudy Tell 108 s) 102 465

Effect of diluents on the extraction of care can the dispersal by carboxylic acids. I.N. Plaksha, V.S. Stateber, IU.S. Fudotov. Dokl. AN SSSR 171 no. 6.1111 194 D 166.

First data on race earths in kimberille tooks - V V Bir kov, P. R. Podporina - Dokl, AN SSSR-171 (a), \$ 900-113 D 466

Variations in the contact potential difference of the contact as a function of temporature of annealing in osygen. I Sazonov, V. A. Liando. Kinei kat. 7 no. 6 16 (1-16) N-D 466.

#### RARE EARTHS---ANALYSIS

Analytical chemistry of rare earth tong in nonague 18 solutions, Report No 3: Photocolorimetric titrat met lanthanum, neadymium, and yttrium in mixed glyed solvent, E.G. Akaenenko, V.V. Screbrennikov, 1 and, TGU 185 51-53 [65].

Separation of certum (3) and yittium tons by cleater likely-sis through results membranes, V. A. Khokhlov, V. V. Serebrenukov, Trudy TGU 186 80-62, 194.

### RARE CARTHS—DECAY

Fine structure of a-spectra in the region of rave as the elements. V. G. Chimila and others. Liv ANA at the fig. 31 no 1:146-150 Ja 467.

### RARE GASES see Gases, Rare

### RAREFIED GAS DYNAMICS

Rarefied gas flow past a sphere. L.F. Zavarrina, 3 V Skokov. Dokl. AN SSSR 172 no. 3:547-519 Ja 467

### RASEINIAI DISTRICT-WORLD WAR, 1939-1945

Passing on the relay baton of a feat. K. Stontaelin. Agi-tator no. 17:44-47 S 182.

### RASHAD, MERZAZADE GAFUR, 1884-1943

Gaiar Rachad, outstanding geographor of Ascalini jan, on the 86th amilyorsary of his birth. R. M. Illah laha. Trudy Azerb, geog. 6b-va 3;202-206 406.

### RASSKAZOVO (TAMBOV PROVINCE)-DISTILLING INDUSTRIES

Processing of sugar boots in the Rasskazovo Distillery S.S. Erdman, Spirt, prom. 20 no. 3:15-17 42.

RATE OF CHEMICAL REACTION 800 Chemical reaction, Rate of

RATING OF EMPLOYEES see Employees, Rating of

## RAW MATERIALS—PRICES

"The seissors of prices," V. Shilldkrut. Vnesh wrg, 46 no. 12:32-36 *66,

Developing a technology for the production of yarn free polynosic fibers and their blends with cotton are I favour. K. N. Plenthkova, K. A. Virker, E. I. Birrabana Santa issl. trudy TSNIKHBI za 1993 g. 116-148.

### RAYON—TESTING

Study of the effect of insolution and washing on the change of linear measurements of fabrics made from alson PJ.-500. M.S. Fllatov and others. Izv. vys. ucheb zav. .tckh. log. prom. no. 6'25-20 '66.

### RAZDAN VALLEY-HYDROELECTRIC POWER STATIONS DESIGN AND CONSTRUCTION

Karamian, S.S. [The Sevan-Razdan cascade hydroelectric power stations; the experience of construction | Sevanor-Razdanskii kaskad GES, opyt stroitel'siva. Moskva, Energlia, 1986, 73 p.

### READING

Use of phonochrestomathies during reading lessons in the 1st grade, M.I. Omerekova, N.V. Arnolti, E. B. Muchuk, Nach shkola 35 no. 215-20 F 167.

### READENG-STUDY AND TEACHING

Expressive reading in correspondence schools. V.M. Norglik. Vech. sied, shkola 0 no. 5:78-70 S-O 668.

### REAMERS—STANDARDS

REAMERICS—STANDARDS
Russia (U. S. S. R.) Cogudarsivennyi komitet standartov,
mer I izmeritel'nykh priborov. [Metal-cutting toola,
rezimers] Rezhushchii instrument; razvortat. Izd.
ofitslait'noe. Moskva, Izd-vo Standartov, 1985. 02 p.
(SSSR. Gosudarsivennye standarty)

## REARRANGUMENTS (CHEMISTRY)

Kinetics of discome-phenol rearrangement of ional quinobromide as studied by means of nuclear magnetic resonance. A. I. Brodskit and others. Dovi AN SSSR 172 no. 1-122-125 Ja 167.

#### REBATES

Repricing the unmarketable consumer goods. B.N. Silcako, I L. Lakhman, Ekon, i mat, metod. 3 no. 1-143-14B Ja-F '67.

### RECEPTORS (NEUROLOGY)

Effect of interocaptive stimuli of enseum and rectum on stomach motility in horses. M.V. Kochetau. Vestsi AN BSSR, bor bital nav. no.1,80-84 167.

Bulaskii, O.B. [Problems of physiclogy of sensory systems; mee hanoreceptors] Voprosy fiziologii sensornykh sistem, mekkanoretseptory. Leningrad, Nauka, 1967. 80 p

Significance of the functional properties of receptors of various sections of the upper respiratory tract in the extheogeneous of angina and acute catarrh. A.G. Mikh-inson. Zhur. ush., non. i gorl. bol. 10 no 5:12-10 N-D

Study of intercomptive impulsation in pupples by electrochcephalography method. N. A. Moineeva, G. Adam. Uokl, AN 555R 167 no. 2:462-466 Mr 166.

RECLAMATION OF LAND (see also subdivision under Ili Valley; Turkmenistan)

By the method of establishing mendows. V. Isakov Zamiedelie 29 no.1:21-22 Ja 107,

1 and improvement and state deliveries, I. Borodavchenko, Zakup, gelikhoz, pred. no. 0.3-5 Ag 186.

Rectaining Science soils K. Pak. Zomiedelie 29 no.1;8-11 Jn 187.

Restore the fertility of wastelands. I. Gurin. Ekon. selt-khaz. 42 no 1:01-04 167.

RECLAIMED RUBBER see Rubber, Reclaimed

### RECONSTRUCTION

Beloy, I.I. [Raised from the ruins; historical essays on the restoration and development of the oldest cities of Russia, 1643-1063] Podniatyo iz ruin; istorichesklo ocherki vosstanovienila i razvitila starcishikh gorodov Rossli, 1943-1963 gg. Moskva, Strollzdat, 1960. 240 p.

### RECORDING INSTRUMENTS

Universal recording instruments, V.V.Rybin, Stand, i

## RECORDING INSTRUMENTS-STANDARDS

Russia (U. S. S. R.) Komitet standartov, mor i izmeritelinykh priborov. [Pens for recording instruments] Per la samoplakushchikh priborov, GOST 3150-66. Izd. oftsial'inoc. Moskva [Izd-vo Standartov] 1966. I3 p. (SSSR. Gosudarstvonnyi standart)

## RECORDING INSTRUMENTS-TESTING

DING THE INCOME. 114 lon spidometrov i schetchikov oborotov. Izd. oftisial'noc, Moskvn, Izd-vo Standartov, 1984, 26 p.

### RECORDS

Explicitness and clarity of purpose in the acquisition of archival materials. D. T. Subbotin Sov. arkh. no. 5:

Office management and the archives. L. M. Matvienko, Sov. arkh. no. 5.83 160,

#### RECREATION AREAS

Principles of planning recreation areas near cities for brief periods of rest 1 M.Smoliar Izv.ASIA no. 3 65-75 '61

RECREATION CENTERS see subdivision under Leningrad

#### RECTORITE

Rectarite in soit B. P. Graudusov. Dokl. AN SSSR 172 no.1:181-183 Ja 187

### RECTUM-CANCER

Causes of late diagnosis of rectal cancer. O. P. Amelina Sov. med 29 no 10 105-108 O 196

#### RED CLOVER

Course of the vernalization stage in single-cut red clover. I. N. Griaznov, Uch. zap. GGU no. 50:173-194 '59.

Studying the phasic heterogeneity of stem shoots and buds of single-cut red clover by cuttings. I. N. G. Iaznov, V. I. Kirillova, Uch zap. GGU no. 50:161-172 159,

RED SPIDER see subdivision under Kharkov region; Tajikislan

### RED SPIDER-PARASTTES see Parasites-Red spider

#### REDUCING AGENTS

Lignin charcoal as a reducing agent in the production of silicon-aluminum alloys, S. I. Sukhanovskii and others, Shor, trud, NIIGS 14-253-257 '65,

Loss of reducing substances during the purification and cooling of neutralized hydrolysates, I.I. Korol'kov, E. F.-Likhonos, I. F. Vysotskain. Sbor, trud. NHGS

### REDUCTION

Some particular features of the temperature change during the reduction of titasuum tetrachloride by A. I. Volnitekti and others Zhur prikl, khim 34 no 6 1351-1354 Je | 61

### REDUCTION, CHEMICAL

Effect of additions of lithium and beryllium oxides on the kinetics of lead dioxide reduction by hydrogen A.V. Ermolaev, G.A.Kusova, Trudy TGU 185 28-31 165.

### REDUCTION, ELECTROLYTIC

Cathodic reduction of magnetite ores, V.P. dalushko, E.F. Zavgorodniata, V.I Manasenko, Zhur prikl.khim 34 no.61271-1275 Je 181

Electrochemical oxidation and reduction of hydrazonium ions. V.S. Daniel'-Bek, T. N. Glazatova. Elekti okhi-mila 2 no. 12;1400-1404 D '66.

Electroreduction of acetone on cathodes of lead-tin allays. A.P. Tomilov, B. L. Kliuev. Elektrokhimlia 2 no. 12: 1465-1113 D 166.

## REED, JOHN, 1887-1920

Gladkov, T.K. [John Reed] Dzhon Rid. [Moskva] Molo-daia gvandlla, 1066. 239 p. (Zhizu' zamechatel'nykh Hudel. Seriia biografii, no.15(347))

### REED PRODUCTS

Chemical composition of reeds. Cr. Simionescu, D. Feld-man. Zhur, prikl, khim 34 no 6 1330-1336 Je 161

### REFLECTION (OPTICS)

1084 N-D 182.

REFERCTION (OFFICES)
Reflectivity of a single-layer dielectric coating in the case of light failing at an angle equal to or greater than the critical angle of total reflection, I. M. Minkov. Opt. I spektr. 21 no.5:824-829 N *65.

### REFLECTORS (SAFETY DEVICES)

Use of reflectors as navigational aids on the small rivers of the Ukraine D. Popeiko. Rech. transp. 20 m. 7; 45 Jl '61.

Aftereffect of motor reactions as an indicator of the individual characteristics and the functional state of the higher nervous activity in man. N 1, Budisk Zhur vys norv, deiat. 12 no. 6:1029-1033 N-D 162.

Conduction of excitation through the spinal reflex are following injury and regeneration of fibers of the posterior roots. E. N. Amautova, T. N. Nesmejanova Fizioi.zbur. 52 no.12;1434-1440 D '85.

Development of the theory of intrinsic muscular reflexes; revelopment of the energy of intrinsic muscular reflexes; proprioceptive reflexes of the sketetal muscles and S. I. Chilley's research. D. G. Kvasov. Fiziol zhur. 52 no. lhi379-1388 N 166.

Effect of aminazineon vascular unconditioned and condi-tioned reflexes in dogs. A. T. Pshonik, A. A. Gribanov, Zhur vys. nerv. doiat. 12 no. 6.1049-1054 N-D '62,

Effect of chronic pain stimulations on spinal reflexes, G. E. Danilov, Fiziol, zhur. 52 no li:1358-1358 N 166 Effector pattern of the pressor carotid sinus reflex, V.M. Khaiutin, Fiziol, zhur. 49 no. 3:338-345 Mr

Interaction between developing congenital reflexes and conditioned reflexes produced on their basis. D. B. Malakhovskais. Zhur. vys. nerv. deias 12 no. 6 1079-

Participation of hormones of adrenal medullary substance Acticipation of normones of agreem institution and action in assumer caction of the central nervous system in experimental galvanization of the cerebral content. Report No 1 A A, Samovhina. Vop bur , fizioter 1 lech fiz kult 31 no 6 539 542 56

Possibility of reflev relations within intracardiac nervous system, G. N. Kopylova, M. G. Udel'nov. Vest. Moskun, Ser. 5: Biol., rochv. 21 no. 5 3-10 S-O '86.

Vascular reflexes in syringomyelia L. N. Shuvaeva Spor nauch trud SOGMI no 10 13-17 '61

Velocity of air movement and pulmonary ventilation dur-ing defensive respiratory reflexes 2, Tomori Fiziol zhur 52 no 11 1340-1345 N '66

### REFORESTATION see subdivision under Ukraine

Refraction indexes of K108, LK6, and TF11 glasses at the temperature of liquid hydrogen. A M Selczneva, A D.Stozhaiov. Opt.-mekh.prom. 33 no.12 21-22 D *66.

#### REFRACTION, DOUBLE

Electrodynamic birefringence in liquids. V.N. TSvetkov, E.L. Vinogradov. Opt. i spektr. 21 no 5 603-609 N 166.

#### REFRACTIVE INDEX

Determination of density and refractive index of cosium ozonide V I Sokol, V.V. Matveev, I.I. Vol'nov. 12v. AN SSSR, Ser. khim. no 12:2235-2237 '66.

#### REFRACTOMETRY

Use of lubricating and machine oil for the refractometric determining of fat in concentuates O I Babicheva, V.S Grzhivo, N F Krokhina. Kons 1 ov.prom. 17 no. 3 33-35 Mr '62.

### REFRACTORIES INDUSTRY—EQUIPMENT AND SUPPLIES

Conveyor drying unit. M.A. Kremianskii and others. Ogneupory 31 no 12-11-13 D 166.

Determining the filtering surface of hose filters. V.D. Mikhailovskii, G. G. Kozhushko Ogneupory 31 no. 12:

### REFRACTORIES INDUSTRY-MANAGEMENT

New system of planning and economic incentives are in effect, V. A. Sazhin, J. S. Korkodilov. Ogneupory 31 no. 12,10-11 D 66.

### REFRACTORY MATERIALS

Burning and thermomechanical properties of magnesia-chromite refractories, L. B. Borovkova, K. V Kovaliskais, D. N Polubolarinov Ogneupory 31 no. 12 35-40 D '66.

Effect of furnace stag and refractories on the contamination of steel by nonmetallic inclusions A.M.S. V. A. Kostiuk Stall 22 no 5-415-417 My 182.

Forming a layer of loose magnesite powder on openhearth furnace bottoms A.S Freidenberg, Ogneupory 31 no 12 46-49 D 166.

Kudrina, A. P., and G. F. Gul'ev. [Refractories for oxy-gen-blown converiers] Ogneupory dlia kislorodnykh konverierov. Moskva, Metallurgiia, 1968, 143 p.

Overall processing debrominated Sivash brines to magnesium oxides for the manufacture of refractories and heat insulating "sovelit" material. B. A. Shoi/het, B. IU. Longe. Trudy CIPKH no. 47:12-18 '62. Performance of rotary kiths with shaft-type heat exchangers in clay firing for grog. P. D. Orekhov. Ogneupory 31 no. 12 5-9 D 166.

## REFRACTORY MATERIALS—THERMAL PROPERTIES

Fquipment for measuring heat conductivity in small-size specimens. I. I. Vishnovskii, V. N. Skripak. Ogneupory 31 no. 12,13-18 D 188.

Measuring the heat transfer coefficients of heat-resisting materials at high temperatures. G.IA, Belov. Teplofiz vys. temp. 4 no. 6 827-831 N-D '65. Studying and methods of increasing the heat resistance of hot-pressed zircomia refractories. L. S. Alekseenko, I. S. Kainarekli, E. V. Degtiareva. Ognaupory 31 no. 12,40-45 D '66.

# REFRIGERATION AND REFRIGERATING MACHINERY (see also subdivision under Czechoslovakia)

Brineless method of freezing rocks. P.A. Siparber.

Device for cooling fried vegetables, fish and other products A.S. Zhvalevskii. Shor izobr.v ryb. prom. za 1961 g. 43-16

Food Industry Workers Day, Khol.tekh 43 no.114-2

Methods of producing refrigeration. A.I. Lavochulk. Shor.izohr.v ryb.prom.za 1961 g.:52-53.

Refrigerating machine. A.I. Layochnik Shor. izobr.v ryb. prom. za 1961 g. :53-54.

Refrigeration in the consumers' cooperatives of the U.S.S.R. A.M. Zhavoronkov. Khol, tekh, 43 no.12 4-6 D '66.

Steam refrigerating machine. T. M. Sutyrina. Shor. izobr. v ryb. prom. za 1061 g. :54-56.

#### REFRIGERATION AND REFRIGERATING MACHINERY (Continued)

Principle of reflex rating enth leases to the new eyetem physing at Legendric meanines. M.M.T. Fishlin, Thetacki, 43 to 12 7-11 D. 56 M M Porm Z E

tion of magnesium subtate from the brine of the Set Lake, N.O. E. ert, M.D. Terabrica. Trial GIPISI to 47 63-71 162 Using the in the Lor artificial refrigeration to: the separa-

Worl of the construction and according trust "Roskhlad-forgatio," Gra, Malsace Khol telh 13 no 11 a יהוז בייטו

# REFRIGERATION AND REFRIGERATING MACHINERY— SAFETY MEASURES

Special measures for animoma renigerators 1 %. Bud Pher 1 'l Guadhn' bhol tebh, 43 no 12 37-38

#### REFRIGERATION AND REFRIGERATING MACHINERY-STUDY AND TEACHING

Grainstion of refrigeration specialists from the All-Umon Cpries, ordered Institute of the Pord Infustry, A A Pupo... Fhol tekh 43 no 12 44 D '66

#### REFRIGERATION AND REFRIGERATING MACHINERY-TECHNOLOGICAL INNOVATIONS

Public on chup on the vort of inventors and efficiency promoters. A.A Tulo . Khol tekh 43 no 11:50-51 N  $^{6}6$ 

### REFRIGERATOR CARS

We retrigerator trains on the railroads of the U.S.S.R. IU. F Mazacy, Khol tekh 43 no 11.6-9 N '66

Rath old out refrigerating units and air conditioners of the firm "Stone " \ n Gogolin Khol tekh 43 no ii. 56-57 h 166

Raili oad transportation or refrigerated commodities in the rev five-year plan MS Martynor, MM Shapor valenko Khol tekh 43 no H 3-5 N 166.

### REFRIGERATOR SHIPS

(see also subdivision under Soviet Far East)

Communists on "Aktubinsk" refrigerator ship PI Eremento Ryb khoz 43 no 158-59 67

The transport refrigerator ship "Veter." Mor. Hot 27 no 1:36-37 Ja '67

#### REFRIGERATOR SHIPS-CONGRESSES

Technological conference on air conditioning and refrigeration on ships, Sudostroenie 27 no 1.77-79 Ja '61.

### REFRIGERATORS

Choice of the capillary tube and the analysis of the func-tioning of a her metic refrigerator V. M. Shavia Kheli tekh. 43 no 11-20-25 M '66

Suspension device for the assembly of the refrigerating unit of a household refrigerator F V, Hushchenko Khol, tekh 43 no 12 36 D 466,

### REFRIGERATORS-RELIABILITY

Effect of some operational factors on the reliability of small refrigerators E. f. Andrachnikov, V. I. Kantonovich, A. I. Nefedkana Khol. tekh. 43 no. il. 17-19 N. '66

### REGENERATION (BIOLOGY)

Changes in mitotic activity of avolotl extremity tissues following restoration of regeneration ability inhibited by A rays S IA. Tuchkova Dokl AN SSSR 172 no. 1; 222-224 Ja 167

Characteristics and activities of the residual changes following recovery from cavernous pulmonary tuber-culosis I E. kochnova, 7.K Oll/mukhametov Sov. med 29 no 10 17-23 O 186

Determination of the healing processes in tuberculosis I E Kochnova Sov med, 29 no 11 3-9 N 466

Effect of the anode of direct intermittent current on the pi ocess of real angular in the range of the pi ocess of reparative regeneration in a skeletal muscle L. P. Tiulil ova, N. I Lassi Bull eksp biol. i med 63 no 1:71-74 Ja %7

Participation of the epithelium of rete testis in the process of reparative regeneration of the testis in guinea  $pl_{a^0}$ . S. S. Roitsina. Bull elisphbiol 1 med. 63 no 1;  $\gamma \sim 1$  d. 467

Regeneration of osseous tissue under conditions of chronic infection Z.P. Lubegina. Ortop., travm. i protez. 27 no. 12:17-22 D 166.

Regeneration of the synovial membrane of the knee joint; preliminary report. V.V. Goncharenko. Ortop., travm. i protez. 27 no.12:28-34 D '66.

Regeneration of the thymus during considerable shifts in the sex hormone content of the organism D G Malkina, Probl. endok i gorm. 8 no 6.31-37 N-D 62.

Significance of improved trophic state for the regeneration of associative pathways in the spinal cord T.N. Nesmeianova, F.A Brazovskaja, E.N. Jordanskaja, Fiziol, zhur 49 no. 3-314-321 Mr 163

Structure of the regenerated liver following its resection in young rats of various ages. V. F. Sidorova. Biul. eksp.biol.i med. 63 no.1:21-25 Ja '67.

Study or regeneration mechanism of smooth muscle tiasue by light and electron microscope under experimental conditions I J. Nad Aith anat., gist, 1 cmb., 51 no 12 21-32 D '66.

### REGIONAL PLANNING

(see also subdivision under Leningi ad region)

Rules and standards for district planning of industrial districts. N. IA. Burlakov. 12v ASIA no 3 10-19 161.

#### REGISTERS OF BIRTHS, ETC.

Court rulings which decree the correction of civil status records. E Belogo shala Sols, zakon 38 no, 7 39-42 Ji 161,

#### REHABILITATION OF CRIMINALS

Eleonskii, V.A. [Supervisory commissions] Nahliudatel'-nye komissii Moskva, Iurid lit-ra, 1960 125 p nye komissii

### REHABILITATION OF JUVENILE DELINQUENTS

My ays in semich R Devishev, A.Ivanov, Sov.just 31 no. 3:21 F 67.

### REINDLER-PARASITES see Parasites-Reindeer

REINDEER BREEDING see subdivision under Yakutia

#### REINFORCED CONCRETE

For a new upsurge in production of precast reinforced contrete K V Mokhortov, Fransp stroi, 16 no. d 21-23 Mr 466.

Some problems in the theory and practice of mesh-reinforced concrete C K. Balavadze Soob AN Gruz SSR 26 no. 6 695-702 Je 161

Thei mal treatment of concrete in an electiomagnetic field using an industrial frequency V P. Goretskii, S.G. Romanovskii Izv. AN Azerb. SSR. Ser. fiz. -tekh i mat.nauk no. 4:107-112 | 166.

### REINFORCED CONCRETE-CURING

Steamed concrete with GKZh-91 organosition additives, G, S Roiak, V V Kiylov, E K, Peredereeva, Pransp. 51101, 16 no. 3 40-42 Mi '66,

### REINFORCED CONCRETE-TESTING

Experimental investigation of grip strength of rod reinforcements with light-weight low-durability concretes

with natural fillers. L. S. Shakut inn. Izv. AN Arm.
SSR. Sei. tekh, nauk 19 no. 6:42-47 '66.
Functioning of mesh-reinforced concrete under tension,
G K Khadukov, V. D Malfavskit Bet, i zhel, - bct,
no. 12 544-519 D '61

Method worthy of attention; on control of quality of materials with help of ultrahigh frequency electromagnetic waves V.V Sudakov, IU.N. Bobyleva Stroi i arkhit Len. 28 no. 12 20 D '66.

### REINFORCED CONCRETE-THERMAL PROPERTIES

Convective heat conductivity in concrete hydraulic structures. N.N. Verigin, Dun lui-Tszian Gidr. stroi. 32 no 11,45-47 N +61

### REINFORCED CONCRETE CONSTRUCTION (see also subdivision under New York (City) )

Advanced method for cutting a chamber with 26 m. span M I Borodin and others. Energ strov no 7:35-17 166

Calculating elastic supports in steel reinforced concrete beams. B.P. Markov. Transp. stroi. 16 no. 4:42-43 Ap 466.

Calculating stresses and displacements caused in tein-forced concrete structures by operational loads. A M. Rozenblumas. Bet. i zhel. -bet. 12 no. 11;32-16 N

Consideration of temperature conditions in the design of hyperbolic reinforced concrete cooling towers, A A. Bolukhov, IU D Sukhov Energ strof no. 7:80-84 *66

Effect of multiple repeated loading on reinforced concrete structures, T. S. Karanfilov, IU. S. Volkov. Trudy Gidroproekta no. 13 110-119 166

Industrializing construction of precast reinforced concrete sea transport piers. R K, Nazirov, I F, Sinagin, M, IA, Tripol'skii. Transp. stroi. 16 no. 3,18-21 Mr '66.

Karpukhin, N.S. [Designing structural elements for multistory plant buildings; instructional manual for the course "Reinforced concrete and masonry structures"] Proektirovanie elementov mnogoetazimogo pi olzvodstvennogo zdaniia; uchebnoe posoble po kursu "Zhelezo-betonnye i kamennye konstruktsii." Moskva, Mosk, in-t

Pt.1. [Reinforced concrete structural elements]
Zhelezebetennye konstruktsii. Ped red. S. S. Davydova, 1965, 129 p.

Lopatto, A.E. [Calculating the sections and designing ordinary and presticesed reinforced concrete structural elements] Raschet sechenii i konstruirovanie elementov obychnykh i predvarifel'no napriazhennykh zhelezobetonnykh konstruktsii. Izd. 2., perer. I dop. Klov, Budivaltaki 1968. 330 p. vel'nyk, 1966, 339 p.

New method for fastening cover plates to reinforced con-crete columns, N. I. Menzhun, Energ, stroi. no, 7:12-

Organization of concreting operations in electing to slab foundations of reduction parts (1,M) At the (1,1) Prom structure (3,9) no (1,9) Profit.

Reinion eed concrete for tunal construction 5, 16, 1, 1, 1, 2, V. Krechetnikov, Inform, biat, VDNKH no. 1, 16, 1, 1

Reinforced-concrete mine rath and then with warship inserts and spike bracing of ratis, designed in Me or Region Coal Scientific Research and Design of two struction Institute G.N. Romanchenkes, Short notes trud, PNIUI no 104211-214-466

### REINFORCED CONCRETE CONSTRUCTION-I OR MWORD

Cleaning and polishing of mold units. P Mathinta . . . stroi, Ros. 4 no 3 26 Mr 463

How to succeed in using molds two or three time? A Shironov, J. Malthina, V. Ledorov - No street R I no 8:27-28 Ag. (64.

### REINFORCED CONCRETE CONSTRUCTION-JOINI .

Precompressing glued seams of reinforced contract to the partial form, 1, 1, 2, 2, 2, 3, 14-16. Mi. (6),

### REINFORCED CONCRETE CONSTRUCTION-71 541'00

Cartain properties of monolithic concrete lining. 1. Simonov Ly vystucheb.zav.; gor.zimt. H

### REINFORCED CONCRETE CONSTRUCTION --- ULTRAND A TESTING

Nogh, S.1. (Using ultrasonic vibrations for quality or froi of reinforced concrete structural elements, parts rials of the Scientific Research Institute of Structural rials of the Scientific Research Institute of Step but via Elements (Klev)] - Primenente all arcycyka dlla knatrolog kachestya zholezobetomykh konstruktati, po materitete, NESK (g. Klev). Moskva, Strolizdat, 1983 - 35 p. 4160 vosti strolitolinoi tekhniki SSSR)

[MICROFILM]

# REINFORCED CONCRETE PRODUCTS

(see also subdivision under Otradayy, Kuybyola v Province; Saran', Karaganda Province)

Ffficient method of thermal treatment in the mount of a of reinforced concerte finnes. P. G. S124 hanks and others. Gift finel 18 no.1:55-63 Ja. 564.

### REINFORCED PLASTICS-TESTING

Fifect of prior periodic loading on the static arreagels of reinforced plantics. B. P. Klahkin, Viest, Monk via Ser, I. Mat., mekh. 32 no. 163-70 Ju-1 264

REINFORCEMENT IN CONCRETE Hee Concrete i cinfoi coment

### REINFORCING BARS

Directions for manufacturing bridge components (4th prestressed red) einforcement (1), A, Halluchill Transpistres, 16 no 242-44 F (66)

Purpose of calcutated endurance containment for real teinforcement from St. 5 steet. A. G. Syerchkov 12: dy Gidroproekta no. 13:120-131 *66.

### RELATIVITY (PHYSICS)

Manifestation of the law of negation of negation is at chylinkic development of correlation between structual and its of an interpolation phenomena. G. M. Elfimov. S. LGU 21 no. 23a 48-452 466.

Oiglanc, Harri. [A talk on the theory of relativity] Vestlus relativisustocoriast. Tallinn. Vulgus, 1967, 326 p. (Teaduse teedelt) [In Estenian]

A possible interpretation of Dirac's hypothesia on diminishing of the gravitational constant on the bords of a new solution to the Einstein equations. V.5 Brozhnev, D. D. Ivanenko, H. N. Frolov. 177. vyn. web zav., fiz 9 no.6:119-121 '60

The theory of relativity and fidelem. I. A. Horinel v., Pyt, steiz, no. 1:10-16 165.

Variational methods for constructing models of central with the everable processors in the special theory of relativity. V. I., Herdichevskii. Priki, mat 1 .... > 30 no. 61081-1086 N-10 '66.

### RELIABILITY (ENGINEERING)

Operational reliability of the "Minsk-2" electronic computers. V. V. Prininikovskii, A. G. Pshonik, M to kart. Vych, sist. no.24:81-98 '66.

Problem of reliability of a piling system, S.A. Veral, the re-Trudy MHT no. 240:21-20 166.

Some problems hearing on the reliability of homogerer is multiput pose computer systems. V. G. Khotosha, Pkic Vych, sist. no. 23:69-90 166.

## RELIABILITY (ENGINEERING)—CONGRESSES

RELIABILITY (ENGINEERING)—CUNCALESSES
[Roliability of complex technological systems; collection of papers of the seminar of the Section on reliability of the Section for the seminar of the seminar of the Section of the Institute of the Section of the President of the Academy of Sectement of the U.S. R., ] O nadezhnosti slowinyth techniches is the U.S. R., ] O nadezhnosti slowinyth techniches is the U.S. R., ] O nadezhnosti slowinyth techniches is the U.S. R., ] O nadezhnosti slowinyth techniches is the U.S. R., ] O nadezhnosti probleme "Kibirutt-ka" pri Prezidiume AN SSR. Moskva, Sov. radio, 1128, 323 p.

#### RELIGION

Superstation and veligion. N. R. Grudinin Find, fik.un, 38 no 4 181-195 '65,

RELIGION-BIBLIOGRAPHY see Bibliography-Religion

### RELIGION-CONTROVERSIAL LITERATURE

Critical evaluation of the present-day religious interpretation of the nature and significance of work 5 Mexico and Pyt. ater no. 1404-140. 55
Critical evaluation of the so-called "moral evidence" of the existence of God. 1, 7, Sytenko. Pyt. ater no. 1,82-92. 465

General characteristics of the ideology of religious people, V & Masanskii Prudy II k un 48 no 4165-180 by.

Vodernism and conservation of religion, 47.1. Duluman, Pyt. ateiz no 124-30 465.

### RELIGION, PRIMITIVE

Anlsimov, A. F. Stages in the development of primitive rolligion Etapy razvitila pervobytnoi religii. Moskva, Nuka, 1967. 160 p.

#### RELIGION AND LABOR

Against the derogatory attitude of religion toward work, IU. M. Okin Imeni o. Pyt. ately no. 1 99-101 165.

Critical evaluation of the present-day religious interpretation of the nature and significance of work. S. Martschuk. Pyt. ateiz. no. 1.104-110 [65].

#### RELIGION AND LAW

Styret las, in the struggle for the liberation of man from the tenets of religion A A, Puzakov Prude file un 38 no 1135-153 165

### RELIGION AND SCIENCE

Some problems concerning the efforts of present-day threelogians to accommodate themselves to the achievements of science - r. O. Bezbkorovaina. Pyt ately re, 117-23 (65)

The theory of relativity and fideism. I A. fiorbachov, Pyt steiz, no 1:10-16 465

#### RELIGION AND SOCIOLOGY

Concrete sociological studies of the surviving traces of religion. V.K. Lancher. Pyt ateiz no 1 3-10 455

### RELIGIOUS ETHICS

Basic difference between the communist and religious correption of the moral ideal. A M. Perekal'skain, trady lik un. 38 no.4 191-299 165

Critical evaluation of the so-called "moral evidence" of the existence of God. L. 7. Sytenko. Pyt. ately no. 1/82-93 165.

Time acrying position of the Orthodox Lastern Church in rigard to the theory of ethics, VIII Dolla, Tyl-ateix, no. 1 68-73 465

RELIGIOUS PSYCHOLOGY see Psychology, Religious

### REMESIO, VASILII NIKOLAEVICH

Academician of the All-Union Academy of Agricultural ic identician of the All-Union Academy of A Sciences Vasilii Nikolaevich Remesla, M Vest. 4:11khoz. naki 11-no 11:122-123 (66 M. Prutskova.

### REMOTE CONTROL

(see also subdivision under Khabarovsk, Volga Hydroelectric Power Station (22d Congr*ess* of the cirsu) i

Analysis of a frequency converter of transducer information on control of parameters and composents of infice Fig. A. V. Prymak – Dop. AN URSR, no. 10 1204-1399 56

Anisimov, N.G., and A.N. Smirnov. Experience in the construction of remote control lines and installation of automatic control systems] Opyt stroitel stva linii lelemekhaniki i moniazha sredstv avtomatiki. Ufa, Tashkirskoe anizhnee izd-vo, 1965. 140 p.

Autonomous premortic system of pressure stabilization in previous prelimes operating "from pump to pump," P.A. Moroz. Transp i khran nefti i a fteprod. no. il 8×11 166

Control service of pipeline per for monee using cleate onto digital computers and oscillograph. Notici gurapion. no.5:54-55 S-O [66].

Disputcher control of agricultural production. G. Kayn-lin, V. Boln ovakil, N. Galvorenskil. Tekh. v sellkhoz. 26 no. 12,4-6 D 466.

FKP-T3-type electronic apparatus for controlling con-scutive piping of petroleum products 5. M Aleksan drov and others. Transp. i khran nefti i nefteprod, no. 113-7 *166. A. M. Aleksan-

Flectronics and remote control inthe communal accommy, i. Makimovskii. Inform, bini VDNKII no. 12 1/-18 D *66.

2 vperience in using RDB-4 regulators for untomatic and remole control of mine huistbrakes. K. P. Bocharov, L. T. Mokeimov. Mash i obor, dlia mekh, i avtomatiz, truk prots, v ugof, prom. no. 2, 464-365 [65].

Remote control in c mino. D. A. Bzonia, V. A. Kharuta, V. D. Mukhin. Ugoli Ukr. 6 no 12 10 D 162. A remote control method of the moccouple electromotive

force transmission from rotary furnaces for mignetize ing resting of ores to secondary instrument V M. Zapořskii, N. V. Shabiii. Oor elektromekh i avtom. no. 1/120-125 | 165

Remote control of a introdry converter substation of a indice D M.Dubinskii Ugoli 37 no.12 20-21 D 462

Special features of the parallel operation of gas prossure regulators with consideration of the remote control system for changing their settings D. B. Barasanov Protes Inst vyk gazu v kom hosp ta prom AN URSR 743-10 [18] 7:13-18 | 59

Studying systematic errors in mine frequency systems of Kinoti control with fluctuating interference V Orysiko, Dop. AN URSR no 12 1573-1576 (66)

Telemetering and remote control on municipal gas reg ulating centris P.F Vodianik Pratsi Inst vyk gazu v kom hosp ta prom AN URSR 7 19-29 150

Time-multiplexed remote control systems using magnetic and electronic components) Viennennye sistemy telequi avlenika na mogulinyiki i lonnyih elementakh. [By] V.N.Tulevich i di. Moskva, Energiia, 1966. 190 p. (Biblioteka po avtomalike, no. 205)

Using a adiotelemechanical systems in central control of oil field industrial installations R. M. Hazu Neft khoz. 14 no.10,37-30 O '66

vysota, I.I. [Autonated matine steam engines, design, lineo etical foundations, and operation] Aviomatizitowannye sudovye narovye mashiny; konstruktsila, osnovy too il ekspinatatsila. Moskva, Transport, 1966. 477 p.

### REMOJE CONTROL—ABSTRACTS

[Automatic control, remote control, and computer technology] Ref. zhur. Avtom., telem., i vych, tekhno. 3 Mr. '67. Avtorskil ukazatel' za 1986 g.

RENAISSANCE see subdivision under Italy

RENAISSANCE ART see Art. Remaissance

RENAISSANCE PHILOSOPHY see Philosophy, Renais-

#### RENAL HYPERTENSION

Radioisotopic renography in hypertonic states. I. P. Korofluk, Mrd. ad. 12 no 1 46-52 Ja 167.

### RENIERITE—OPTICAL PROPERTIES

Measuring optical constants of germanite and tenter ite, I. A. Loginova, Prudy IMGRI no. 1/221-234 *60.

### RENT (ECONOMIC THEORY)

Development of agrarian relations in the U.S.A. and absolutioner. It Sofiertinskala Mix change mich-dunar, atm no 2 81-91 161.

### REPAIRING-SCHEDULING

Network diagrams improve the organization of repairing A. I. Cherny L. G. A. Chernada. Mashinest offel no 1-33-34  $\rm ~Ja^{-1}61$ .

### REPRODUCTION

Biology of the reproduction of some Arey Sea gobies (fam. Gobildac). B. A. IAnkovskii, Gidrobiol, zhut. 2 no. 6

REPTILES-PARASITES see Parasites-Rentiles

### RESEARCH

(see also subdivision under Utaraine)

Concentrate science forces on the decisive lines of scientific research no 5:1-3 My '62 Gidnoliz i lesokhim, prom. 15

### RESEARCH, INDUSTRIAL

(see also subdivision under Stheria, White Russia) Improving the efficiency of scientific research work, S Volntagina, Nauch, dokl, vys shkoty, ekon, naukt 10 no. 1 33-10 '67.

RESEARCH, INDUSTRIAL—FINANCE
Business accounting of branch research organizations,
N Tiamshanskii. Plan, Phon. no. 2-83-85 I * 167,
Some problems of business accounting in research and
designing organizations, I, K, Shelkavskii, Vest I, GU
21 no 23:32-40 *66.

RESEARCH, INDUSTRIAL-LABORATORIES see subdivision under White Russia

### RESEMBLANCE (PHILOSOPHY)

Categories of the similar and dissimilar and their role in the cognitive process, V. S. Nikitchenko, M. Kh. Nutmatev. Nauch trudy TashGU no. 279 50-77 165

### RESERPINE

Effect of aminazine and serpasti on the vegetative nervous system in schizophrenics. R F, Kokanbaeva, Trudy Gos nauch, -isst, inst psikh. 26 l37-l46 ¹61.

### RESERPINE-TOXICOLOGY

Inaufficiency of the endocrine function of the adrenal coltex as the cause of low resistance in newborn and adicalectomized adult rats to resorpine, 1, V. Markova, Problemdok, i gorm. 8 no. 6 8-12 N-D 162.

### RESERVOIR SEDIMENTATION

Predicting the volume of the evacuation of material from the stopes of a reservoir basin by synchronous runoff measurements A. F. Malitsev Vest, Mosk un. Sci. 5 Geog. 16 no. 1:52-53 Ja-F 461.

#### RESERVOIRS

(see also subdivision under Kama Valley)

Calculating rectangular reservoirs K. L. Surov. Stroimckh, i rasch soor 9 no 125-27 167.

For improvement of labor conditions; calcium chloride dehundrifying apparatus V N Syshchikov Stroi, i arkhit Len 28 no 5 35 My 166

Selection of a method for modeling hydrological series taking into account runoff distribution within a year's time. A N Kilasoniia Soob AN Gruz SSR 41 no.2-387-394 N 166

Strong measures should be taken concerning reservoirs
Part, zhizni no 3 61 P '67

Study of frequencies of wave heights. V B Varsband Shor rab pogedrol no 6 87-101 '66

RESERVOIRS-MICROBIOLOGY see subdivision under Armenia

#### RESERVOIRS-SEDIMENTATION

Studying process of natural colmetage of ponds in Voronerh and adjacent provinces, G.S. Pashnev Shor rab po gidt ol no. 6 119-126 466.

### RESIDUAL STRESSES

Studying appearance of residual stresses in castings. V. I Samsonov. Izv. vys. ucheb zav., chern met. 10 no l 149-152 '67.

Studying possibility of reducing residual stresses in castings, V.I.Samsonov Izv vys ucheb zav., chern met 10 no.1168-171 '67.

#### RESINS, SYNTHETIC

Alkyd resins modified by the unsaturated fraction of scope-stock fatty acids, M.D. Eddris, M.A. Osovetskin, G. M. Baranovskaia – Lakokras mat i ikh prim. – no 6

New raw materials for polyester resins. L. N. Sedov and others. Plast massy no. 1-30-31 167

Photocolorimetric determination of the methylol group content of water soluble carbandle resurs E A Naviazhskaia, V S.Sporykhi. a. Lakokras mat i ikh ptim no 6 47-49 '66

Producing styrene by the depolymerization of resins based on the products of petroleum hydrocarbon pyroly-918, G. M Mamcdaliev and others. Plast, massy no. I 27-30 67.

Protective coatings with synthetic resin bases, V.S. Artamonov Fransp. stroi 16 no 3 45-46 Mr 166.

Study of the gluing capacities of compositions obtained by blending polyamide and phenol-formaldrhyde resins, M.P. Koto, and others. Izv. vys. ucheb, zav., tekh, leg. prom. no 6:45-52 '66.

Water-soluble self-hardening acrylic resuss G F Filippychev, IU P Kvasnikov Lakokras mat i ikh prim, no 6 19-20 '66,

Use of paraform in the production of aminoformaldshyde resins N.A. Curich, I V. Stullpina Lakokras mat 1 ith prim no. 6 68-70 '66.

Using boton fluoride in the production of indene-couma-rone resins, O.V IAstrazherobskala, V S Andreeva Koks i khim no 5:14-16 162,

## RESINS, SYNTHETIC, EFFECT OF TEMPERATURE ON

Change of the physical and mechanical properties of phenol resins during fast heating at high temperatures, A. A. Severov, B. V. Lukim, T. B. Gorbacheva. Plast, massy no 1 19-51 '67.

RESONANCE

New manifestation of resonance. L I Miroshnichenko.
Priroda no. Pill Ja '67.

Note on resonance motion of a mechanical system with a centifugal vibrator V.V. Karamyshkin Vest, Mosk, un Sel. 1 Mat., mikh 22 no 1.65-67 Ja-Γ '67.

Nuclear γ-ray resonances in 1185n and 1205n, B. Brastnik, V. Khapp, M. Vlatkovic, 12v. AN SSSR, Ser., fiz. 31 no. 1:09-104 Ja '67.

### RESONATORS

Effect of membrane on losses in open resonators, Vitkin, Dokl, AN BSSR 10 no. 11.840-843 N *66

### RESORCINOL

Oxliation of resorcinol on rotating platinum disk anode, L. S. Reishakhrit, L. V. Batasova Vest, LGU 21 no. 22-150-152 166.

### RESPIRATION

Changes in the blood pressure and respiration due to the external action of ionizing radiation K. Sh. Nadareish-vill Soob. AN Gruz. SSR 27 no 2 209-215 Ag '61

Central mechanisms of the regulation of blood supply and respiration in monkeys, I.T. Dzholiev, N. I. Lagutina, A.A. Fufacheva Fiziol, zhur. 49 no 3-330-337 Mr. 403.

Frequency analysis of respiratory effects on cardiac rhythms. V. M. Zatsiorskii, S. K. Sarsaniia, Biofizika 11 no.5;894-902 '66.

Gas exchange in some forms of diencephalic pathology. A.IA, Markova, Probl. endok, i gorm. 8 no. 6:62-67 N-D 162,

### RESPIRATION (Continued)

Our experience in intratracheal anesthesia with controlled respiration, R A Aliev Azerb med zhur 43 no 12 34-38 D 466

Significance of roenigenofunctional examination of respiration in early diagnosis of cancer of the bronches A I Sadof'ev Vop. onk 13 no 148-25 167

State of external respiration in patients having for many years gunshot foreign bodies in their lungs PP. Firsova, A A Adamian Grud khir 9 no 1,14-49 Ja-

Study of regional ventilation and blood flow in lungs by means of  $\rm Xe^{133}$  - K-D, Kalantarov and others - Med rad II no 1244-20 D  166 

Use of air plethysmograph for recording speech-respiration A.A Garasimov and others Fizial zhur. 52 no.12:1494-1497 D '66

Velocity of air movement and pulmonary ventilation during defensive respiratory reflexes Z. Tomori Fiziol defensive respiratory reflexes 2 zhur 52 no. 11 1340-1345 N 166

### RESPIRATORY ORGANS-DISEASES

Changes in the respiratory organs under the effect of grain dust, S A Stepanov, M.1 Karpova Sov med 29 no 10 65-70 O '66

Effect of tonsillectomy on functional changes in the cardiovascular system in children E.N Ivanova Zhur ush., nos i goil bol 19 no 6 23-27 N-D *59

Treatment of infectious inflammatory diseases of respiratory or gans with sulfapy ridazine sodium S 1 Ashbell and others. Sov med 20 no. 11-32-36 N '66.

#### RESPIROMETER

Noncontact pneumography in small laboratory animals and methodology of determining their pulmonary ventila-IU N. Uspenskii Fiziol zhur 52 no ll 1394-

### RETAIL INVENTORIES see Inventories, Retail

#### BETAIL TRADE

(see also subdivision under Georgia, Moscow) Every day is a particle of the anniversary year. A. Stru-cv. Sov. torg. 40 no. 2.2-7 F 167

Retail trade, A. Kuznetsov, M. Martynova, Knizh, torg. 17 no. 11-28-31 N '66.

[Trade abroad] Torg, za rub. no. 2 '67,

### RETAIL TRADE-ACCOUNTING see subdivision under Leningrad

### RETAIL TRADE—EQUIPMENT AND SUPPLIES

Using new equipment in retail trade. V.P. Shimanskir. Blui tekh, -ekon inform Gos nauch -iss) inst, nauch i tekh inform 19 no 11 70-75 N 486

### RETAIL TRADE-FINANCE

(see also subdivision under Alma-Ata)

Economic reform and trade. E Fonarcy Fin.SSSR 41 no.121-27 Jn '67.

A new planning procedure and the practice of econ N. Smoti ma, G. Orekhova, Sov. torg 10 no 12-17-21

### RETAIL TRADE—MANAGEMENT (see also subdivision under Kazakhstan, Moscow)

Save customers' time, N. Vasenin, Sov. torg, 40 no. 2:17-18 F '67.

RETAIL TRADE—PRODUCTION STANDARDS Mordasova, L. A., and A.G. Novitskii, [Labor organization and the establishment of work norms in a store] Organizatsita i noi mirovanie truda v magazine, Moskya, Ekonomika, 1988. 87 p.

### RETICULOENDOTHELIAL SYSTEM—DISEASES

Combination of cancer and reticulosis, IU, V. Anokhida, T. A. Chendsova, Sov. med, 30 no. httl6-119 Ja *67, Medicinal reticuloses E. M. Tarcev, E. IA. Severova, Sov med, 30 no.1:10-17 Ja *67,

### RETICULOENDOTHELIAL SYSTEM-TUMORS

Use of auto- and allotrasfusion of bone marrow in conjunction with increased doses of chemopreparations in the treatment of lymphogramulomatosis and turnol ous reticulosis. G.E. Klutsishvili Probl gemat, i percl. krovi 12 no. 1:37-40 Ja '67.

### RETINA

Submicroscopical morphology and structural relationship between receptor and horizontal retina cells in a series of lower vertebrates. V. L. Boroviagin. Biofizika II no.5:810-817 '66.

### RETINA-INNERVATION

Evaluation of the resolving ability of the human retina based on electroencephalic data. K. A. Bykov, B. A. Funtiley Fiziel.zhur. 52 no.12;1441-1446 D '66.

### RETIREMENT

When a person retires..., Part, zhizn' no, 4:38-40 F '67.

Use of nitrogen additions in water-air retting of flax.

D. K. Patutin Nauch. - issi, ir uay TSNIILV 22;3-10 66.

#### REVENUE

Improve the work on state revenue, survey of articles and correspondence received by the editor. Tin SSSR 40 no. 12:75-78 D '66.

### REVOLUTIONARY SONGS

History of the revolutionary song "The International" P I', Lebedev Vop ist 12 no 1 208-212 Ja 167

#### REVOLUTIONS

Imperialist conceptions on averting revolutions L Mikuson, Mezhdunat, zhizh 14 no 218-127 167. Some rematka apropos of the problem of "a revolutionary situation" A, V, Fedotov. Vop 1st KPSS 11 no 2 107-

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### REWARDS (PRIZES, ETC.)

Advanced workers in competition. Put! I put, khor. 10

Awarding of orders and medals of the U.S.S.R. to workers, engineers, and technicians of the caming, dried vegetable, and concentrated food inclustry. Kons 1 ov prom 22 no 1 38-13 Ja 467,

Awarding orders and modals of the U.S.S R. to workers and the engineering and technical staff of the canning, dried fruit, and concentrated food industry. Kons i ov prom 21 no 12 35-40 D 166.

Congratulations on high government awaids! Ferm. 1 split, pion 33 no 15-8 b7.

Congratulations on the awards! Masl. -zhir. prom. 32 no. 10 6-19 O '66.

Decree of the Presidium of the Supreme Soviet of the U S.S.R. concerning the award of orders and medals of the U.S.S.R to outstanding Antarctic explorers Inform biul Sov antark.eksp. no 29,5-15 '61

Decree of the Presidium of the Supreme Soviet of the U.S.S.R. on the awarding of U.S.S.R. orders and medals to the vorkers, engineers, and technicians of the peat industry and to the workers of party, soviet, trade-union, and Communist Youth League or ganizations. Torf. prom. 13 no.8:1-6 '66.

High awards of our native land, 1,1, Maksimenko Puti 1 put khoz. 10 no 0 1-2 '56.

The Southeastern ratiroad is 100 years old. Put' i put, khoz. 10 no 9 18 '66.

RHADDOPHANITE see subdivision under Vishnevaya Mountain

### RHENIC ACID

Liquid - vapor phase equilibrium in the system H₂O -HReO₁ K A Bol'shakov, G, I., Plotinskii, V, A, Bardin Zhur neorg khim 12 no, 1189-191 Ja '67.

(see also subdivision undor Kadzharan region, Ai menia)

Extraction of rhenium of sulfuric acid solutions by organic solvents A N Zelivman, L, Dregan, Zhar, neorg, Phim. 12 no.1 261-268 Ja '67.

### RHENIUM-ANALYSIS

Extraction-photometric method of determining thenium by means of saft anine T A. T. Pilipenko, Nguven Mong Shint Ukr khim, zhur 32 no il 1211-1215 466,

### RHENIUM-PLATING

Electrolytic production of rhenium coatings from aqueous solutions using a current of variable polarity, S I, Skilarenko, I, I, Lavroy, IU P, Shamagin. Zhur.priki, khim. 34 no 6 1281-1286 Je 161.

### RHEOLOGY

Determining the dynamic characteristics of viscorlastic materials. F. I Edel'shtein. Vop din. teor. raspr. seism. voin no. 3:338-355 159.

Estimation of flow properties of plugging materials, M.S. Vinarskii, N.I. Titkov, Neft. Phor. 44 no. 11 26-29 N 168.

Relation between the first stage of fluidization and theological transformation in a bed of solid free-flowing material. I.G. Martiushin, V.V. Kharakoz, Izv.vys. ucheb. zav. khim. i khim. tckh. 9 no. 5:827-830 '66.

Clinical and anatomical comparisons in rheumatism. K. V. Sokolova. Trudy LPMI 37:171-174 65.

Correlation of rheumatoid arthritis and rheumatism. N. I. Vinogradov. Trudy LPMI 37;166-170 '65.

Late results of tonsiliectomy in children with rheumatic feven, O.G. Solomatina, S.M. Levina, R.D. Bogomili-skii, Zhur, ush., nos i gorl. bol 10 no. 6:18-22 N-D

Mental disorders in rhoumatic fever. M. A. Gol'denberg, A. S. Timofeeva. Trudy Gos, nauch. -issl. inst. psikh. 26t 215-224 161.

Ophthalmoscopic and campimetric data in the evaluation of the activity of rheumatic process. B. N. Alekseev, G.B. Tupikin. Sov. med. 29 no. 10:31-36 O '66.

Rheumatoids. V. A. Vol'dman. Trudy LPMI 37;27-38

Some examinations of V. A. Valdman's cup endothelial test. V. A. Dem lanova-Gagarina. Trudy LPMI 37; 117-123 '65. Some grave forms of theumatic encephalitis. I 10, Popelianski: Trudy Gos, nauch -issi, inst. psikh, 25 225-232 ¹61,

Study and comparison of the cup endothelial test, diphen, l-amine test and content of antistreptohyaluronidase in the active phase of rhoumatic fever. S. I. Lilenko. Trudy LPMI 37:139-145 [65].

#### RIEUMATIC FEVER-COMPLICATIONS AND SEQUELAE

Comparative analysis of defective states in schizophrenia and psychoses of theumatic ctiology M 1 Poleva [1 tudy] GIDUV no 1 97-99 162.

### RHEUMATIC HEART DISEASE

Atheroscierosis in rheumatism G. G. Nepriakhin, Arth. pat, 28 no 12,3-6 168

Causes of acute cerebral disorders in patients with their matic cardiac defects N.N. Malinovskil. Sov. med 29 no. 11 23-27 N 466.

Differential diagnosis of htypical forms of rheumatic carditis and thyrotoxicosis. E. IA Reznitskala Shar nauch, trud SOGM1 no. 10 57-59 '61.

Effect of negatively charged acrossles on bronchial [x1 - meability in hunt defects according to pneumetackometric data V. M. Loonova. Vop.km. . fiziote 1 lech.fiz kul[†] 31 no 6,542-546 ¹⁶⁶

General morphological characteristics of terminal and neuerus mot pnotogicus characteriustas et torminal inf postterminal states following surgery for em diac de-fects IA, L., Rapoport, D. M. Smirenskala, N V, Arkhangel'skain Grud-khit 9 no 1;39-14 Ja-1, '57

Indications for prosthesis of the mitral valve in a heumatic defects in adolescents. G. M. Solov'av and others. Grad khir. 9 no.1(3-7 Ja-F 167.

Late results of mitral commissurotomy. I. V. Shilan. Sov. med. 29 no 11:47-52 N 166

Lesions of the heart in chronic tonsillitie. R.S. Konov. IA.C. Ioffe. Trudy I.PMI 37218-56 [65].

Oxidemographic method of determining the blood flow Antennographic method to deer mining the blood flow late and its significance in the study of the affectiveness of sountorium and health resolt treatment in Hermatic heart diseases V. V. Guk. L. A. Solebria. Vop hur . fizioler i lech fiz kuit. 31 no.6-107-488 '66.

### RHEUMATOID ARTHRITIS see Arthritis, Rheumaloid RHINOSCLEROMA

Vitamin E content in the blood serum in patients with scleroma E A, Evdoshthenko, Zhur, ush., 1008, i got i bol 19 no. 0.65-68 N-D 158.

# RHIZOSPHERE MICROBIOLOGY (see also subdivision under Ukraine)

Distribution and biochemical activity of denitribing

bacteria in the 1 oot by stem of legumineus and gramineous plants. A. I. Krasil'nikova-Ki alneva, Uch. zap. GGU no. 50:126-141 '59.

Effect of culture filtrates of some rhizosphere fungi on tomate growth. Drh. G. Abrantan. Biol. zhu. Arm. 198 no 10:13-50 O 166.

Production of vitamina by some rhizosphere micro-organisms and the effect of microelements on it, Report No 2 O.I. Benshova, I.A. Kozlova, Mikrobby zbur, 24 no. 5,15-20 "62

Effect of molecules association of rhodomine 6G compounds, containing various anions, on their infrared absorption bands. I., V. Levshin, E. A. Bobrovskala, T.D. Slavnova, Zhur, prikl, spekt, 5 no. 5:618-654 N 186.

RHODUSITE see subdivision under Dzhezkazgan Depression, Minusinsk Basin

### RHYNCHONELLIDAE, FOSSIL

Nordotoschia, now genus of Early Devontan Rhynchocelli-dae. S.V. Cherkosova. Uch zap. NIKIA. Sor. "Palacid i biostr." no. 10:70-92 [65].

### RHYTHM

Characteristics of the reading of verse by V. V. Malakov-skii, E. D. Dmitrieva, Nach, shkola 35 no. 2:21-24 F 167.

### RIBONUCLEASE

Effect of proteins on ribonuclease activity inclease coa-

Effect of proteins on ribonuclease activity incitate coaccevate, K. B. Surebaowskan, N. V. Vantileva, Duki, AN SSSR 197 no. 2:457-460 Mr 196,
Partification of extracellular nucleodepolymorases of Serretia marcoscoms. I. B. Lashchtuskaia and others. Mikrobiologiia 35 no. 6:1094-1090 N-D '66.
Ribonuclease effect on nervous activity in Pianaria, A. N. Cherkashin, J. M. Sheiman, Doki, AN SSSR 11, no. 4:996-998 D '66.

Thermal modification of panereatic ribonuclease. T. A. Moskvitina, E. J. Budovskii, Doki, AN SSSR 171 no. 4: 999-1001 D 160.

### RIBONUCLEIC ACID POLYMERASE

Dynamics of RNA synthesis by partially purified RNA polymerase from rat liver, L.L. Votrin, S. S. Debov. Doki, AN SSSR 167 no. 2:448-460 Mr 166.

### RIBONUC LEO PROTE INS see Nucleoproteins

#### RIBOSOMES

Cytophotometric and interferometric study of extraorbital gland in rats following inhibition of tibesemal RNA synthesis by autantin N.V. Nethatva, V. N. IArygin, Arkh anal., glat tembr 51 no. 19:87-91 O 166

#### RICE

(see also subdivision under Japan)

Cultivating a flooded rice field. Tekh, v sel'khoz. 26 ro. 12:7-10 D '66.

Rice, M. Ivanov, Zakup, sellkhoz, prod, no. 8:29-31 Ag 166

### RICE-DISEASES AND PESTS

Aphelencholdes bessey! Christic, 1942 (Nematoda, Aphelencholdidae) and its control I, V, Tikhonova. Zool ziur 45 no 12:1759-1766 66

### RICE-MILLING

The new rice mills. M. Nezlobin Zakup, sellkhoz, prod. 10, 11, 24-25 N 166.

### RICE HARVESTING MACHINERY

Studying the operating quality of machines in harvesting rice by various methods, N.G. Azovtsev. Dokt TSKHA to 44 101-107 159

#### RICKETS

Electrocardiogram in rickets, D. V. Albegova, Shor, rauch, trud, SOGMI no. 10 78-82 161

### RIEU, HENRI, 1721-1707

Voltaire as theatrical producer 1...S Gordon, Nauch. dokl. vys. shkoly, filol naukl 5 no. 1:129-137 162.

### RIFLE RANGES

Riffe range. IU. Kaminskii, Voen, vest, 41 no. 0:112-115 Je 61,

RIFLES
A new small-catther rifle, I, Dlinkov, Voen, Ann. 43
no 1-40 Ja '57.

Russia (U.S.S.R.) Ministerstvo oborony. [Manual on musketry; the 7.62 mm. Kalashakov sabmachine gun (AK)] Nastavlente po strektovomu delu; 7,62-mm avtomat Kalashakova (AK). Izd.3., ispi 1dop. Moskva, Vocalzdat, 1067. 171 p.

### RIGA-AERONAUTICS-STUDY AND TEACHING

From a technical school to the Institute of the Engineers of Civil Aviation. A. Polmazov, I. Khakhan'ian. Av. 4 kosm. no 2,60-01 I '67.

### RIGA-APARTMENT HOUSES

Institute of the Organization, Mechanization, and Technical Assistance for Construction, organization of large-panel construction methods for a residential block in Riga, R.N. Astyatsatur'ian 1/v ASIA no 3 120-130

## RIGA—BLOOD—DISEASES

Results of five-yants! observations on hemotological patients in Rigs. A.G. Pinus. Probl. gemat. i perel. From 10 no. 12:55-58 D 165.

### RIDA-CATHEDRALS

[Riga Dom] Rigas Doms, Riga, Liesma, 1966, 63 p. (chiefly lilus.) [In 5 languages]

### RIGA -- CONSTRUCTION INDUSTRY---MANAGEMENT

Shein, L. E., B.S. Levi, and A.V. Arkhipova. [Initial experience in introducing a plan for scientific labor organization on the construction sites of the "Rigazhlistrel" Trust! Por vyi opyt vnedronita plana NOT na streikash tresta "Rigazhlistrol." Riga, Latvilskii respubl. in-t nauchno-tekna, laformatsii i propagandy, 1966. 19 p. (Listok tekhnicheskoi informatsii)

### RIGA-COOPERS AND COOPERAGE

Electric butt wolding of the ends of steel rings. S.I. Fotolokov. Ryb. prom. no. 53:70-71 '80.

RIGA-RAILROADS-DUILDINGS AND STRUCTURES Using hipped structures in transportation buildings. 1.1. Kazarnovskii, Transp. stroi, 16 no. 4:23-24 Ap '66.

### HIGA-INDUSTRIAL MANAGEMENT

Tabore, B., and G. Berzin'eli. [The essence of work on scientific organization of labor in industry] Osnovnoe soderzhanto raboty po NOT na proizvodstve. Riga, LatiNII, 1968. 33 p. diagrs, insort (Listok tekini-cheskoi informatsit: Nauchnata organizatsiin tauda)

### RIGA-RAILROADS-CARS

Chevachin, V.A. [Scientific labor organization in the Niga Car Building Plant] Nauchmain organizatella truda aa Rizhekom vagonostroliol'nom zavode, Riga, Latviiskii respubl. in-t nauchno-tekin, informatelli propagandy, 1908. 22 p. (Nauchmain organizatella truda)

### RIGA-REVOLUTION OF 1905

Fighters, A. Shamaro, V. Zarina, Mol. komm, no. 4: 34-43 '06.

RIGA—SCIENTIFIC APPARATUS AND INSTRUMENTS The "Nauka" store, V. Kolodzeck, Mat, -tekh, snabzh.

### RIGA-SERVICE INDUSTRIES-HANDBOOKS, MANUALS, ETC.

Idivian S.S.R. Glavnoe upravienie bytovogo obsluzbiva-nita naselenita [The service industries in Riga] Byto-voe obsluzbivanie v Rige Riga, Zvalgzne, 1988. 60 p

### RIGHT OF PROPERTY

"Consumptive" function of property rights on residential buildings, T B, Gekker, Trudy Itt, inst, nar khoz, no. 1:307-315 166.

### RINGS (ALGEBRA)

Integral representations of one order A V Roiter.
Lev. AN SSSR, Ser. mat. 30 no 6 1315-1324 166.
Multiplicative semigroups of a class of rings without
zero divisors. E G. Koshevol Alg. 1 log. 5 no. 5 4954 166

Rings of operations and Adams-type spectial sequences in ortraordinary cohomology theories. U-Cobordisms and the k-theory S. P. Novikov Dokl AN SSSR 172 no 1:33-36 Ja 167.

Rings with commutating idempotents, V.N Salii, Teor, polugi, i ee prilozh, no. 1/279-285 '85

### RINGS, STEEL

Rechable of manufacturing assembly rings. V. Kole-khov, V. Diachenko, L. Skilar. Prom. stroi, i inzh. soor. 8 no. 6:20 N-D '66.

#### R ISERS (FOUNDING)

Alimov, E.V., and A.A. Brechko. [Heat-insulating sleeves for risers on steel castings] Teploizoliatsionnye oblitsov-ki pribylei stal'nykh otlivek Leningrad, 1966 19 p. (Leningradskii dom nauchno-tokhulcheskoi propagandy. Proizvodstvennyi opyt. Serila Progressivnoe formoobrazovanie)

Determining speeds and directions of currents in rivers by actial photographic surveying. B. Rodionov. Grazhd. av. 12 no. 10:30 O '55.

### RIVERS-AQUATIC WEEDS

Factors of overgrown nature of water currents, E A. Leonov Sbor, rab. po gidrol no 6:55-62 466

### RIVERS-REGULATION

Floating self-propolled crane for channel maintenance niver attenna. G V. Shkol'nikov, V. I. Savvin. Sudostrocnie 27 no.1:17-20 Ja '61.

Methodology for determining normissible speeds of dynamically stable a lverbed during movement of allu-viums in form of bottom tendency. A. Sh. Bareklan viums in form of bottom tendency. A. Sbot. rab pa gldrol no. 6.63-68 '66.

Straightening meanders in connection with the regulation of stream channels. G. A. TSoi. Trudy TIHMSLH no. 15 97-116 '60.

### RIVERS-SEDIMENTATION AND DEPOSITION

Pactors of overgrown nature of water currents, E.A. Leonov Shor, rab po gldrol, no. 6 55-62 166,

Methodology for determining permissible speeds of dynamically stable riverbed during movement of allu-viums in form of bottom tendency. A. Sh. Barckian, Sbor, rab, po. gldrol no. 6, 63-68, 166.

ROACH (FISH) see subdivision under Caspiau Sea; Rybinsk Roservoir

### ROAD CONSTRUCTION

(see also subdivision under France; Moscow Province; Uzbekistan; Vladimir Province)

Concrete for roads made of crushed Hmestone. O. A. Vinogradova, N. G. Manenov. Avt. dor

Improving concrete placing machines. P. Peterburgskii, Avt. dor. 24 no. 11:25-26 N 161.

Toward new successes. Avt. dor. 24 no. 11:1-2 N 181.

### ROAD CONSTRUCTION-ACCOUNTING

Standard method of planning and accounting in read con-struction. M Kniazhinskii, N. Iziumov. Ekon. stroi 0 no.1:31-33 Ja 167.

ROAD CONSTRUCTION—CONGRESSES see subdivision under Baltic region

# ROAD CONSTRUCTION-TECHNOLOGICAL INNOVA-

[Fundamentals of automating production operations in road construction] Osnovy aviomatizatest protevodstvennykh protessov v dorozluom strotic/stve. [By] V.I.Koly-shev i dr. Moskva, Transport, 1966. 222 p.

ROAD CONSTRUCTION WORKERS see subdivision under Azerbaijan

### ROAD MACHINERY

(see also subdivision under France)

Pstablishing an index of building and road machines. A. IA. Gurevich. Stroi, i dor, mash. 6 no. 12:23-25 ROAD MACHINERY-BIBLIOGRAPHY see Bibliography-Road machinery

ROAD MACHINERY-MAINTENANCE AND REPAIR

Repair of shaft diesel hammers. A.S Zinov'ev, Mekh. stroi 23 no. 12 17-18 D 166.

ROAD MACHINERY INDUSTRY-MANAGEMENT see subdivision under Chelyabinsk

[Atlas of motor highways of the U.S.S.R.] Atlas avtomo-bil'nyk dorog SSSR Moskva, Glav upr geodezii i kar-tografii MG SSSR, 1966—168 p

### ROAD ROLLERS

Design of a motor-powered wheel with an electric drive for an automotive pneumatic roller, E.N Baranov and others. Avt prom. 32 no 12 20-31 D 166

#### ROADS-ABSTRACTS

[Highways] Ref. zhur. Avt. dor. nos. 1-2 Ja-F '67.

ROADS-INTERCHANGES AND INTERSECTIONS Stetstuk, L.S., L.A. Keroglu, and T.I. Karpushina,
Highway functions and their effect on traffic safety) Uzly aviomobil'nykh dorog i ikh viliania na bezopasnost' dvizheniia. Moskva, Transport, 1967. 61 p.

ROADS, CONCRETE see subdivision under Czechoslovakia

#### ROBOTS see Automata

#### ROCK DRILLS

Experimental determination of static discharge characteristics of valve couple of retroacting hydraulic per-cussion drill I.N.Buianovskii. Izv.vys.ucheb.zav.; neft'i gaz 9 no 8;57-61 '66.

Leikin, B.V. [Using thermal drills for working frozen ground and for crushing boulders; from the experience of the Administration for Mechanization of Construction of the Gammistration for Mechanization of Construction of the Glawmurmanskstrol] Primenenie termoburov dita razrabotki merzlykh gruntov i droblenita valenov, iz opyta Upravlenita mekhanizatsii stroitel'siva Glavmurmanskstrota Moskva, izd-volit-ry po stroitel'stvu, 1966.

14 p (Novosti stroitel'noi tekhniki)

### ROCK DRILLS-ELECTRIC DRIVING

Possibility of using dynamometric drills in determining indices of coal resistance to breaking and cutting. E. G. Kolesnikov and others. Mash, i obor, dia mekh i avtomatiz, trud, prots, y ugoli, prom. no. 2 1/2-126 165

### ROCK DRILLS-LUBRICATION

Ways of increasing service life of pneumatic mining machines and mechanisms. G T IAmkovot. I vys. ucheb zav., gor. zhur. 6 no. 9:89-94 165

ROCK MECHANICS-STUDY AND TEACHING Science of "Rock Physics." A. P. Dmitriev. L. N. Zav'-falov. Izv.vys ucheb.zav.; gor.zhm. 8 no 10:164-166 "05.

### ROCK PRESSURE

(see also subdivision under Donets Basin)

Breakage of coal ledges by pressure. G.I.Zhabin, B.IA. Ledovskil. Izv.vys.ucheb.zav.; gor.zhur. 8 no.10; 3-8 65.

liffluence of the wetting of a coal massif on its stressed state V. I. Murashev. Ugol* 42 no.1.58-60 Ja '67.

Lateral thrust and selection of efficient systems for liming major workings at deep levels. P.IA, Galushko. Izv.vys ucheb.zav.; gcr.zhur. 10 no.1;26-33 187. Lining major workings in deep Donets Basin mines IU. Z Zaslavskii. Ugoli Ukr 7 no 3:4-8 Mr 163.

Manifestation of rock pressure in longwalls equipped with stoping units. V. L. Popov. I. S. Krashkin, B. I. Gri-tantuk, Izv. vys. ucheb. zav., gor. zhur. 8 no. 10:9-14

Results of studying natural pressure of massifs of frac-tured rocks of mountain slopes, V. M. Kutepov. Vest Mosk. un. Ser. 4 Geol 21 no. 6 71-76 N-D 166.

Rock pressure on casing columns, IU A Pesliak, K.V. Ruppeneit Nauch, -tekh. sbor, po dob nefti no 8 3-8

Studying deformation properties of foundation bed of arched dam of inguri Hydroelectric Power Station, K. L. Ter-Mikaelten, Osa., fund, i mekh, grun, 8 no. 5:20-22 105.

### ROCK PRESSURE-MEASUREMENT

Measuring rock pressure in major horizontal mine work-ings. I. M. Erofeev, I., A Miroshnikova, T. N. TSai, Shakht, strot. 10 no. 12:12-13 D 188.

ROCK PRODUCTS see subdivision under Maritime Territory

### ROCKET (PLANT)

Megasporogenesis in Hesperis steveniana DC. G. B. Rodionova, Vest. Mosk, un. Ser. 9; Biol., pochv. 21 no. 5;68-72 S-O '66,

### ROCKS

- (see also subdivision under Carpathian Mountains, Dnieper - Donets Lowland, Tuya Autonomous Province)
- Comparative data on the determination of elasticity of stone meteorites and certain rocks -K/M Aleksieleva  $V_{\star}V_{\rm e}K_{\rm F} \approx 15^{\circ}$  . Goof zhir -21 no 2/69-73/61
- Estimating thermoclastic stresses of rocks in walls of no ased holes ALG. Aliev and others Net who no 10 H-15 O 466
- Resolving power of radiocomparison and radiogoniometry method in mapping tocks. IU B, Shaub Lev AN SSSR. Fiz zem no 12 67-70 166

### ROCKS-CLASSIFICATION AND NOMENCLATURE

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ROCKS-ELASTIC PROPERTIES see subdivision under Krivoy Rog Basın, Ural Mountains

### ROCKS-FRACTURE

- Certain characteristics of rock breaking during dynamic penctration of roller bits N. M. Fillmonov, M. R. MavHutov Izv.yys.ucheb.zav , got /hut. 8 no.10.81-83 65.
- Character of the process of rock breaking unter the action of pulse loads L. K. Saviasov Ezv vys ucheb zav , gor. zhur. 8 no 10-76-80 '65.
- Effect of blasting upon a massif and filtering properties of rocks V K Rubtsov Vzryv delo no 61/81,34-43 '66.
- Geometry of the propagation of cracks due to rock fracturing as the basis for selecting length of roller bit teeth. N. A. Kolesnikov Izv.vys ucheb zav., gor zhan 10 no 1,82 -84 '67.
- Studying the breaking of hard rocks by hydraulic wedge method IU, A. Dankov. A IA, Krasikov Izv.vys. ucheb. zav., gor. zhur. 10 no 1,101-104 '67

#### ROCKS-MAGNETIC PROPERTIES (see also subdivision under Queen Maud Land)

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- Methods for simultaneous determination of Young's modulus and the coefficient of theirmal linear expansion of rocks V. S. IAmshchikov, G. N. Dobrovol'skii
- Universal equipment for determining the bearing capacity of rocks with the help of flat and spherical dies Degtiarev, S N Prusov, Ugol' 37 no.12 29-31 D '62

# ROCKS—THERMAL PROPERTIES (see also subdivision under Caucasus; Donets

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min. ob-va 90 no 142-49 461.

### ROCKS, CARBONATE-ANALYSIS

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ROCKS, CRYSTALLINE AND METAMORPHIC see subdivision under Dzhugdzhur Range, Stanovoy Range

### ROCKS, IGNEOUS

- (see also subdivision under Azov Sea region, Caucasus, Northern; Dniepor Valley; Gissar Range; Kola Peninsula, Konka Valley, Sweden, Ural Mountain region, Ural Mountains; Yenisey Rango)
- New data on the mean value of the composition of igneous rocks according to S R, Nockolds S, D, Chetverikov Birl MOIP Old gool 36 no. 3 141 My-Je 181
- Problem of origin of nepheline-pytoxene rocks in alkaline uitrabasic massis. E. A. Landa. Zap. Vses. min. ob-va 95 no.6:652-664 '66
- Radiocarbon in wood from areas of recent volcanism. L.D. Sulerzhitskii, V.S. Forova, Dokl. AN SSSR 171 no. 6 1421-1423 D '66,

- Regional problems of volcante plutonic formations and their ore potential E.K Ustriv Irv AN SSR, Scigeol no 1140-134 Ja '67,
- geor no 1130-131 Jd. '0f.'
  Sudovikov, N.G. [Problem of rapakivi and late or ogenic
  Intrusions] Problema rapakivi i pozdneor ogennykh
  intrusii. Moskva, Nauka, 1967. 116 p.
  Temperature of boron-bearing solutions in areas of
  development of distolite-bearing scharms in contact halos
  of small intrusions. N.G. Rodzinnko. Lzv vys ucheb
  zav. gcol. 1142v. 10 no 136-13 da '67.
- Theory of contact the mometamorphism in rocks. G. S. Kiavtsov Trudy TGU 161-118-129 '63,
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- New achievements of the Soviet lithology; awarding of the Lenin Frize for 1960 to Academician N. M. Strakhov for his book "Principles of the theory of hthogenesis. G.I. Bushinskii, Bull MOIP Old.gool if no 5 123-124 S-O '61.
- Possible rapid methods for determining drillability of sedimentary rocks in relation to their occurrence dupths E. L. Stetiurha. Izv vys ucheb zav , neft i gaz 0 no 8

### ROCKS, SEDIMENTARY-ANALYSIS (see also subdivision under Baikal, Lake)

- Lithological division of the cross sections of drill holes based on laboratory radiometric data, M. I. Tolstof. Geol vhur. 19 no 6 51-60 159
- Probabilities of electron-microscopic study of sedimentary rocks L G. Rekshinskaia Vest Mosk un Sci. 4: tary rocks L G, Rekshinskaia Geol 21 no 6 77-86 N-D '66
- ROCKS, SILECEOUS see subdivision under Perm Province
- RODENTS-DISEASES AND PESTS see subdivision under Soviet Far East

### RODENTS-PARASITES see Parasites-rodents

#### ROLLING (METALWORK)

- (see also subdivision under Magnitogorsk, Novokuznetsk) Characteristics of the behavior of IKh21N5 I steel during hot rolling. A A, Rivkin, R, G Shin, Shor, trud, ASNIICHM no 41146-153 '66,
- Cleaning the surface of cold rolled steel with aprays of nikaline solutions. M. I. Morkhov, K. A. Pgorova, J. M. Davydova, Stall 21 no. il 1051-1056 N. 161,
- Determining coefficients of deformation during rolling in breakdown passes, N.Kh Davil'bekov no, 260 46-19 '65
- no, 200 40-18 '0h

  Determining the angle of neutral section from projection diagrams of contact at eases during rolling VG. G. G. Ostaval'd. Shor trud, TSNIICHM no. 14 57-73 '6h. Diagram for synchronizing the speed of steel casting and rolling N.M. Kariakin, A. I. Karlov, Shor, trud, TSNIICHM no. 44 154 158 '66
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- Propering bimetals by hot rolling in vacuum, V. S. Smirnov and others Trudy LPI no 260-22-27 '05 Production of low T-sections for wetded broad flange beams, A. A. Kazimirov, A. A. Nefedov. Stat! 21 no. Itbeams, A. A. Ka. 1001-1005 N 181,
- Production of semikilled sheet steel. I. G. Kazantsev and others. Stall 21 no. 18:979-981 N '61.
- Rolling of plates of KhN67VMTIU alloy. A. I. Grishkov and others. Shor, it ud. TSNHCHM no. 44,117-123 168.

- Selecting an efficient shape of large sheet ingots 1 D Kuzema Stall 22 no 5:132-139 My '62
- Straightening thin-walled molybdenum shapes by stretching, K. N. Bogotavlenskii, V.G. Khoroshailov, V.V. iti Trudy LPI no 260-88-92-962
- Studying plastic forming processes using the "molecoffeet" method P. J. Poluklim and othern, 12/3/3/4 uch b. 2022, chera met. 10 no 1/1-77/367.
- Temperature conditions and grooving of rolls that ing the skin pass rolling of sheet steet. M. I. Bohershines, A. F. Plinenov. Staf. 22 no. 5, 49-444. My 162. Theoretical study of irregularities of deformation during cold thin-sheet rolling. A. I. Khotoudian skir. 178, vys. ucheb. zay., then it, met. 10, no. 1 104-122. Oct.
- Prying out the combination of continuous con

### ROLLING (METALWORK)—DEFECTS

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#### ROLLING (METALWORK) .-- TABLES, CALCULATIONS, ETC.

Methods of solving problems on shape changing shi inprolling simple shaped sections. Report No. 2. H. I. Khaikin and others. Ezv. vys. ucheb. zav., chebs. in: 1.10. no. 170-36 [67]

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- Determining parameters for acting up the system of automatic control of sixty thicknesse in finishing stand of continuous hot rolling milin. V. M. Bui doi. D. A. Molgachev. Shor, trud. TSNICHM. 20., 44-32, 40. 46.
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- Designing sheet mills. P 1 Grudev. StaP 22 no. 5:147 My 162.
- Heat treating section of the 2800 plate steel rolling mail I. Rospanienko, V. P. Kulikov. Stat' 22 no 5 457 460 My 162,
- rechnological bases for automatic determination at permissible reduction during one poss in plate relling on two-high reversing stands, V. M. Galiatin, D. B. Kalinskil, Shor, trud. TSNICHM to 44267-176 30.

### ROLLING MILLS-ELECTRIC DRIVING

Experimental study of torque distribution in spinale; and of louses in the main line of toyor sing colling mill stands. B M. Gallatin, D. N. Kalinskii, I. P. Kuro (Ed.) Shor, trud. FSNICHM. no. 44177-179 466.

### ROLLING MILLS—EQUIPMENT AND SUPPLIES

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### ROLLS (ROLLING MILLS)

- Experimental investigation of conditions of correspondence between rolling in breakdown passes and on a smooth barrel. N. Kh. Davilbekov, G. Bush. Trud-LPI no. 260 50-54 '65.
- influence of certain factors on the filling of flange roll passes. 10, M Chizhikov, A.A. Rivkin, Shor, trail, TSNIICHM no. 44-100-109 '66,
- TSNICHM no. 44-100-109 (0).
  International Cathyratton Conference, Cliwice, 1963.
  [Grooving of rolling mill rolls; materials. Translated from Polish] Kathrovka prokatnyth valkov, materialy. Moskva, Motallurgita, 1965. 285 p.
  Investigating the hardened tayor of rolls for the cold
- rolling of a steel band, V. C. Borisenko, S. A. Ryshka, A. M. Serebrennikov. Stail 22 no. 5/452-454 My *62

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### ROMASHRINO OIL FIELD-HYDROGEN SULFIDE

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### ROMABIRINO OIL FIELD-BEALING (TECHNOLOGY)

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TI 4 ANTURE CALLA Ruberold machinobzor. Moskva, 1965. 62 p. dennosti stroitel'. nykh materialov)

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[Space roof structures, a collection of scientific works]
Prostranstvennyc konstruktsti pokrytit; sbornik nauchnykh rabot. Leningrad, Strolizdat 1966, 97 p.

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Popalbilities of reducing snow loads on flat roofs. V.A. Othavney, L.S. Rozenberg, Prom, stroi. 44 no. i2: 28-32 166.

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Calculating for shear force of slabs of short cylindrical precast and cast-in-situ-shells, A. Liberman, F. Stakovichenko, M. IAnkelevich, Prom. stroi, i inzh. scor. B no. 6:17-18 N-D '66, Blas of -

mens for roots of industrial buildings, experience of construction and assembly trust No.1 of the Glavkiev-strol of Ministry of Construction of the Ukrainian S.S.R. strol of Ministry of Construction of the Ukrainian S.S.R., and of the Scientific Research Institute of Structural Elements of the State Committee on Construction of the Council of Ministers of the U.S.S.R. Izgotovlenie krupnorazmernykh tonkostennykh panelel-obolochok razmorami 348m dlia pokrytiia promysniennykh zdanti, opyl stroitel'no-montazhorogo tresta No.I Glavkievstrola Ministersiva stroitel'stva USSR i Nil stroitel'nykh konstrukteli Gosetrola SSSR. [By] A.A.TSeitlin i dr. Moskva, Shrolladat, 1965. 23 p. (Novosti stroitel'noi teklniki SSSR)

### [MICROFILM]

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#### ROOTS (BOTANY)

Characteristics of 100t system structure in root sucking perennials from fam Boraginaceae of Kara Kum desert M Akyeva Izv, AN Turk SSR Ser, biol. nauk no. 5:33-

Development of almond 1 oot system in dry regions of castern Georgia (Skiraki Steppe). N. N. Dregadze, M. E. Sokhadzo, Soob, AN Gruz, SSR 41 no 3;721-725 D '66.

Effect of nutrient envir ownent on respiration of grapevine roots. M.V. Kikvidze. Soob AN Gruz. SSR 44 no.2; 437-130 N '66.

Growth and development of root systems of out and yellow fodder lupine in pure and mixed cultures. I N Rakhteenko, R. M. IAhoreva. Vestsi AN BSSR, Ser bitel nav no 3,27-34 166

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Sucking activity of root systems. Z.A. Mel'nichenko, Uch. 2ap. GGU no. 50;113-118 '59.

### ROPE

ROFE problems concerning the dynamics of the rope tightning process, IU M, Vinter, Nauch, -issl trudy TSNILV 21,85-92 '66.

Study of the properties of synthetic fibers used in the manufacture of twisted items. T. A. Gorshkeron. Nauch. -issl.trudy TSNIILV 22:42-153 | 66.

Testing the LF-600-P drawing machine in the drawing of homp slivers in the rope industry. V. A. Petrova Nauch, -issl trudy TSNILV 21,76-84 466.

Transient processes in the tightening mechanisms of the rope industry. IU, M. Vinter. Nauch. -issl. trudy TSNIILV 21 92-98 '66.

### ROSE BENGAL

Evaluation of a new Soviet preparation rose bengal; data on the experimental use under normal conditions and in radiation sickness. V V. Sedov and others Med, rad, 7 no 10:15-21 O '62,

Liver function tests using I¹³¹-labeled rose bengal, M.N. Fatoeva and others. Med. rad. 7 no. 10 3-8 O 162

Methodology for sennaing the liver with J131-labeled rose bengal in oncology M.A. Volkova, N. V. Obukhov, V. Z. Agranat. Med. 1ad. 7 no. 10 8-15 O 'G2.

Growing grafted damask rose, V.V. Dornovich, Masl. - zhir, prom. 33 no. 1:26-27 Ja 167.

## ROSS, EDWARD ALSWORTH, 1866-1951

Ideologist of American racism, V. V. Kolobkov. Nauch, dokl. vys. shkoly; files, nauki 4 no. 1:52-56 '61

# ROSTOV-ON-DON-AGRICULTURAL MACHINERY INDUSTRY-MANAGEMENT

Transfer of 'Rostsellmash" Plant to new conditions of planning and material stimulation B P Popox Bul tCkh -tFou inform Gos nauch -1951 inst nauch i tckh inform 19 no ll 61-63 N (66

### ROSTOV-ON-DON-BRIDGES

Building a highway bridge across the Don River in Rostoy IU. M. Miti chanor, G. I. B. Ho, V. M. Epshtein Transp. stron. 16 no 2.8-12 F '68.

## ROSTOV-ON-DON-HUMANITIES

Rostovskii gosudarstvennyl universitet. Scholarly sludies of 1963, series in the humanities Nauchnye soobstcheniia za 1963 god, seriia gumanitai nykh nauk. [Rostov-na-Donul 1964, 139 p.

## ROSTOV PROVINCE-ANIMAL PRODUCTS

Obstacles in the procurement of ray materials V Rotshtein. Zakup sellyhar prod, no ll 41 H 66

### ROSTOV PROVINCE—COAL MINES AND MINING— MANAGEMENT

[In a common sector of work] Na cdinom uchasike. [Ro-stov-na-Donu] Rostovskos knizhnos izd-vo, 1963. 75 p

### ROSTOV PROVINCE—GROUND SQURRE LS—EX-TERMINATION

From defense to attack B, Sorokin, Zashch, rast, 12 no. 1 11-13 167

### ROSTOV PROVINCE-RRIGATION FARMING

Mare better use of irrigated lands in Rostov Province P. P. Andreev, A P. Terekhov Guir, i mei. 11 no. 5 33-37 My 152

### ROSTOV PROVINCE-MERCURY ORES

Some characteristics of mercury potential of coals of eastern part of Donets Basin (Rosto, Province). A.G. Dvomikov. Doki. AN SSSR 172 no.1,199-202 Ja '67.

# ROSTOV PROVINCE—RURAL CONDITIONS

Initiative is developing in practical work. D. Boillo. Part, 2high' no. 2-32-35 Ja '67

### ROSTOV PROVINCE-RURAL CONSTRUCTION

Not by bread alone. . I. Kuidin, E. Volchenko. Sov profsoluzy 23 no 1:20-21 Ja '67

### ROSTOV PROVINCE-WOOL

Increase responsibility for the quality of wool,
IA. Mikhailov. Zakup, sell-hoz, prod, no. 12:36 D 466.

ROSTOV UNIVERSITY
Belozerov, S.E., ed. [Rostov State University, 19151965, articles, memoirs, documents] Rostovskii gosudarstvensty universitet, 1915-1965, stat'i, vospominaniia,
dokumensty. [Rostov-na-Donu] Izd-vo Rostovskogo univ.,
1965. 356 p.
(MH)

### ROTARY KILNS see Kilns, Rotary

### ROTARY PUMPS-DESIGN AND CONSTRUCTION

Studying the process of feed regulation for double-acting impeller pumps V IU Engel!. Izv.vys.ucheb.zav; gor.zhur. 10 no.1;11-117 '67.

### ROTATING AMPLIFIERS

Ankhimiuk, V. L., and O. P. H'in. [Designing of automated electric drive systems with amplidyne amplifiers]
Raschet sistem avfomalizirovannogo elektroprivoda se elektromashimynu usiliteliami. Minsk, Vysheishaia shkola, 1966. 232 p.

Concerning the distribution of magnetic inductance in the air gap of multistage transverse field amplidynes. V Mamedov. Shor rab, po vop, elektromekh. no. 4 112-122 160

### ROTATING BODIES

Systems containing a small parameter. L D. Akulenko, Zhur vych, mat i mat fiz. 7 no, 1208-214 Ja-F 167

### ROTATING DISKS see Disks, Rotating

### ROTATING MASSES OF FLUID

Half-space potentials for equations describing the motion of a rotating fluid. Dokl AN SSSR 172 no. 3 533-536 Ja '67.

### ROTATION OF CROPS

(see also subdivision under Orenburg Province)

Crops preceding spring wheat in crop rotations in Irkutsk Province, M A Balabolin Izv ISKHI no 24:134-148

How the periodical "Sam sebs agronom" explained the advantages of the three-field system. M.Ingor. Zemledelte 29 no.1:76-77 Ja '67.

Moisture conditions of soils in field crop rotation. V F. Masalov, Izv ISKHI no 24-149-160 '62.

Soil moisture in grain-best crop rotation. L.G. Zakhar-chenko. Pochvovedenie no. 3-34-41 My 160.

#### ROTATIONAL MOTION

Rotational motion of a ball in an clastic medium. A I Babichev 12v AN Ur SSR, Ser, tekh nauk 10 no 6, Babichev 55-59 | 66,

#### ROTORS

Using elastic supports in flevible 1 otors M. F. Zeitman Mashinovedenie no 1:57-67 Ja-F '67.

### ROTORS-VIBRATION

Stability and forced vibrations of rotors with hydrestatic bestings E. C. Malakhovskii Mashinovedenie no 1, 68-76 Ja-F '67.

ROUNDWORM see subdivision under Moldavia

### ROVNO PROVINCE-PHARMACY

The best pharmacy collectives in Royne Province, V A. Tkachuk, IU.S. Shumakov Farmatscy, zhur. 17 no 2 66-73 '62,

ROZANOV, IVAN NIKANOROVECH, 1874-1959—BIB-LIOGRAPHY see Bibliography—Rozanov, Ivan Nikanorovich, 1874-1959

### ROZDOL REGION (UKRAINE)-VOLTAITE

Voltaite from a tidation zone of Rozdol sulfur deposit. B L.Siebrodol'skii Min. sbor 20 no. 1 115-119 '66,

#### RUBBER-TESTING

Dependence of the coefficient of dissipation of the energy of vibration from the amplitude of vibration for the sub-ber of shock absorbers, V. A Kudriaylsey. Kauch 1 ber of shock absorbers, rez 26 no. 135-36 '67.

### RUBBER, RECLAIMED

Use of centrifuges and hydrocyclones for the separation of a water dispersion of rabber. G N Zachesova and others. Kauch 1 rez. 26 no 1 29-52 167

#### RUBBER, SYNTHETIC

Characteristics of dewatering emulsion copolymer lub-bers in worm plesses. E C, Lazariants and others, Kauch l rez. 28 no. 18-9 '67,

Effect of aidehydes on the molecular weight distribution in SKMS-ZORP rubber. N.D. Veiseiskaia, V.A. Beliakova, Z.G. Zemskova Kauch. i 1 (2. 25 no. 12 43-44 166

Fifeet of the addition of liquid SKD-10 polymer on the technological properties of mixtures obtained on the basis of 100% SKD. V. G. Ppshtein and others. Kauch i rez 26 no. 143-14 467.

Study of the process of reinforcing subber with various fibers. R. Sh. Frenkell and others. Kauch, trez. 25 no. 12:20-22 166.

Synthesis of perovide rubbers and production of sulfur-free vulcanizates on their basis. T. I. IUrzhenko and others Kauch, i rez 25 no. 12 6-8 166.

Use of the compound of SKD rubber with neoprene in the production of technical rubber goods. E. R. Koldunovich and others. Kauch free, 25 no. 12:11-13 166

Use of urethane rubber for the manufacture of spike heet taps for women's footwar. M. A. Albam and others. Kauch, i 1ez. 26 no. 1/26-26 167.

Vulcanization of electomers with catts of methacrylic acid. A. A. Dontsov, V. E. Mikhlin, B. A. Dogodkin, Kauch. (1922) 26 no. 1:20-22 167

### RUBBER BEARINGS

Economic effectiveness resulting from introducing rubber IRF-1124(IRF-1226) bentings for that in turbed tilts, J. E. Rudsvakli, M. I. Popovetskill, S. A. Ganelina. Mash, i neft, obor. no. 11-34-35 '66.

### RUBBER GOODS

(see also subdivision under Pap (Uzbekistan)

Some factors influencing the strength of rubber scaling rings of the Hydraulic drive. D B Dobrushkin and others. Kauch i rez. 26 no. 1 35-40 167.

Study of some factors determining the functional ability of rubber diaphtagms, M V. Vakorina, Kauch firz,

> Research 50th anni -Hon.

ubber a and

uch, i rez.

ES 560

VITION plants of mov.

and stress rubber 1-29 167.

Unit for recording the performance of rolls. A M. Kuro-chkin Kauch Frez 26 no 151-52 167

### RUBBER RESEARCH-CONGRESSES

ith scientific and technological conference in Yazoslavi M. A Poliak Kauch i rez. 25 no 12 48-49 166

RUBBER TRES see Tires, Rubber

#### RUBBERIZED FARRICS

Use of triallylisocyanurate in the saturation compounds N. V. Beliaeva and others. Kauch, trez, 26 no. 1 33-35 67,

RUBIDIUM see subdivision under Lovozero Tundras

#### RUBIDIUM CHLORIDE CRYSTALS-ELASTIC PROPERTIES

Flastic constants of RhCl single crystals under pressure F.F. Voronov, V. A. Goncharova, T. A. Agapova, Fiz tver tels 8 no 11,3405-3407 N 166.

Temperature indicator using an irradiated ruby VD.
Dobi o'shotov and others. Energomashinostroenie 12
no.11 44-46 N '66.

RUBTSOV, NESTER GAVRILOVICH, 1799-1874 N. G. Rubteov and his role in the epitoration of Brazil. A. I Alekseev, B. N. Komissai ov. Izv. Vses, geog, ob-va. 98 no. 6:500-506 N-D '66

### RUBY CRYSTALS-GROWTH

Distribution of chromium in ruby single crystals grown by the Vernsuil method. E.F. Kustov. P. A. Arsenfev. Izv.vys.ucheb zav.; fiz. 8 no.6.152-153 66.

### RUDENKO, ROMAN ANDREEVICH, 1907-

Conferment of an honorary degree by Karl V University. Sots, zakon no 2,58 F 167.

RUDNYY (KAZAKHSTAN)-CONSTRUCTION INDUSTRY Rudnyy is marching toward the future. V. Vlasov. Mol komm, no 12 60-62 D 61.

RUGS AND CARPETS see subdivision under Vitebsk

### RUMANIA—BIBLIOGRAPHY

[New literature on Rumania] Nov. III, po Rum, no. 2 '67.

Maintenance of engineering structures in Rumania. P.E. Pomogaev Put' i put, khoz. Il no 1 15-47 '67,

### RUMANIAN ART see Art, Rumanian

### RUMANIAN NEWSPAPERS

The press of socialist Rumania A, Mikhailov, F, Fedorov Mezhduani, zhizzi 14 no. 2:154-155 167,

### RUMEN

Cellulose decomposition in sheep rumen as related to physiological conditions, V.A. Moiseev Trudy inst. fiziol AN Kazakh. SSR 10 13-16 168.

Dynamics of feed carbohydrate conversion in cattle rumen in ontogeny T. U.Izmailov, T.N.Nesipbaev. Trudy Inst fiziol AN Kazakh SSR 10,54-55 166

Dynamics of nitrogen protein in cow rumen content in relation to various feed rations. Sh. D. Simbinov.

Free amino acid level in sheep rumen. A. V. Prokudin. Trudy Inst fiziol, AN Kazakh, SSR 10:59-62 '66,

sheep N.U.Bazanova, V.A.Moiseev. Trudy Inst. fiziol.AN Kazakh SSR 10:5-12 166.

Rumination center and its functional relations in cattle. P. M. Kuz'min Fiziol, zhun. 40 no, 3:346-352 Mr 163.

sulfate. P.S. Khrushchova. Vestst AN BSSR, Ser. sel'hasp nav. no.4:78-83 '68

### RUMEN-MICROBIOLOGY

Carbohydrate digestion in cow rumen as related to feeding with microelement-enriched silage. B.N. Nikitin, V. A. Molseev. Trudy Inst. fizial AN Kazalib Cop. 10 V.A. Moiseev. Trudy Inst. fiziol AN Kazakh. SSR 10 22-27 166.

Quantity of microscopic fungl in the rumen of cattle in winter and in summer, V.S. Sivers, Mikrobiol, zhur. 24 no. 5:51-58 162,

### RUMEN-SURGERY

#### RUMANIA-HISTORY

Parklomchuk, S.M. [The Rumanian people conclude the building of socialism] Rumans'kyl narod zavershute budivnytsivo sotslalizmu. Kyiv [Radians'ka Ukraina] 1963. 44 p. (CaOTU)

#### RUMANIA-RAILROAD BRIDGES-MAINTENANCE AND REPAIR

Trudy Inst. fiziol, AN Kazakh SSR 10 17-21 '66,

Relationship of cellulose decomposition in rumon and of

Some indices of the metabolism of the rumen in young cattle in connection with the rate of urea and sodium

Methods for isolating a rumon pouch. V. F. Vrokin. Dokl. TSKIIA no. 45:193-198 159.

## RUMEX

Robation and study of the Rumex confertua WIIIA, glycoside, Report No I, O.K Bahrit Farmators Thur, 18 no 3 17-52 163.

#### RUMINANTIA-PHYSIOLOGY

Methods of studying saliva in ruminants, K.T. Tashee, Trudy Inst, fiziol AN Kazakh, SSR 10 207-209 (4) h

#### RUMINATION

Effect of cerebral cortex stimulation on rumination and motility of multicompartment sheep stomach P. Int. back, N. Toi manov Trady Inst, fiziel, AN hara wh fig. 10 177-184 166.

#### RUNOFF

dese also subdivision under Carpathian Mountains, Central Charnozem region, Crimea, Maritime Territory, Ukraine, Volga Valley)

Determination of water discharge in floodplain hed according to measured speeds of surface 1, 11, 1 pury, Shor, rab pogidrol no 6 49-54 166.

Determining the permeability of soils to water in studying surface ramoff. L I, Rastorguev. Vest. sel'k)[62,4,103] 11 no. 11:107-109 '66,

Possibilities of accumulation of winter runoff by ter layers on rivers V.E Surgutin. Shor rab.po gilled no 6 127-131 166.

no 6 127-13) 166.
Russia (U.S.S.R.) Gosudarstvennyl komitet po delam stroitel'siva. Instructions on the determination of mark mal discharge of meltwaters in the absence or deficiency of hydrometric observations. I Usarantia po opredefenti raschetnykh maksimal'nykh raskhodov dalykh ved priotautsivii iti nedostatochnosti gidrometricheskich midi, denii SN 356-66 Loningrad, Gidrometenirdat, 10 6 14 a diome mans finarti 14 p dlagrs. maps (insert)

Selection of a method for modeling hydrological terrical taking into account runoff distribution within a year's time. A, N, Kilasoniia. Soob. AN Gauz. Sali 41 mil Ja 367-394 N '66.

### RURAL CONSTRUCTION

(see also subdivision under Rostov Province)

Main tasks of tural builders. V. Shvyd ko. Lkon place 9 no.1;16-23 Ja '67,

RURAL CONSTRUCTION-FINANCE see subdivious and a Virgin Territory

### RURAL CONSTRUCTION-MANAGEMENT

(see also subdivision under Karaganda Province, Kazakhstan; Omsk Province, Svordlovsk Province, Virgin Tearitory; White Russia)

Recommendations on Improving the work of medita the 1 anized crews Nat. khoz Kazakh 24 no 12 70 H

## RURAL CONSTRUCTION-MECHANIZATION

Wide recognition makes for obligations 1. Sukharies
Nat, khoz, Kazakh, 24 no. 12:55-50 D '66

### RURAL CONSTRUCTION—SAFETY MEASURES

Balashov, G.M., and N.G. Ivlev. [Protecting the Inter-of rural builders] Okhrana truda sel'skikh strottelei. Moskva, Strolizdat, 1966. 163 p.

### RURAL CRIMES

Characteristics of the investigation of cases concerning the negligent use and upkeep of agricultural must be a Livanov. Sots, zakon. no. 2:52-54 P 107.

For the proper maintenance of agricultural machinets, M. Maksumov, I. Antipov. Sota, zakon. 100, 2150-52 F 167.

RURAL EDUCATION see Education, Rural

### RURAL ELECTRIFICATION

Proposed voltage system for the power supply of and areas, F.Kh. Usmanov. Elektrichestvo no. 1720 d. Ja 167.

Reservation in rural 35-110 kg. power distribution of the works, F. Kh. Usmanov Elek, sta. 37 no.12.44 44

### RURAL LIBRARIES

Lights in the windows of new libraries. I. Petros. Biblioteker' 14 no. 2:51-54 F | 67.

### RURAL PLANNING

Defining size of settlements in rotation to municipal service system. A. Vladimirov. Arkhit, 559H 1.,146-48 '67,

Network of service industries in project for rural distri-planning, G. Rogozhin, D. Dobriak, Anklist, 55-53 no. 1,43-46 167.

New designs for rural commercial buildings, F. Harer boim, V. Muzychkin, Arkhit, SSSR, no. 1:49-51 '67.

## RURAL SCHOOLS

(see also subdivision under Stavropol Territory) The new life of Novozhivotinnoye, V. Sukhaveray, 1987, obr. no. 1:93-99 Ja 167.

RURAL SOCIOLOGY see Sociology, Rural

#### RUSSIA-ADMINISTRATIVE AND POLITICAL DIVISIONS

Rzhevskii, V.A. [The territorial organization of the So-vict state] Territorial nata organization a sovetskogo gozudarstva. Pod obshchef red, I.E. Farbora. Saratov, Privolahskoc knizhnoc izd-vo, 1966. 142 p. (CS-H)

#### RUSSIA-AIR FORCE

"Get rendyl Got" I, Korneshov, Mol. komm. no 10-

Official section, Av. ikour no 18 Ja 167,

Ometal section, Av. i kosm. no. 2:7 1 167

Your work prepares you for future battles. A. Desiatov Komm Voorugh, Sil 17 no 1 bd-66 Ja 167,

### HUSSIA-AIR FORCE-OFFICERS

Idining the collective, A. Pylanov, Av. i koam, no. 2-42-44 P '67.

Our work and minds for the Soviet Power. Av. i kosm.

S. ope and business approach. I. Galdaenko, Av. i kosm. re, 1,13-16 Ja 467

RUSSIA—AIR FORCE—PHYSICAL TRAINING Presided training of air pilota, V Voshchenko, Av. i bosta no. 2-71-73 F 167.

### RUSSIA-AR FORCE-POLITICAL ACTIVITY

Prior the leadership of the party and in unity with our peuple. A. Rytov. Av. (kosin no. 2.2-6. F. 167

### RUSSIA --- ANTIQUITES

Akademila nauk 8888, Institut arkheologii. [Archaeologi-cal discoverios of 1995] Arkheologichoskie otkryttia 1965 goda, Moskva, Nauka, 1966, 197 p. (CaOTU)

### RUSSIA-ARMED FORCES-BUILLOCKAPHY

Fithful and dependable guardians of our country. A. Salt-

### RUSSIA-ARMED FORCES-POLITICAL ACTIVITY

in military regions and fleets Komm, Vooruzh, Sil 47 m., 167-70 Ja 167.

### RUSSIA-ARMED FORCES-REQULATIONS

Cavelleov, F.K. [Organization and planning of instruction, Study of regulations] Organizatiat 1 planizovanie obu-chentia. Izuchente ustavov. Moskva, Voenizdat, 1990 201 p. (Posobie po chechentia molodogo soldata, no. 1)

#### RIESTA....ARMY

Difenders of peace and creative work; an article dedicated to the Soviet Army and Navy Day. R. Bochkurev. Agitator 34 no 2:18 99 Ja 487

From the taiga to the British seas. Nov. yrem. 25 no. 9 1-3 P 167.

### RUSSIA-ARMY-ARTILLERY

Military preparedness is the most important objective. 

### RUSSIA-ARMY-COMMISSARIAT

In the soldiers! mess hall, G. Rabkin. Sov. voin 43 ro, 24:30 D '61

### RUSSIA-ARMY-DRILL AND TACTICS

Cam Jeroen, sons of guardemen, V. Zaivorodinskii, Voen, zann. 43 no. 140 Ja 447,

### RUSSIA-ARMY-FREARMS

Hussia—Curax—rangearms

Hussia (U.S.S.R.) Ministersive oberony. [Manual on musketry; the 7.62 mm. Kalashnikov submachine gun (AK)] Nastavienie po streikovomu delu; 7,62-mm avionat Kalashnikova (AK). Izd.3., ispr. i dep. Moskva, Voenizdat, 1967. 171 p.

### RUMIA-ARMY-INSIGNIA

Audelenko, S. [Chest insignia of the Russian Army] Na-arudnyo zaaki Russkoi Armit. Paris, Tanais, 1868. 227 p. (NIC)

### RUSSIA---ARMY---HISTORY

HOSSIA—ARMY—HISTORY
KOTO!, Mestor, Ukrainar Cossacks, ancestors of the
Miscovite cavalry] Ukrains'ke kogatsive; redenachal'nja kinneho vils'ka Moskevii-Resii, New York, 1963,
96 p. (Naukove tovarystvo im. T.Shevchenka, Biblioteka ukraineznavstva [13])

### RUSSIA-ARMY-MILITARY LIFE

From the beginning of an epoch. V. Otkidacii. Sov. voin. 43 no. 24:31-32 D 101.

### RUSSIA-ARMY-OFFICERS

thicers must have know-how in military technology, N. Aksenov. Voen, vent, 41 no. 6.76-77 Je 161.

### RUSSIA-ARMY-POLITICAL ACTIVITY

A course toward efficiency and enterprise. M. Kotvitskii. Kenum, Vooruzh, Sil 47 no. 1.34-30 Ja '67,

The role of lectures in political studies. N. Karmanov, Komm Vooruzh. Sil 47 no. 1:78-80 Ja '67.

### RUSSIA--ARMY--REGULATIONS

Exercise in the study of service regulations V. Onisiuk, Voen vest 41 no. 6.75-76 Jc 161

### RUSSIA--CENSUS

On some methodological problems of the forthcoming census of the population G Killdishev Vest, stat no t

Our suggestions M. Cherkasova, Vest, stat. no 149-51 167,

### RUSSIA—CENSUS—CONGRESSES

In the Demographic Section of Moscow House of Scholars. 1. Tc:, Vest slat, no. 180-81 167

### RUSSIA-CLIMATE

Manual on the climate of the U.S.S.R.] Spiavochnik po klimata SSR. Leningi ad, Gidrometeoizdat. No 28 [Tambov, Bryansk, Lipetsk, Orol, Kursk, Voronezh, and Belgoi od Provinces] Tambov-skaja, Brianskaja, Lipetskaja, Orlovskaja, Kurskaja, Voronezhskaja i Belgoi odskaja oblasti

oblasii
Pt 2. [Atmospheric and soil temperatures] Temperatura vozdukha i pochly Red.vypuska
N.M.TSvetkova. 1965 233 p
No 29 [Ivanovo, Kostroma, Kirov, Gotkly Provinces, Mari, Udmurt, Chuvash, Mordvin
A.S.S. R.] Ivanovskala, Kostromskala, Kitov-Skala, Gor'kovskala oblasti, Mariiskala, Udmurtskala, Chuvashskala, Mordovskala ASSR.
Pt 2. [Atmospheric and soil temperature] Temperatura vozdukha in pochyy. Red vypuska
S.M.Agafonova 1964, 207 p

### RUSSIA--COMMURCE

Aspects of competitiveness, I Goldina. Vnesh, torg 48 no. II 28 30 '66,

Commercial kaleidoscope. Vnesh. torg. 46 no. 12:43 *66. Commercial operations, 10, Piskulov. Mczhdunar, zhizni 14 no. 2 (56-157 167.

Current problems in planning and developing trade, K, Skovoroda, Plan, khoz, no. 2:10-16 F '57. For steel atteries, P. Birlukov, Vnesh, torg 46 no. 12:

17-10 166,

Poreign trade of the U.S.S.R. in refrigerating equipment and perishable products in 1965

Functions and the role of Soviet trade. A. P. Gokieli. Trudy Tbil. GU 112 253-263 165.

Nikitin, V.M., and V.V.Millov. [Analysis of managerial operations in trade] Analiz knozinisty and defatel nosti v torgovie, Moskva, Ekonomika, 1966. 165 p.

The plant and export. P. Borodin. Vnesh, torg 46 no. 11

Russian racchorses for sale, O. Korolikov. Vnesh torg. 46 no. (2:40-41 166,

### RUSSIA-COMMERCE-MONGOLIA

In the atmosphere of complete mutual understanding, Vnesh torg, 16 no. 11 42 166,

### RUSSIA-COMMERCE-BYRIA

Yahya Arawdaqi: "Negotiations went successfully," Vnesh, torg. 48 no. 12 48 166,

# RUSSIA-COMMERCE-UNDERDEVELOPED AREAS The U S S, R, and the developing countries, M. Pankin Vnesh, torg 46 no. II-10-11 160

## RUSSIA-COMMERCE-YUGOSLAVIA

Soviet-Yugoslav trade relations. Vnesh. torg. 48 no. il-

### RUSSIA-COMMERCIAL POLICY

Lenin on foreign trade monopoly. I. Kovan. Vnesh. torg 46 no. 12:3-8, 16 168.

People's Commissar Krasin's note Vnesh, torg. 46

RUSSIA-COMMUNIST PARTY see Communist Party of the Soviet Union

### RUSSIA-CONSTITUTION

Russia (R.S.F.S.R.) Constitution. [Constitution (funda-mental law) of the Russian Soviet Federated Socialist Republic, with amendments adopted at the fourth session of the Sixth Supreme Soviet of the R.S.F.S.R.] Konstitu-islia (osnovnot zakon) Rossitskoi Sovetskoi Federativnoi Sotsialisticheskoi Respubli. S izmenentismi i dopolnenilami, priniatymi na chetvertol sessii Verkhovnogo So-veta RSFSR shestogo sozyva. Moskva, Ilfrid. lit-ra. 1965. 29 p.

### RUSSIA-CONSTITUTIONAL LAW

Anisimova, T.B. (Constitutional and logal forms of milionalities relations in the U.S.S.R.; a manual for universities of Marxism-Leninism) Gosudarstvenno-pravovye formy natsional nykh otnoshenii v SSSR; dila universitietov marksizma-leninizma. Moskva, Mysl', 1906. 61 p. (Osnovy sovetskogo gosudarstvennogo stroitel'stva i prava)

### RUSSIA—CONSTRUCTION INDUSTRY

A land of new dwellings, facts and figures Agitator 34 no 324 F 167

### RUSSIA -- CULTURE

Cultivated by beauty | Vop lit | 5 no 9 3-12 S | 61

### RUSSIA-ECONOMIC CONDITIONS

Approach to serious research, A Illia Nov. min 38 no 16 262-261 O 162

no 10 262-261 O 62

Berkhin, I.B [Basic stages in the development of Soviet society] Osnovnye etaby razvitila sovetskogo obshchestva Moskva, Znanie, 1967 61 p (Novoe v zhizni, nauke, tekhnike. I Serila Istorila, no 1)

The fiftieth year of great accomplishments Sots.trud 12 no 1/3 -8 Ja '67

For the five-year plan, our labor and energy, visual aid from the materials of the 23d Congress of the CPSU| Platilicike - nash tiud i energitiu, nagiladnoe posoble po materialam XXIII s'ezda KPSS. Moskva, Politizdat, 1966. 16 plates (chiefly diagrs) In portfolio, (CSt-H)

Let us give the 50th anniversary of the October Revolution a worthy reception Part, zhizh' no 3 57 17 167,

Let us welcome the 50th anniversary of the October Revolution in a proper manner, Agitator 34 2-5 Ja 167

Mints, L. E., V. V. Kossov, and E. F. Baranov, eds. [The interbranch balance of an economic region, methodology of preparation] Meznotraslevol balans ekonomic heskogo raiona, metodika sostavleniia Moskva, Nauka, 1987. 329 p.

A nation-wide competition Part, zhizn' no 4 3-7 F #67 The New Peonomic Policy and the contacts of socialist industry with small person forms VI Kuz'min, Vop ist, KPSS 11 no 2 48-57 F '67

The Soviet country on the eve of a great anniversary Vest, stat no 123-13 167

Soviet oconomy in the ner five-year plan. 1U. Belik Nov. vrem. 25 no. 65-7 F 167. Summing-up of the first year of the five-year plan, com-

ments to the report of the Central Statistical Administration P Colubkov. Agitator 34 no 3:6-7 F 167 Year of labor evploits. Fin. SSSR 10 no. 12:3-6 D 166.

RUSSIA-ECONOMIC GEOGRAPHY see Geography.

### RUSSIA-ECONOMIC POLICY

RUSSIA—ECONOMIC POLICY

<u>Balbakov</u>, N. K. [State plan for the development of the national economy of the U.S.S.R. in 1967, a report and closing argument at the second session of the Seventh Supreme Soviet of the U.S.S.R., December 15 and 19, 1966. The taw of the Union of Soviet Socialist Republics on the state plan for the development of the national economy of the U.S.S.R. in 1967) O Gosudal strennom plane razvitila narodnogo khozfaistva SSSR na 1967 god, doktad i zakiluchitel'noe slove na vtorol sessil Verkhovnogo Soveta SSSR sed'mogo sozyva 15 19 dekabria 1966 goda. Zakon Soluza Sovetskikh Sotsialisticheskikh Respublik o Gosudarstvennom plane 1azvitila narodnogo khozfaistva SSSR na 1967 god, Moskva, Politizdat, 1966, 61 p.

Commodity production and the law of value in the second period of the New Economic Poticy. F. D. Lobzhanidze Trudy Tbff, GU 112 47-75 185.

Denisov, A.I. [Basic constitutional principles of the so-cial system of the U.S.S.R., for the universi-tics of Marxiam-Leninism] Konstitutsionnye osnovy obshchestvennogo ustroistva SSSR, dila universitetov marksizma-teninizma, Moskva, Mysl, 1966 54 p. (Osnovy sovetskogo gosudarstvennogo stroitel'stva i prava)

Pronomic problems of the U.S.S.R. A.F. Sokolovskii. Stand I kach 30 no. 9,73 S '66.

An explanation plus organization. V Lobanov, Agitator 31 no.2 38-42 Ja 167.

The foremost economic problem. G. Samborskii, Mol. komm. no. 12-68-79 D '61 Instructive reflections. N. Petrakov, K. Golman. Nov. mii 42 no. 7 281-267 Ji 168

Kaasik, J., and V. Palm. [On the planned guidance of socialist economy and the system of economic levers]
O planovom rukovodstve socialisticheskoi ekonomikoi i sisteme ekonomicheskikh rychagov. Tartu, Tartuskit gos. univ., 1964. 24 p. (Material dila obsuzhdenija)

The most important economic problem of the five-year plan. N. Kirillova. Agitator 34 no. 3:43-45 F 467.

Omarov, A.M. [Scientific principles of national economic planning, for the universities of Marxism-Leuinism] Nauchnyc osnovy planirovaniia narodnogo khozialstva; dlia universitotov marksizma-leninizma, Moskva, Myel', 1960, '75 p. (Organizatsiia planirovaniia i upravleniia narodnym khoziaistvom SSSR)

On forecasting in the optimal planning, S. Strumilin. Vop ekon. no 1:146-149 Ja '87.

On the science of management of socialist economy.

A.Rumiantsev. A.Eremin. Vop.ekon. no.1;3-14 Ja 167.

On the system of prices stimulating the carrying out of the national economic plan. V. Dadsian. Yop.ekon. no.1:70-80 Ja ¹67.

#### RUSSIA-ECONOMIC POLICY (Continued)

Party or contrations should direct their whole arbotion to the judistlment of the five-year plus. It sergee, Purt chical no 2 12-48 Ja 167.

Petrakov, N. IA. [Some aspects of a discussion on the economic methods of management] Nekotove aspekty diskussti ob ekonomicheskikh metodakh i hoznistvovania Moskva, Ekonomika, 1966 126 p (Obsuzhdaem problemy sovershenstvovania planirovania, no 17)

Poliakova, U. M., and D. I. Tverskala. [Period of the socialist reconstruction of the national economy and the beginning of the final stage of the building of socialism, 1926-17:11, in the exposition of regional study museums. On the 50th anniversary of the Great October Socialist Revolution] Period soisfalisticheskol rekonstruktsit narodnogo khozialistva i nachalo zavershatushebago chara effectivity na retail was 1928-1941 as shchego etapa strottel'stva sotsializma (1926-1941 gg ) v ekspozitsii kraevedcheskikh muzeev, metodicheskoe posoble K 50-letiiu Velikoi Oktiabr'skoi sotsialistichos.tol. evolutsii. Moskva, Nauchno-issl. in-t muzeeve-denna, 1968, 136 p. 1 positive approach N Aleksardrov Mezhduna: zhizut

14 no. 2 128 167

Program for a great start V Zharov Mol.komm. no 128-12 D 661

Recommended themes for lectures, reports, and talks based on the materials of the 22d Congress of the CPSU Mol Fomm no 12 121-125 D fol

Scientific jistification of proportions of social reproduction I. Brover. Vop elon no.1,11-50 Ja '67

To study and propagandize. Vech. sred shkola 9 no. 3.7-8 My-Je '66.

### RUSSIA-ECONOMIC POLICY-MATHEMATICAL MODELS

Financial and production ties in the model of national accounte planning. A S Solov'ev Ekon 1 mat metod 3 no 129-46 Ja-F '67,

### RUSSIA-FEBRUARY REVOLUTION, 1917

February 1917, on the 50th anniversary of the second Russian revolution, K Shatsillo Agitator 34 no. 2 15-18 Ja '67

The first constitutional crisis in Russia in April 1917 I ! Mints. Vop ist. 42 no 1 3-26 Ja 167.

History of the cultural and educational work of the Petrograd Bolsheviks during their preparations for the October Revolution, V.V. Gorbunov, Vop lat kPSS 11 no. 2 25-35 F 167

Molseevs, O. N. [The soviets of peasant deputies in 1917] Sovety kresi inskith deputatov v 1917 godu. Moskva, Nauka, 1967. 204 p.

On the threshold of the bourgeous-democratic revolution ın February 1917 N. L. Golovkına Vop ist 42 no 1 205-207 Ja '67

The student movement before and during the February Revolution, L. M. Shalaginova Vop. 181, kPSS 11 no. 2 102-106 F 167

## RUSSIA—FOREIGN ECONOMIC RELATIONS—CUBA Soviet-Cuban trade A Kaspin, Nov. vrem. 25 no. 9: 31 $\Gamma$ '67.

RUSSIA-FOREIGN ECONOMIC RELATIONS-ITALY Great prospects. Vnesh. torg. 46 no !! 53 '66

### RUSSIA-FOREIGN ECONOMIC RELATIONS-UNDER-DEVELOPED AREAS

Cooperation with the developing countries at the present V A Sergeev. Nov vrem, 25 no, 7:4-6 F 167

### RUSSIA-FOREIGN OPINION

The foreign press on the revolution in Russia and the events in the Soviet Union. Mezhdunat, zhizni 14 no. 2-107-117 167.

### RUSSIA-FOREIGN RELATIONS

Chronicle of great accomplishments, 1939-1941 (to be continued) Mezhdunar, zhizn* 14 no 2:148-151 *67,

Desperate attacks upon the idea of peaceful coexistence, V. Smolianskii. Mol komm no 6 34-43 Je 461

Nationwide approval of Lenin's course. Mezhdunar. zhizn' 14 no, 2:3-5 '67,

Our well-chosen Leninist path. Komm Vooruzh, Sil 47 no. 13-7 Ja '67.

Unanimous approval Nov. vrem, 25 no 51-2 Ja *67

## RUSSIA-FOREIGN RELATIONS-ASIA

From the history of the awakening of the East (to be continued). I Andronov, Nov viem. 25 no. 9-11-15

From the history of the awakening of the East (to be continued) I, Andronov. Nov. vrem. 25 no. 10 6-8 continued)

### RUSSIA-FOREIGN RE LATIONS-CHINA

Anti-Soviet policy of Mao Tse-tung and his group. Nov. vrem. 25 no. 9 36-40 F '67.

Our comments. Nov. vrem. 25 no. 7.1-3 F 187. The tragedy of China. A. Ter-Grigorian, Nov. vrem. 25 no. 10.9-12 Mr 167.

## RUSSIA—FOREIGN RELATIONS—FINLAND

Effective coalition; letters from Helsinki. D Ershov Nov. vrem 25 no. 5:18-17 Ja 167.

### RUSSIA-FOREIGN RELATIONS-GREAT BRITAIN

Our comments Nov rem. 25 no. 7 l-3 F 167

### RUSSIA—FOREIGN RELATIONS—ITALY

Hals, the Soviet Union, and Purope, Italian press reviews, B Raiskii Nov viem 25 no 5 3-4 Ja 167

### RUSSIA-FOREIGN RELATIONS-RUMANIA

The treaty with Rumania in action, ~Z~ Mit skii ~ Nov vrcm ~25~ no 6 24-26  $\Gamma$  -67,

### RUSSIA-FOREIGN RELATIONS-TURKEY

The coviet Union and Turkey can live as good neighbor s. A. Ganuscis, Komm, Ukr. 36 no. 9,75-81 S 160,

### RUSSIA----GEOGRAPHY see Geomanhy

#### RUSSIA-HISTORY

Brief notes. Vop. 1st 12 no 1 154-158 Ja 167

History of Russian-Ossetian relations in 80's and 90's of the 18th century. V. G. Machai adze. Soob. AN Giuz.

Pokrovskii, M.N. [Selected works in four books] Izbran-nye proizvedenila v chetyrekh knigakh. Pod obshchel red. M.N. Tikhomirova, V.M. Khvostova, O.D. Soko-. Moskva, Mysl'. Book l. [Russian history from the ancient period

(vols.1 and 2)] Russkaia istoriia s drevneishikh vremen (toma I i II), 1060, 725 p.

Utrenev, V The slege of Azov, a heroic page from our histor | Azovskoe sidenie, geroicheskala stranitsa mashei istorii. New York, 1964 11 p

### RUSSIA-HISTORY-SOURCES

Let us improve the search of V. I. Lenin's documentary materials. S. T. Belinkov, M. S. Veselina, Sov. arkh. materials S T no 5-15-19 166,

Preparing for the 50th anniversary of the Soviet regime, Sov arkh no. 5 li-14 166,

Selecting documentary materials for publication, E L. Sonechkina Sov. arkh, no. 5'84-88 '66,

The source of intelligence (conclusion). A. Mikhnlevich. Moi komm. no 1052-64 466.

The 25th anniversary of the great Battle of Moscow A joint publication of the Party Archives of the Institute of the History of the Party attached to the Mosrow Ptovince and City Committees of the CPSU, the Archives of the Ministry of Defense of the U S S.R., and the Central Archives of Literature and Art (to be continued) Sov. arkh. no. 5 43-56 166.

### RUSSIA-HISTORY, MILITARY

In the Warsav Military District. B. Shaposhnikov. Voen, -ist zhur. 9 no. 1:75-88 Ja '67.

### RUSSIA-INDUSTRIES

Correlation between industrial and agricultural develorment in the U.S.S.R. and improving the forms of collective farm property V Kirichenko. Nauch dokl. vys.shkoly; ekon.nauki 4 no.1;27-36 51.

Kravisov, V.I. [Industrial development and technological progress] Razvitte promysidemosti 1 tckhnicheskii progress. Fiunze, Kirgizskoe gos.izd-vo, 1963. 26 p.

Lavrushin, O. I. [Credit and industry] Kredit i promysh-lennost', Moskva, Finansy, 1967. 86 p.

Several problems of the correlation between socialist industrialization and the socialist cooperation of the peasantry G.Kharakhashlan Nouch.dokl.vy.shkoly; ePon.nauki 4 no.1;18-26 '61.

### RUSSIA-INDUSTRIES-MAPS

Additions to the anniversary year; with a map giving locations of industrial enterprises to be built in 1967. B. Markin. Agitator 34 no.2:30-33 Ja '67.

### RUSSIA-LANGUAGES

Desheriev, IU.D. [Regularities of the development and interaction of the languages in the Soviet community] Zakonomernosti razvitita i vvaimodeistvita tazykov v sovetskom obshchestve. Moskva, Nauka, 1986. 401 p.

### RUSSIA-LITERATURES

Akademiia nauk SSSR, Institut mirovoi literatury, [Paths of the development of the Soviet multinational literature] Putt razvitiia sovetskoi mnogonatsional noi literatury. Moskva, Nauka, 1967. 317 p.

Amid periodicals and newspapers. Vop lit. 5 no. 9-238-239 5 '61

Study the wealth of a multinational culture. G. Apresian Vop. lit 5 no. 9 98-108 S '61.

### RUSSIA-MANUFACTURES

Direct ites of suppliers and consumers. A. I. Roshchin, Vest. LGU 21 no. 23:21-31 '66, Strides of the five-year plans; production and sale of

goods, R. Pan'shin, Sov. torg, 40 no. 12:32-36 D 166.

### RUSSIA-MANUFACTURES-EXHIBITIONS

Preparations for the All-Union Exhibition and Review of the Best Specimens of Consumer Goods at the Exhibition of the Achievements of the National Economy of the U.S.S.R. Kons. i ov. p. om. 22 no. 1:36-37 Ja

## RUSSIA-MANUFACTURES-PRICES

Repricing the unmarketable consumer goods. B. N. Silenko, I. J., Lakhman Lkon, i mat, incled 5 mg. p. 113-148 Ja-F 457.

#### RUSSIA-MAPS

RUSSIA -- NAVY

The earth becomes young again, the map of the mother-land is changing. O Motseev Sov voin 11 no 1,14 D 161

Defenders of peace and creative work, an article dedicard to the Soviet Army and Navy Day K. Bochkarer. Agitato: 34 no.2 19-22 Ja 467

### RUSSIA_NAVY_SEA LIFE

Baltic notes, N. Pierov, Sov voin 13 no 21-24-25 D

The sea calls the strong. G. Shehedrin. Veca. man, 13 no. 1:12-13 Ja '67

#### RUSSIA-POLITICS AND GOVERNMENT

Berkhin, I.B. [Basic stages in the development of Soviet society] Omnownye etapy razvitta sovetskogo obah kestva. Moskva, Znanie, 1967. 61 p. (Novee v zhizni, nauke, tekhnike. 1 Seria; Istorita, no 1)

Bezuglov, A.A. [When a deputy receives his orders...]
Doputatu dan nakaz ... [Moskva.] Musk.rabuckii, 1957
70 p. (V pomoshch' agitatoru i propagandista)

Elections to the soviets and tasks of the party organiza-tions. Part zhien' no. 2:19-22 In '6/.

[Gazette of the Supreme Soviet of the R.S. F.S. H. ] Ved. Verkh, Sov. RSFSR nos, 0-12 F-Mr '67,

[Gazette of the Supreme Soviet of the U.S.S.R, ] Yed, Verkh. Sov. SSSR 30 nos. 9-12 Mt '67.

Kalinychev, F.I. [Supreme governmental bodies of the U.S.S.R.; for universities of Marxism-Leninism] Vysshie organy gosudarstreamol visati SSSR; difa universitate marksizma-leninizma. Moskva, Mysi', 1906, 54 p. (Osnovy sovetskogo gosudarstvennogo strofiel's is a langual. I prava)

Lashin, A. G. [Origin and development of the socialist state] Vozniknovente i razvitte sotiatalistichenkogo goudarstva. [Moskva] Izd-vo Mosk. univ., 1065. 410 p. (Mosw)

Panachin, F.G. [Lenin's style in party and governmental work, for universities of Marxion and Leninjam] O leninskom sitte v partitud i gosudat stvennol rabote, dlia universitetov marksizma-leninizma. Mc Mysl', 1966. 62 p. (Partiinos stroitel'stvo)

Political foundations of the socialist system, N. P. Larberov, G. N. Manov. Sov. gon, i prayo no. 1:6-11 fn 1-57

Potekhin, M.N. The first soviet of the proletorian distance in the proletorian distanc

Russia (R. S. F. S. R.) Verkhovnyi Sovet. [Meetings of the Sixth Supreme Soviet of the R. S. F. S. R., seventh scanica, August 16-17, 1966, verbatim report! Zasedanila Verkhov nogo Soveta RSI SR shestogo sozyva, sed main scanila (16-17 avgusta 1966 g.), stonograficheskii olchet. [Mo-skva] 1966. 199 p.

Russia (U.S. S.R.) Verkhovnyi Sovet. [Meetings of the Seventh Supreme Soviet of the U.S. S. R.; finst sensica, August 2-3, 1060, von batim report] Zanedantia Ver-khovnoge Soveta SSSR sed mege sozyva, pervals sessiia (2-3 avgusta 1960 g.), stonografichoskli otchet. Moskva, 1960. 278 p.

The struggle of the Communist Party of Azerbaijan for the ostablishment of the Transcaucumlan Soviet Press a Socialist Republic and its admission into the U.5 % H Dzh. B. Guliev. Trudy Inst. ist. partif (Azerb.). 24,44

Vinogradov, A.N. [The Supreme Seviet of the R.S. F.S 11] Verkhovnyl Sevet RSFSR. Moskva, IUrid. lii-ra, 1967 60 p.

### RUSSIA—PUGACHEV REBELLION, 1773-1775

Mayrodin, V.V. ed. [The peasant war in Russia in 1773-1775; the Pugachev uprising] Krent'lanskala vajus v Rossii v 1773-1775 godaki; vesatunie Pugacheva [Loningrad] Ed-ve Loningr. univ.
Vol. 2 1996. 511 p.

# RUSSIA—RELATIONS (GENERAL) WITH CZECH-OSLOVAKIA

News stories on Russia in the first Czech newspaper. A.S. Myl'nikov, T. A. Myl'nikova. Sov. slav. 10-1,60-64 67

# RUSSIA—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES

A gratifying mission. A. Pin. Nov. vrem. 25 no. 6 23

Intercollegiate Conference on the Activities of the CLAP in the International Education of Workers During the Comprehensive Building of Communium. F. 9 Zhanker. Nauch, dokl, vys. shkoly; filos, naukt 1 no. 1.203-206

Lectures of Soviet lawyers outside the U.S.S.R. I.P.
Sov. gos. 1 prave no. 1:143 Ja '67.
Romanovskii, S.K. [International cultural and actentific tips of the U.S.S.R.] Mezhdunarodnyc kul'turnyc I nauchnyc sviazi SSSR. Moskva, IMO, 1960. 238 p.

### RUSSIA-RELATIONS (GENERAL) WITH GREAT BRITAIN

Discation of English standardization specialists in the USSR Standarkach 30 no 9 1-14 5 466

RUSSIA—RELATIONS (GENERAL) WITH IRAN Haleng on neighbor, I Orodov Nov. vrem, 25 no. 9

## RUSSIA-RELATIONS (GENERAL) WITH MONGOLIA

s, it coluin a contacts with Mongolia during the comple-n of the building of socialism in the Mongolian P. 171's Republic. Is L. Malakshanov Trudy Irk, 131 nar 180' no 1 203-221 '66

## RUSSIA—RELATIONS (MILITARY) WITH MONGOLIA

Prin ipil phases of Soriet military cooperation with Magolia I I Kurnetsov Prudy lik linet nar khoz. po 1221-230 '66

## RUSSIA-RELIGION

Courte sociological studies of the surviving traces of religion, V K Tancher Pyt ately, no 1.3-10 '65,

## RUSSIA-REVOLUTION OF 1905

Ermu, L.K. [The intelligentsia in the first Russian recollido] Intelligentsia v pervoi russkol revoliutsii, Mesta, Nauka, 1966. 372 p.

The strike of December 1905 and the Soviet of Workers' Deputies P.IA. Sedanov Uch vap. Kab -Balk gos un 12,27 54-75 165

RUSSIA-REVOLUTION, 1917-1921
At V I Lenin's behest. There were no problems of little importance during the revolution ro a 3-10 16G

Possible Compressed peoples of preservolutionary Russia Chitabi-sala revolutional in underly Russia Chitabi-sala revolutional in underly conditional translations of Ros-sil Moskya, Zhanle, 1907 47 p (Novoe v zhizni, pauke, tekhnike I Serila: Istorila, no 2)

The foreign press on the revolution in Russia and the e ents in the Soviet Union Mezhdunar, zhizni 14 no 2

Gorious path of the great creation. Arkhit, SSSR. no. 1: 15 '67

The Great October Socialist Revolution and the struggle against the terrorist acts of the White Guards G Anash-kn, Sots, rai on no 2 9-15 F 167

Great strategist S, Ustinov. Nov. mir 38 no. 10-256-

Relies of the revolution, a visit to the Central Archives the October Revolution, Sov. 11kh no 5:57-66 '56. The Second All-Russian Congress of the Soviela and the establishment of the Soviet state O. I Chistiakov Sr. gos., palvo no 174-81 Ja '67.

"There is such a party!" I Petrov. Agitator 31 no 3; 13 18 F 167.

Trainin, A.S. [The Bolshevik Party as the leader of the revolutionary movement of the young workers in 1917] Partila bol'shevikoy - rukovoditel' revolutisionnego dvizhenija rabochej molodorhi v 1917 godu. Krasnodar, Krasnodruskij gos. pedagog. in-t, 1905. 174 p. (CSL-H)

Wings of our country have been strengthened that way Av. 1 koom no 1 20-21 Ja '67.

## RUSSIA-REVOLUTION, 1917-1921-ANNIVERSARIES,

The anniversary calendar, " Part, thizn' no. 2 61 Ja

The anniversary year of the October Revolution, Nach sakola 35 no 12-4 Ja '67

Devoted to the 50th anniversary of the Soviet regime. Vest Mosk, un, Ser, II Zhur, 21 no, 6 90 N-D 168.

Fiftieth anniversary of the October Revolution. Priroda по. 13-4 Ја 167.

Fiftieth year of Soviet power. Goi.khoz, Mosk. 41 no. 12 of cover  $\ Ja^{-4} B7$ 

A journey through the revolution, T. Lukicheva, Bibliotekar! 44 no. 2.33-37 F '67.

Let us prepare for the 50th anniversary of the Great October Revolution, Part, zhizn' no. 2.3-7 Ja 167.

Let us prepare for the glorious anniversary the proper way Part, thism no. 4.60 F 167.

[Preparations for the 50th anniversary of the Great October Socialist Revolution; decision of the Central Commit-tee of the CPSU of January 4, 1967 O padgotovke k 60-lettil veliko (Extinor-iskoi socialisticheskoi revolitutsii; posianovienie Tsk KPSS of 4 innvaria 1967 goda. Moskva, Politizdat, 1967. 30 p.

Preparations for the 50th anniversary of the Soviet regime. Part, zhizn' no, 2:60 Ju '67.

Preparing for the 50th anniversary of the Soviet regime. Sov. arbh. no. 5:11-14 166.

Stepping into the anniversary year. Az. i Afr. seg. 10 no 1:2-3 Ja 167.

The whole world is getting ready for the 50th anniversary of the Great October Revolution. Part. zhizn' no. 3.74-76 F '67

## RUSSIA-REVOLUTION, 1917-1921-BIBLIOGRAPHY

Books for the 50th anniversary of the October Revolution. Knizh.torg. 18 no.1:52-53 Ja '67.

In our fathers' footsteps. Biblioteker' 41 no. 2.27 - 32  $\,\Gamma$  '67

Proparing for the 50th anniversary of the October Revolution G, V Petrlakov, Vop. 1st, KPSS 11 no. 2 151-155 F '67.

### RUSSIA—REVOLUTION, 1917-1921—BULGARIAN PARTICIPATION

Among fighters for the victory of the revolution Khristian Katev. Soy slav no 1:51-55 '67

### RUSSIA-REVOLUTION, 1917-1921-FOREIGN PARTICIPATION

They fought for the Soviets. L. 14koviev. Nov. vrem.  $25\,$  no.  $6.20\text{--}22\,$  F  $^{-1}67,$ 

#### RUSSIA—REVOLUTION, 1917-1921—PICTORIAL WORKS

Two rate photos. Sov. aikh no 5 42 166

### RUSSIA-SOCIAL POLICY

Denisov, A.I. [Basic constitutional principles of the so-cial system of the U.S.S.R., for the universi-ties of Marxism-Leninism] Konstitutsionnye osnovy obshchestvennogo ustrotstva SSSR, dlia universitetov marksizma-leninizma Moskva, Mysl', 1986 54 p (Osnovy sovetskogo gosudarstvennogo stroitel'stva I

### RUSSIA-STATISTICS

A chapter from the report of the Central Statistical Administration, facts and figures. R Pan'shin Agitato: 34 no 2 34-38 Ja '67

A land of new dwellings, facts and figures. Agitator 34 no. 3 24 F 167.

Mints, L.E., V.V. Kossov, and E. F. Baranov, eds. [The Interbranch balance of an economic region, methodology of preparation] Mezhotraslevoi balans ekonomicheskego ralona, metodika sostavlenija, Moskva, Nauka, 1907.

#### RUSSIA-UNDERGROUND LITERATURE

Bolshevik lenflets on the evc of the February Revolution, Vop. ist, KPSS 11 no. 2 76-85 F '87,

RUSSIA-WORLD WAR, 1939-1945-CAMPAIGNS They marched in a column, P. Mironov, Voen, znan-43 no.132-33 Ja '67,

### RUSSIA, ASIATIC-ATMOSPHERIC PRESSURE

Effect of thermal and dynamic factors on seasonal transformations of pressure fields fields over Asiatic U.S.S.R. N.I.Sergecv. Trudy Lim. Inst. 10:3-13

### RUSSIA, NORTHERN-ACCLIMATIZATION

Conference on the Problems of Accimatization and Alimentation of the Inhabitants of the Par North, Z. P. Sokolova, Sov. etn., no. 2 122-123 Mr-Ap 161.

## RUSSIA, NORTHERN-ARCHITECTURE, MEDIEVAL A conference on the "Cultural monuments of Northern Russia" A, A, Lebedeva Sov etn. no. 6:117-122

N-D '66 RUSSIA, NORTHERN—BALLADS, SERBIAN

More about a Serbian ballad recorded in the Russian North-M. IA, Gol'beig. Sov. slov. no. 1,70-71 '67.

# RUSSIA, NORTHERN-BIRDS

In the footsteps of man. Prireda no 1:125 -126 Ja '67.

## RUSSIA, NORTHERN-ECONOMIC CONDITIONS

Conference on the Problems of Acclimatization and Alimentation of the inhabitants of the Far North. Z. P. Sokolova, Sov. etn. no. 2;122-123 Mr-Ap 161

### RUSSIA, NORTHERN-GEOLOGICAL RESEARCH

Basic results of the research of the Institute of the Arctic Goology carried out in the northern part of Eastern Siberia F.G. Merkov Inform biul, NIGA no. 15 5-10

## RUSSIA, NORTHERN—LABOR LAWS AND LEGISLATION

For those who work in the Far North. O. Efremova. IU. Zederboum. Sots.trud. 12 no.1;131-136 Ja 67 Recent legislative enactments. Sets, zaken, no. 2:77-78 F '67.

### RUSSIA, NORTHERN-NAMES, GEOGRAPHICAL

Cartography as a method of investigating substratal place names, E. M. Pospelov, Vop. laz., no. 1:80-91 Ja-F 87.

### RUSSIA, NORTHERN—PARASITES—REINDEER

Protection of reindeer used for draft purposes from horseffice. D. V. Savel'ev. V. A. Poliskov. Vest. sel'khoz. nauki 11 no.12:136 D '66.

# RUSSIA, NORTHERN—PINE

Effect of planting time on the visbility of pine and spruce plantations. C.S. Tutygin. Izv.vys.ucheb zav.; les. zhur. 0 no.6:164 166.

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Migration and behavior of young acclimatized Oncorhya-chus gorbuscha. M S. Kamyshnata. Ryb. khoz 43 no. 19-12 167.

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#### RUSSIA, NORTHERN-SCHOOLHOUSES

Problems of designing day schools, boarding schools, and children's institutions for the Pat North 1 V Rimskala-Korsakova Izv. ASIA no 3,75-78 '61

### RUSSIA, NORTHERN—SPRUCE

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# RUSSIA, NORTHERN—WORLD WAR, 1939-1945-NAVAL OPERATIONS

Seamen of the Northern Fleet. A komm. no 12:110-114 D '61, Al. Gasparian, Mol.

### RUSSIA, NORTHWESTERN-AFFORESTATION

Afforestation of drained transitional hogs. Shor nauch. -issl, rab polics, khoz. no. 6-207-227 '63.

### RUSSIA, NORTHWESTERN-APPLE

Thermal condition of apple trees in winter in the north-west. I N Kotovich. Biul, nauch, -tekh inform, po-agron, fiz. no 8/0:104-110 460

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Nauchno-issicdovatel'skii institut mekhanizatsii i elek-ti ilikatsii sel'skogo khozlaisiya Seveno-Zapada, Tech-nology and system of machines for the overall mecha-nization and electrification of agriculture in the northwestern zone] Tekhnologiia i sislema mashin diia kompleksnot mekhanizalsii i elektrifikatsii sel'skogo khoziaistva Severo-zapadnol zony. Leningrad, Kolos, 1955. 270 p. (Its:Nauchnye trudy) (DNAL)

### RUSSIA, NORTHWESTERN—FARM MECHANIZATION

Nauchno-issledovatel'skii institut mekhanizatsii i elek-Nauchno-issiedovatel'skii institut mekitanizatsii i elek-infikatsii sel'skogo khoziatsiva Severo-Zapada, Tech-nology and system of machines for the overall mecha-nization and electrification of agriculture in the north-westen zone! Tekhanlogita i sistema mashin dita kompleksnot mekhanizatsii i elektrifikatsii sel'skogo khozialsiva Severo-zapadnol zony. Leningrad, Kolos, 1965. 270 p. (Its; Nauchnye Irudy) (DNAL)

### RUSSIA, NORTHWESTERN-RHEUMATIC FEVER Morbidity, prevention and antirelapse treatment of

rheumatic fever in the northwestern waterways basin. IA G.Sovetnyi, O V Vinogradskii, Sov.med 29 no k

### RUSSIA, SOUTHERN—CONSTRUCTION INDUSTRY

For railroad man of the Southern main line. G. A. Nosachenko. Transp. stroi. 16 no. 2;31-32  $\Gamma^{-1}66$  .

## RUSSIA, SOUTHERN-FORESTS AND FORESTRY

Akademiia nauk SSSR, Sibirekoe oldelenie, Institut Iesa I deveshiy, | Forests of the U.S.S.R. in five volumes Lem SSSR v ptait tomakh, Moskva, Nauka, Vol. 3, | Forests of the south of the European part of the U.S.S.R. and Transcaucasia | Lesa luga Evropeiskoi chasti SSSR i Zakaykaz'ia, 1966,

# RUSSIA, SOUTHERN—PETROLEUM REFINERIES

First oil refineries in southern Russia. P Lozgachev. Neftianik II no 9:37 Ag '66.

### RUSSIA, SOUTHERN-STONE AGE

(DNAL)

Some problems of the periodization and geological dating of the Palculithic of the southwestern part of the Europenn U S. S. R. in connection with new data on multi-layer sites in the Dniester Valley A. P. Chernysh, Trudy Kom, chety per. 18:88-93 '61.

### RUSSIAN FICTION-HISTORY AND CRITICISM

Ershov, L.F. [The Soviet Russian novel; national tradi-tions and innovations] Russkii sovetskii roman, natsio-nal'nye traditsii i novatorsivo. Leningrad, Nauka, 195

### RUSSIAN LANGUAGE-AFFIXES

Certain suffixal patterns of technical terms, T.L. Kandelaki, Nauch, dokl, vys. shkoly; filol. nauki 5 no. 1:42-55 '62.

### RUSSIAN LANGUAGE-CASE

Noun declension in literary monuments of northeastern Russia from the end of the 14th 40 the beginning of the 16th century V. B. Kulikov. Trudy UzGU 95-77-110 45

### RUSSIAN LANGUAGE—CHRESTOMATHIES AND READERS

working with the new Russian language reader for the first grade, V. A. Kustareva, M. L. Zakozhurnikova. Nach, shkola 35 no. 1:72-76 Ja '67.

### RUSSIAN LANGUAGE—COMPOSITION AND EXERCISES

Zvolinskala, IU.I. [Didactic material on the Russian language for grade 4 of the two-group school) Didakticheskti material po russkomu iazyku dila IV klassa dvukompletnoi shkoly Ed. 3 Moskva, Gos uchebno-pedagog izd-vo, 1962. 175 p (NIC)

### RUSSIAN LANGUAGE—DICTIONARIES

The work of his life, on the centenary of the publication of V. L. Dal's dictionary. Yest Mosk, un Set. 11 Zhur 21 no 6 18-26 N-D '66,

### RUSSIAN LANGUAGE—DICTIONARIES—KIRGHIZ

Atbaey, S.A., K.S. Salahmankuloy, and K. Sh. Shatemitov. [Russian-Kirghiz dictionary of chemical terms] Khimilaly, terminderdin onuscha-kyrgyzcha sozdugu. Russko-kinglzskil slovat khimicheskilh terminov. Frunze, Ilim, 1966. 317 p.

### RUSSIAN LANGUAGE-DICTIONARIES-LITHUANIAN

Meskauskas, K., and others, ed. [Russian-Lithuanian dictionary of economic terms] Rusiskai lietuviskas ekonomikos terminu zodynas. Viinius, Mintis, 1960–290 p [In Lithuanian]

### RUSSIAN LANGUAGE...DICTIONARIES...POLYGLOT

Davydov, N.N. [Russian-English-German-French-Latin botanical dictionary] Botanicheskii slovar' russko-angilisko-nemetsko-frantsuzsko-latinskii. Pod 1ed. F. Kh. Bokhteeva. Lad. 2., stereotipnoe. Moskva, Glav. red. inostr. nauchno-tekhn. slovarci Fizmatigiza, 1962. rea. 335 p. (TvU)

#### RUSSIAN LANGUAGE-FOREIGN ELEMENTS

Isserlin, E. M., Foreign language vocabulary and its place in the lexical structure of the contemporary Russian literary language; materials for the course "Practical style of the Russian literary language," A textbook for students of the Editorial Department Inotazychnala leksika I ce mesto v slovarnom sostave sovremenogo unches of titrortware lander materials. russkogo literaturnogo iazyka, materialy k kursu "Prakticheskala stilistika russkogo literaturnogo iazyka," Uchebnoe posobie dila studentov redakterskogo fakulteta, Moskva, Mosk, poligr in-t, 1965, 17 p. [MICROFILM]

### RUSSIAN LANGUAGE---GRAMMAR

Recommended planning of grammar lessons in the first grade N, G, Ultura, V P Kortova, Nach, shkola 35 no.1.76-83 Ja '67.

Recomended planning of lessons in grammar, N.C. Utkina, V.P. Kozlova Nach, shkola 35 no. 2:80-93 F 167

# RUSSIAN LANGUAGE-GRAMMAR, COMPARATIVE-

Dalimiting separate attributes in order to distinguish them from similar grammatical structures TA Syblova, Nauch, dokl vys shkoly, filol, nauki 5 no. 1 174-186 162.

Grammatical function of the separate parts of a sentence. G.V Kolshanskii Nauch dokt vys shkoly, filol naukt 5 no 1.31.41 /52.

Syntactic variants, E.I. Shendel's, Nauch. dokl. vys. shkoly, filol nauki 5 no. 18-18-62.

### RUSSIAN LANGUAGE-LEXICOGRAPHY

The Academy's seventeen-volume Dictionary of the mod-ern Russian literary language and its significance for Soviet linguistics, V. V. Vinogradov, Vop. laz, 15 Soviet linguistics. V no. 6 3-26 N-D 166,

### RUSSIAN LANGUAGE....NOUN

Noun decleasion in literary monuments of northeastern Russia from the end of the 14th to the beginning of the 16th century V B. Kultkov. Trudy U2GU 95 77-110 '59

### RUSSIAN LANGUAGE-NUMERALS

Constructions of the type "I met five men" in the 17th century, on the history of the declination of numerals. L. N. Dvornikova. Nauch, dok), vys shkoly; filol, nauki 5 no, 1266-209 '62.

### RUSSIAN LANGUAGE-OLD RUSSIAN-ACCENTS AND ACCENTUATION

Stress in the Old Russian combination with a "hard sign" preposition. V. V. Kolesov. Vop 182. 15 no. 8:81-91 N-D 166.

RUSSIAN LANGUAGE-OLD RUSSIAN-LEXICOGRAPHY Work on the Little dictionary of the Old Russian language of the lith-17th centuries. G.A. Bogatova. Izv. AN SSSR. Ser. lit. i iaz. 25 no. 6.524-527 N-D 166.

### RUSSIAN LANGUAGE—SENTENCES

Siatkovskil, S.1. [Indefinite-personal sentences in the Russian and Polish languages] Neoprodelenno-lichnyo prediozhenita v russkom i pol'skom lazykakh. Nauch. rukovoditel T.P. Lomtov. [Moskva] Izd-vo Mosk.univ., 1888 27. 1958. 27 p. (CaOTU)

RUSSIAN LANGUAGE -- STUDY AND TEACHING (see also subdivision under Katmandu, Nepal)

Developing the first-graders' ability for independent thinking. S. F. Zhutkov, Nach, shkola 35 no. 2:66-71 F '67.

Differentiated assignments in the study of the verb.
VK Lotarev Nach shkola 35 no. 2 25-27 F '67. From the e perience of two schools. Nar. obr. no.20 insert 1-16 I' 67.

insert 1-16 I' '67.

Corchak, A.N. [The picture as a tool in development of speech, an aid for the teacher] Kartina kak steckstvo razvittla recht, posobic dla uchitelia. Leningrad, Prosveshchente, 1965, 138 p. (NIC)

Recommended planning of grammal lessons in the first grade, N G Utkina, V P Kozlova Nach shaola 35 no 176-81 Ja 167.

Reviewing the Russian language studies in senior classes. B. D. Sez'ko. Vech, sred, shkola 9 no 5,79-80 S-O 66.

Trapeznikova, T.Z., comp. [Problems of education during Russian lessons, articles on work practice]
Voprosy vospitantia na urokakh russkogo inzyka, abornik statei iz opyta raboty. Leningrad, Prosveshchenie, 1965. 178 p. (NIC)

Vocabulary work in the first grade. I. N. Khudiakov, Nach shkola 35 no 1/23-26, 69 Ja 197 Who thought of it? My students and I. A. IAnovskaia, Nar, obr. no. 2/35-37 F 197

#### RUSSIAN LANGUAGE-SYNTAX

Of what does the subject of syntax consist and what should he its structure? A V Bondarko, Nauch, dokl vys. shkoly, filol.naukl 5 no 1 211-215 162

#### RUSSIAN LANGUAGE-TERMS AND PHRASES

Completive propositional-nown phrase, A A. TSol. Trudy U2GU 95 31-42 159.

Constant and variable in the structure of a fixed phrase, V. L. Arriangel'skii. Nauch dokl, vys. shkoly; filol nauki 5 no. 1.210-213 '62.

History of Russian agricultural terminology. Z. A. Orazova, 17v AN Turk SSR Ser, obshehestv. nauk no 5:56:59 '66.

Structure of prepositional-noun phrases. A A.TSoi Trudy UzGU 95 19-30 '59.

### RUSSIAN LANGUAGE-VERB

Kukharevich, N. E. [Study of prefixed verbs in the non-Russian lecture hall] Izuchenie pristavochnykh glagolov v nerusskoi auditorii. Moskva, Univ.druzhby narodov, 1966. 67 p.

Ways of expressing the incheative meaning of Russian verbs. A N. Tikhonov. Trudy UzGU 85,43-75 '59,

### RUSSIAN LANGUAGE-WORD FORMATION

Derivational variants of names of inhabitants in Russian and Uri aintan, VO Hoi pynych Lekoykol, ta leksykogt, no. 2 33-11 '66,

### RUSSIAN LANGUAGE-WORD ORDER

Analysis of the position of the word form as a method for studying syntax Z D Popova, Nauch.dokl vys shroly; filel naukl 5 no. 1 19-30 '62.

### RUSSIAN LITERATURE

Brief news Vop. ht 5 no 0.249-258 \$ '61

RUSSIAN LITERATURE—BIBLIOGRAPHY see Bibliography-Russian literature

### RUSSIAN LITERATURE—HISTORY AND CRITICISM

About literature as a trade, F.Svetov, Nov.mir 12 no. 7:219-234 JI 168

Bazhynov, I. D. [Hero and the time] Heroi i chas. Kyiv, Naukova dumka, 1985. 119 p.

Efromov, V. [Sketches of the history of Russian litera-ture of the 19th century] Ocherki po istorii russkoi literatury XIX veka. Washington, D.C., Izd. knizh-nego magazina V. Kamkin [1966] 351 p. (NIR)

From N.K. Krupskaia's literary legacy, Nov. mir 38 no. 10:270-274 O '62

Research must be conducted on a higher level, V. Portsov and others Vop. lit. 5 no. 9:58-97 S 161.

Shadows come to life. E. Ginzburg. Nov. mir 42 no. 7: 257-260 Jl *86.

[Time, judge it! Arlicles on literature] Vremia, sudil Stat'i o literature, Moskva, Prayda, 1987, 77 p. (Biblioteka "Komsomol'skoi praydy," no. 3)

To the stars; remarks on the prose of young writers, L. Lazarev. Vop lit. 5 no. 9:13-36 S [6]. "Young guard" writers and chroniclers of the Komsomol, Aleksandr Ispakh. V mire knig 6 no.6 37-38 Je [60].

### RUSSIAN LITERATURE-PERIODICALS

From the editor; "Novyi mir" in 1963, Nov mir 38 no 10:284-286 O '62

### RUSSIAN LITERATURE-STUDY AND TEACHING

A synthesis of the arts during Russian literature classes. A.V. Sheveleva. Vech, sred, shkola 9 no. 5:71-73

"Ties of the times. " L. Aizerman, Nar. obr. no. 1:45-52 Ja '67.

### RUSSIAN NEWSPAPERS

(see also subdivision under he alheim)

Articles on Saratov and the Saratov Constructed his the newspaper "Kolokol," N. A. Euriches, A. G. Chillian, Trudy Nauch bibl, SGU no 3.12 to 264 Trudy Nauch block conserved in the first the first terms of the first

#### RUSSIAN PERIODICALS

About literature as a trade, 1, action Max, roll 15 no 7:219-231 Jl 166 no 7:219-211 of 90 "New Times" and its readers flow trial "5 large 5 - 11.

Our questionnaire. V mire buly none 6 17 le 10 n 

Verse published in "Murzilka," Aladiada Hifshika, Oktiabal 43 no 12 197-199 p. (a)

RUSSIAN PLAIN see East European Plain

### RUSSIAN PLATFORM-ANHYDRIII

Metasomatic origin of Paleovole unbalation in the part of the Russian Platform | 1 M. Birdan, Milital MOIP, Oth. good, 36 no.5:117 5 (1) 31

### RUSSIAN PLATFORM-BRACHIOPODA, TOSHI

Distribution of Productus cancerna Vern in the Kanana atage of the Russian Platform 10.1 1 4 6 harms The Lambert MOIP Otd, gool 36 no. 4 85 88 My to 461

## RUSSIAN PLATFORM—GEOLOGY, 518A HURAPILE:

Lower Devonian-Silurian formations to exite in First of Russian Platform. E. V. Chilu II of the Mercental A. IA. Chagaev Dorl. AN SSAR 41' no 1444 444 445 45 45 45

RUSSIAN PLATFORM—GEOLOGY, STRUCTURAL

New data on Puchezh dislocations. 15.7, 114ns. Ettist. MOIP. Old. geol. 36 no. 51115-140 to O 2014.

RUSSIAN POETRY-BIBLIOGRAPHY was implied a play

Paylovskii, A.I. [Soviet Rushka poetry in the COLD of the Great Patriotic Wal] Rushka in contributions at the gody Velkot Otechestvemol voing [1 colo, rod, 75, aut. a., 1967 | 275 p.

RUSSIAN PROSE LITERATURL- DIRECGRAPHY TOOK Bibliography—Russian prose literature

RUSSIAN SOCIAL DEMOCRATIC PARTY (see also subdivision under Armenta, Italia, Lepingrad)

Dolshevik leaflets on the eve of the relicing, Resolutions Vop. ist, KPSS 11 no. 2 76 85 1 457

enin, V.I. [V.I. Lenin on ideological word] V. I. I a ob ideologicheskoi rabote, Mosky v. Politicala, 1967. [V.I. Lenin on ideological world] V. I. Farring 436 p.

"There is such a party!" I, Petrov Apatiting 14 and 3 13-18 F 167.

### RUSSO, GEORGII ANDREEVICH, d. 1966

Georgii Andreevich Russo, obttum, 100 1, (tole 100 cm. ta no. 13:3 166.

RUSTAVELI, SHOTA, fr. 1190 [Leading exponents of Russian culture on Black Mustax C11]

Deintell russkoi kultury o Shola Rastaveti Thillit.
Lit-ra da khelovneba, 1969 319 p
Naladzo, N.R., and S.S. Tsaishvill, ['dot't Rustavell and Special Research and Special Resea

Shota Rustavell, A. Baramidze, Vantacieta a no. 4: 23-27 Je '66.

Shota Rustavell, V. Ostrov, Reftianth H at 11-15 - 1-5 S 188.

### RUSTAVI (GEORGIA)—STEEL INDUSTRY

Initiators of a competition, D. Bar starte Di., Part, #h(##) no, 2:50-51 Ja '67.

### RUSTS (FUNGI)

New species of fam. Pucciniacene I IA Junkous. Azbukina. Vestsi AN BSSR, Sei abil dana 10 3374-76

Use of hydroquinone and 2,4-D in controlling eroses ruell of cats. V. I. TSinger. Trudy Kilish III. See 24. 16. 2.

RUTHENIA see Transcarpathta

### RUTHENIUM

Electrochemical study of hydrogen minor (4) in by 1121-5 min in aqueous-organic media. G. P. Aben chenker. R. B. Tarran. Vest. Mosk, un. Sur. 2; kl.ha. 2) n. G. 23 - 37 N-D 166.

Preparation and study of solutions of hisalent sutto Pisson in perchloric and sulfusic acids. V. M. Vilosonko. 1. 27, Lazarev. IA, S. Khvorostin. Radiolchimita no. 845 7. 682 166

### RUTHENIUM COMPOUNDS

Sorption of tuthenium by natural sorbents Part 2; Sorption of ruthenium nitrosonith complexes. N. M. Sinityr I', IA, Royinskii, V. V. Ispravnikova. Radiokinmila no 6,692-695 566

Dependence of morphology of crystals of artificial rutile on inspuritions and conditions of growth—LI Naumova, LN Anikin. Min shor. 20 no. 1 580 - 582 - 166

### RUTHE-SPECTRA

Election pai amagnetic resonance spectrum appealing in expect adsorption on rutile. V. M. Mastikhin. Kind pt. 7, no 6 1105 N-D 186.

### RYAZAN—GRAIN—STORAGE

hight courses in Ryazan, M. Voronia, Muk, -clev. prom. 26 no. 3 29 Mi 160

### RYAZAN—PETROLEUM REFINERIES—DESIGN AND CONSTRUCTION

earing one hundred thousand rubles. E. Fedorov Na stroi Ros S no 1:10-11 Mr 104

## RYAZAN PROVINCE—GRAIN TRADE

Some problems of grain procurement, V. Dmitriev, Zakup, sel'khoz, prod. no. 12:14-15 D '68,

### RYAZAN PROVINCE—SOILS

Qialitative evaluation of soils in Spas-Klepiki, Ryazani, and Shilovo-Sapezhok dishi it is of Ryazani Province, G.G. Fremin. -Vest, Mosk. un, Ser. 6; Biol., pochv. 21 no 5/112-114 S-O '66.

## RYDINSK—INDUSTRIAL MANAGEMENT

Strange orders, O. Moroshkin, Part, zhizni no. 1:68-67 F '67,

### RYBESK RESERVOR—BREAM

Determining the optimum concentration of food for bream larvae with the hulp of radioactive carbon  ${
m C}^{14}$ . D.A. 111. I. Serokin. Trudy Inst. biol, vnutr. vod. na. 10:108 -110 66.

Feeding habits of Abramis ballerus (L.) larvae in Rybinsk Reservoir, G.L. Panova, Trudy Inst. biol. yrafr. vod., no. 10:100-107 108.

Observations on feeding habits of bream larvae in Rybinsk Reservoir. D.A. Panov. Trudy Inst. biol. vnutr. vol. no. 10.51-75 466.

### RYDINSK RESERVOR—BURBOT

Population dynamics and present stock of burbot in Bylinek Renervoir, V.I.Ostroumova, Trady Inst. biol, vnitr. vnd. no. 10:092-05 400.

Spawning grounds of burbot in Rybinsk Reservoir, V. M. Volodin, Taudy Inst. biol. vnutr. vod. no. 10:21-20 166.

## RYDINSK RESERVOR—CURRENTS (RYDROLOGY)

Study of horizontal water circulation in Rybinsk Reservoir. N. V. Butot in. Trudy Inst. biol, vautr. vod. no. 10,225-

## RYBINSK RESERVOR—FISH POPULATIONS

Degree of stability of local fish population range. A.G. Foolichnyi. Trudy Inst, blot, vantr, vod. no. 10-242-248 6.0

## RYBESK RESERVOR—FISHES

Devolving eggs of phytophilous fishes by predators in natural spawning grounds of Rybinsk Reservoir, L. K. Hima. Trudy Inst, biol, vnutr, vod. no. 10:46-59 186.

## RYBINSK RESERVOR—FISHES—FOOD

Fredling habits of larvae of Ruthus ruthus L., Blicea bjorkna L., Leuciacus idus L., and Peres fluviatilis L., is Rybinek Reserveir, D. A. Pasov, Trudy Inst. biol. vaitr. vod. no. 10.76-00 '06.

### RYBINSK RESERVOR-PELECUS

Development of Pelecus cultratus (L.) in Rybinsk Reservoir. V. M. Volodin. Trudy inst, biol. vautr. vod. no.10-3-8 '60.

Fecundity of Pelecus cultratus (L.) in Rybinsk Reservoir, V.M. Volodin. Trudy inst. biol, vnutr, vod. no. 10:0-20

## RYBINSK RESERVOR—PIKE

Age-related and local changes in food composition of pike in Rybinsk Reservoir, M.N. Ivanova, Trudy Inst. biol. vautr. vod. no. 10:111-118 166.

## Rybinsk Reservoir—Roach (fibil)

Adaptive response of reach population to changing habitat conditions. A.G. Poddubnyi. Trudy inst. biol. youtr. voil. no. 10:131-138 '66.

### RYBEISK RESERVOR-WAVES

Security of calculated heights of waves based on materials of observations on Hibinsk Reservoir, V. F. Gushchin Shor, rab, po gldrol, no. 6 81-86 166.

## RYE

Dynamics of organic matter in soil under a rye monocul-tore. G. S. Montuliak, Pochyoyedenie no. 3:31-33 Mr 180.

#### RYE-VARIETIES

Vyatka-2, " a rye variety producing large crops, K Glukhkh, Inform biul, VDNKH no 12 30 D '66

### RYLENKOV, NIKOLAI IVANOVICH, 1909 -

Adventure and the commonplace L. Storino Nov mir 38 no 10 233-236 O 162

### SABLES see subdivision under Aldan-Uchur Hange region

SABLES-FEEDING AND FEEDS see subdivision under

#### SACHS, HANS, 1494-1576

Phonetic poculiarities of the German language in the works of Hans Sachs. M. Z.IAtsii Inoz.filol. no. 6:75 -81 466.

#### SADON (NORTH OSSETIA) -- MINERS -- DISEASES AND HYGIENE

Late silicosis in workers of the Sadon Mines according to data on X-ray observations. V Kh. Kogan, Z.E. Dukaev. Shor. nauch, trud SOGMI no. 10 04-96 161.

# SAFFLORITE see subdivison under Tuva Autonomous

#### SAFRANINE

Extraction-photometric method of determining rhenium by means of safranine T. A. T. Pilipenko, Nguven Mong Shini, Ukr. khim, 2hur, 32 no. li;12li-12l5 166,

### SAFRANINE-ELECTRIC PROPERTIES

Changes in electric conductivity in the course of photochemical reactions in solutions of safranine T. IV. M. Stolovitskii, V. B. Evstigneev. Teoret i eksper khim 2 mg. 5:641-648 S-O 166.

## SAINT EXUPÉRY, ANTOINE DE, 1900-1944

Letter to a hostage. Antoine de Saint Exupery. Trans-lated from the French by R.Grachev Nov mir 38 no, 10 123-133 O 162.

Role of action in the works of Antoine de Saint Exupéry. L. B Voloshyna. Inoz. filol. no. 6:138-144 '66'.

The Vilna Saints. Igumen Predislay. Zhur. Mosk. Pat: . no.12,36-38 188.

SAKHALIN-CONSTRUCTION INDUSTRY-FINANCE Prepartence in carrying out economic tasks in Sakhalin-moraton Trust, B. K. Rikhter, Transp. stroi 18 no. 3-32-34 Mr 168.

### SAKI, LAKE-BRINES

Using the method of artificial refrigeration for the aepaia-tion of magnesium sulfates from the brine of the Saki Lake, N.O. Evert, M.D. Tarabrina. Trudy GIPKH no. 47:83-71 '62.

### **ЗАККАПА---ТОМВ**

In search of an ancient sage's tomb. I. Katanel'son. Az i Air seg. 10 no 1-80-61 Ja 167.

### BAKU (ESTONIA)---AGRICULTURAL RESEARCH

Estonian Scientific Research Institute of Agriculture and Melleration, I. Jurisson, Vest, sel'khoz, nausi 11 no. 11:125-129 '86.

### SALAIR RANGE-GOLD ORES

Genetic types and formations of gold mineralization in Kuznetsk Alatau and Saloir. A.IA. Bulynnikov. Trudy TOU 164:75-85 'G3.

### SALES TAX

Payment for production Ands and the turnover tay, D. Moliakov, Fin. SSSR 40 no. 12:41-44 D '66.

### SALESMEN AND SALESMANSHIP

Store is the best training ground for salespeople, E. V. Chachev, Gor, khoz, Mosk, 40 no.12;38-39 D 168.

## SALGIR RIVER-TERRACES (GEOLOGY)

Terraces of the Saigir River, N.I.Lysenko, Izv. Krym. otd. Geog. ob-va no. 6:73-78 '61

### SALGE VALLEY-MICROBIOLOGY

Mycrophytes of the waters in the mountainous and submontane parts of the bains of the Salgir River and the Simforpol Reservoir, P. M. Khristiuk, Izv. Krym. otd. Geog. ob-va. no. 6:139-162-61.

### SALICYLANILIDE

Determination of saticylamitide in the impregnation bath by the bromination reaction. E. V. Shtutser. Nauch. -isel, trudy TSNIILV 21:162-168 *66.

Dichiorolodo derivatives of saticylentiide and monohelogen salicylanilides, new synthetic antimicrobic substances, M. M. Rotmistrov, H. V. Kutyk. Dop. AN URSh no 7: 955-957 '62.

### SALICYLIC ACID

Some characteristics of the impregnation of the wood of growing beach by suitosalicylic acid. I. I. Gerdienko. G.S. Koretskii, T. K. Maiko. Les, bum-i der, prom. no.3:18-26 '66.

### SALINE AND ALKALI SOILS

(see also subdivision under Poltava Province)

Effect of salts on compressive properties of loess L.F. Stupakova, L.V.Smolina, R.A. Popova, Strol., arkhit Uzb. 7 no.12,23-24 D 166.

Improvement and development of saline soils in Azerbaijan, A.K. Bekhbudov Gidr i mel 14 no, 5:3-10 My 62,

SALINE WATERS-COMPOSITION see subdivision under Crimea

### SALINE WATERS-DEMINERALIZATION

Study of the process of electrochemical softening and stabilization of water. V. F. Negreev, Z. S. Eligulash-vili, Trudy Inst. khim AN Azerb. SSR 20 150-160 '64.

### SALINE WATERS-PHYSIOLOGICAL EFFECT

Morphological changes in the animal skin under the effect of artificial sodium chloride baths V.V. Soldatov Vop. kur., fizioter i lech fiz. kul t 31 no 6,512-517

SALINITY see subdivision under Azov, Sea of; Caspian Sea

### SALIVA

Methods of studying saliva in ruminants K.T. Tashenov. Trudy Inst.fiziol AN Kazakh. SSR 10 207-209 '66.

### SALIVARY GLANDS

Rest potentials of the secretory cells of the submaxillary and sublingual glands in cats and their "spontaneous" changes following intracellular derivation S. D. Kovtun Fiziol zhur. [Ukr.] 12 no. 6:781-786 N-D '66

SALMONELLA
New method of preparing agglutinating factorial H-sera
for the identification of Salmonella, A. S. Zucv. Zhur.
mikrobiol., epid 1 immun, 44 no 1,34-36 Ja '67.

SALMONELLA—CULTURES AND CULTURE MEDIA
Characteristics of bottom cultures of Salmonella typhi
grown on a semiautomatic unit un media of different
composition L D Shumkova Zhur, mikrobiol, epid,
i immun. 44 no.i 54-57 Ja '67.

### SALMONELLA-PHYSIOLOGY

Heterogeneity of Salmonella enteritidis population in respect to decarboylase activity. N.M. IUditskaia. Zhur, mikrobiol., epid i immun. 44 no.158-61 Ja '67. Some characteristics of tryptophan synthesis by typhoid bacteria. B. IU. Shuster. Zhur mikrobiol., epid. i immun. 14 no.1149-150 Ja 187

### SALMONELLA INFECTIONS

(see also subdivision under Armenia) Improvement of laboratory diagnosis of salmonellosis, V, A Kit.sso and others, Zhur mikrobiol., epid. i immun. 44 no.1:65-70 Ja '67.

SALT-EFFECT ON PLANTS see Plants, Effect of salt on

## SALT DEPOSITS

Economic efficiency of flow diagrams of underground pe-troleum products reservoirs in salt formations, Γ, M. Strazetdinov, G, Sh. Kuddarov Transp i khran, nefti i nefteprod, no. 11 32-35 '66.

Exploitation of underground reservoirs of petroleum products, built in salt deposits. IU. G. Isupov. N. N. Khaziov, V. A. Abakamov Neft khoz 4-a no 10:81-64 O '66.

Intensification of process of scouring salt deposits for neingleum products and liquefied gas reservoirs. N. K. Sidoroya. Neft.1 gaz prom. no.6:42-44 N-D '66. Sait karst. A. I. Dzens-Litovskii. Priroda no 1 85-88

Spreading of water jets during leaching out of underground reservoirs, IV. S Vasiuta, V. I Chernikin Transp. i khran, nefti i nefteprod. no II 18-23 166

SALT DOMES see subdivision under Dnieper-Donets Lowiand

### SALT FISH see Fish, Sait

SALT MINES AND MINING

(see also subdivision under Nakhicheyan A. S. S. R. )

Concerning the book by N.G. Trupak "Methods of control-ling water in potash and salt mines." E. L. Shishov and others. Ugo! Ukr. 6 no. 12:44-45 D 102.

# SALTING-OUT

Purification of chymotrypsinogen by fractionated sufting-out with the use of rheologic control. N Ersho-skafa, N. Chamin, Miss. ind. SSSR 38 no. 1:34-36 Ja '67,

# SALTPETER

Influence of the specific surface of sattpeter upon explosive properties of igdanties, V. A. Usachev. Vzryv, delo no. 60/17:197-201 [65].

### SALTS

(see also subdivision under Soligersk)

Corrosion of iron in fused alkali and alkali earth chlorides and carbonates V P. Kochergin and others.

Zhur. prikl. khim 34 no. 6 1258-1266 Je 161.

Surface tension of fused salt solutions in the systems
NaCl - CaCl₂ and NaCl - CaCl₂ - BaCl₂. M. F. Lantratov. Zhur.prikl.khim 34 no. 6 1249-1257 Je '51

#### SALTS, EFFECT OF RADIATION ON

Role of thermal jetks in radiation induced decomposition of salts by heavy therged priticles A. N. Oblivantsev and others Kin i kni 7 no 64015-1019 N-D '66

### SALTWORT see subdivision under Caucasus

### SALTYKOV, MIKHAIL EVGRAFOVICH, 1826-1889

A hasty afti abution. I T Trefimo: Nauch dokl vys. shkoly, filol, nauk. 5 no 1:171-173 162

### SAMARKAND REGION-LOESS

Use of terrigenous components for explaining genesis of baselith ranks in Samarkand region. A A Lazarenko, luesslike rucks in Samarkand region. A Dokl NN SSSR 172 no 3673-876 Ja 167

#### SANATORIUMS see subdivision under Syvatogorsk

### SANCTIONS, ADMINISTRATIVE

Codification of laws on penalties for the violation of administrative rules B M Lazarev and others. Sov gos i pravo no 123-31 Ja '67.

#### SAND, GEORGE, 1804-1866

George Sand before the court of I Belza A Narlevich Vop lit 5 no 9 204-206 S '61

Afforestation of sands in the lower Discour Valley, 1, 1, 1 Huba Lis hosp , hs , pap i der prom, no.116-17 Ja-F '67

Locomotive standboxes for using in under ground mining. A N Vychigin, V V Kharlamov, Mash, i obot, dia mekh i automatiz trud, prots v ugo! prom no, 2 153-159 165 Period between repairs of sand producers D I lamail-zade and others Azerb, neft khoz. 45 no H 33-35 N 466.

### SAND AND GRAVEL INDUSTRY

Supply of rock, gravel, and sand for construction A.V. Gorthov. Energ stroi no 2:40-47 [6]

### SAND DUNES see subdivision under Turkmenistan

SANDSTONE see subdivision under Dniester Valley; Moldavia

Coefficients of lateral stress of sandy soils. M. N. Golub-tsova Shor Nilosn no.56 177-183 '66.

Intensive cultivation of sandy-loam soils P. M. Halev. Vest sell thos nauki 11 no. 12-13-21 D '66.

Nature or critical acceleration for determining dynamic stability of water-saturated sands. Sh. A Sideras Osn., tund 1 meth grun 8 no 5 38-39 '66.

Physical evaporation of moisture from sands and sandy soils N F, Kulik Pochvoyedenie no 4 103-107 Ap 100

Proper has and classification of sands in structure founda-tion bads, O M Reznikov. Osn , fund i makin grun 8 no. 5 8-10 '66

Translational migration of capillary moisture in sandy soils V-IA Staprens Pachvovedenie no 4-10-15 Ap 160.

### SANGACHALY-MORE OIL FIELD-PETROLEUM PRODUCTION

Basic development principles of Sangachaly-More and Duvannyy-More oil fields F.I. Samcdov, Azerb neft, khoz, 45 no. 11 7-10 N 166,

#### SANITARY ENGINEERING-EQUIPMENT AND SUPPLIES

MOlokov, M. V. [Machinery and equipment for cleaning sewerage systems, a survey] Mashiny i oborudovanie dla prochistki kanalizatsionnykh setei, obzor. Moskva, Nilinformatsii stroidorkommunmash, 1985, 38 p. (Serila 3; Mashiny i oborudovanie dlia kommunal'nogo khozlaistya)

#### SANITATION, HOUSEHOLD-EQUIPMENT AND SUPPLIES

Using aluminum in sanitation equipment of buildings, E.M. Notkin, M.N Kleiner, M.D. Gullaeva Biul, tekh, -ekon, inform, Gos, nauch -issl inst nauch i tekh inform. 19 no 12 14-17 D 166.

#### SARATOV-INCUNABULA

Incumbula in the Scientific Library of Shrator University. F. V Germasheva Trudy Nauch bibl, SGU no. 3-11-20 164.

### SARATOV-LIBRARIES

History of the Public Library of the City of Saratov, V 4, hitracyich Trudy Nauch, bibl, SGU no. 3 76-91 61.

SARATOV-LIBRARIES, UNIVERSITY AND COLLEGE Brief news. Trudy Nauch, bibl. SGU no. 3:122-125 '61,

#### SARATOV-LIBRARIES, UNIVERSITY AND COLLEGE-BIBLIOGRAPHY

hibling aphy of articles and pamphiets on the Scientific Library of Salator University published in 1947-1963, M.T. Behakova, V. A. Griasimova, Trudy Nauch, bibl SGU no. 3**2-121** '61

### SARATOV-MINERAL WATERS, SULFUROUS

Effect of the mineral water of the Sokolovogorskiy Spring (Saratov) on the secretion of gastric juice and bile and the discharge of bild S.A Georgieva, E M Ivanov-skaia Vop kur fiziotei i lech, fiz kulit 27 no 6 500-503 N-D '62

#### SARATOV-SHOE INDUSTRY-FINANCE

Components of the profit and its use. V. P. Khi amov. A. A. Plotnikov Kozh robuv.prom 8 no 12:13-15 D 166

### SARATOV GOVERNMENT-HETORY-SOURCES

Articles on Saratov and the Saratov Government in the newspaper "Kolokol," N. A. Kirsanova, A. G. Smianov. Trudy Nauch, bibl. CGU no. 3:32-40 '61.

### SARATOV PROVINCE-AGRICULTURAL MACHINERY

Group layout of machinery in the field. M. Simonov Ekon sel⁴khoz. 42 no.1;99-102 ⁴67

# SARATOV PROVINCE-LIBRARIES-BRANCHES,

DELIVERY STATIONS, ETC.

Joint action ensures success F. Nikolneva, V. Striganov,
Bibliotekai ' 44 no 21-3 F '67. Our work has begun. E. Kuznetsov, N. Nikiforova Bibliotekni 44 no. 2 4-6 F '67.

### SARATOV PROVINCE-OAK

Indices of the productivity of oak coppice wood in various types of forests in Saratov Province -Z I Akacmova. Frudy Sarasel*khoz inst. 15 no 3:3-9 '65

Regeneration of oak in Saratov Province. V A Lebedov Trudy Sar.sel'khoz.inst 15 no.344-18 *65.

### SARATOV PROVINCE-PARASITES-FIELD MICE

Occurrence of Toxoplasma gondif and "m-organisms" in Clethrionomys glareolus of Saratov Province. A. M. Krasnova Zool zhur 45 no. 12:1872-1873 '66

### SARATOV PROVINCE-POLAR

Plantation of popular in Saratov Province. I.II. Kuritsyna. Trudy Sar. sel khoz.inst. 15 no. 3 49-53 '65.

### SARATOV PROVINCE-SOIL CONSERVATION

Correlation relation of erosion processes with factors causing it T M Trifonova. Trudy Sar. sellkhoz.inst 15 no. 3 66-70 '65

### SARATOV PROVINCE-WORKS COUNCILS

Principle is the feature of the Lemin approach  $\ \ V$  Kiselev. Sov.profsojuzy 23 no 14-5 Ja- 67

Trypanosoma and Sarcosporidia of Marmota caudata Geoffr. F A Muratov, A U Kuima, Izv. Otd. biof. nauk AN Tadzh, SSR no. 3 103-105 166.

## SARKIZOV-SERAZINI, IVAN MIKHAILOVICII, 1887-

Ivan Mikhailovich Sarkizov-Serazini; on his 75th birthday. Vop. km., fizioter, i lech. fiz. kulit. 27 no. 6.566-567 N-D *62,

# SARYKAMYSH DEPRESSION—PALEOGEOGRAPHY

Pre-Uzboy, Uzboy, and Post-Uzboy stages of the Sarykamysh basin IU. V. Shumakov. Trudy Turk geog. ob-va no. 2 151-162 161

### SARYSU VALLEY (KAZAKIISTAN)—TITANIUM

Titanium in granitoids of Sarysu-Tengiz watershed, R.N. Sobolev, M.M.Chekhovskikh, Vest Mosk. un. Sci. 4: Geol 21 no. 6 51-56 N-D '66.

### SATIRE

Ershov, L. F. [Soviet satiric prose] Sovelskala satiriche-skala proza. Moskva, Khudozh. lit-ra, 1966, 296 p.

First publications of Russian popular satirical tales E. V Pomerantseva. Sov. etn. no. 2:84-104 Mr-Ap161. Is heroic style compatible with satire? A. Ushakov. Vop lit 5 no. 9:197-204 S '61.

### SAUREL

Reaction of saurel to light as related to the amount of food consumed, S.G. Zusser. Trudy VNIRO 60:215-228 '66,

### SAURY ace subdivision under Pacific Ocean

#### SAUSAGES

Fquipment for placing the sausage casing on the stuffing horn S Olefficials Mass, and 555R 48 no. 1,23 7,462

Methods for statistical atudies of thermal processes in the sausage production for the purpose of their automation, A.P. Rev. A. Brazhnikov, Milas, ind. 555R in no. 1:d0-33 Jn. 467.

### SAVINGS BANK

Developing savings in universent in the U.S. S.R. V. Borrson Vest stit. no 144-23 467

### SAVODNIK, ALEKSANDR VLADIMIROVICH, d. 1960

A. V. Savadnik; obitinary. Radiotekhnika 22 no. 1413

### SAVRASOV, ALEKSEI KONDRATTEVICII, 1830-1807

Savrasov, A. K. Aleksel Kondrattevich Savrasov, Mosk 1, Sov. khudozhnik [1965] 9 p. 39 plates [In Russian, English, French, and German] (Mit)

#### SAWFLIES

(see also subdivision under Carpathian Mountain region)

Equipment for protecting the eggs and largue of fox-colored pine sawily from the effect of low temperatura Shor, nauch, -issl., rab, polles, khoz. no. 6/367-369 (6)3

Varakin, IU. M., K. S. Klykov, and V. B. Prelovskii. [Me instor the automation of sawmilling and woodworking production] Sredstva avtomatizatati lesopil'no-derevo obrabatyvajushchikh proizvodstv. Moskva, Lesnala promyshl., 1967. 354 p.

### SAYAN MOUNTAINS—ANDALUSTEE

Andalusite in pegmatites of the Wentern Sayans, V A, Khvostova, K M Feedoffey Trudy Min. maz. no P 239-244 [6],

### SAYAN MOUNTAINS-CARBONATITES

Rate earths behavior in the carbonatite formation as to venied by carbonathe manife of the Fantern 513 ma, F, P Vainshtein, I K Pozharitakata, N, V, Turmek (1) Gookhimita no 11 10 11-10 14 261.

### SAYAN MOUNTAINS—EARTHS, RARE

Rare earths behavior in the carbonattle formation on te vealed by carbon title magnifu of the Pastern 535 mo E E Vainshtein, I. K. Pozharitskala, N. V. Imanskala Geokhimia na 11 [0.41-1034 | 5].

### SAYAN MOUNTAINS—ELECTRIC RAILROADS

They are from Abakan - Payshet. Fransp. strol. 15, no. 3 28 Mi '66

## SAYAN MOUNTAINS-GEOLOGICAL TIME

Geneals and age of slope block-rock debtha-loam acdi-ments in northern part of Yentacy Range and northern ern part of Eastern Sayan, S. P. Clorchitov, Dokt A., SSSR 172 no. 4 645-660 Ja 467.

SAYAN MOUNTAINS—GLACIAL EPOCH Traces of Late Quaternary glaciation of Pastern 535 m in southern part of Central Sherian Platenu V.D Volloshnikov, Izv AN 555R, Ser., geol. no. 175-62

## SAYAN MOUNTAINS-MAGNETITE

Internal structure of certain magnetite formations. V. N. Sergeev. Trudy TGU 164:54-62 63.

## SAYAN MOUNTAINS-MEDUSAE, FOSSIL.

Remains of Protomedusae from lows of Karagasakty series in Fastern Sayan, A. Q. Vologdin, Daki, AN 898R 167 no. 2 134-136 Mr 186,

## BAYAN MOUNTAINS-PETROLOGY

Petrography of Osiphuskiy ultrahasir mossif (Lagtera Sayan), 10, N, Kolesnik, 177, AN SSSR, Ser, god. as 1 45-57 Ja (67,

## SAYAN MOUNTAINS-PINE

Cutting age of Siberian pine stands in the Fastern Sysa-regions, I. A. Nakhabtsev, Sbor, nauch, -isel, rah, yo-les, khoz, no. 6;92-101-63.

## SAYAN MOUNTAINS-PSEUDOMORPHS

Pseudomorph of nickel hydrosilicates by millerite. B. M. Tiuliupo. Trudy TGU 164-16-20 63.

### SAYAN MOUNTAINS-QUARTZITE

iron quartzites of Western Sayans and prospects for their development. I. K. Bazhenov. Trudy TOU 184:3-10 163.

Secondary quartities. B. M. Tiullupo. Trudy TGH 154: 11-15 163,

## SAYAN MOUNTAINS—ULTRABASITE

Petrography of Osipinskiy ultrabasic massif (Basiera Sayan). IU. N. Kolesnik. Izv. AN SSSR. Ser. gool. no i 45-57 Ja 467.

### SCAB DISEASE IN SHEEP

Cherkasskii, E.S. [Modern means and methods for con-irolling scab disease in sheep] Saviemenaye sredstva i metody bor by a chesotkami ovets. Moskva, Kolos, 1988. 199 p. (Bibliotechka prakticheskogo veterinar-popo vracha) (DNAL)

SCALDS see Burns and scalds

SCALE INSECTS see subdivision under Gissai Range

Variation in relationship between body and scale growth in bream, reach and pike perch in various reservoirs, I.F. Shentlakeva, Trudy lint blot vnutr vod. no.10 163-181 466.

Variation in relationship between body and scale growth in local fish populations, L.F. Shentiakova, Trudy (ast, 140), vauti, vod. no. 10,175-181 466.

### SCALP-DISEASES

Melandology for noestrenological epilation in mycoges the scalp A G. Suntsov. Med rad 7 no. 10 25-27 O 162

Skells covered with resin in sepulchers of the Bronze Age, 1, 8, Kluin. Sov. ein. no. 2:105-109 Mr-Ap *61.

## SCANDENAVIA—CITY PLANNING

Consideration of natural factors in the construction of residential houses in the Scandinavian countries, travel impressions [7] V. Zvonkova Vest, Mosk un, Ser. 5; Geog. [6] no. 1 21-24 Ja-1 [6]

## SCANDINAVIA-PHYSICAL GEOGRAPHY

Through Scandinvia: excursion of the participants of the 19th International Geographical Congress. E. N. 19k mhovn. Vest. Mosk, un. Ser. 5. Geog. 16 no. 5: 63-85 Ja-F * 561.

### ECANDINAVIA-SHIPBUILDING

Surlying the history of shipbuilding in Denmark, Sweden, and Kristony, A.E. Kristensen, Sov. etn., no. 6:17-29, N-D '66.

## SCANDINAVIAN LANGUAGES-PHONOLOGY

Steblin-Kamenskif, M.I. [Sketches on the diachronic phonology of Scandinavian languages] Ocherki po diakhronicheskol fonologii skandinavskikh iazykov. [Leningrad] Lzd-vo Leningr, univ., 1986. 145 p.

## SCANDINAVIAN STUDIES—CONGRESSES

At the conference of Soviet acholors on Scondinavia, V. Pinichtenko, Nauch, dekl. vys. phkoly, ekon muki 10 no 1 95-98 *97.

### SCANDIUM COMPOUNDS

Siability of citrate and evalute complexes of scandium V.N.Kumok, N.A.Skorik, V.V.Serebronnikov Trudy TGU 185:129-131 '65.

Stability of scandium complexes with acctate, lactate, and maloute ions. V. A. Kuleeva, V. N. Kumek, V. V. Screin ennikov – Trudy 1010–185, 141-145–165

### SCATTERING (PHYSICS)

Angular distribution and transport cross sections, V.A. Bikov, V.M. Duber Teplofiz, vys temp. 4 no. 8, 472-473 N-D 166.

A72-873 N-I3 60s.

Bat', A.I., IA, B.Zel'dovich, and A.M. Perelomov.

[Scattering, reactions, and decays in nonrelativistic quantum mechanics] Rasselanto, reaktail i raspady v arreliativistakot kvantovot mekhanike. Moskyn, Nauka, 1966. 330 p.

the representation of interaction. V. A. Oalshelark Vest. Mosk. un. Ser. 3; Phy. , astron. 21 no 6;19-24 N-p '66 Description of stable and metastable bound states in

p '66
Determination of high-energy asymptotic behavior of the scattering amplitudes of quantum mechanical particles to energy-dependent potentials. V I. Malichenko. Ukr. mat Antr. 18 no. 1:102-168 '167.
[Heective mouncing of horith of heavy nuclei at the saddle point] Effektivnye momenty inortali tinzhelykh lader v secilovol tochke [by] S A. Karamian i dr. Dubia., 1967. 30 n. 1967. 30 p.

Logunov, A.A., and M.A. Mestvirishvill. [Small-angle scattering and a lower bound for the decreasing amplitufe at large angles | Rassolante na malyougly i siximiala granitsa ubyvanila ampidudy v oblasti bol'shikh uglov, Dubna, 1967. 10 p.

Statistical scattering and Orear formula. J. N. Sisahian, F. L. Feinherg, D. S. Chernavskii. Pist, vied, Zhur, eksper, i teoret, fiz. 4 no. 10:432-435 N 108.

Treory of the effect of transfer in crystals with pores, Fliction and phonon scattering on pores, B. N. Ivanov, Teploftz. vys. temp. 1 no. 6:875-877 N-D 186.

Volkov, M.K. [Four-dimensional unitary relativistic model in quantum field theory without divergences] Chetyrckhmornata unitarnata reliativistskata model' kvantovel teorii potia bez raskhodimestei. Dubna, 1967. 17 p.

# echeduling (management)

reblem of the schedding theory, V. A. Perepelitsa. Kibernetika no. 8,75-78 S-O 168.

Problems of standardization in systems of network planning and management. B. A. Shutov. Stand. 1 Fuch. 30 no. 11:65-58 N 166.

Serova, Z.1. [Collection of examples on planning, veri-fication, and calculation of network models] Shornik primerov postroenitu, proverke i raschetu setevyk modelei, Moskva, Ekonomika, No.4, 1986, 56 p. (Kursy po obuchentlu ruxo-vodiashchikh rabolnikov metodam setevogo plani-

rovanija i upravlenija)

SCHEFFLERA see subdivision under Vietnam, North

#### SCHIFF BASES

Catalytic condensation of Schiff base with aliphatic betones O. K. Koziminykh, S. IA. Chumakov, I. A. Sher. Uch. zap. Perm. ped. inst. 32 44-49 465.

Synthesis of butadione derivatives, N. S. Kozlov, A. I. Krylova Uch zap, Perm ped, inst. 32 57-61 165

Characteristics of allergic reactivity of the skin m schizophrenia iU, A ll'unskin Zhur, nevr i psikh 62 no ll 1701-1706 *62,

Characteristics of the pathology of nerve cells in the cerebral cortex in schnzophrenia, V S, TSivil'ko Zhur, nevr. 1 psikh. 62 no. 11 1712-1722 162.

Clinical aspects, pathogenesis, and treatment of late schizophrenia and other psychoses in the period of in-volution, harmonal disorders in psychoses in the period of involution. S G. Zhisiin and others. Trudy Gos, nauch, issi inst psikh. 26,23-36 161.

Clinical aspects, pathophysiology, etiopathology and treatment of schizophrenia. A. A. Pereilman. True Gos, nauch vissi, inst. psikh. 26,7-15. *61.

Combined therapy with insulin shocks and prolonged sleep in schizophrenia M. P. Chernukhma and others dy Gos, nauch -issi, inst. psikh, 26 97-103 *61.

Comparative analysis of defective states in schizophrenia and psychoses of theamthe etiology. M. I. Poleva Trudy[GIDUV no. 4:87-99 162

Correlation of conditionally conditioned and conditionally unconditioned reactions in manic-depicasive psychoses during the depressive phase) and in schrophrenta with a depressive syndrome. P. G. Smetannikov [Trudy] GIDUV no 4 195-104 '62,

Correlation of motor and vegetative unconditioned reactions in manit depressive psychoses (during the depressive phase) and in schizophienia with a depressive syndieme. P. C. Smetannikos [Toudy GIDUV no. 1 188-

Differentiation between schizophrenia and late traumatic psychoses with schizophreniform symptoms, E. N. Mar-koya, [Trudy]GIDUV no. 4:113-131 162,

Novel, triangleter and the second of the sec

Party neurotoid manifestations of schizophrenia, M N Gaisina, [Trudy]GIDUV no. 4:102-112 162

Fifect of aminazine and scipasil on the vegetative nervous system in schizophrenics. R. F. Kokanbaeva. Trudy Gos, nauch, -isal, inst, paikh, 26:137-146 61.

Effect of aminazine on vascular reactions in schizophrenia. L.T. Viktorov [Trudy]GIDUV no. 4 227-233 162.

Fifact of carbocholine on the higher nervous activity in manic-depressive psychoses (during the depressive phase) and in schizophrenis with a depressive syndiome. P. G. Smetannikov. [Trudy|GIDUV no. 4 205-218 162,

Electroconvulsive therapy in schizophrenia according to materials of the Tomsk Psychoneurological Hospital, S. I. Liutov. Trudy Ons, nauch, -isst inst. paikh 26-104-

13 '61.
Immunological reactivity of the body in schizophrenia and oligophrenia. N V. Vasillev, B N. Shmidt. Trudy Gos, nauch, -issl, inst, psikh. 26-63-72 '61.

Insulin therapy in schizophrenia in the words for unruly patients of the Tomak Psychoneurotogical Hospital.

L. L. Zhurko and others. Trudy Gos, nauch, -issl inst. psikh, 26:77-79 Bl.

Insulin treatment of schizophrenia with a chronic unfavorable course. L. D. Shapovatova, M. G. Pakhonaova, Trudy Gos, nauch, -issl. inst, psikh. 26:80-82 ¹⁶¹,

"Limits" of active therapeutic intervention in schizophre-nia. A. L. Gamburg, Trudy Gos, nauch -issi, inst. psikh. 28:114-121 161.

Materials on insulin therapy from the reception departments of the Toursk Pshychoneurological Hospital, E. G. Garganeva and others, Trudy Gos, nauch, -issi inst psikk, 26,73-76 ¹⁶l.

Methodology of the diagnosis of schizophrenia and infec-tious psychoses. B. IA. Pervomatskii. [Trudy] GIDUV no. 4:100-101 '62.

Pathophysiological characteristics of the forms and stages of schizophienia. N. A. Mikhailova [Frudy]GIDUV no. 4:15-28 162.

Pentamin treatment of some hypochondriae states in gehizophrenia. M. S. Zeieva. Trudy Gos. nauch, -issi, inst. psikh. 26:128-136 [†]61

Problems of treatment and work ability of schizephrenics with craniceerebral traumas in their anamnesis. A. G. Ambrumova. Trudy Gos. nauch, viest. inst, paikh. 26; 121-127 161.

Relation of the motility of cortical processes under normal conditions and in schizophrenia patients. N G Mitohubov, IU S, Nikolaev Zhur nevi i psikh 62 no. il 1696-1700 162

Relationship between psychogenia and schizophrenia. L. L. Rokhiin Trudy Gos nauch -issl. inst psikh 26 16-22 *61.

Romasenko, V.A. [Hypertoxic schizophrenia; clinical and morphological studies] Gipertoksicheskan shizoficnita, klinko-morfologicheskie issicdovania Moskva, Meditsina, 1967 238 p.
(DNLM)

S S Korsakoff's amentia and current viewpoint as to the nature of Schizophrenia L. F. Sluche, skii [Trudy] GIDUV no 4.6-11 '62.

Some basic principles of the treatment of schizophrenia L.G. Ravkin. Trudy Gos nauch -1881 inst psikh. 26 37-

Some data for the comparative evaluation of the results of treating schizophrenia with insulin and aminazine. Trudy Gos, nauch, -isst inst. psikh, 26 83-86 161.

Study of the reactivity of the body in schizophrenia (acute leucocytic reaction) V. L. Zapuskalov Trudy Gosnauch, -isst, inst. psikh 26 57-62 *61

# SCHLIEMAN, HEINRICH, 1822-1890

Enthusiasm, unselfishness, and dilettantism F. Fedorov Nov. mi: 42 no 7 273-277 Jl '66.

#### SCHOLARS

SCHOLARS Ul'lanovekala, V.A. [Formation of the scientific intelli-gents a in the U.S.S.R., 1917-1937] Formirovante much-noi intelligents it v SSSR 1917-1937 gg Moskva, Nauka, 1966 213 p.

## SCHOLARS, AZERBAIJANI

Abdurrazabbek Dumdull, an outstanding Azerbaijani scholar, A. A. Ruliev. 12v. AN Azerb. SSR. Ser. ist filos i prava no. 3:100-108 '66

#### SCHOOL DECIPLINE

Measures for tightening the school discipline introduced by the Russian Government in the second quarter of the 19th century, IU.S.Kimov Uch zap Kab -Balk, gos un no 27 44-53 '65.

### SCHOOL EXCURSIONS

Displaying the material gathered during excursion, L. P. Shestak. Nach, shkola 35 no. 2,40 F '67

Raising the effectivity of student excursions. L.I Gents-ler Shholn i proizv. 10 no 12:80-65 D '66

### SCHOOL HYGIENE

Protection of the schoolchildren's health. A. Mikhailov Na: obr no 1 62 Ja '67.

SCHOOL MANAGEMENT AND ORGANIZATION (see also subdivision under Krasnoyarsk Territory) Let us be more businesslike and responsible Nat. obr. no. 2/2-7 T '67.

Not only for verification. N.P. Borodavko. Vech, sied. shkola 9 no. 5:24-27 S-O *66.

### SCHOOL SHOPS

Teaching the adolescents to organize their work in a proper way II, Z. GH bukh Shkola i proizv. 10 no.12 13-17 D *66.

SCHOOL SHOPS—EQUIPMENT AND SUPPLIES
A clip for the holding of visual aids, V.A. Gmylev,
Shivola i proizv 10 no.10.52 O '66
Design of work benche, and the requirements for a
school work bench, A. E Trutovskii Shivola i proizv
10 no.1042-46 O '66.

A device for the making of holes. A, M, Mitrofanov, Shkola i prouze, 10 no.10:47-48 O 168.

A machine for tool sharpening. S. E. Kokorev. Shkola i protzv. 10 no 10 54-55 O '56.
Material and technical basis of achool workshops A I. Solutanov. Shkola i protzv. 10 no.10 5-16 O '56.

A table for operating a jig-saw. I. E. Cherniad'ev, Shkola i proizv. 10 no. 10 49 O '66

# SCHOOL SUPERINTENDENTS AND PRINCIPALS

A difficult and unrestful position. V. Kondrashov, Nar. obr no 1:80-83 Ja '67.

### SCHOOL SUPERVISION

Berezniak, IE.S. [Problems in the supervision of the work of schools and teachers] Pytamia inspektuvannia raboby shkoly i vohytelia. Kyiv, Radians'ka shkola, 1994, 279 p. rat. 1984, 2. (NN)

SCHOOLHOUSES -- DESIGN AND CONSTRUCTION see subdivision under Kalinin, Leningrad, Moscow

### SCHOOLS-FURNITURE, EQUIPMENT, ETC.

How we equipped a study room of history and social sciences. IU. A. Sergievskii. Sred. spais. obr. 13 no. 7:36-38 Jl '66

## schools, syrian

Medieval schools of Syria. N. V. Pigulevskaja Palest. sbor. no.15;130-140 '66.

#### SCIENCE

Develop the creative initiative of the scientific and technological community, M. V. Pashkov no 17-8 Ja '63, Poligr proizv

SCIENCE-BIBLIOGRAPHY see Bibliography-Science

#### SCIENCE-METHODOLOGY

Dialectics of the comparative method in natural sciences, L I Ivashevskii Trudy Irk, un. 38 no 4 43-63 '65

The role of experiments in the formation of scientific hypotheses, i.v.Ryndin Vest. I.GU 21 no 23,80-84 '66

Troshin, D. M. [Methodological problems of modern science] Metodologicheskie problemy sovremennot nauki. Moskva, Vysshata shkola, 1986, 174 p.

### SCIENCE-SOCIAL ASPECTS

The functions of science as a direct productive force of society N.I Babenko, Trudy Irk, inst. nar. Phoz. no. 1 286-274 186

"Futurolog, " G. Todoichev, Nov. vrem. 25 no 10 31-32 Mt '67

#### SCIENCE AND CIVILIZATION

Mythology of a technical era M. Turovskaia Nov mit 38 no 12:242-251 D '62

SCIENTIFIC APPARATUS AND INSTRUMENTS see subdivision under Riga; Ukraine

### SCIENTIFIC SOCIETIES

Centennial of scientific and technical societies N. V. IAkusheva, I L Cherniak Neft khoz. 44 no 11 60-63

Centennial of scientific and technical societies in U S. S. R Azerb neft khoz 45 no, II.J-4 N 166.

### SCIENTISTS

Scientists and technologists Shkola i proizv, 10 no.10-94 O '66.

Ul'lanovskaia, V.A. [Formation of the scientific intelli-gentsia in the U.S.S.R., 1917-1937] Formirovanie nauch-noi intelligentsii v SSSR 1917-1937 gg Moskva, Nauka, 1966 213 р

#### SCIENTISTS-BIOGRAPHY

Scientists and technologists. Shkola i proizv. 10 no.12, 87-89 D '66.

### SCINTILLATION (PHYSICS)

Density of luminous energy. IU. A. TSirlin, L. E. Pargamanik, A. R. Daich. Opt. 1 spektr. 21 no. 5 643-644 N '66.

Temperature dependencies of a- and y-scintillation pield for Csl(Ti), Csl(In), Nal(Ti), and Lil(Eu) crystals, L. E. Grudskala and others. Zhur, prikl, spekt. 5 no. 5:655-659 N '66,

### SCINTILLATION COUNTERS

SCINTILLATION COUNTERS
Calculating optimal dimensions of scintillating crystals,
A, M Kol'chuzhkin, V V Uchaikin, V, V, Ryzhov,
Defsktoskopija 2 no. 6.64-66 '65.
Gamma -ray scintillation chamber with the GJ (Rb)
representing crystal, I. S. Osipov, A. M. Ovchinnikov,
L. M. Shcherbakov, Izv. AN Arm. SSR. Ser. tekh. nauk
19 no. 6:34-41 '66.

Polystyrene scintillators for beta counting with POPOP as a luminescent additive. I.F. Zubareva Biul, nauc tekh, inform, po agron, fiz. no. 8/9 55-58 '60'

Scintillation transducer with 2 1% resolution for 6 6 Mev protons. T. N. Mikhaleva, D. L. Chuprunov Vest Mosk on Ser 3: Etc. astron. 21 ac 6 to 2.50 N. D. too.

### SCREENS (MINING)-DYNAMICS

Dynamic coefficient of resonance acreens depending on supports V. K. Presniskov. A. M. Avdeev Izv.vys. ucheb zav., gor zhu: 8 no 10,98-100 '65

### SCREW CUTTING

Mechanization of screw thread cutting A. Bahadzhanian Prom. Arm 9 no. 11 69 '66.

### SCREW CUTTING-STANDARDS

Russia (U.S.B.R.) Gosudarstvennyl komitel standartov,
mei I zmeritel'nykh priborov
[Finishing taps for cutting met ic threads in circular dies, allowances and
working dimensions for the adds | Metchiki chistovye dila
narezantia metricheskoi rez'by v kruglykh plashkakh,
dopuski i ispolnitel'nye razmety na 1 cz'bu, MN 5359-64,
MN 5360-64 Moskwa, Izd-vo Standartov, 1964. 15 p
(SSSR Normall mashinostroenlia)

### SCREW THREAD ROLLING

Tool for the formation of internal large-diameter threads by the method of plastic shaping. S. 1 Zhitintskii, I. M. Natapov. Stan i mstr. 37 no. 12 30 D 166.

#### SCREW THREADS

New method for dividing multiple threads IU. Λ. Vino-gradov Mashinostroitel' no.1(19 Ja '67.

#### SCREWDRIVERS

Problem of the precision in tightening screw threads with sectional tools, I.L. Blace Ayt. prom 33 no. 1:38-40 Ja '67

Self-stopping threads. I.I Plita. Mashinostrojtel' no.1:6 Ja 167.

### SCRUBBER (CHEMICAL TECHNOLOGY)

Scrubber with movable packing. V. I. Kostiuk, A. N. Kriukova, Gaz prom. il no.12 50-51 '66.

Testing a scrubber model with varying cross section. N. D. Khirin, R. P. Lozinskii, N. V. Pesti ii. Teplornergetika 7 no 8 38-41 Ag 160.

### SCULPTORS, MORDVINIAN

A rare talent, V. I. Borisov, Sov arkh no. 5 105 186.

#### SCULPTURE

Plastic images of IUrii Chernov. I. Kuptsov. Iskusstvo 29 no. 12-24-26 166.

### SCULPTURE, BALKAR

Singing stones. Aleksandra Pistunova, Mol. komm. no. 4 108-108 166,

### SCYTHIAN ANTIQUITIES

Gosudarstvennyi Ermilazh. (Treasures of Scythian kur-gans in the collection of the State Hermitage) Sokro-vischa skifskikh kurganov v sobranii Gosudarstvennogo Ermitazha, Tekst M.I. Artamonova, Prague, Artifa [1966] 120 p. illus.

### SEA BATHS see Baths, Sea

SEA ICE see subdivision under Balleny Islands, Mirnyy Station, Antarctica; Wilkes Station, Antarctica, see also subdivision 'Loo' under Caspian Sea; Laptey Sea

### obdivision under Caspian Sea)

level of carth's water bodies, Report No. 2, K.K. Markov, I. A. Suetova Okeanologiia

### DLOGY)

ision under Romashkino Oil Field)

of scaling element of packer when n testers. G.D. Sukhonosov. Neft 23-24 D '66.

cal, T.1, Minenko, Mast, *zhir, prom.

sacks containing liquid. N. M. Lavrov. prom. za 1861 g. 467-68. m of annular scaling slots. V. L., mashinosti. 47 no.1.27-30 Ja 167. ly in the use of nickel-free ceramic for turbogenerator sealing L. Moldavskii, Porosh, met,

materials for separators, S. V. Genell A V. Novikov. Plast, massy no. 1.72 187. scaling of threaded joints of casing. Wash, i neft, obor, no. 11:27-28 '66.

encing the strength of rubber scaling raulic drive. D. B Dobi ushkin and rez, 26 no. 1:36-40 167,

sealing collars of rods in petroleum alves, M D, Sokov, Neff, khoz, 44 36.

chine for cans of various shapes. 1, M, tobr.v ryb.prom.za 1961 g. 168-72.

### SEALS (ANIMALS)

Some data on ser ological analysis of Pagophilus græn-landicus Erxloben stock V.I. Horisov Zool. Phur. 45 no 12 1890-1892 166.

Studying the filariae, parasites of fur scale, S.L., Deliamure, S.Z. Dubovyl, A.S. Skriebin, Lev Kzym, old Geog. ob-va. no. 6:198-200 (61

SEALS (ANIMALS) -- PARASITES see Parasites -- Seals (Anlmale)

## SEAMANSHIP—COLD WEATHER CONDITIONS

Wreck of the medium-size fishing travier "Rokaltogorsk" under conditions of honey loing. ftt, Nachiev. Mer. flot 27 no 1:25-27 Ja 167

### SCAMEN—DISEASES AND HYGIENE

Morbidity, prevention and antiretapse treatment of flicu-matic fever in the northwester, water ways basin—IA (1, Sovemy), O. V. Vinogradskii—bov. med—29 no 10 74 Sovetnyi, O. V. Vinogradskii Sov. med 76 O 166.

### SEASONAL VARIATIONS (DISEASES)

Cause of seasonal variations of the relative number of bacteriologically confirmed dysentery cases. G. N Raikhshint, Zhur, mikrobiol., epid, I immun. 11 no. 1 70-74 Ja '67,

### SEAWATER—OPTICAL PROPERTIES

Determining hydro-optical characteristics on basis of measuring coefficients of spectral brightness of section stream. I V Semenchesko Ökennologita 6 no. 6:107.3-1080-108

### SEAWATER, DESTILLATION OF

Water consumption norms and choice of the capacity of distillers on dishing hoats. G IA, Lukin Switchte cuir 56 no. 12:11-16 D '66

### SEAWATER, DISTILLATION OF-EQUIPMENT AND SUPPLIES

Thermal ententation of flash evaporators for densitatives of scawater. M. B. Vaisblat, S. I. Golub, V. B. Cherno zubov. Vud I nan tekh, no. lki-fi N 166

### SEBRYAKOV (VOLGOGRAD PROVINCE) -- CEMENT INDUSTRIES

With the same number of workers the production doubled. Petr Mordvintney. Na stroit Ros. 1 no. 819  $\pm$   $A_{\rm B}$   $\pm$  23.

SECONDARY EDUCATION see Education, Secondary

### SECONDARY RECOVERY OF GAS

Geological factors affecting results of formation treatment in gas recovery stimulation, I.A. Kopesov, V.G. Khelikvist. Gaz. dele no. 12 3-5 466

### SECONDARY RECOVERY OF OIL

(see also substitution under Severnyy On Field)
Development problems of condensate oil fields. IU.V.
Zheltov, V.N. Martos. Neft. khoz. 14 no. 12:32-35
D '96.

### SECRET POLICE

The Great October Socialist Revolution and the struggle against the terrorist acts of the White Guards, O. Annel kin Sots, zakon, no. 2 8-15 F 167,

Comparative evaluation of the secretory and show hing functions of small intentine loops isolated by money of different methods. IV, V, Kononov. Fiziol./hm; 52 no.12;1463-1470 D '66

Role of compensatory processes in the regulation of secretary activity of a denervated mammary gland in goats G B Tverskoi Fiziol zhut. 52 no. Il 1364goata G B 1373 N '66,

### SECTS

Inhumane characteristics of the accturian preaching

"Love thy neighbor." A. K. Bychko. Pyt. atciz
no. 1,92-99 '65.

Kaushanskil, P. L. [Ideology and activity of Christian
seels] Ideologia i deintel nosi' khristianskikh ackt,
[Kemerovo] Kemerovskoe knizhnoe izd-vo, 1905. 197 p. (InU)

Natasha's fate. I. Chdrmenskil. Sots. zakon. 38 no 7. 61-65 JI 161,

### SEDATIVES

Evaluation of the scalative effect of premodication, V.A. Gologorskii, A.D. Chasavnikov, Sov. med, 30 as 1-108-116 Ja '67,

### SEDIMENTATION AND DEPOSITION (see also subdivision under Azerbaijan)

Intensity of the sitting of ponds in the Northern Caucasus M IA, Prythova Cidr, ( mel 10 no. 1:46-51 Ja 167

Purifying neutralized hydrolysates of suspended aubstances by the mothed of continuous settling. I.1. Korol'kov. Z.A. Tingunova, G.D. Paramonova. Fuer-trud. NIGS 14:28-35 '60.

Study of nonscouring velocities in the presence of waves. P. Volkov. Rech. transp. 20 no. 7:43-44 Ji '61.

Tendency of variability of entropy of granulometric frac-tions of terrigenous rocks and its relations to dynamics of aedimentation medium. A. I. Afnomer, E. J. Horasnov skit. Dokt. AN SSSR 171 no. 4:060-062 D '66

Theory of acdiment motion. IV.A. thad-zade, F.M. Shikhiev. Trudy Azerb, geog. ob-va 3:104-116 166.

MENTARY ROCKS see Rocks, Sedimentary

MENTS (GEOLOGY) see subdivision under Dniepernels Lowland; Kazakhstan, Lazarev Shell Ice YFF BUOM

which drives of the fans in the furnace rooms of trickovskii in the hybrid and high-quality corn seeds, i.d. Mr. GO. L. Shapiro, Muk, -elcv, prom. 26

MODUCTION ealso subdivision under Carpathian Mountain

ted herbicides on the yield and quality of sugar 1.36-41 J. S. Dolla, Khim v selv, khoz. 5 tof mineral fertilizers on the sugar dynamics of present seed fertilizers on the sugar dynamics of plants grown without it amsplantation.

TEV, AN KI, SSR no. 2:60-67 S-O '66, approved to the standard seed. L.A. Improved production of coriander seed. L.A. eako. Mastire of principles of coriander seed. L.A. mag time for principles of the for principles of the following for principles of the following figures. Sbor, nauch -isst tab poles. Phos. 188-208. C.B. Description of the following figures.

i Neeme and Jana Legajão Practical exercises stant breeding and seed production] Sordiaretuse seemne kasvatuse praktikum Tallinn, Valgus, 1968. [in Estonian] (DNA L.)

# ring Pine conos and seeds of the same tree. E.P. 163 '66. Izv. vys.ucheb zav.; les zhur. 9 no 6; &-CLEANING

ication of an offective method for the final cleaning learling of Pea and millet seeds. O.A.Ovseplan. is sel'khoz. nauki [kozskh.] le no.199-93 Ja 167, data on the Physical and mechanical characteristics confer species in connection with the selection of the steffice restriction of the steffice restriction of the steffice restriction of the steffice restriction. Shor, nauch, issl, rab, po lea, khoz. 6318-328 163.

## S-DISIMFECTION

centralized seed disinfection. I. Ostoshevskii, Bolko. Zasheli, rast. 12 no. 1:31-32 '67. rove labor conditions in seed disinfection

Borrsenko. Znshch, rast. 12 no. 1.21-22 167. dry disinfection of millet seeds. L.F. Sevrinkova.

idy KHSKIII 56 48-51 66, ing the chemotherapeutic method for ridding ernelons of fusarium yellows, V.V Skorik Trudy SKHI 56:60-71 160.

retical bases and practice for the use of FSP-3, 45 orption gas preparation G.D. Dakhniuk, V.IA

disystemic authorances as a means for ridding peas scochyta blight, N.N. Khmell, Trudy KHSKHI 56 101 '66.

### 6-GRADING

tof the grading of seed on the yield and quality of seeded grain. N.V Alekhin Doki, TSKHA no. 44-

# S, EFFECT OF TEMPERATURE ON

t of low temperatures on the germination of No way ace seeds. IU. A. Zlobin, N. P. Grosheva Izv. vys. eb. zav.; los. zbu. 9 no. 6:13-17 '66.

# 8, EFFECT OF TRACE ELEMENTS ON

ct of trace elements on the blochemical processes germinating souds. P. A. Vlasiuk. Dokt. Akad. Phoz. nauk no. 9;8-12 5 '66.

mating scepage. A.P. Smirnov and others, Stroi. i

ZHA (KARE LIA)—PAPERMAKING MACHINERY emization of the papermaking machine No. 1 of the pala Woodpulp and Paper Combine, M. V. Il'inskii magodel*. Mach. no. 13:177-182 '65,

WE PROSPECTING MC PROSPECTING 60 Also Sulbdivision under Apsheron Peninsula gami dien of fracture of coal specimens by crushing, A. G. islantinova. Izv. AN SSSR Fiz. zem. po. 11:28-35 '66.

istantinova, no. 11:29-35 like properitos of meiemorphic rocks of Krivoy Rog die properitos Dischkova, V.S. Gorbenko, M.N. Kudsia, A. I.A. Geofiz, shor, no. 17:45-61 166, visava.

viseva. of areat grouping. F. M. Gol'tsman, uency theory of areat grouping. F. M. Gol'tsman, uency theory of aspr. setsm. volume no. 3:304-402 159, p. din. teor.

p. cin. teor. The present with no. 3:384-402 169.

pretation of recordings made by acoustic logging pretation of recordings made by acoustic logging pretation of recordings made by acoustic logging.

pretation of recordings made by acoustic logging pretation of recording serios 16.

AN SSSR in grouping explosions. I, I, Gurvich, mic effect II zv. vys. uchob. zav.; geol, i razv. 10 lid5-117 cting in water conditions.

hi65-117 of the gin water areas for purposes of hic pros Pocting in water areas for purposes of hic pros Pocting. A, B, Kalinin and others. Transp. heering \$2.51-52 F 166.

Surface travel time curves of reflected waves in anisotropic media, G.S.Kravtsov, Trudy TGU 164:130-137

Using absolute amplitude characteristics of waves for tuning of apparatus in deep seismic sounding operations in sea. I. N. Galkin – Izv. AN SSSR, Fiz zem – no. 11 100-107 166

### SEISMIC WAVES

Applying methods of mathematical statistics in determining velocity parameters of catth's crust by hodo-graphs of reflected waves, A V.Egorkin Izv AN SSSR. Fiz.zem no 12 54-61 166.

Inverse problem of the theory of propagation of seasmic waves, A.S. Blagoveshchenskii, Probl. mat. ftr. no 168-81 '66.

Model studies of two-dimensional seismic wave guide with sharp cutoff P G Glibershitin, I, I, Guryich, V Pochtovik 1zv. AN SSSR, Piz, zem no. 12 11-27 166

Short review of seismic wave absorption theories Part I S IA Kogan Izv. AN SSSR Fiz zem no. Il 3-46 '66

Short review of seismic wave absorption theories. Put S IA Kogan. Izv. AN SSSR Fiz zein. no U 17-28 166,

Ways to determine velocity parameters of earth's crust profile by hodographs of reflected waves. A. V. Fgorkin lav AN SSR, Fiz. zem. no. 31:108-114, 466

### SEISMIC WAVES-SPECTRA

Spectrum of selamic impulse near source of explosion as determined by experimental data 1, 1, Gurvich, 12v AN SSSR Piz, zem, no. Il 36-44 '66

#### SEISMOLOGY

(see also subdivision under Poland; Yakutia)

Relationship between geotectonics and solar activity A.D. Sytinskii Inform biul Sov antark eksp. no 28 5-10 '61

#### SEISMOMETERS

[Apparatus and methodology of seismic observations; seismographs, oscillographs, analyzers] Apparatura i metodika seismometricheskikh nablindenii, seismograty, ostsillografy, analizatory. Moskva, Nauka, 1996. 158 p.

#### SEISMOMETRY

Calculating theoretical seismograms of interference vibrations, L. N. Matinovskais, V seism, volu no, 3;350-377 159, Vop, din, teor, 1 aspr,

Construction of theoretical sciemograms in the vicinity of initial points. N. S. Smirnova, N. I. Ermilova, Vop. din. teor. respr. sciem. vol. no. 3161-213 159.

Construction of theoretical seismograms of reflected and refracted shielded waves with zero approximation IU. A. Votonin. Vop. din. teor. 1 aspr. seism. voln no. 3 211-251 160

Distribution of unateady disturbances in imperfectly clastic media. Vop. din. teor. raspr. seism. voin no. 3:293:

Figure 1 theory of the distribution of seismic waves, G. I. Petrashen', A. S. Atekseev, B. IA. Gellchinskii, Vop. din. teor. 128pr. seism. voin no. 3.7-160 159,

Investigating the shielding of seismic waves by thin layers, II, A. Volonin, Vop. din, teor, raspr. seism, volu no, 3:252-292 159,

Refracted wave of a surface type, L. P. Zaitsev. Vop. din. teer, raspi. seism, voln no. 3:378-383 159.

Some problems concerning the distribution of waves in media with stress relaxation. I. M. Khaikevich. Vop. din, teor, respt. seism, voin no. 3:320-337 159.

### SELENIUM

(see also subdivision under Almalyk Mountain)
Prospects for the Industrial extraction of selentian and
tellurium from the by-products of copper-molyhdenum
ores, V. N. Lokstin, Trudy IMGRI: no. 4.235-245 '60.

### SELENIUM-ANALYSIS

Photometi ic determinination of selonium (IV) as yellow selonium molybdenum complex. Z. F. Shakhovn. S. A. Gavrilova, V. F. Zakharova. Vest. Mosk.un. Ser. 2; Khim. 21 no. 6:64-67 N-D '56.

### SELENIUM—METALLURGY

Recovery of selentum and tellurium from the slimes of sulfuric acid and paper pulp production by eaking them with calcined sods. L.A.Soshnikova, M. R. Ezernits-kata, TSvet. met. 33 no. 3:55-59 Mr *80.

## SELENIUM CRYSTALS---DEFECTS

Effect of directed deformation on fundamental absorption edge of trigonal selenium singlo crystaia. V. Krisciu-nas, M. Mikalkovicius. Fiz.tver-tela 6 no.ll:3429-3430 N ¹68.

# SELENIUM CRYSTALS—THERMAL PROPERTIES

Effect of sulfur impurities on the heat conductivity of crystalline selentum. Ch. M. Askerov, G. M. Allev. lzv. AN Azerb, SSR, Ser, fiz. -mat. I tekh. nauk no. 5:45-

## SELENIUM CRYSTALS, EFFECT OF RADIATION ON

Effect of electron radiation on the electroconductivity of hexagonal selentum single crystals. N.Z.Dzhaitlov. T.S.Aztzov. G.M.Allev. Izv.AN Azerb.SSR.Ser.fiz.tekh.imat.neuk no.4;87-90 '86.

### SELENIUM OXIDES

Preparation of pure selenum trioxide and some of its properties. K. N. Mochalov and others. Dokt. AN SSSR 167 no. 2.361-364 Mr | 66.

#### SCLENIUM RECTIFIERS

Selenium stabiliti on tubes - M A Talibi. P. A Lunev. G G Kadymov - Liv. AN Azerb SSR Sei. fiz. -tekh i mat nauk no.4:91-95 '66.

#### SELF-CULTURE

Plungian, E.M. [Learn to study independently] Uchit'sia rapotat' samostolatel'no. Moskva, Prosveshchente, 1965. 118 p.

SELF-SERVICE STORES see subdivision under Moscow

#### SEMANTICS

Semantic correlativeness of deriving and derived stems. A N Tikhonov. Vop. iaz. no. 1,112-120 Ja-F 167 Semantic problems of heterological coding. A. E. Kibrik. Publ. Old struk, 1 probl. lingv. MGU no. 1:67-83 165.

#### SEMANTICS (PHILOSOPHY)

Interpretation of a physical theory as a methodological problem. V. Sh. Rubashkin Vop. flios 21 no 169-78 67.

SEMENOV-TIAN-SHANSKII, PETR PETROVICH, 1827-1914

Aldan-Semenov, A.I. Semenov-Tian-Shanskii, Moskva, Molodaia gvardila, 1965. 303 p. illus. (Zhizn' zame-chatel'nykh lindei. Serila biografii, no. 24(415)) (FTaSU)

SEMICONDUCTOR DIODES see Diodes, Semiconductor

### SEMICONDUCTORS

Adsorption of metal tons from H₂O₂, H₂O₂, and KOH on the surface of p-n germanium and silicon junctions. B. S. Sotnikov, A. S. Helanovskii, A. D. Trakhtenberg. Radiokhimiia no.6:617-621 66

Behavior of a heavily alloyed somiconductor in an electric field. Z. A. Kasamanian Vest. Mosk.un. Set. 3; Fiz., astron. 21 no 6;41-48 N-D '66.

Chialytic activity of semiconductors of zmcblend type in the reaction of formic acid decomposition L.G. Maidanovskaia, I.A.Kirovskaia, V.P.Balaganslaia, Trudy IGU 185 124-128 '65

[Composite semiconductors] Slozinye polupi evedniki. Baku, Izd-vo Akad, nauk Azerbaldzhanskel SSR, 1966. 134 p.

Determination of cortain physical characteristics of semi-conductors under nonstationary conditions. M A Koganov, I.S. Lisker. Bid. nauch.-tekh. inform. po agron. fir. no. 49 27-31 *66.

Effect of additions on semiconducting properties and start of interaction between V_pO_e and carbon, V, P, Fliutin, IU, A, Payloy, A, V, Manikhin, Izv. vys. ucheb. rav., chem. met. 10 no.15-6 '67.

Plectuic spectrace cutting of semiconductor materials A.N. Merkurley, L.A. Roster, R. i Estrio, Elek, obr. mat. no. 135-38 166.

Field emission from metals with nonmetallic coatings. N.V. Miloshkina, I. L. Sokol'sknia. Fiz. tver. tela 8 no. 11:3163-3166 N '66.

Glazov, V.M., and V.S. Zemskov. [Physicochemical principles of the alloying of semiconductors] Fiziko-khimicheskie osnovy logii ovanila poluprovodnikov. Moskva, Nauka, 1987 370 p.

Golovko, V.G. [Semiconductor capacitors] Poluprovod-nikovyc emkosti, Novosibirsk, Nauka, 1967. 49 p.

Robior, Slavomír, and Milan Kubát, ede. [Semiconductors in transformer technology. Translated from the Czech] Poluprovodníki v preobrazovateľnot tekhnike. Pod red. A. A. Sakovicha. Moskva, Energita, 1966. 355 p.

[Physical properties of extra-pure metals and semiconductors] Fizicheskie svoistva osobo chistykh metaliov i poluprovodnikov. Tashkent, Fan, 1966. 145 p.

Selection of basic functions in valence band theory of diemond-type crystals. V. G. Liapin, K. B. Tolpygo. Fiz. tver tela 3 no. 11:3156-3162 N '66.

Senticonductor properties of higher chromium nitride. II. V. Samsonov, S. M. Livov, V. P. Nemchenko. Dop. AN URSR no. 7:936-939 162.

We are studying semiconductors, A. O. Gukailo. Vech-sred, shkela 9 no. 3:37-41 My-Jo '66.

## SEMICONDUCTORS—ELECTRIC PROPERTIES

Electric and heat conductivity and their temperature vactations in the system GaSe-CaTe, P.G. Rustamov, M. A. Alidzhanov, -D. D. Babaev. Trudy Inst. khim. AN Azerb. SSR 20:169-180 '64.

Electric field effect on the electroconductivity of solid and liquid organic semiconductors. M. I. Bushmakov. P. K. Mitskevich. Izv. vys. ucheb. zav. 1 ftz. 0 no. 8;125-

Electric properties of organic semiconductors on the basis of polyvinyl acetate. A.V. Vannikov and others. Elektrokhimlia 2 no. 12:1474-1476 D '86.

Size affect in electroconductivity of semiconductors in electron gas heating. Z.S. Gribotkov, V. I. Mol'nikov, T.S. Scrokina. Fiz. tver. tela 8 no. 11:3379-3332 N '88.

## SEMICONDUCTORS-ELECTRIC PROPERTIES (Continued)

Theory of kinetic transfer coefficients in organic semionductors Part 2: Reductance in a wear magnetic field (approximation of high temperatures) 5.1, Kubarev. Teoret 1 eksper 1 him 2 no. 3 558-662 5-0 '66

Vaves in semiconductors with negative differential resistance. A. F. Vollov Fiz.t, er. tela 8 no 11 3187sistance, A. 3195 N '66,

## SE MICONDUCTORS—GALVANOMAGNETIC PROPERTIES

Studying their modectric and galvanomagnetic properties of working materials for low-temperature cooling de-Vices 1 D Konozenko, 1 I \ Khirich | Uki 112 zhur 11 no 12 1332-1337 | D 166

### SEMICONDUCTORS-MAGNETIC PROPERTIES

Buildup of electiomagnetic oscillations in antiferr omagnetic semiconductors in strong electric fields GA Beginshvill Fiz tver.tela 8 no 11:3288-3290 N '66.

### SEMICONDUCTORS-PIEZOELECTRIC PROPERTIES

Effect of excitons on absorption of ultrasound in piezo-electric semi-conductors A. E. Glauberman, M. A. Ruvinskii. Fiz tyer tela 8 no 11-3335-3338 N 66.

### SEMICONDUCTORS—SPECTRA

Photoionization of shallow impurity levels in semiconductors with phonon purificipation A. A. Grinberg, N. I Kramer Fiz ther tela 8 no 11 3350-3353 N 166.

### SEMICONDUCTORS—THERMAL PROPERTIES

Electric and heat conductivity and their temperature variations in the system GaSe-GaTe. P.G. Rustamov, M.A. Indzhanov, B.D. Babacy. Trudy Inst, khim AN Azerb SSR 20:163-180 '64

Principal experimental researches on the heat conductivity of semiconductors. A F. Chudhovskii. Biul nauch tekh informs, polagion tiz. no 8/9 8-28 480.

### SEMINAL VESICLES—INNERVATION

Effect of chronic mutation of external seminal nerve on parotid gland secretions k T. Tashenov, Sh D Simbinov, Trudy Inst fiziol VN kazakh S4R 10 81-81 186

### SEMIPALATINSK-CIVIL DEFENSE

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### SEMIPALATINSK PROVINCE-HEREFORD CATTLE

Canadian Hereford cattle on the "Chalabai" State Breeding Farm, V.A., Sokolov, S.P. Ekibaev V. nauki [Kazakh.] 10 no. 164-67 Ja 167. Vest sclikhoz,

#### SEMIPALATINSK PROVINCE-STATE FARMS-MANAGEMENT

Problem of the intrafarm organization of production; as exemplified by state farms in Scmipalatinsk Province
P V Kovel! Vest sellkhoz nauki [Kazakh ] 10 no 1 7-12 Ja '67,

### SENEGAL-DESCRIPTION AND TRAVEL

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### SENEGAL-FISHERMEN

Visiting the fishermen of Senegal Sergei Kulik, Az, i Air seg 10 no 1 32-35 Jz 467

### SENILE PSYCHOSIS

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Study of the estrogens in the urine of patients with prescribe psychoses T N Nedbailova Znur, nevr i psikh 62 no 11 1707-1711 '62

### SENSES AND SENSATION

Effect of the climate of Chukhuryurd on pain, tactile and temperature reception. A I.Gashimova and others. Sbor trud. \zerb. nauch -issl inst.kur i fiz.metod lech no 6 79-89 '62

Electrophysiological study of the activity of skin and motor analysors and the effect of acceleration E.V. Marukhaman and others. Zhur.vys.nerv detat. 12 no 6 1021-1028 N-D *82

interaction of analysors during flight in airplanes and spaceships V.V. Baranovskii, M.D. Emel'ianov, A.G. Kuznetsov, Zhur. vys. nerv delat 12 no 6 1001-1010 N-D 162

### SENTENCES (CRIMINAL PROCEDURE)

Procedure in the solution of problems arising during the execution of court sentences. P. Lupinskais, I. Speranskii Sots zakon no. 2 36-38 F '67,

## SEPARATION (TECHNOLOGY)

Intensified method of extracting thorium and rare earths from monazate by alkalı treatment. G. A. Meerson, Li Man Hok [Yi Man-hyok] Liv AN SSSR. Met. no. 1:42-48 Ja-F 167

### SEPARATION OF POWERS

Division of powers or the division of work? IU, A, Tikhonurov, Sov. gos. i pravo no. 1·14-22 Ja '67.

## SEPARATORS (MACHINES)

Centraligal separators for the Shukhov boiler K P. Mynkin Biul teth -ekon inform, Gos, nauch -1851 inst nauch i teth inform 19 no 11 47-48 N 166

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Investigating industrial model nydrocyclones K.A. Matkovskii, Transp.stroi 16 no.2:19-50 F 466. Operation of self-sorting greats separators, M. Grinz-burg, F. Mel'mkey, Mak -cles, prom. 26 no 417-19 Ap. 160

Seals of polymer materials for separators S. V. Genel', E. D. Lebedeva, A. V. Novikov. Plast massy no. 1,72 *67. Use of centi fuges and hydrocyclones for the separation of a water dispersion of rubber G, N, Zichesovi and others. Kauch irez. 26 no 129-32 167

## SEPARATORS (MACHINES)—PNEUMATIC DRIVING

Testing the operation of pneumatic separators in Kopeysk Pneumatic Ore-Dressing Plant. R. P. Moskovenko. Izv.vys.ucheb.zav , got .zhui . 10 no.1:167-171 167.

### SEPHADEX

Study of type I botulin by means of filtration through sephadec gel V L. Golshmid, I M. Mikhailova. Zl mikrobiol, epid i immun 44 no.146-49 Ja '67,

SEPTORIA see subdivision under Armenia

### SEQUENCES (MATHEMATICS)

Approximations of ergodic dynamic systems by periodic transformations. A. B. Katok, A. M. Stepin, Dokl. AN SSSR 171 no. 6-1268-1271 D 166.

Continuous convergence in closed sequence nucleus of class BLk mappings of plane regions onto Jordan 10gions G D Suvotov. Trudy TGU 175:23-28 161

Elementary proof of fundamental lemma in theory of prime ends of sequences in regions converging to nucleus. B. P Kufarev. Trudy TGU 175:3-4 164

Overconvergence of a sequence of polynomials of best approximation R A Leiets, Ukr mat zhur 19 no. 198-102 167.

Probability of the recurrence of a sequence of random signals. M L Verzhbinskii Zap LGI 45 no. 3 59-70 '64.

mappings of class BLk, G, D Suvorov Trudy TGU 175 12-22 184 Uniform convergence of sequences of plane topological

### SEREBRIAKOVA, GALINA IOSIFOVNA

Friends of my youth, Galina Serebrickova, Agitator 34 no 4:25-28 F 167

Expanding an n-dimensional distribution function in an Edgeworth type series. T. G. Geidarov. Liv. AN Azerb. SSR. Ser. fiz.-tekh. i mat. nauk. no. 4:54-61 '66.

Kaplan, I. A. [Practical studies on higher mathematics] Prakticheskie zaniatila po vysshel matematike, Khar'-

kov, Izd-vo Khar'kovskogo gos, univ. Pt. 4. [Double, triple, and curvilinear integrals, numerical, trigonometric, and power series | Dvolnye, troinye i krivolineinye integraly, chislovye, stepennye i trigonometricheskie rindy, 1966. 235 p.

Method of redetermined series in some boundary prob-Viasov, Vop. din. teor. raspr. seism. voin no. 3; 103-463 159,

### SERIES, ORTHOGONAL

Note on the problem of absolute summability of orthogonal series M. F. Timan, Dop. AN URSR, no. 12:1533nat series 1536 '66.

# SERNOYE, LAKE (KUYBYSHEV PROVINCE)—BACTERIA, AUTOTROPHIC

Green photosynthesizing bacteria isolated from Lake Sernoye. II. A. Trotsenko. Mikrobiologiia 35 no. 6; 1087-1093 N-D '66.

### SEROLOGY

Anticrythrocyte autoantipodies in antrols immuntzed with heterogonic sea a. L. S. Lozovskafa Biul eksp. biol. i med. 63 no. 1;63-67 Ja ¹67

Serological characteristics of enteropathogenic Escherichia coll of the group 024 Kfl 1 (type 145), A. K. Baltrashevich, O. P. Mazitova, N. M. Landsman, Zhur, mikrobiol., epid. i immun, 44 no.1 152 -153 Ja '67,

Serological comparison of Leptomona strains isolated f om mesquitoes with Leishmania tropica and Lepto-monas of reptiles. V. M.Saflanova. Med. paraz. 1 paraz.bol. 35 no.6:688-695 N-D '66.

Some data on serological analysis of Pagophilus groen-landicus Erxleben stock V.I. Borisov Zool. zhur. 45 no. 12:1890-1892 66

## SEROTONIN-THERAPEUTIC USE

Results of clinical testing of the effectiveness of genotorum same diseases of the blood system. G. I. Aleksery and others. Suv. med. 16 no. 1:17-20 Ja. 167.

SERPENTINE see subdivision under Soviet Central Asla

## SERPENTINE, EFFECT OF TEMPERATURE ON

Interaction of iton oxides with serpentine in chromite ores under offset of heating. N.V. Fedorenko, A.M., Belikov. Ogneupory 31 no.12:23-26 D 168.

### SERPUKHOV (MOSCOW PROVINCE) -- PUBLIC INSTITUTIONS-ACCOUNTING

Deficiencies hindering the work of centralized accounting offices. T. Kuznetaov. Fin. 989: 10 no. 12:60-71 D 66

#### SERUM

Changes in free amino orids in blood serum of groving buffaloes. K. B. Khalinov, N. M IUaffoy. Dokt. AN Azerb SSR 22 no 0,01-84 '66.

(ec.um) in U.Z.FRUA appearatus and its clinical test. M V. Pudol'ukti and others Sov. med 29 no. 10 51 of 0 156. Optimal conditions for desicention of cadaveric plasms

Organic cultures of thymus and lymphatic nodes on t medium containing heterologous serum. Dokl. AN SSSR 171 no. 6:1431-1434 D '66, P.A. Duffi.

Vitamin E content in the blood serum in patients with acleroma, P.A. Evdoshchenko Zhur ush , nes i port bol. 19 no. 6-85-68 N-D 159

### SERUM DIAGNOSIS

from the dotted of preparing agglutinating factorial H nera for the identification of Salmonella, A S, Zuev, Thur mikrobiol, , epid, I immun. 44 no.1 34-10 Ju. 467.

Preparation of diagnostic carbon antidysenteric set a. V. P. Raginskaia, A. P. Baturo, Zhut, mikroblat, epid, i lumum 44 no. 1154-154 Ja 167.

Secum diagnosis of feeds contaminated with pathogents

1004. TSRHA no. 45 169-174 151. fungi. G. L. I'zhov. Dokl. TSKHA no. 45 169-174

Stable crythrocyte diagnosticum for detecting televina and diphtheria contoxina and their nathodica, M. (, f. ed., G. A. Fomenko, F. L. Kravtsev, Zhan, mikrobiol., epid, 1 Imaun., 44 no. 133-136 Ja '67,

#### SERUM PROTEIN

Protein fractions of blood serum, haptoglobin types on lemoglobin fractions in children. TS, I, Kartovija, P. A. Kuranivili, N. I, Vardamehvili, Soci. AN Gruz. Sell. 14 no. 3/169-776 D '66.

Study of protein fractions of blood sorum in some biandy of protein fractions of blood south in none bild species by paper electrophoresis method; utilization of this method for taxonomic purposes. N. N. Kartashev, I. A. Gelfson, S. P. Gromskova, Zool, Zhu, 245 utiliti 1843-1851 ¹66.

### SERUM THERAPY

Comparative results of the treatment of gastric and disa-densi ulcorn with sterilized secum  ${}^{1}\!F^{0}$ . V. K. Anishnov, G.E. Henko. Sov med. 29 no 10,97-90 O 166.

### SERVICE INDUSTRIES

(see also suklivision under White Russia)

About those who rreate good humor, G Tullakii Sov torg, 40 no 12 47-18 D '06,

The five day werkweek, production, and the aphers of service. O. Dronina, P. Proteni. Sots. trud. 12 no. 2₁ 127-133 F 407.

127-133 F 167. Network of service industries in project for sural district planning. G. Rogozhin, D. Dobrink. Arkhit, 858R. ac. I.

On the all-Union youth fally Sov torg 40 no. 12 1 D 166.

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SERVICE INDUSTRIES-MANAGEMENT see subdiviolon under Kazakhstan

### SERVOMECHANISMS

SERVOMECHANEMS

Akhmotzhanov, A.A. [Angular position transmitting systems with increased accuracy] Sistemy peredacht ugin, povystionnoi technosti. Moskva, Energia, 1966. 271 p.

Demonstration model of a serve system. P. I. Kharassh. Sikola i proizv. 10 no. 10169-72 O 166.

Mochanical stabilization of contact between an ultrascate transducer and the object being cherked. B. V. Rastlukev. Defektoskopita 2 no. 6,10-20 166.

Servo systems with spherical coordinate convertors for applications in astronomy. V. P. Fgorov. Sher, ran, po vop, elektromekh. no. 4:174-180 '60.

Use of revolving transformers as feedback transducers in program control systems. V.F. Gornev, A.M. Savinov, Vych. tekh. [MVTU] no. 5:258-273 168.

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of a denumerable set of periodic motions in a steer of a denumerable set of periodic motions in a steer of a saddle focus. L. P. Shillnikov Doki AN od of a no 1:54-57 Ja '67

erse poki AN SSSR 171 no 4 788-790 D 666

and sufficient conditions stipulated for a set that any continuous function analytic at the order points of the set will admit of uniform upprovisional py rational fractions. A. G. Vitushkin, Dokl. AN art of the set will admit of uniform provisions by rational fractions. A. G. Vitushkin, Dokl. AN art of the set will admit of uniform provisions by rational capable of the set will be set with the set of th

SR 171 no. 5:1255-1258 D '66.

SR 21tomata capable of computing the basis for some wally commentable sets. V. A. Nepomntashchii cursives. 5 no. 5 69-83 '68.

S. 1 1028 of plotting confidential fields for two selectments from the general set. G. M. Manita. Soob AN no. 5 1752 27 no. 2 137-142 Ag '61.

i. (181

ian of Setteseev. Dokl. AN

abar, 1, 1 iSR 171 no 4:931-931 D 166.

# TE-DA BAN RANGE-ROCKS, SEDIMENTARY

hoge ochemical characteristics of Vendian of Sette-hoge Range N N. Gavrilley, IU. A. Fvacev. Dokt. AN 15an 17i no 4-931-93i D 166.

AN, LAKE—VARICORHINUS
set of some factors on enzymatic activity of Varleornus in Lake Sevan G. T. Adunts, L. V. Sarkistan,
ol. zbur. Arm 19 no. 10 72-77 0 166

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AR LANE Action—natterna, PROSPHORUS
naily of decomposition of organic and into ganic comx compounds of phosphorus by phosphorus bacter to
cropped soils of Lake Savan. G.S. Babaian. A.K.
cosian. Biol./hur. Arm. 19 no.12:15-20 D '56

# AN LAKE REGION—PINE—WATER REQUIREMENTS

er balance of Pinus silvestris L, in soils of Sevan the region. N.A. Papikian, Biol thu Arm 19 . 10:51-55 O '66.

## AN LAKE REGION—SOILS—PHOSPHORUS CONTENT

asity of decomposition of organic and inorganic comropped sollsof Lake Sevan. G.S. Babatan. A.K. nosian. Biol. 7 km. A. m. 18 no 12:15-20 D 166.

### ERNAYA ZEMLYA-LANDFORMS

thisling landform subdivisions in Severnava Zemiya, 7. Sermenov, 12v. Vecs, goog ob-va 98 no. 6,477-185 D •66.

### ERNYY OIL FIELD-SECONDARY RECOVERY F OIL

ctive application of combined secondary methods in veloping small oil fields as exemplified by develop-int of Severny Sokh field M.R. Ibragimov, V.P. ulov. A.M. Khuterav. Neft Phoz. 44 no. ll 30-34

### ERODONETSK REGION (UKRAINE)—WATER, NDER GROUND

cerning the possibility of increasing the intake of lefground water in the vicinity of Severodonciek, O. Falovskyi Geol, thur, 19 no. 6 101-105 (50,

## ERTSOV, ALEKSEI NIKOLAEVICH, 1866-1936

1. Severtsov and modern morphology. Arkh. anat., st. 1 embr. 51 no. 12:3-8 D '66.

## IN

suftations, Vop pit, 25 no. 6:87 N-D 166,

ectiveness of DDT and sevin in controlling codling moth of their residue quantities in fruits, N.I. Petrushova and others, Khim, v sell, khoz, 5 no. 1:23-26 Ju 167.

# AGE_ANALYSE

n-speed chemical analysis of rine in sowage. A.I. ckhin. Bhil tekh, ekon, inform, Gos. nauch, -issl st. nauch, i tekh inform, 19 no 11 20-21 N 166

# AGE PURIFICATION

mical means for removing anton synthetic surface-tive agents from sewage, IU, IU, Lur'e, P.S. Anti-ve. Scotts from sewage, IU, IU, Lur'e, P.S. Anti-od i san, tekh, no, 11:18-20 N 166.

tralizing waste water, A.G. Ulanova, Biul, iekh, on, inform Cos, neuch, issi inst nauch, i tekh inform. no, 11-19 N 165.

rification of urban sewage in biological pools. E. I. titation of urban sewage in biological pools. E. I. Gidrobiol, zhul. 2 no. 6 81-84 166.

# AGE IRRIGATION

thodology of studying the conditions of ground waters are as firigated with sewage waters. Metodika oshacina rezhima gruntovykh vod na massivakh, oshacinykh stochnymi vodami, Moskva, 1986, 60 p.

### SEWER PIPE

Use of dehydrated clay in the manufacture of ceramic sewer pipe. V. I Kunashkevich Strol mat. 7 no. 12. 26-27 D 161.

### SEWERAGE-CLEANING

Molokov, M. V. [Machinery and equipment for cleaning sewerage systems, a survey] Mashiny t oborudovanie dlin prochistick kanalizatsionnykh setch; obzor. Moskwa, Milinformatsit strodot kommunash, 1985, 33 p. (Serifa 3 Mashiny i oborudovanie dlia kommunal'nego khoristicku) khozlaistva)

#### SEWING MACHINES

(see also subdivision under Japan)

Characteristics of the interaction of the feed dog of a sawing machine with the fabt ic and the preaser foot, A. I. Komistarov, I. V. Lopandin, Izv. vys. ucheb. zav., tekh. leg. prom no. 6:105-111 [66].

Industrial sewing machines, N. Raduk. Prom. Bel. 10 no 2:36 F 167.

#### SEWING MACHINES-ELECTRIC DRIVING

Characteristics of the interaction of the fetd dog of a sewing machine with the fabric and the presser foot. A.I. Komissarov, I. V. Lopandin Izv. vys. ucheb. zav., tekh. leg. prom. no 6:105-111 '66.

Relationship between hypothalamus-hypophysis system and sex cycle. N. Z. Malsuradze. Soob. AN Gluz. SSR 14 no.3 (791-796 D 466.

### SEX HORMONES see Hormones, Sex

#### SEX INSTRUCTION

Jackiewicz, Elzbieta. [What every girl desires to know, Translated from Pollsh] O chem khochet znat' kazhdala devushka. Moskva, Meditsina, 1968. 30 p. (Nauchno-popultarnata meditsinskaia literatura) MUMCH

### SHABAD, LEON MANUSOVICH, 1962-

50th anniversary of Soviet oncology. Vop. onk. 13 no. 11

#### SHAFT SINKING

(see also subdivision under Donets Basin; Krivoy Rog Basin)

Experience in sinking mine shafts in water-saturated sands, N.F. Karasov, Transp. stroi. 16 no. 414-16 Ap *66.

Improve shaft deepening in developing new levels. A. M. Natdysh, I.G. Verkhilk Shakht strot 10 no 12 1-3 D '66.

Mining an inclined shaft in water-bearing clays having the properties of quicksand VF Bugaenko Ugolf-Ukr 6 no. 12 25 D 162.

Sinking shofts with lowering water levels in building tunnels. G.N. Kharttonenko, Transp. strot. 15 no 3 48-40 Mz '66.

Studying advantages of carrying out parallel operations of shaft sinking and shaft bottom working. V.V. Pokotti. A. H. Sokkinovskii. Izv.vys.ucheb.zav.; gor. zlmr. 10 no.1:31-40 '67.

Study of torsional vibrations of the shaft of a ship's power plant. A. K. Urbinovich. Inform.shor TSNHMF no. 163. Tekh. okspl. mor. floto no. 45;85-87 166

### SHAFTING-VIRRATION

Genoral solution of a system of differential equations describing natural lateral vibrations of a perfectly balanced shaft. D. S. Berisov Mashinovedenie no. 1; 77-78 Ja-F '67.

SHAKESPEARE, WILLIAM, 1564-1616
Alckseev, M. P. [Shakespeare and Russian culture]
Shokspir I russkala kultura, Pod red. M. P. Alekseeva,
Moskw, Tauka, 1965, 699 p. fillus,
(PSC)

### SHAPIRO, ABRAM BORISOVICH, 1690-1066

Abram Borisovich Shapito; obituary. A.S. Popev. 12v. AN SSSR, Ser. lit. 1 iaz. 25 no. 6:561-562 N-D 166.

# SHAPOSHNIKOV, BORIS MIKHAILOVICH, 1882-1945 In the Warsaw Millitary District. B. Shaposhnikov. Voca. -ist./hur. 9 no. i:75-88 Ja *67.

# SHAUMIAN, VAGINAK ARUTINUNOVICH, 1809-1966

In memory of V. A. Shaumian. Vest. sel'khoz. nauki 11 no. 11:158 '96.

### SHCHEPKIN, MIKHAIL SEMENOVICH, 1788-1803

Grits, T.S. [M.S.Shchepkin, a chronicle of his life and work] M.S.Shchepkin, letople' zhizni i tvoi chestva. Moskva, Nauka] 1986, 870 p.

### SHEAR (MECHANICS)

Calculating for shear force of slabs of short cylindrical precest and east-in-situ shells. A. Liberman, E. Stakovichenko, M. IAnkelevich, Prom. stroi, i inzh, soor. 8 no. 6:17-18 N-D '66. Nonsteady propagation of a crack due to longitudinal shear, B V Kostrov. Prikl mat, i mekh. 30 no. 6 1642-1049 N-D '66.

### SHEARS (MACHINE TOOLS)

Uncoordination of speed in cutting on flying shears, M. M. Rudakov. Izv vys, ucheb. zav., chern, met 10 no 1 195-199 167

SHEEP see subdivision under Irkutsk Province; Tajikistan; Tomsk Province

### SHEEP-DISEASES AND PESTS

(see also sulxlivision under Buryat A.S.S.R.)

Modification of angiostomy in sheep, K.T. Tashenov, L.V.Gotokhova Trudy Inst fiziol AN Kazakh SSR 10:210-212 '96

# SHEEP-FEEDING AND FEEDS (see also subdivision under Tajikistan)

Effect of complex supplementary feeding with micro-elements on secretory activity of parotid gland in sheep. M. A. Rozybakiev. Trudy Inst fixed AN Kazakh SSR 10 96-100 '66

Effect of mineral additions to rations on the exchange of calcium and inorganic phosphorus between the blood and the wall of the gastrointestinal canal in sheep P.S. Am amerika Vestsi AN BSSR, Ser, sel hasp nay, no 4;

Effectiveness of various cobait preparations in sheep husbandry. A.F. Pen'kova. Vest, sel'khoz, naukt 11 no. 11:59-71 '56.

Jaana, K., and H. Kees. [Fattening of sheep] Lammaste nuumamine. Tallian, Eesti NSV Pollumajanduse Ministeeriumi Tendusiik-Tehnilise Informatsiooni Butoo, 1966. 49 p. [In Estonian] (DNAL)

### SHEEP-MARKING see subdivision under Kazakhstan

#### SHEEP-PARASITES see Parasites-Sheep

#### SHEEP-PHYSIOLOGY

Age-related characteristics of secretion and enzymatic A.V Prokudin, K.T. Tashenov Trudy Inst. fiziol. AN Kazarh SSR 10 03-70 '66,

Carlodydrate absorption by small intestines of sheep as related to their age, Kazken Tashenov, Trudy Inst. fiziol AN Kazakh SSR 10 110-113 '66

Cellulose decomposition in sheep rumen as related to physiological conditions, V.A Moiscev Trudy Inst fiziel AN Kazakh, SSR 10:13-16 *66.

Content of protein and interrelation of protein fractions in the blood serum of sheep in connection with their wool yield, M.K. Krolter, M.T. Katkov, A.I. Badenko, Vost, sel'khoz, nauki [Kazakh, ] 10 no, 168-71 Ja 167.

Effect of Co. Cu and Mn on micro- and macroelement content in sheep saliva. M. A. Rozybakiev, M. M. Abab-kov. Trudy Inst. fiziol. AN Kazakh. SSR 10 101-105 166.

Effect of cobalt and manganese on amino acid content in hydrolysate of mixed juice of pancreas and liver in shoop. A. V. Prokudin Trudy Inst. fiziol. AN Kazakh SSR 10 106-100 '66.

Effect of cobalt on absorptive ability of small intestines in sheep, R.S Ampova. Trudy fast fiziol, AN Kazakh, SSR 10 114-118 *66

Effect of complex of trace elements (Co + Cu + Mn) on absorptive ability of small intestines in sheep. R.S. Aiupova Trudy Inst. fiziol. AN Kazakh SSR 10 123-125 466.

Effect of copper on absorptive ability of small intestines in sheep, R.S. Aiupova Trudy Inst fiziol AN Kazakh SSR 10:119-122 166

Effect of manganese on accretory activity of parotid gland in sheep M A.Rozybakiev, Trudy Inst fiziol AN Kazaki: SSR 10 85-88 166,

Prec amino acid level in sheep rumen, A. V. Prokudin, Trudy Inst, fiziol AN Kazakh, SSR 10-59-62 '66,

### SHEEP BREEDING

Effectiveness of the use of program more's serum in sheep forming. A-Sh. M. Amerboev. Vest. sel'khoz. naukl 11 no.12:79-83 D '66.

SHEEP BREEDS see subdivision under Ivanov Province; Kazakastan

### SHEEPSHEARING ace subdivision under New Zealand

### SHEET METAL

Production of sheet and strip covered with plastic. A. A. Korolev Staff 21 no. 11:1016-1018 N '61

Anisotropy of mechanical proporties of hot-rolled titon-ium alloy sheet, G.S.Kazakevich. Trudy LPI no. 260:

Experimental investigation of force conditions for bending sheet materials by roll forming methods. K.N. Bogolavienskii, A.K Grigor'ev. Trudy LPI no. 260-63-

### SHEET METAL WORK (Continued)

General consideration on the technical and economic comparison of piess working and rolling of shaped sections and pipe. I. L. Perlin, M. Z. Ermanek TSyet met. 33 no 3 60-52 Mr. 160

Methods of studying bulging forces during sheet-metal rock V, V Gubarcy, S A Rastopolitic lay type uche zav , there met 10 no l 110-113 '67

### SHEET METAL WORKING MACHINERY

Automatic control devices for sheet stamping D B Rotoskin, V M trishin Stand a back 30 no 4 58-58 S '66

Calculating forces for stripping and pushing out during punching and blanking of plate material V E Nedolezov, I M Zhvik Tiudy LPI no 260 82-85 165

Clearances during plate blanking and punching, V II Nedorezov, 1 M. Zhvik - Trudy I Pl no 260 85-88 165

fable with a lifting platform. A N. Andreev, V N. Taloverov Avt prom 32 no 13 39 D 166

Effect of the heating of metal in continuous furnaces on the quality of rolled sheet products. A M Kulakov, P. I. Plotmkov Stall 21 no. II-1035-1039 N '61

Production of semikitied sheet steel LC Kazantsev and others Staff 21 no 11 979-981 N 161

A tool for cutting sheet steel  $-V,\,Zinov^{\dagger}ev-Tekh\,|v\rangle$  well-khoz -21 no 12 76 D  $^{\dagger}61$ 

#### SHEET STEEL CLEANING

Cleaning the surface of cold rolled steel with sprays of alkaline solutions M. I. Morkhov, K. A. Egorova, 1 M. Davydova, Stall 21 no. 11 1054-1056 N. 161.

#### SHEET STEEL CORROSION

Increasing the resistance of knienof (Knienof) steel sheet and at ip to intergranular corrosion N. P.Zhetvin. I V. Gorbe'enko Zashch met 3 no. 165-87 Jarr 167

#### SHEET STEEL-MAGNETIC PROPERTIES

Helerogeneity of specific losses of cold-rolled electrical steel and its effect on idling losses of a transfolmer V V Atotan Defektoskopija 2 no. 6 21-2v 166.

SHEETPILING see subdivision under Volga Hydroelectric Power Station (226 Congress of the CPSU)

### SHELL ROOFS see Roofs, Shell

## SHELLEY, MARY WOLISTONCRAFT (GODWIN),

Legend about a "homunculus," R. Ohunin, V mire knig 6 no, 6 35 Je 166

### SHELLS (ENGINEERING)

Analyzing experience in using 1.6 m diameter shells in bridge foundation supports. V.V. Alekscev. Transp. strot. 16 no 2-12-15 F '66.

Building the portion above the foundations of bridge supports made 1,6 m, diameter shells. I.D. Rasskazov, L.I. Meshcheriakov, N.A. Rasvskii. Transp. stroi. 16 no. 4-12-14 Ap 166.

Designing a flat shell element approximately equivalent to a corrugated element. A. E. Zakrzhevskii. Prikl-mekh 2 no 12:122-124 '66.

Determining the temperature field in a finite cylindrical shell. Sh. M. Behyshov. Izv.AN Azerb. SSR Ser fiz. -tekh. I mat nauk no 4,28-34 '66

Methods of assembling cylindrical shells. R Grebennik Na stroi Ros. 5 no 3:18-19 Mt | 164.

Mikiraev, V.M., and V.L. Shadurskii. (Practical methods of calculating shells) Praktic heskie metody rascheta obolochek. Moskva, Stroitzdat, 1966, 260 p.
Sinking shells into ground using thizotropic jacket and vibro-driving machinery. A S. Tkachenko. Osn., fund, i mekh, grun 8 no, 5;32-34 '86.

Work of the summer school on actual problems of shell mechanics. O.A.Goroshko. Prikl, mekh. 2 no.12;134-

### SHELVES-DESIGN AND CONSTRUCTION

Built-in shelves in pavilion-type buildings. M. Kleer, B. Aleksandrov. Na stroi Ros. 4 no.7,24-25 Jl 163,

### SHEVCHENKO, TARAS HRYHOROVYCH, 1814-1861

Kyryliuk, IE.P. [Taras Shevchenko; life and works] Taras Shevchenko; zhyttia i tvorchist', Vyd, 2., dop.i perer. Kyiv, Derzh. vyd-vo Khudozh. lit-ry, 1864. 648 p. (NoD)

# SHEVCHENKO REGION (KAZAKHSTAN)—SOILS

Soils in the coastal plain of Mangyshlak in the area of the city of Shevchenko. V. M. Borovskii and others. Vest. sol'khoz. nauki [Kazakh.] 10 no.1 26-33 ja '67,

### SHIGELLA-CLASSIFICATION

Some changes in the classification system of the Shigella genus bacteria, N.A. Khomenko, Zhur, mikrobiol., epid. i immun. 44 no. 1 28-31 Ja 167.

### SHINOCHKIN, A.

People and fates. A Dogmets V marking 6 no 6' 10-31 Je '56.

#### SHIP HANDLING

Executing a 410 ooth turn on ships of the "Ladogales" type. V Babain. Mos (lot 27 no.1-24 Jo 167

SHIP HANDLING-BIBLIOGRAPHY see Bibliography-

### SHIP PROPULSION, ELECTRIC

Prospects for magnetohydrodynamic ship propulsion, A. P. Baranov. Sudostroenie 56 no. 12,3-6 D 166.

### SHIPBUILDING

(see also subdivision under Germany, East)

Design and delivery of a self-propelled floating workshop. A. M. Shvarts, Sudostroenie 27 no 1:59-61 Ja 161.

For a further expansion of the shipbuilding industry Sudostroenie 27 no 1:1-3 Ja '61.

Hand faileys with fitting capacity of 1, 5 tons. F M Klemushin Ryb prom 55:6-7 b0.

### SHIPBUILDING-ACCOUNTING

Work of the central accounting office under the new condi-tions P. Andreev Bukhg uchet no 12:3-6 D '66.

SHIPBUILDING-BIBLIOGRAPHY see Bibliography-Shipbuilding

#### SHIPBUILDING --- CONGRESSES

All-Union conference on the construction of small ships. Sudostroonic 27 no 1:79 Ja [61.

### SHIPBUILDING-EQUIPMENT AND SUPPLIES

Grebel'skii, P. Kh., and M. Kh. Reznik. [Mechanization of Inishing open ations in bull construction] Mekhanizatsiia korpusno-dostroechnykh rabot Leningrad, Sudostroenie, 1956. 310 p

New optical device for marking out with light. IU V. Afanas ev. I. M. Korobtsov. Sudostroenie 27 no. 1:62 -

The PD-500 gun for the welding of dowels. V A Knigel', Sudostrounie 55 no. 12.50-51 D '86.

#### SHIPPING

Aleksandrova, K. I. (Practice of the Maritime Arbitra-tion Commissition in the examination of disputes arising from shipping goods by sea! Praktika morskol arbitrazhnoi komissii po sporam, vyiekaiushchim iz perevozki gruzov monem. Moskva, Transport, 1966. 59 p.

### SHIPPING---ABSTRACTS

[Water transportation] Ref. zhur. · Vod. transp. no. 2 F

### SHIPPING-LABOR PRODUCTIVITY

Measuring labor productivity in water transportation.

1. Bernshtein Nauch dokl. vys. shkoly; ekon. nauki 4 no.1:17-121 '61

### SHIPS-AIR CONDITIONING (see also autolivision under Sweden)

Individual conditioners with ejection action for a single-channel high-pressure sh conditioning system. V. P., Taraskin. Sudostrocnie 27 no.1;25-28 Ja ¹61.

Technological conference on air conditioning and Pafrig-enation on shipe. Sudortromic 27 no.1,77-79 Ja '61-

### SHIPS-CARGO

Establishing zonal norms for the loading of ships in accordance with the convention of 1986. A Morozova. Mor.flot 27 no.1:10-41 Jn '67

### SHIPS-CORROSION

Marine tests of the corresion of samples of welded joints of shipbutiding steels. N. N. Kalmykova, A. R. Lâkubenko, Sudostroenie 56 no. 12-43-45 D 166

### SHIPS-ELECTRIC EQUIPMENT

Mikhallov, V. A., and B. I. Nornevskii. [Automation of shipboard electric-power plants] Aviomatizatsifa sudo-ykh elektricheskikh stantsii. Loningrad, Sudostroenie, 1966. 318 p.

### SHIPS-EQUIPMENT AND SUPPLIES

Birtuk, V.S. [Mounted ship tanks] Sudovye vkladnye tsi-sterny. Leningrad, Sudostroenie, 1988, 128 p.

Designing ships | ladders E, P, Zsgorskain. Sudostroenie 27 no. 1:21-25 Ja '61.

Device for lifting crankshafts in installing frame bearings of main marine engines. F. M. Klemushin. Ryb. prom. 55:3-5 180.

Purifying blige waters of petroloum products with ship-borne equipment. I. Tuy, IV, Kalinin. Rech. transp. 20 no 7,31-34 Ji *61.

"Sudoimpoit" exhibits V. Ragatov, Vnesh. torg. 46 no. 12:26-27 '66,

### SHIPS-HYDRODYNAMICS

Characteristics of the maneuverability of triple screw vossels. S. Ol'shamovskii. Roch, transp. 20 no. 747-48 Jl '61.

### SHIPS-INSPECTION

Small noncontact tachoscope for the actual testing of rdd) : E, A, Zel'din Sudostroenie 27 no 1:63-64 Ja 161

#### SHIPS-LAUNCHING

From work practices in launching the tanker "filtery 1 Sorge." P N. Kocherov. Sudostroenic 56 po 12 52-53 D 466

Unit for the sideways launching of ships. G. I. Paracy, Shor. izobr.v ryb. prom. Za 1961 g. 197-99.

### SHIPS-MAINTENANCE AND REPAIR

For fin ther improvement of the technical operation of the river fleet. A Videtskii Rech transp. 20, no.75-1 J1 †61.

Increase basic norms for the calculation of ship roper tog work I Korohtsov, IA. Rozhinskii Morellet 21 pp. 1 33-34 Jn. 167

Is profit needed profit's sake? D.Sheremet'own. More flot 27 no 1:35 Ja '67

Ship repair with a preliminary manufacture of units and parts for replacement N.L. Pevrner, L.M. Upairh Sudosticeme 56 no 1º 45-19 D 166

Successes inspire M. Mai kochev. S. Solkin. Rech. transp 20 na. 7,2-4 Jl 61.

#### SHIPS-MEASUREMENT

The problem of ship measurement. B. Et opkin  $-{\rm Mog}$  flot -27 no.1.42-43 Ja  $^{1}\!67$  .

#### SHIPS-PAINTING

Method of protecting submerged surfaces from contents to fouling and carpenter moths. E.1. Grishim, N. A Krantstand nikov. M. E. Birinberg Sbor. izobr v tyb. prom. . . 1961 g '102,

#### SHIPS—WATER SUPPLY

Methods of water proparation and treatment used on near-going ships of foreign fleets and in stationary point engineering A.K. Gol'denfon. Inform about 18311-11 no.186 Tekh. ekspl. mon. flota no.46:68-73 *43

### SHIPS-WELDING

Marine tests of the corrosion of samples of welded joints of shipbuilding steels. N N Kalmykova, A, R IAkubenko, Sudostroenie 56 no 12,31-45 1) You

Wreck of the medium-size fishing travels "Holanto," 1.25 under conditions of heavy leing. III. Nochaey. Mar. flot 27 no 1(25-21) Ja '07.

SHIPYARDS see subdivision under Astrakhan

### SHIRAKATSI, ANANHA

Philosopher, mathematician, astronomer, geographer, G. Khrlopian. Prom. Arm. 9 no. 11:73-75 (64).

## SHRAKI STEPPE—ALMOND

Development of almond root system in dry regions of eastern Georgia (Skiraki Steppe). N. N. Bregadic, M. t. Sokhadze. Soob AN Gruz-SSR 44 no.3/721-726 D 504.

## SHKOL'NIKOV, LEV GRIGOR'EVICH

Lev Grigor'cvich Shkol'nikov. Ortop., cravm., protes. 27 no.12:79 D '66.

### SHOCK

Characteristics of shock origin and course in dogs with different types of higher nervous activity. V.I. Phys., C. A. Riozhkin, G. A. Kataeva Biol. zhun Arm. 19 no. 12:65-69 D 166

Effect of operative and postoperative shock on rend function in tuberculosis following resortion of Junes. O. G. Bunin. Grud-khir. 9 no.1:91-96 Ja-1` '87.

### SHOCK (MECHANICS)

Diagonal impact on mass attached to continuous brane, M. V. Blokh. Strot. mekh, i rasch, soor. 9 no. 111 44 167.

Effect of the scale factor at a high-speed collision of solid particles with barriers. G. V. Stepanov. 1719 mekh. 2 no.12:82-85 '66.

## SHOCK ABSORBERS

Shock absorber of the chain transmission of roller far-nace hearth, L. I. TSekhnovich, A. IA. Zelikovich Ven-mushinostr. 47 no. 1:41-44 Ja '67.

### SHOCK WAVES

Asymptotic law of propagation of a plane detonation wave. G. G. Chernyi. Dokl. AN SSSR 172 no. 3:558-560

Character of strong shocks in some comptex media.
A.D. Chornyshov. Prikl, mat, i mekh. 30 no. 8-101-1034 N-D 166.

Determining certain characteristics of the focus of detonation priming with shock waves. H. I. Sheyhter. V. P. Chelyahev. Vzryv, delo no. 60/17:102-107 198.

Determining the strength of electron transition of the first positive band system of nitrogen. Part 2. A.P. Dronov, N. N. Sobolev, F. S. Faizuliov. Opt. 1 spektr. 21 no. 5:538-545 N '66.

Detonation priming with shock waves. P. A. Baum, A. 4. Derzhavets. Vzryv, delo no. 80/17-88-83 466.

### SHOCK WAVES (Continued)

Evolutional character of oblique shock waves in magnetoh, drodynamics, K P, Cherkasova, Uki, fiz zhui na 12,1302-1306 D '66

Impact of a supersonic jet against a un face. A. IA. Sagomonian Vest. Mork un. Ser. 1, Mat., mekh. 21 Sagomonian Vest Morlino 6:98-105 N-D '66.

Solution of the problem of a powerful point explosion in ideal compressible nodia in the case of cylindrical and place waves. IU.O. Paroiskii Vest. Mosk. un Sor 1. Mat., mekh 21 no 6:00-97 N-D '66.

Stability of a shock wave in a viscous gas. S. K. Aslanov, Dop AN URSR no.10:1261-1267 '66,

Transverse Impact against a flexible membrane. U. Bek-tersunov. Vest. Mosk un. Ser. 1, Mat., mekh 21 no. 6; 104-107 N-D 166

### SHOE INDUSTRY

### (see also subdivision under Gomel')

Character latter of the date mination of the economic fockers industry. P.S. Pashkin, L. P. Alvsenov. Kach. cour prom. 8 no 12:7-10 D 166.

Heet of the transportation factor on the choice of the tuilding sites of enterprises of the leating sites of enterprises of the leating aircestry. L. B. Pelsakhzon, L. A. Viaz'mina, R. I. Vodtanik, Izv. vys. ucheb. zav. tekh lig, prom. no. 6: 18-24 '66.

Enlargement of the assortment and improvement of the quality of footwon: me the main tasks. V.S. Novikov. Kozh -obuv. prom 8 no 12:1-5 D 166.

### SHOE INDUSTRY-EQUIPMENT AND SUPPLIES

Petermination of the molding properties of the PVKh plastic L. G. Plotnikova. Korh -obav. prom. 8 no.12; 17-20 D '66.

Burkin, A.L. [Equipment and convoying machinery for assembly-time production of glued footwear; textbook]

Chorudovanto 1 transportnyo ustroistva na potoke probvodstva kleevol obuvi; uchabnoe posobie Moskva, Leg-kala industriia, 1960. 43 p

### [MICROFILM]

New renchines for chaping the toe of uppers with a flat vamp. M. L. Roginskii and others. Kozh. -obav prom. 8 no 11:16-19 N | 06.

SHOE INDUSTRY-FINANCE see subdivision under Saratov

### SHOE INDUSTRY-LABOR PRODUCTIVITY

Correlation study of the effectiveness of specialization in a particular type of goods in the footwear industry, V. A. Afanas'cv, T. A. Cryzlova, Izv. vys. ucheb. zav.; t.kh. leg. prom. no. 8:9-17 '66.

lechnological progress and the increase of labor produc-listy in the shoc industry. V Penk at ev. Nauch dokt-ys shkely; ekon nauki 4 no lubile '61.

# SHOE INDUSTRY—MANAGEMENT (see also subdivision under Alma-Ata)

Determination of the optimal size of the production series and the lot in the shoe industry. N.N.Shehegolev Kozh. -obuy-prom. 8 no.11:5-7 N 108.

Pages of a new life. V. Anan'in. Soy professiony 23 no 1:18-17 Ja 187.

### SHOE INDUSTRY—QUALITY CONTROL

Curb waste. N. Krasluk, Sov. lorg. 40 no. 12,41 D 166.

### SHOE MANUFACTURE

Fifect of perophers on the process of producing micro-perces soles by het vulcarization. Z. A. Volnberg. Rech. -ohuv. prom. 8 no.11:20-22 N 166.

Recent developments in the finishing of leather soles. E. M. Simbaev. Kezh -chuv prom. 8 no 11:30-31 N 108.

Tremological scam allowance during the assembly of the parts of the slace. H. M. Karpman, H. IA. Kazanovich, Kezh. - obuv. prom. 8 no. 12430-33 D 466.

### SHOE MANUFACTURE—EQUIPMENT AND SUPPLIES

New type of multilayer on thoard with an increased content of leather fibers for the shoe counter. A.M. Konrey and others. Kozh. chuy.prom. 8 no.11;31-33 H '68.

SHOE MANUFACTURE—STUDY AND TEACHING Grundyag, IA. S. (Vocational training of pattern designers and cutters in the sloe industry) Protzvodstvennoe obuchenio raskroisiehikov i vyrubshchikov v obuvnoi promyshlennosti; metodicheskoe posobie. Moskva, Vysshala shkola, 1985. 109 p.

SHOLOKHOV, MIKHAIL ALEKSANDROVICH, 1905-An ecopee of enlightenment. Petr Strokov. Oktiabri 43 no. 12:170-190 D 160.

Mikhali Aleksandrovich Sholokhov, Moskva, Pravda, 1966. 315 p.

### SHOOTING, MILITARY

Firing on moving targets, K. Gusev. Voen. vest. 41 no. 6:108-107 Jo '61.

Leshchlov, A.K. [Fire training] Ognevata podgotovka.

Moskva, Voenizdat, 1960. 179 p. (Posoble po obuchenila molodoga soldata, no.3)

### SHOOTING CONTESTS

What the communication showed A. Pavlov, Voen, 2nan, 43 no 1-41 Ja 167.

### SHORE PROTECTION

(see also subdivision under Black Sea)

Shore protecting structures from reinforced concrete tetrahedial latticework guiders F. Sh. Ishaev Trudy TIIIMSKH no 15 41-52 *60.

#### SHORT CIRCUITS

Determining the contact point by currents and voltages of zero sequence V M Davydov. Prom Bel. 40 no i. 47 Ja 167

SHORTWAYE RADIO see Radio, Shortwaye

### SHOT PEENING-EQUIPMENT AND SUPPLIES

Increasing the wear resistance of shot-peening blades, V. P. Koshel', Tekh, i org proizy no. 6 91-92 N-D

SHOULDER—DBEASES
Diagnosis and treatment of scapulchumeral periarthritis,
N, I, Nikolaeva, Trudy Turk nauch, -issl mst klim,
ku i fiz, metod, lech 8 42-53 *65,

### SHOW WINDOWS see subdivision under Moscow

(see also subdivision under Kiev region: Ukraine)

Structure of genitalia in palaearctic shrew (Sorey, Insec-tivora) as tevonomic character. V. A. Dolgov, I. V. Luk'innova Zool.zhur. 45 no.12 1852-1861 '66.

Changes in the physical properties of Solonetz solls of the Yergeni Hills caused by shrubs. A F Vadiunina Pochvovedenie no. 4 31-39 Ap 160

### SHUKSHIN, VASILII MAKAROVICH

The end of the Liubavin family. V. Serganova, V mire knig 6 no. 6 30 Je '66,

### SHUL'TS, RIKHARD SOLOMONOVICH, 1896-

Seventieth birthday of Rikhard Solomonovich Shulta. E. A. Davtlan. Biol. zhur. Arm. 19 no. 10:108-112 O 466.

### SHUSHENSKOE (KRASNOYARSK TERRITORY)-HISTORIC HOUSES, ETC.

In the village of Lenin, K.Shnei-Krasikov, Oktlabri 43 no 12:132-134 D 466

### SHVEDE, EVGENH EVGEN'EVICH

Lebedenko, A.G. [Learned navigator] Uchenyi-more-khod, Moskva, Voenizdat, 1985. 69 p. (Geroi-soyremenniki)

### SHVETSOV, ARKADII DMITRIEVICH, 1892-1953

Grin, B. [General designer A, D, Shvetsov] General nyl konstruktor A, D, Shvetsov. [Perm*] Permskoo knizh-noe Izd-vo, 1964. 192 p. {Zamschatel nye liudi Pri-local let.

### SIAULIAI (LITHUANIA)—WORLD WAR, 1939-1945

Three days of combat, I Chugunov, Voen. vest, 41 no. 6;?1-32 Jc '61.

### SIAZAN' REGION (AZERBALJAN)---EARTH TEMPERATURE

Magnitude of reciprocal gradient for the Siazan' oil field A.M. Pliushch, Zh N. Ter-Karapstiants, S.K. Alifov. Dokl. AN Azerb SSR 18 no. 3 25-28 462.

### SIBERIA-BORON

Boron in kimberlites and melmechites of Siberia, V.A. Cherepanov, Dokl. AN SSR 172 no. 3:896-899 Ja 167.

### SIDERIA—BUILDING—ESTIMATES

Why they underestimate. O. Tsarikova. Ekon. stroi. 9 no. 1:62-63 Ja '67.

### SIDERIA-CHEVKINFTE

Chevkinite from the pagmatite deposit in Siberia. V. N. Zuov, O. V. Bogorodskii, S. V. IAkovieva. Teudy Min. muz. no.12:203-207 '6t.

### SIBERIA-COAL-TESTING

Germanium in Siberian coals. S. N. Riabchenko. Trudy Khim. -met, inst. Sib. old. AN SSSR no. 16:147-153 *61.

### SIBERIA-COMMERCE

History of trade and commercial and usurious capital in Siberia, 1861-1891. A. P. Borodavkin, A. A. Goverkov. Trudy TGU 188:37-60 '65,

SIBERIA-COMMUNICABLE DISEASES-PREVENTION Prevention of natural foci diseases with respect to the development of new arons of Siberia and Far East, S. P. Karpov, Zhur, mikrobiel., epic, i immun. 44 no, 1:79-63 Ja '67.

### SIBERIA—ECONOMIC CONDITIONS

Characteristics of the development of capitalism in Siberla, from 1961 to the middle 1890's. A. P. Borodavkin, G.Kh. Rabinovich, L. G. Sukhotina Trudy TGU 188-3-19 105.

[Siberia during the building of socialism and the transition to communism] Sibir' v period stroitel'stva sofsializma i perekhoda k rommunizmu. Novostiirek, Nauka.
No.6. [Siberia during the building of socialism]
Sibir' v period stroitel'stva sotsializma. 1966,
160 p. (Materialy po istorii Sibiri)

### SIBERIA-FAMINES

Now the cooperative societies of Siberia struggled against the famine of 1921-1922 E M Khenkin Trudy TGU 158 187-197 '65.

### SIBERIA-FOREST ECOLOGY

[Hydroclimatic research in the forests of Siberla, interrelation of forest and environment and methods for their study] Gidrokilmaticheskie issledovanija v lesakh Sibiri, vzalmooinoshenie lesa 1 sredy i metody ikh izu-chenija Moskva, Nauka, 1867–150 p.

### SIBERIA-FOREST INFLUENCES

[Hydroclimatic research in the forests of Siberia, inter-relation of forest and environment and methods for their study] Gidroklimaticheskie issledovania v lesakh Sibiri; vzalmochoshenie lesa i sredy i metody ikh izu-cheniia. Moskva, Nauka, 1967. 150 p.

### SIBERIA-FORESTS AND FORESTRY

Effect of vegetation on soil temperature in perennially frozen regions. A.P. Tyrtikov. Vest. Mosk, un. Ser. 6: Biol., pochv. 21 no. 5:85-90 S-O '86.

#### SIBERIA-GEOGRAPHY-CONGRESSES

Nauchnoe soveshchanie geografov Sibiri i Dat'nego Vo-stoka, 3d, Irkutsk, 1956. Materials of the 3d Scientific Conference of the Geographers of Siberia and the Far

Contribute to the Geographers of shorts and the rar East] Materially, Irkutsk. No. 1. [Role of geography and the tasks of geogra-phers in the comprehensive study and reclamation of the West Siberian Lowland] Rol' geografii zadachi geografov v kompleksnom izuchenii i os-voonii Zapadno-Sibirskoi nizmennosti 1966 75 p. No.2. [Results of and outlook for the introduction

of new methods of geographical research] Rogi i perspektivy vnedrenija novykh metodov geografi-cheškikh issledovanii, 1966, 72 p

### SIBERIA-GEOLOGY, STRATIGRAPHIC

Stage delineation of Corboniferous sediments in northern part of Siberia. V. I. Ustrilskii. G. C. Cherniak. Uchzap. MIGA. Ser. "Paleont i biostr." no. 10:5-14 '65.

### SIRERIA --- HISTORY

Early history of the Siberian struggle for self-government. M. G. Sestunina Trudy TGU 158.20-36 '65. War industry committees in Siberia during the First World War. I. G. Mosina, Trudy TGU 158 74-86 '65

### SIBERIA-INDUSTRIES

Siberia develops its resources and builds its industry Mol. komm. no. 12:34-35 D | 161

### SIBERIA-LAMELLIBRANCHIATA, FOSSIL

Belekitina, O.A., [Upper Paleosic non-marine Pole-cypoda (bivalves) of Siberia and eastern Kazakhstan Verkhnepaleozolskie nomorskie peleisipody (dvustvorki) Sibiri I Vostochnogo Kazakhstana. Moskva, Nauka, 1966. 219 p. illus.

### SIBERIA—MACHINERY INDUSTRY—MANAGEMENT

Division and cooperation of labor in an enterprise. L. Zudina, A. Kolobov, E. Maslov. Sots.trud. 12 no.2; 91-101 F '67

### SIBERIA-MAPS

Authentic annotation to the 1667 map of Siberla, L.A. Gol'denberg Trudy Inst ist est 1 tekh 42-252-271 '62

### SIBERIA-MENTALLY ILL CHILDREN-CARE AND TREATMENT

State of therapeutic and prophylactic service for mentally ill children in Siberia, G.E. Sukhareva, I. A. IUr-kova, Trudy Gos, nauch, issi, inst. psikh, 26 434-442

### SIBERIA-MIGRATION, INTERNAL

Perovedentsev, V. I. [Migration of the population and the labor problems of Siberia] Migratsia naselentia i trudovye problemy Sibiri. Novosibirsk, Nauka, 1965.

### SIBERIA—NATIVE RACES

Organization of the "nationalities departments" of the Soviets in Siberia, 1920-1921. L. A. Golishcheva, Trudy TGU 158:185-175 165.

### SIBERIA—PEASANT UPRISINGS

The peasant movement in Western Siberla, March-April 1917, L.I. Bozhenko, Trudy TGU 158 100-112 '65

## SIBERIA—PETROLEUM PIPELINES

Activity of pupeliners of the Ural-Siberian Petroleum Pipeline Administration. A. Nechaev, P. Munin. Neftianik il no. 8,6-7 Ag '66.

#### SIBERIA-PIKAS

O.hotona alpino Pall , a pest of pine trees. R.I Losku-tor Zool zbur, 45 no 12,1887 '66

### SIBERIA-PINE-DISEASES AND PESTS

Ochotona alpine Pall , a pest of pine trees R. I. Loskutov Zool zhui 45 no 12:1887 '66

### SIBERIA-RAILROADS

Transsviazistroi Trust is 25 years old. V.1. Sobolev, F.Oreshkin, Transp stroi, 16 no 131-33 Ap 156,

### SIBERIA-RESEARCH, INDUSTRIAL

A wonderful land with great prospects for the future, MA Lavrent'ev Mol komm no 12 20-31 D '61.

### SIBERIA-REVOLUTION, 1917-1921

G.N. Potenin during the socialist revolution and civil war in Siberia I M Rangon, M E Plotniko a Trudy TGU 158 138-153 '65

Organization of the "nationalities departments" of the Societs in Siberia, 1920-1931. L. A. Golfshcheva Trudy TGU 158 165-175 165

### SIBERIA-ROADS-DESIGN AND CONSTRUCTION

Automobile roads for construction work in targa swamp areas V IA Tkachenko Transp, stror 16 no 3 6-8 Mr 166,

### SIBERIA-RUSSIAN NEWSPAPERS

How the press of Eastern Stheria helped to develop agriculture in the first years of the New Economic Policy S B. Ochirov Trud, Ick, inst, nat khoz, no, 1 231-245 [66].

### SIBERIA-SOIL TEMPERATURE

Effect of vegetation on soil temperature in perennially frozen regions. A.P. Tyrtikov. Vest. Mosk, un. Ser. 6: Biol., pochv. 21 no. 5 85-90 S-O '66.

### SIBERIA—SOILS

Contribution of scientists to production. A.Ugarov Zemledelie 29 no 1:68-71 Ja '67

### SIBERIA-STANDARDIZATION

What the exhibition told V. Pishchugin, Stand, i kach, 30 no 11 82-83 N 166

#### SIBERIA-STONE AGE

Statement, N.I Sokolov Trudy Kom chetv per 18 232-233 161

### SIBERIA-TOUR MALINE

Crystallographic studies of tou malines from pagmatitic veins in Siberia, G N Tarnovskii Trudy Min muz, no 12 123-144 '81.

### SIBERIA-ULTRABASITE

Pinus, G.V., and W. N.Kolesnik. [Alpine-type ultra-basic rocks of the south of Siberia Al'pinotipnye giperbazity luga Sibiri Moskva, Nauka, 1966 209 p

### SIBERIA-WEED CONTROL

Controlling veed plants in northern Kazakhstan and steppe region of Siberia. P. P. Kolmakov. Vest, sel'khoz, nauki II no. Il'35-39 '66

### SIBERIA-WHEAT-VARIETIES

Means of increasing the production of durum wheat in Siberia. G P Vysokos, A, V, Varaksin. Zemledehe 8 no. 4 48-53 Ap 160

### SIBERIA, EASTERN-AGRICULTURE

How the press of Eastern Siberia helped to develop agriculture in the first years of the New Economic Policy, S.B. Ochnov, Trudy Irk, inst nar, khoz, no.1 231-246 '66,

### SIBERIA, EASTERN-CLIMATE

Indices of normal equivalent-effective temperature in southern part of Eastern Siberia, V.V. Bufal, N.P. Ladeishchikov, Trudy Lim. inst. 10:151-169 '66.

### SIBERIA, EASTERN-COMMERCE

Economic contacts is a very effective way to develop conomic cooperation among our nations. B, S, Sanzhiev. Trudy Irk, inst, nar, khoz. no.1:29-54 '66.

### SIBERIA, EASTERN—ELECTRICITY IN MINING

Human body resistance to electric current. M. I. Barash, V. I. Shchutskii, Izv. vys. ucheb. zav. , gor, zhur, 8 no. 9 135-138 165.

### SIBERIA, EASTERN-ELECTROMAGNETIC PROSPECTING

Some results of practice of magnetotelluric profiling in northeastern part of U.S.S.R. V Geol. 21 no. 6 93-100 N-D 168, Vest Mosk un Ser. 4

SIBERIA, EASTERN-EMPLOYEES, TRAINING OF Efforts of party organizations to raise the technical skill and qualifications of workers. IA, P. Tarasenko, Trudy Irk, inst. nar, khoz, no. 155-74 '66,

SIDERIA, EASTERN-GEOGRAPHICAL RESEARCH Geographical works of Sergei Vladimirovich Obruchev; on the 75th anniversary of his birth. N. G. Sukthova. Izv. Vses. geog. ob-va 98 no. 6:526-530 N-D '66.

### SIBERIA, EASTERN-GEOLOGY

Some problems of the stratigraphy of Mesozoic sediments and tectorics of the southeastern margin of the Aldan Shield and the adjoining part of the Mongolian - Othotsk folded region V I, Gol'denberg, Biul, MOIP, Old, gool, 36 no. 5:142-113 S-O '61.

Stratigraphy and magmatic activity of the Pre-Cambrian m the eastern part of the Stanovik-Dzhugdzhur zone, V.N. Moshkin, Bull, MOIP, Old, geol. 38 no 5:175-136

### SIBERIA, EASTERN—INDUSTRIAL MANAGEMENT

Tifforts of the trivitsk party organization to develop the Ladet slup of Communists in industry and construction during the seven-year plan V. 1 Semina. Frudy lik, not not those no 196-119 '66.

### SIBERIA, EASTERN-INDUSTRIES

Problems in the industrial development of Pastern Siberia and the increased effectiveness of socialist social production V N Dolzhnykh, Trudy Irk, inst, nat, khoz, no, 13-28 '66,

### SIBERIA, EASTERN-LABOR SUPPLY

Some problems of labor supply for new construction projects in Eastern Siberia N. M. Pokar Thair, IU N. Chernikov Trudy Irk inst nar, Phoz. no 1 247-256

## SIBERIA, EASTERN-PHILOSOPHICAL RESEARCH

The Soviet public and some philosophical problems in industry, science, and technology. L. A. Petrov, A. S. Makarov, V. P. Politov. Trudy Irk un. 38 no. 4 5-22

# SIBERIA, EASTERN-RAILROADS-SWITCHES-MAINTENANCE AND REPAIR

In Eastern Siberia IU, N. Lavrent'ev. Put' i put, khoz. 11 no 1/31-32 '67,

#### SIBERIA, EASTERN-RAILROADS-TECHNOLOGICAL INNOVATIONS

Experts of the Bogotol section purpose V, M Kombarov, Put' i put khoz 10 no 7 38-40 '86

### SIDERIA, EASTERN-REVOLUTION, 1917-1921

Shereshevskit, B.M. [The defeat of Semenov units, April-November 1920, role of the Far East Republic in the struggle for the elimination of the "Chita block" and the unification of the Far East] Razgrom semenov-shehiny (aprel'-nolabu' 1920 g), o roli Eat'nevostochnoi respubliki v hor'be za likvidatsiin "Chitinskoi probkit" i ob'edinenic Bal'nego Vostoka, Novosibi sk, Nauka, 1968 238 n

## SIBERIA, EASTERN—STOCK AND STOCKBREEDING

Eastern Siberia's struggle for the rapid development of stock farming during the completion of the building of socialism. N O Kashperko, Trudy Irk, inst, nar, kho., no,1 120-142 '66,

### SIBERIA, EASTERN-VOCATIONAL EDUCATION

The training of skilled workers in the vocational schools of Eastern Siberia during the seven-year plan. F. G. Serebi ennikova Trudy Irk, inst, nar, khoz no, 1/192-202 / 66.

## SIBERIA, EASTERN-WOMEN-EMPLOYMENT

The women of Eastern Siberia and their role in the establishment of the economic and technical found of communism. K. I. Gladina, Prudy Irk.un., 38 no. 4 117-131 '65.

### SIBERIA, WESTERN-BUCKWHEAT-FERTILIZERS AND MANURES

Fertilize a as an important potentiality for increasing the yield of cereal crops. S. U. Brovarenko. Zemiode-lie & no. 4 30-33 Ap 180.

### SIBERIA, WESTERN-ECONOMIC POLICY

The policy of the economic councils of Western Siberla in regard to the lease of industrial enterprises in the early phase of the restoration of the national economy, 1921-1923 T A Korlegina Trudy TCU 159:183-200 165

### SIBERIA, WESTERN-ENCEPHALITIS, EPIDEMIC

Tick-borne encephalitis in Western Siberia. N. V. Shubin. Trudy Gos, nauch, -issi, inst, psikh. 26,182-186 '61.

# SIBERIA, WESTERN-FEBRUARY REVOLUTION,

The peasant movement in Western Siberia, March-April 1917. L.I. Bozhenko. Trudy TGU 158,100-112 '85,

# SIDERIA, WESTERN—GAS, NATURAL—GEOLOGY Evaluation of gas-bearing prospects in the Ural Mountain region of the West Siberian Lowland based on hydro-geologic indexes. L. M. Zor'kin. Biul. MOIP. Otd, geol. 36 no. 5:150-151 S-O '61.

SIBERIA, WESTERN—METALLURGICAL PLANTS Administrative center for the West Siberian Metallurgical Plant, N.N. Kliushnikov, Prom. stroi, 44 no. 12:26-28 '66,

### SIBERIA, WESTERN-MILLET-FERTILIZERS AND MANURES

Fertilizers as an important potentiality for increasing the yield of cereat crops. S. U. Brovarenko. Zemlede-lie 8 no.4:30-33 Ap '60.

### SIBERIA, WESTERN-NEUROPSYCHIATRY

State of psychoneurological service in the provinces of Western Siberia and the adjacent provinces of the Unis. I S. Jolovich, I. Z. Kopshuser. Trudy Gos, nam. h. - Isei. inst, psikh. 26 421-437 161.

# SIBERIA, WESTERN—OFFICE BUILDINGS—OF SIGN AND CONSTRUCTION

Administrative center for the West Siberian Metallar gleat Plant, N. N. Kliushnikov, Prom. Stroi. 14 no. 12:25-

### SIBERIA, WESTERN-PETROLEUM INDUSTRY

Petroleum and pouple, K. Lagunov, Nov. mir 45 no. 7:197-218 Ji 466 SIBERIA, WESTERN-REVOLUTION, 1917-1921

Role of the political acctions of the Red Army in the establishment of revolutionary committees in Western Siberia in 1919 and 1920. V. T. Medyedev. Trady Test 155 154-161 165.

## SIBERIA, WESTERN-SOCIAL GROUP WORK

Cultural and educational work in Western Siberia, 1033-1937, IU, F. Sokolov. Trudy TGU 158-222-231 165

### SIBERIA, WESTERN-SOLONETZ SOILS

Large contour tilings of soils. I. Zagrelmey. Zamledells 29 no 1:14-16 Ja '67.

### SIBERIA, WESTERN-SOVIETS

History of rural soviets on the eve of the complete col-lectivization of Western Siberia, 1927-1930 V JA Osokina. Trudy TGU 150 210-221 465.

### SIBERIA, WESTERN-VETCH

Mixed plantings of wheat and velch. P A, lAkhtenfelld, I, N, Zhukov Zemiedelic 8 no. 1 75-77 Ap 150.

### SIBERIA, WESTERN-WHEAT

Mixed plantings of wheat and vetch. P. A. lAkhtenfePd, I. N. Zhukov. Zemiedetic 8 no. 4:15-11 Ap 160.

### SIBERIAN PLATFORM-GEOLOGY, STRATIGRAPHIC

New data on the stratigraphy of the Party Sinian for mations in the convergence come of the conterior margin of the fiberian Platform and the Mesozoft - Ceneral folded region, M.S. Baranova, M.A. Tarkhaya, Hul MOIP, Old, gool, 38 no. 5:110 S-O '61.

New data on the stratigraphy of upper horizons of the Late Cambrian and I ower Paleozoic aediments in the southeastern margin of the Siberian Platform. V.P. Alekseev, E. E. Pavlova, Binl, MOIP, Old, gool, 36 no, 5:140-141 S-O '61,

Stratigraphy of the Lower Cambrian sediments of the southeastern Siberian Platform, V. A. Samozvantu., Biul, MOIP, Otd. geol., 46, no. 5:141-112, S-O. '61,

## SIEMENS-MARTIN FURNACE see Open-hearth furraces

SEROZEM see subdivision under Golodnaya Steppe

The eyes and laws of beauty. E. Kotova. Iskussive 29 no. 12:8-14 *66.

## SIGMAMYCIN

Pharmacology of tetracycline preparations in intravensus administration Oletetrin Antibiotiki 12 no. 1:33-33

### SIGNAL THEORY (TELECOMMUNICATION)

Accuracy of the transmission of phase keyed signiff with transients and additional white notice in the chung I, A, V, Mikhailov, Radiotekhnika 22 no 1:61-49 Ja 167.

Carrying capacity of a motor trail frequency lelegiachy channel subject to the action of notices and knowpher to scatter signals. IU. F. Korobov. Lickit oavla? 21 scatter signals, IU no.1:31-36 Ja '67.

Determination of losses of a partially accessible networks during the arrival of two flows. G. L. Lonin, 14,14 Sedol, Elektrosvias 21 no.154-57 Ja 67.

Distortions originating in one method of pulse-amplitude modulation, IU, G. Davydov, V. M. TSirlin, Elektronvins' 21 no.1 67-71 Ja '67,

Dukhovner, A.N. [Signals of radio systems and their spectral analysis; a manual on the theoretical fundamenspectral analysis; a manual on the theoretical lunionin-tals of radio engineering) Signaly radiosistem i ikh spek-tral'nyi analiz; uchebnoe posoble po teoreticheskim csac-vam radiotekhniki. Loningrad, Severo-Zapadayi saoch-nyi politekh in-t, 1965. 82 p.

Problem of the use of complex signain in random access communication systems. L. E. Varakin, L. M. Pyshkin, Elektrosviazi 21 no. 1;72-77 Ja '67.

SIKHOTE-ALIN' RANGE-GEOLOGY, STRUCTURAL Biamo-Kolumbe seam in eastern Sikhote-Alin' Range. I. K. Volchanskaia. Dokl. AN SSSR 171 no. 6:1305-1308

### SILAGE

Effect of acidophilic yeast silage from corn and soybean on abomasum secretion in calves and lambs. V.D. Mironova, M.F.Arkbangel'skaia. Trudy inst fizibl AN Kazakh, SSR 10,190-202 168.

Effect of corn sitage in rations for cows on the quality of dried milk. I. A. Radaeva. Doki. TSKIIA no. 45:107-112

### SILAGE (Continued)

Pradiogical conditions of cows fed sliage rations with various sugar contents BP, Herasimovich, E. I. Herasimovich Vestsi AN BSSR Ser. sel'hasp nav. no 4:59-54 "66.

Possibilities of spontaneous ignition in sunflower cakes, M Frolova. Mik veley prom 26 no 3,28 Mi '60.

### SILAGE-HANDLING MACHINERY

Complex of machines for feed ensilage and the distribution of silage to animals, S. Ryzhov Tekh, v sel'khoz, 27 no 189 N '67

Decomposition of ten achier osilane in adiabatic compression. F. B. Vurzelf. L. S. Polak, V. S. Shehlpachev. Kin. ikat. 7 no.6:1068-1071 N-D '66

Interaction of atomatic aldehydes with trialkylsitanes in the presence of metal chlorides N E Glushrova, N P Fharitonov. Izv AN SSSR Ser. khim no 1 88-93 Ja 167.

Braction of dialky! (diethylamine) silanes with glycols, K.A. Andrianov and others | Izv AN SSSR, Ser, khim, no. 12:2229-2231 | 66.

Reaction of diphenyldichlorosilane with 1, 4-dillillium-1, 4-dilly di ompithalene. R. A. Andrianov, A. I. Nogal-dell, R. Sh. Theshelmshvili Izv. AN SSSR, Ser. khim, ro, 12:2228 - 2229 66.

Reactions of phenol polymers with chlorosilanes. I. M. G. endisticil. D. Sh. Ugrekhelidze. N. A. Bibilashvili. Sach. AN Gruz. SSR 44 no. 3:589-595 D '86.

Shidy of proper ties of Si-II bond in monoorganosilanes by paramagnetic resonance method. V. O. Reikhsfel'd. L. N. Gubanova. Teoret i eksp. 1. khim. 2 no. 5.629 634 S-O '66.

### SILICA

Influence of vapors of conditioning agents on the porous structure and adsorptive properties of ailica gel surfaces [with summary in English], Z. Z. Vysotskii, I. F. Diradch, M. V. Poliskov, Koll zhur, 21 no.3-218-254 My-Je 161.

Mysec of the first spectroscope study of isotope exchange with surface hydroxyl groups of chemically modified silica [aith summary in English]. V. I. Lygin, A. V. Kiselev, hell, zhur, 23 no. 3,299-403 My-de '61.

Ocidation of alcohols on platintzed cilicagels of various types. N. M. Dmitrienko, V. S. Boronin, O. M. Poltorak, Vest. Mosk un Ser. 2; Khim 21 no. 6:108-109 N-D '66.

Preparation of ultraporous silica gels with internal paresity (with summary in English) Z. Z. Vysotskii, M. V. Pallakov. Koll. zhur 23 no. 3:255-256 My-Je

Radiolysis of water absorbed on silica gel. E. L. Krylova. P. I. Dolin Kin i Fat. 7 no.6:977-982 N-D 'G6.

Scrotion of cations on silica gels in acid region, L. F. Kirichenko, 1U. P. Klimentova, Z. Z. Vysotskil, Ukr khim, zhut. 32 no. 1l:1177-1179 166.

Thermal method for measuring the dynamics of the adsorption and description of moisture by affica gel I.P. Lychkin, Z. M. Rizov, O. M. Todes, Zhur, priki khim. 34 no 6 1225-1231 Je '61

### SILICA-SPECTRA

*icchanism of the processes of adiclysis of hydrocarbons absorbed on silica gel V, V Strolko, K, A. Suprunenko, Teoret, i eksper, khim. 2 no.5:894-887 S-O '66.

### SILICATES

Bolvinkin, O. K., G. I. Kliukovskii, and L. A. Manuilov.
[I aboratory manual on the general technology of silicates and the technical analysis of building materials]
Laboratornyl praktikum po obstochet tekhnologii silikator i tekhnicheskomu analiza stroitel'nykh materialov.
Meskva, Stroitzdat, 1986, 399 p.

Discussion on boron isomorphism in silicates, V.I., Lebedev Geokhimia no.10:937-941 161.

SILICON see subdivision under Donets Basin

### SILICON-ELECTRIC PROPERTIES

Nonsinusoidal current oscillations in zinc-componented n-silicon. B.V. Kornilov. A.V. Anfimov. Fiz. tvor. lela 8 no. 11:3420-3422 N '66

### SILICON-OPTICAL PROPERTIES

Antireflection coating on allicon photocella. M.M. Koiton, T. M. Golovner, Opt. i spoktr. 21 no. 5; 530-637 N '66.

### SILICON-ALUMINUM ALLOYS

Ligain charcoal as a reducing agent in the production of silicon-aluminum alloys, S. I. Sukhanovskii and others, Shot, trud, NIIGS 14:253-257 165,

### SILICON CARBIDE

Microscopy and X-ray spectroscopy of sificon carbide entectics in Fe-C-SI altoys, IU. N. Taran and others. Izv. AN SSSR, Met. no. 1:182-180 Ja-F 167.

Vessoluznała konferentsita po karbidu kromnia, Kiev, 1954. [Silicon carbide; structure, properties and use, Reports] Kaibid kremula; stroenie, svoistwa i oblast primenenila. [Doklady] Kiev, Naukova dunka, 1966.

### SILICON CARDIDE CRYSTALS

Energy and kinetic parameters of impurity nitrogen in silicon carbide crystals. I.S. Gorban¹, A. F. Gumeniuk, U. M. Suleimanov. Fiz.iver.tela 8 no.11;3424-3426 N '65.

Extraction of our rent carriers by p-n-junction field and mechanism of electroluminescence of silicon carbide. E. E. Violin, G. F. Kholnianov, Fiz. tver. tela 8 no ll-3305-3397 N '66

### SILICON CARBIDE CRYSTALS-SPECTRA

Effect of infrared light on the photoluminescence of SiC-N. L.A. Vinokurov, M. V. Fok Opt i spektr 21 no.5:586-591 N. 166.

Low-temperature luminescence of silicon carbide crystals. I.S. Gorban', G. N. Mishinova, IU. M. Suleimanov. Zhur. prikl spekt. 5 no. 5:614-620 N

# SILICON CARBIDE CRYSTALS, EFFECT OF RADIATION

Cathode luminescence of silicon carbide single crystals it radiated by fest electrons. V.V. Makarov. N.N. Petrov. Piz.tver.tela 8 no 11:3393-3394 N '66.

### SILICON CRYSTALS—DEFECTS

Photoelectrot state in allicon with radiation defects.

A. B. Go: astmoy and others Fiz tver, tels 8 no 11:
3226-3231 N 466.

### SILICON CRYSTALS—ELECTRIC PROPERTIES

Effect of unlaxial compression on discontinuity conduction in p-Si. B. G. Zhurkin, I. V. Kuchetenko, N. A. Penin Fiz. tvet tela 8 no. 11:3445-3447 N 465.

### SILICON CRYSTALS-OPTICAL PROPERTIES

Optical scattering in single-crystal silicon M.I. Iglitsyn-G. P. Kekelidze. Soch, AN Gruz. SSR 44 no. 3:563-569 D '86.

### SILICON CRYSTALS, EFFECT OF RADIATION ON

Annealing of imputity bands of recombination radiation in silicon trradiated with y quanta. A.V. Hikhneyich, V.D. Tkachev, M.V. Bertnik. Fiz. tver. tela 6 no ll; 3213-3217 N '66

Diffect of X-rays on the electrophysical properties of sill-Con and its p-n-junctions, Part I. M. A. Krivov, G. I. Potakhova, Izv.vys.ucheb zav., fiz. 9 no.6:55-61 '66.

#### SILICON DIODES

Bykov, E. I. [Silicon power rectifiers] Silovyc kremnie-vyo vypriamiteli. Moskva, Energiia, 1966 96 p. (Biblioteka elektromontera, no.210)

SILICON-GOLD ALLOYS see Gold-silicon alloys

SILICON-IRON ALLOYS see Iron-silicon alloys

SILICON ORGANIC COMPOUNDS see Organosilicon compounds

### SILICON OXIDE

New density molification of silicon oxide, S.M. Stishov, S.V Popova, Gookhimila no.10:037-639 '61

### SILKWORM BREEDING

Kovalev, P. A., and A. A. Sheveleva, [Egg production and breeding of mulborry silkworms] Grenazh i solektsila tutovogo shelkoprlada. Tashkent, Uchitel', 1906, 190 p. (DNAL)

### SILKWORMS

Growth of mulberry silkworm caterpillars as affected by some antibiotics. V.O. Kolybin. Dop. AN URSR no. 7,962-965 '62.

Relationship between 1 adiobiological effect and incubation of allkworm eggs. IA, G, Akhalata. Soob. AN Gruz. SSR 44 no. 3/727-734 D 166

Primary structure of nuclear polyhydrosis virus protein of silkworm. Part 3: C-terminal sequence of amino acids in polyhedral protein. F. A. Kozlov and others, Ukr. khim. zhur. 32 no. 11:1206-1210 165.

SILLIMANITE ace subdivision under Datener Valley

SILOS-DESIGN AND CONSTRUCTION see subdivision under Poland

Lubricating properties of polymethylchlorophenylslloxanes T. V. Koroleva and others. Plast, massy no. 1:22-25 167.

Mechanism of polydimethylsilovane thermal stabilization by titanium and iron compounds. S. R. Rafikov and others. Dokl. AN SSSR 171 no. 6:1352-1354 D 466.

Polymorization of siloxanes on metal surface under the offset of glow discharge. B. V. Tkachuk, V. V. Bushin, N. P. Smetankina. Ukr. khim zhur. 32 no. list256-1257 166.

Splitting off of phenyl groups in methylphenylsticxanes under the effect of hydrochloric acid. A. C. Kuznetsova, V. I. Ivanov, C. G. Pchelintseva. Plast, massy no. 1:25-26 167.

SILT-MICROBIOLOGY see subdivision under Karolian Leth mus

Geochemical association of Indium with silver in zincsilver-lead deposits, S.T. Badaley Geokhimita no. 10 907-910 '61. Silver as a geochemical indicator in searching for epithermal gold deposits in Kamchatka. A. I Screennikov. Vop geog.Kamch no. 4 105-107 '66

### SILVER CHLORIDE CRYSTALS

Use of Mossbauer's method in studying state of it on in AgCl single crystais. A. N. Murin and others. Fiz. tver.tela 8 no.11:3291-3294 N '66.

#### SILVER CRYSTALS-GROWTH

Effect of surface-active substances on the rate of growth of silver single crystals in the process of electrolysis M.S. Zubov, A. T. Vagramian, Flektrokhimita 2 no. 12-1425-1130 D '56.

### SILVER ELECTRODES see Electrodes, Silver

### SILVER OXIDE CRYSTALS—SPECTRA

Facitons in Ag₂O crystals. E. F. Gross, F. I. Kreingol¹d Pis¹, vited. Zhur, eksper i teoret fiz. 1 no. 10,418-422

#### SILVER-PALLADIUM-CADMIUM ALLOYS-ELECTRIC PROPERTIES

Properties of silver alloys with small additions of palladium and cadmium N. L. Pravoverov, 1 A. Tribunskata Izv AN SSSR, Met. no. 1/156-169, Ja-F. *67

#### SIMAZINE

Simezine in weed control in forest numberies and forest plantations E.A.Ivanov. Trudy Sar.sellkhoz.inst 15 no 3:33-34 '65.

### SIMPEROPOL/--CORN (MAIZE)

Drying and threshing of corn at the branch centers of the Simferopol' grain milling combine V Babel' Muk, -clev, prom. 26 no. 3;22-23 Mr '60

### SIMPEROPOL'-LIBRARIES AND READERS

Parting words addressed to our selectees. G. Demidenko. Bibliotekar! 41 no 2:22 l' | 167.

### SIMPEROPOL'-MOTORBUS LINES

This is within any driver's power, N. Voltanik. Avt transp. 40 no 6'7-8 Je 162.

### SIMPEROPOL'-PLANTS, ORNAMENTAL

Ornamental trees and shrubs of the city of Simferopol. G.V. Volnov. Izv. Krym old Geog. ob-va no 6:89-105 161.

### SIMPEROPOL' DISTRICT-ANTIQUITIES

Sione with cut lines from the Denisovka village, Simferopol District, A. A. Shchepinskii izv., otd. Geog. ob-va no. 5 211-213 '61, Izv.Kı vı

### SIMPEROPOL' RESERVOIR

Mycrophytes of the waters in the mountainous and submontance parts of the basins of the Salgii River and the Simferopol Reservoir. P. M. Khristiak Lev. Krym. otd. Geog. ob-va no. 6 139-152 161.

### SIMILITUDE, THEORY OF

Applying the theory of similitude to the electronic processes in pron-punctions. V.S. Cherepanov, K. M. Kul'kin Izv.vys ucheb-zav; fiz. 8 no 6.40-44 '66.

Grigor'ev, L.G. [Simulation and the technical actences]
Modelirovanie i tektnicheskie nauki. Moskva, Znanie,
1807. 62 p. (Novoe v zhizni, nauke, tekhnike. IV Seriia:
Tekhnika, no.1)

### SIMON, MODEST OSTAPOVICH, 1900-

60th birthday of Corresponding Member of the All-Union Academy of Agricultural Sciences Modest Ostapovich Simon. D. Grudov. Vost. sel'khoz. nauki il no. 126-127 D 186

## SIMONOV, KONSTANTIN MIKHAILOVICH, 1915-

Military and patriotic themes in the novels of K. Simonov, N.F. Kharitonova, Vech. sred, shkola 8 no. 5:73-76 S-O '66,

SIMONOV, MIKHAIL ZAKHAR'EVICH, 1906-

Sixticth birthday of M. Z. Simonev. Bet, i rhel. - bet, 12 no. 11:21 N 668.

### SIMULATION METHODS

Kuliukina, L.A., and G.A.Ososkov. [Use of histograms in statistical modeling] Ob ispol'zovanii gistogramm pri statisticheskom modelirovanii. Dubna, 1967. 21 p.

Use of systems of viscoclastic models for studying processes of deformation of materials, V.O. Kuz'menko, Dop. AN URSR no. 12-1541-1544 188.

### SINTERING

(see also subdivision under Krivoy Rog Basin)

Production and use of fluxed manganese sinter. E. P. Lyskov and others. Stat! 22 no. 5 394-395 My 162

Sintering ceramic metal structural materials by high-frequency currents. N V, Nikitina. Porosh. met 6 no. 12:15-20 D 166.

Sulfar oxidation by magnetite, hematite and earbon dloxide, G, M, Komissarov, I, S, Kulikov, Izv. vy ucheb, zav., chein, met 10 no. 1/24-28 '67.

Technology of producing high basicity sinter. V. IA, Miller and others. Stat 21 no. II:953-967 N '61.

#### SINTERING-COSTS

Lonomic efficiency of improved preparation of ray materials for blast future, smelling, G N Muromisers, V M Sobits favors ucheb zavy, chern met 10 not 200-208 67.

#### SITONA-EXTER MINATION

Damage caused by the nodule beetle of Sitona species and the yield of pulse crops LF. Krasnopol'skaia. Trudy KHSKHI JJ 36-46 '66

#### SIVASH, LAKE-BRINES

Overall processing debrominated Swash brines to magnesium ovides for the manufacture of refractories and heat insulating "sovelit" material B. A. Shoikhet, B. IU Lange. Trudy GIPKH no 47:12-18 62

Overall processing of Swash brines. B.A. Shorkhet, Trud, GIPKH no. 475-H '62.

### SIZING (TEXTILE)

Apparatus designed by the Central Scientific Research Institute of the Wool Industry for measuring the speed of the movement of vary vary and its statishing on the sizing machine L. E. Vals Nauch -issi trudy.

TSNIIShersti no 20:194-198 '63

Using starch substitutes in the sizing of cotton yain, M. L. Genkina, V. V. Bogorodskala Nauch -issl trudy TSNIKHBI za 1963 g 308-320.

#### SKATING

Dynamics of body development in 15-and 16 year-old skaters V. G. Polovisey. Teor i prak, fiz, kul't. 29 no 12'46-49 D '66

Methodological improvement in training skaters V. A. Orlov Teor. 1 prak, fiz, kul't 29 no 12:13-15 D'66,

Work of a complex scientific research brigade in the field of skating M P Sokolov Teor i prak fiz kult. 29 of skating M P Sol no 12:39-43 D '66.

#### SKELETON

Autopsy method per mitting extensive approach to the posterior surface of the skeleton, E. IA Sokolov. Sudmed ekspert. 9 no 449-50 O-D 166

Determination of the absorption by the skeleten of β-particle energy of some isotopes in e-perimental carcinogenesis N. K. Maliuma, V I Pontkarov, D & Popov Vop. onk 13 no. 156-59 '67

Skepticism in the late Renaissance and the struggle for a materialistic philosophy V. Boguslavskii Nauch, dokl. vys shkoly, filos, nauki 4 no 1 117-125 161

Morphological changes in the animal skin under the effect of artificial sodium chloride baths V.V.Soldatov Vop kur., fizioter, i lech fiz.kul²t. 31 no 6 512-517

### SKIN-CANCER

Near-focus roenigenotherapy of skin cancer; data from Soviet literature. B.A.Konnov Med. rad. 7 no.10 70-77 0 162

Skin cancer in scicatrices of thermal burns. N.F Kramchaninov. Sov med. 29 no 11 90-93 N 166.

### SKIN-DISEASES

New modification of dehelmithization with oxygen in the treatment of some dermatoses in children P.E. Maslov Sov. med 29 no. 11 114-117 N 166.

Rest biopotentials of ultraviolet crythema as indices of the intensity of its development. V.V. Efimov. Vop kur., fizioter.i lech fiz.kult. 31 no 6,562-563 '66.

Results of the use of carbamide in the treatment of ecze-mas and neurodermites E.S. Pevzner, L. N. Filatovich. Sov med. 29 no. 10 61-63 O 166

Results of treating chronic dermatoses with highly concentrated hydrogen sulfide baths in Sochi Health Resort. S. I. Dovzhanskii. I. I. Malkin. Vop. kur. fizioter i lech. fiz.kul⁴. 31 no. 6:609-512 ⁴66.

Treatment of dermatilis and toxicodermatilis with prednisolone and prednisolone cintment M. E. Lipets Sov med. 30 no. 1 148-141 Ja '67.

### SKIN-TUMORS

Syringadenoma of the skin, A. V. Gubareva. Arkh. pat-28 no 12·48-53 '86.

### SKIN GRAFTING

Endaural method of tympanoplastics. B.E.Gol'dberg, Zhur ush ,nos i gorl bol 19 no.4.52-53 Jl-Ag 159,

Surgical treatmen of radiation ulcer of the finger. V.A. Berdnikov. Med rad. 12 no. 1:88-89 Ja 167.

Tolerance of the recipient to homotransplanted skin and significance of the degree of temporary inhibition of immunogenesis system in this process. G. A. Belkina. Doki, AN SSSR 167 no. 2,474-477 Mr. 166.

Use of hyaluronic acid for the preparation of granulating wounds and ulcers for skin grafting. S.P. Vilesov, V.S. Relikov. Ortop, travm. i protez. 27 no. 12:57-60

### SKIS AND SKIING

Analysis of the position of skier in jumps from spring-board during takeoff run and takeoff V, A, Kuznetsov, Teor, 1 prak, fiz, kul¹f. 29 no.12;29-32 D '86,

Structure of movements during sliding step on skis, II Gross Teor i prak fiz. kult, 29 no 12:26-29 D

System of competition in skiing M. M. Halashov. Teor. 1 pt ak ft | lult | 2f no. 12 8-10 D | 66.

## SKOKOV, NIKOLAI NIKOLAEVICH, 1916-

Lindin, S.1. Nikolai Nikolaevich, Skokov Leningrad, 1965 32 p illus. (Khudozhniki Rosstiskol Federatsii)

SKRAMTAEV, BORIS GRIGOR'EVICH, d. 1906 In memory of B G. Skramtacv. Bel. 17hcl. -het. 12 no. 11 31 N '66

Age-related changes in the cranium of embryos in Khol-mogory cattle. D. D. Martiugin, E. P. Burenina. Dokl. TSKHA no. 45,31-36 [59]

### CANCER

X-ray diagnosis of cranial chordomas, G.A. Litvakov-skala, Vest, rent, i rad, 11 no. 6.87-89 N-D '66,

X-ray diagnosis of cosinophilic cranial granuloma. I.S. IAkovlev. Vest. rent. 1 rad. 11 no 6:35-37 N D '66.

### SKULL-WOUNDS AND INJURIES

Diagnostic possibilities of crantography in severe crantocerebral trauma, M.V.TSyvkin, V.T. Pustovoitenko. Vest.rent.irad, Il no.6:45-50 N-D '68,

Prensic psychiatric expertise in cranicce chrai frauma A T. Filatov Sud -med ekspert 9 no 4 15-18 O-O 156

Effect of furnice slag and refractories on the contamination of steel by nonmetallic inclusions A M Skrebtsov, V A Kostluk Stall 22 no. 5:415-417 My '62.

Experience in boring and blasting operations in slag dump piles. A.T. Volov. V.I. Sheiman. Vzi yv. delo no. 61/81; 187-191 '66.

#### SLAG-ANALYSIS

Interfacial tension in products of blast furnace smelting of titanium magnetites and metal losses in slags. I N Zakharov and others – Izv. AN 855R, Met. – no. 1:24-30

Viscosity of titanum-containing slags and its effect on the loss of titanium during stainless steel alloying. V Kamardin, G. S. Ershov Izv. AN SSSR, Met no. 1 56-61 Ja-F 187

### SLAG-ELECTRIC PROPERTIES

Physicochemical properties of stags of the system CaO - Al₂O₃ - Me, A.₄ Report No. 1 P. P. Evseev, A. P. Filippov. Izv vys. ucheb. zav., chein. met. 10 no. 1, 55-60 '67'

Studying the apecific electric conductivity of slags from the electrosmelling of intermediate complex metal products. V. I Bershak. TSvet. met. 33 no. 3:37-43 Mr. 160

### SLAG-TESTING

Chemical composition of undecomposable blast furnace slag, M D Tamarin, Stall 21 no. 11 976-977 N 61,

Selecting the optimum composition of slag. L.S. Kulikov. Stal! 21 no 11,972-975 N 161.

Studying the viscosity of slag from the atuminolhermat smelting of ferrotitanium. S. I. Suchit'nikov, IU. L., Pliner Stat 21 no 11:599-1000 N 161.

SLAVIC FOLKLORE see Folklore, Slavic

### SLAVIC LANGUAGES-CASE

History of the predicative instrumental in the Slavic languages. L. E. Lopatina. Izv. AN SSSR. Sci. lit. 1 iaz. 25 no. 6:500-508 N-D '88.

### SLAVIC LANGUAGES-GRAMMAR

Systematic and statistical presentation of the grammatical isoglosses of the Slavic world A. E. Suprun. Sov. slav. no.1,42-50 '67.

SLAVIC LANGUAGES-GRAMMAR, COMPARATIVE Stavic standard languages and the comparative method. D Brozović. Vop. iaz. no. 1.3-33 Ja-F 167.

### SLAVIC LITERATURE-DICTIONARIES

Encyclopedia of ancient Russian culture. M. Korallov. Nov. mir 38 no. 10:267-269 O '62.

### SLAVIC STUDIES

(see also subdivision under Moscow; Ukraine, While Russia)

An international symposium in Smolenice. Vladimir Matula. Sov elsv. no.1:125-126 '67.

SLAVIC STUDIES—BIBLIOGRAPHY see Bibliography-Slavic studies

### SLEEP THERAPY

Combined therapy with insulin shocks and protonged sleep in schizophrenia. M. P. Chernukhina and others. Tru-dy Gos, nauch, -issi, inst, paikh. 26:97-103 161.

Sleop therapy in mental diseases. It. K. Dubovis, o. A. G. Makeeva Trudy Gos, nauch, -inut, inst. path. 26:91-96 161

### SLINGS

The secret of David's sling. A. M. Gazov Challery Polent abov. no 15:54-59 [68].

## SLOPES (PHYSICAL GEOGRAPHY)

(see also subdivision under Black Sea)

Characteristic and Hmit angles of slopes. If V 11,1 x1 A. M. Trofimov Dokl. AN 35SR 16 I 100, 21 100 101

Farming on slopes V.P. Nokrasov. Dokl. 1984(1) 1. 41

### SMALLPOX-MICROBIOLOGY

Effect of X rays on the natural restativity and the for ation of active immunity to the smallpox vice by the in rabbits L. A Kamalian Radiobiologilo 2 to 4 * 509 *62

SMALTITE see subdivision under Tuva Autonomous Province

Coke behavior during the blast-furnace smelting pages at G.A. Volovik, Kuka i khim no 1/30 11 165

### SMELTING FURNACES

Cyclone smelting of copper sulfide concentrates

A, V, Tonkonogit and others TSvet, met. Ji not 20-28 Mr. 160.

Improved design of a gas furnace for amelting cast in a A.F., Primov and othern Pekh, i org., proint, hours 63 N-13 '66.

### SMELTING FURNACES—EQUIPMENT AND SUPPLES

Using sitien refractories in steel pouring ladies, A to TSigler, V. L. Bulakh. Ognospory 41 no. 1 14 4

SMIRNOV, ALEKSANDR VASIL'EVICH, 1086-Aleksandr Vasillevich Smirnov, Khirurgiin 18 nolth

8MRNOV, DMITRII Scarching for ponderable words. A. Abroskio Victor kaig 0 do.6 33 de 406.

## SMIRNOV, LEONID ALEKSANDROVICH, 1908-

Leonid Aleksandrovich Smirnov; his 60th birthb. B  $\mathcal C_*$  Lebedev. Bot.zhur. 51 no.12:1812-1015 D  $^4\mathrm{sb}$ 

### SMOLENSK--GUIDE BOOKS

[Smolensk, a guidebook] Smolensk; putewoditelt. 4., ispr. 1 dop. izd. [Moskva, Mosk, taborhii, 1965] 319 p. ispr.i dop. izd. [M (CaOTU) (NIC)

### SMOLENSK, BATTLE OF, 1941

[The Baitle of Smolensk, 1941-1966] Smolenskee brothe. nie, 1941-1966. [Smolensk, Soluz zhurmillistov (2011, 1990] 90 p.

### SMOLENSK PROVINCE-COMPOST

Demikhovskii, A.I., and A.M. Kozharskii. How we pre-pare and place compost! Kak my golavim i vacaim is a posty. [Moskva] Mosk, rabochii, 1967. 93 p.

### SMOLENSK PROVINCE-FARM LIFE

In my land, notes of many years ago (conclusion) 4 for kelov-Mikitov. Nov. mir 38 no. 10, 48-80 to 115

### SMOLENSK PROVINCE-GEOMORPHOLOGY

Geomorphological zoning of Smolonsk Province P G Shevelunkov Biul, MOIP, Old, god 36 no 3 bt re-My-Jo '01.

### SMOLENSK PROVINCE-PASTURES AND MUADOW (

Watershed meadows in the interfluye between faciliant Dnieper Rivers within Smolensk Province. A.A. Vestsi AN BSSR, Ser, bilat, nav. no. 1,122-124 115

SMOLENSK PROVINCE—RURAL CONDITIONS
Developments in the rural regions. V. Popov. Part 11/22:
no. 3:25-29 F 167.

SMOLENSK PROVINCE -- WORLD WAR, 1939-1945 --UNDERGROUND MOVEMENTS

Sharaev, N.S. [Operation Prigor'ye] Prigor'evshita operatsiin, [Moskva] Mosk, rabochit, 1966. 262 p.

Immunization of corn against common smut. I. A Kalla sheya, Trudy KISKIII 56-66-68 160.

Methodology of studying the mycellum of smut fueg) to sprouts of cereals, G.A. Trunov, V.N. Pontrovskit Trudy KHSKHI 56:26-26 '66.

Studying new methods for ridding millet of smet. 1.F., Sevriukova, Trudy KIISKII 56-41-44 165.

### SNAKES see subdivision under India

SNAKES-ANATOMY Comparative analomy of pulmonary vassels in representatives of the suborder Serpentos, IU, P. Antipoleik, Dop. AN URSR no. 10:1352-1354 166.

#### SNOW

(see also subdivision under Kamchatka, Khibiny Mountains)

Possibilities of reducing snow loads on flat 100fs. V.A. Ostavnov, L.S. Rozenberg, Prom. strot. 44 no. 12: 28-32 166.

Regulating the melting of snow on eroded turf-Podrolic soils U.V.Zhylkor H.I Kazakou Vestsi AN BSSR Scr sei'haspinavi no 447-20 '66

#### SNOW REMOVAL

Show removal from city thoroughfores; from materials in foreign piess, V.D. Belikov, Goi khoz Mosk, 41 no. 1:14-45 Ja 167

SNOW SURVEYS see subdivision under Antarctic regions

SNOWMAN, ABOMINABLE see Yeti

#### SNOWPLOWS

Baurin, T.F. [Modern designs of plow units of urban snow removers] Sovremennye konstruktsii pluzhnykh rabochikh organov gorodskikh enegoochistitelei. Moskva, Milinformatsii stroidoi kommunnash, 1965, 38 p. (Sertia 3: Mashiny i oborudovanie difa kommunal'nogo khostalekra)

Improving the quality of toilet soap. A.A. Zelenetskala and others. Masl. - zhir. prom. 32 no. 11:17-20 N 166.

### SOAP INDUSTRY

Experimental determination of some parameters of vacuum processing of the soap base. M.1 Muchnik Masl. -zhir, prom. 33 no 1·16-20 Ja '67.

SOAP INDUSTRY-EQUIPMENT AND SUPPLIES See aubdivision under Gorkiv

SOBOLEVSKII, PETR GRIGOR'EVICH, 1782-1841 Petr Grigortevich Sobolevskii, S. 1A, Plotkin, Porosh. mat. 6 no. (2:100-10? D '66.

#### SOCCER

(see also subdivision under Kiev)

Simakov V.I. [Soccer; tactical combinations in placing the ball into play] Futbol, takticheskie kombinatsii pri vyedenti mlacha v Igru. 2. izd., ispr.i dop. Moskva, Sovetskaia Rossiia, 1996. 109 p.

### SOCHI--LEUKEMIA

incidence of leukemia in Sochi and Tuapse. V. N. Lehedev and others. Probl. gemat, i percl. kt ovt 12 no 1 52-51 Ja '67.

### SOCHI-MINERAL WATERS, SULFUROUS

Results of treating chronic dermatoses with highly concenti ated hydrogen suffide baths in Sochi Henlih Resort. S.I. Dovrhanskii. I. I. Malkin. Vop.km . fizioter i lech-fiz.kuli. 31 no.6:509-512 '66.

### SOCHI-VOCATIONAL EDUCATION

A politechnic school in Socht. G Kurus'. Sied spats. obr. 13 no.7:34-35 Ji  $^{1}66\cdot$ 

### SOCIAL CLASSES

The alliance of the working class and peasantry is a decisive factor in the struggle of the building of socialism and communism. Sh. O. Orazimbetov. Trudy TashGU no 278:5-9 '66.

## SOCIAL GROUP WORK

(see also subdivision under Chelyabinsk Province; Gorkly; Kherson Province, Siberia, Western; Tula)

Real onthusiasis; work experience of public service organizations] Toelised entusiasitid; ubjekondlikel alustel tegutsevate organite tookogemustest. Tallinn, Eesti Raamat, 1995. 133 p. [In Estonian]

SOCIAL INSURANCE see Insurance, Social

### SOCIAL PSYCHOLOGY

The concept of "social environment" and its role in the development of porsonality. G. I. Dracheva. Uch. zap. Sver. gos. pod. inst. no. 35;3-17 '66.

Defining the category of imitation in social psychology, A. M. Agal'tsev. Vest, LGU 21 no. 23,138-141 166.

Discussion of B. D. Parygin's book "Sortal psychology as a branch of science," i. V. Kostikova. Vest. Mosk, un. Sor. 8; Files, 21 no. 8;50-52 N-D '66.

On psychological trends in the bourgeois acciology V. Kožobkov, Komm. Ukr. 36 no. 5:58-66 S '60 Problems of social psychology in the theories of utoplan socialists. V. V. Ermolin, Vest. LGU 21 no. 23:141-144 '66.

### SOCIAL SCIENCES

All-Union competition for students' academic work, Nauch, doki. vys. shkoly; ekon, nauki 10 no, 1:99 '67,

SOCIAL SCIENCES—BIBLIOGRAPHY see Bibliography— Social sciences

SOCIAL SCIENCES-CONGRESSES see subdivision under Omsk

#### SOCIAL SCIENCES-STUDY AND TEACHING

Conference of the social sciences department heads of the contracts of the social sequences department heads of an institutions of higher loading of the U.S. S. R. Nauch, dok! vys shkoly, chon mark! 4 no.1,128 [6].

Developing a communist attitude toward work during

social science leasons, S L Brace, Voch, and, shkola 9 no. 5:37-42 S-O '66,

Together with the collective B.Drozdov. Sted, spets. obr. 13 no.7-41-12 Jl '66.

#### SOCIALISM

Some characteristics of the ideology of present-day re-formism L.E.Garbet Nauch trudy TashGU no. 279 95-118 *65

SOCIALISM AND NATIONALISM see Nationalism and socialism

### SOCIALIST COMPETITION

Advanced collectives; results of socialist competition for the second quarter of the year, A Smill now, Neffinik 11 no. 10 4-5 O 466

Competition in honor of the Great October Revolution is widening. Mias, ind, SSSR 38 no 11-3 Ja 167

Consultation on the organization of socialist competition. Razved, i oku, nedr 28 no. 8:60-61 Ag '60.

Economic work in a trade-union group M Kovalenko. Sov profetinzy 23 no.1:10-13 Ja 67.

From the experience of the work of the brigades and shock workers of communist labor, A E Aslanov, M.M. Grigor'ev Spint, prom 28 no 3 is *62

Row to achieve effective competition? I. Vladyshenko, Agitator 31 no.2 46-48 Ja 467.

Lebedeva, N.B., and O.I.Shkaratan. [Essays on the history of socialist competition] Otherki istoril sotsiall-sticheskogo sorevnovantia. [Lenlagrad] Lenizdat, 1966

Let us take first place in the competition. Zakup sel'khoz, prod, no.11,4-5 N '66.

Let's welcome the 50th anniversary of Soviet rule in a belitting manner. A. Savchenko. Mias. Ind. SSSR 38 no. 1 3-5 Ja 187

On the road toward a plant of communist society A. V. Bublikov Koks i khlm no 7 52-55 162

Socialist competition and developing the creative initiative of the masses. G. Evstaffey. Sots. trud. 12 no. 2: 3-H F '67.

Trileay Distillery after the 22d Congress of the CPSU, M.T. Tuznev Spirt, prom 28 no. 3 i6-47 162

### SOCIALIST PARTIES

Some characteristics of the ideology of present-day re-formism, L. E. Garber Nauch trudy TashGU no 279-95-118 165,

SOCIALIST PARTY see subdivision under Germany, West; Japan

### SOCIALIST PROPERTY

Developing the cooperative and collective forms of property to the public level during the large-scale building of commutating conference of the Economic Faculty of the Moscow University. I.Suslov. A.Emel! Nauch.doki vys. shkoly, ekon nauki 1 no. 1:143 -

SOCIETY, PRIMITIVE see subdivision under China

SOCIETY AND ART age Art and society

(see also subdivision under Poland)

Drozdov, A.V. [Men and social relations] Chelovek i

obshchestvernye otnoshenita. [Leningrad] Izd-va Leningr. univ., 1986, 122 p.

Problems of culture in the sociology of the West, E. M.

Shteerman. Vop. filos. 21 no. l:163-176 '67. Problems of peace in present-day sociology. P. N. Fedo-Beev, Vop. filos. 21 no. 1 3-16 '67.

Some methodological problems of the sociology of labor.

J. J. Changli. Vop files, 21 no. 147-27 167.

### SOCIOLOGY, RURAL

Changes in the social structure of the modern capitalist village, S, 72-82 167. S, Nadel'. Mir. ekon, i mezhdunar, otn. no. I:

### SOCIOLOGY, URBAN

Objectives and methods of the ethnographical study of the culture and way of 1sto of the population of Hussian cities; the urban population of the central part of the R, S, T, S, R, L, A, Anokhina, M, N, Shmelova, Sov. etn. no. 8;57-87 N-D 166.

### **BODIUM**

(see also subdivision under Kazakhsian)

Reaction of quinones with sodium. V. O. Lukashevich, E. N. Dokunikhina, Doki, AN SSSR 167 no. 2, 357-360 Mr 166,

### SODIUM-SOLIBILITY

Nature of the stopped offect in the kinetics of metallic sodium dissolution. T. A. Miskinova, N. A. Viskova, K. N. Kołolartseva. Doki, AN SSSR 167 no. 2:386-387 Mr 166.

#### SODIUM CARBONATE

Fifuct of water vapors on the interaction of soda with sulfur diovide at temperatures above 100°C. V.S. Lpikhanov, T.I. Kunin. Izv.vys ucheb, zav, khim. i khim. tekh 9 no 5 785-790 '66.

### SODIUM METAPHOSPHATES

Molecular weight of Madrell sait N. M. Dombrovskii Zhui neoi g khim 12 no 188-73 Ja 167.

### SODIUM NITRATE

Symmetry of sodium mirrate crystals. N V. Voltschhov-skir Min shor 20 no 1 102-104 '66

### SODIUM SILICATES

Reaction between highly basic calcium silicates and high-silica sodium silicates O I Luktianova, I,IU, Uvarova Dobl. AN SSSR 172 no. 3.645-648 Ja 167.

### SODIUM SULFITES

Decalcification of natural brines with sodium sulfite, B. A. Shokhet, F. M. Karasik, A. I. Panteleeva, Trudy GIPKH no 47:27-34 '62

## SODIUM ZINC SILICATE CRYSTALS-GROWTH

Crystalline structure of synthetic Na-zne silicate
Na₂ZnSiO₄. V. V. linkhin, A. V. Nikitin, N. V. Belov,
Dokl. AN SSSR 171 no. 6,1325-1328 D '66.

### SOIL, PODZOLIC see Podzol

#### SOIL ABSORPTION

Role of pores of different sizes in process of absorption of rainwater in soil, V.IA, Kulik Shor rab. po gidrol no. 5,146-156 '86

#### SOIL BINDING

Stabilization of slopes. M N Fisun  $^{-1}\mathrm{Put}^{4}$  ; put, khoz 10 no.7,33-35  $^{+60},$ 

#### SOIL BIOLOGY

(see also subdivision under Ararat Plain)

Biological activity of soil during the development of artificial structure L N Abrosimova, Biul. mauc tokh. inform po agren, fiz. no 8/9:75-86 160.

SCIL CHEMISTRY see subdivision under Minsk region

SOIL CHEMISTRY-BIBLIOGRAPHY see Bibliography-

#### SOIL CONDITIONERS

Biological activity of soil during the development of attificial structure, L. N. Abrosimova, Biul, nauch tekh, inform, po agron, fiz no 8/9 79-86 160

Comparative study of the effect of polymers on the water stability of the structure of some soils. P V Vershinio, Hul, nauch -tekh inform polagron fiz. no. 8/9 59-60 160.

Effect of a polymer on winter wheat yields. I. A Romanov. Blul. nauch -tekh inform. po agron. fiz. no. 8/9 70-73 '60,

Using polyacrylamide to improve the physical properties of solis, I A Romanov. Blul, nauch -tekh, inform, po agron, file no 8/9/74-78 '60,

### SOIL CONDITIONERS-SPECTRA

Infrared spectroscopic study of the structure-forming properties of polymers G L. Masienkova. Biul. nauch.-tekh.inform.po agron fiz. no.8/9:61-69 '50

### SOIL CONSERVATION

(see also subdivision under Moscow Province; Saratov Province)

Control of soil erosion and crop yields. E. I. Tananakin. P. S. Trogubov. Vest. soi khoz. nauki 11 no. 12:1-7 D '66.

### SOIL FAUNA

(see also subdivision under Ukraine)

Effect of Mall'tsev's tillage mothod on the soil fauna. M. M. Aleinikova, N. M. Utrobina. Trudy Kazan, fil. AN SSSR, Ser, biol nauk no 5:19-29 180,

### SOIL FERTILITY

Increasing the fortility of drained heavy mineral soils. A. V. Snigireva. Vest. sel'khoz. nauki 11 no. 12:22-26 D '66.

Intensive cultivation of sandy-loam soils. F. M. Balev. Vest.sel'khoz.nauki Il no.12:13-21 D '66.

Let's improve the fertility of turf-Podzotic soils, V. T. Makarov, Zemiedelie 8 no. 4:21-24 Ap 160.

## SOIL FERTILITY—CONGRESSES

Results of the conference on the problem "Scientific bases of the efficient use of soils in the Chernozem zone of the U.S.S.R. and ways for increasing their fertility." P.G. Adertkitin. Pochworedenic no.1223-124 Ja '67.

### SOIL FORMATION

(see also subdivision under Yugoslavia)

(see also submitision under Tagosawan)
Letter to the editor in connection with the criticism of
V.V. Dokuchiev's "theory of factors," N. S. Kologodov,
Pachvoyadente no. 4:121-122 Ap '60.
Process of soft formation, N. N. Bolyshev. Pochvovedenic no. 4:81-90 Ap '60.

### SOIL FORMATION (Continued)

Rate of soil formation in timestone quarries and secondary changes in buried light gray forest soils
Smarnov Porhyovedenie na 4 91-102 \p '60

SOIL FORMATION-BIBLIOGRAPHY see Bibliography-

#### SOIL FREEZING

Potassium chloride in struggle with heaving of soils F. I Tiutiunova Shor. Nilosp. no 56:48-71 '66

Problem of effect of heated buildings on death of natural freezing of soil I. G. Rabinovich Sbor Nilosn no 56 78-87 866

### SOIL MECHANICS

(see also subdivision under Novosibirsk)

Basic principles of relatation theory of consolidation and new solution for calculation of settling over time of foundation beds of structures. A.I. ksenofonto., Trudy MilT no. 240 27-45 166

Change in physical and mechanical properties of some soils as a result of swelling. Zh. E Rogatkina Trudy MIIT no 240 108-114 166.

Deformation and strength of clay foundation bed under rigid stamp Lekvi An. Trudy MHT no. 240.46-

Experimental studies of mechanical properties of soils un-der intense dynamic loading N D Krasníkov Trudy Gidropioekta no 13 199-211 188

For mulating problem in dynamics of soil with low moisture content undergoing great disturbance L D Aptekart. Trudy Gidnoprockts no.13 169-168 186

Methods of studying the properties of rocks in a nonevident state of flowage M.N.Druzhinin Biul MOIP Old geol 36 no 3 146-147 M_J-Je '61

Nature of critical acceleration for determining dynamic stability of water-saturated sands Sh. A Sideras, Osn., fund. 1 mekh. grun 8 no 5 38-39 '66

Problem of criteria for dynamic stability of sand A M.

Aronov, Trudy Gadroprockta no. 13,177-178 *86
Problem of formulating mixed problem of theory of
elasticity and theory of loose media. G. A. Geniev.
Osn., fund i mckh. grun 8 no 5 5-7 *166

Problems of soil dynamics for hydraulic construction and direction of further research L. D. Aptekar!, L N. Shcherbina Trudy Gidroprockta no 13 93-106 '66.

Resistance of losss foundation beds of friction piles, V A Zurnadzhi Osn, fund i mekh grun 8 no. 2 30-32 166.

Sinking shells into ground using thixotropic jacket and vibro-driving machinery A S Trachenko, Osn., fund i mekh, grun 8 no. 5 32-34 '66.

Some possibilities of geophysical methods in the study of physicomechanical properties of soils in situ. V. S. Polevoi. Biul MOIP. Otd. geol. 36 no 5-148 S-O ¹61.

Study of bearing capacity of soils. O.N. Androsova. Trudy MHT no 240.5-11 *66.

Studying mechanical properties of hard (of semistone type) clays. E I, Mishnaevskaia, Trudy MIIT no. 240:60

Studying relation between resistance to the sinking of cone and the angle of internal friction in sandy soils. G P Postoev Trudy MHT no. 240:85-97 168.

Using static penetration for calculating bearing capacity of a pile. IU.I.Kovalev. Trudy MHT no. 240 12-20 186.

Zones of clastic and critical equilibrium in slopes of rectilinear outline. M. A. Reznikov, V. T. Guzchenko Izv. vys ucheb. zav., gor. zbur. 8 no 10-43-46 455.

### SOIL MICRO-ORGANISMS

(see also subdivision under Arctic regions, Irkutsk Province, Karelia; Tajikistan; White Russia)

Effect and aftereffect of deep subsurface tiliage according to Mailtsevis method on the entire microflora and microbiological processes in gray forest soils of the Tatar A. S. S. R. S. M. Samosova, L. T. Fattakhova, A. A. Munina. Trudy Kazan III. AN SSSR. Ser, biol. nauk. no. 5;31-48 '50

Effect of the liming of soil and hay harvesting on the microflora and yield of leguminous and graminous grass mixtures. A. I. Krasni'nikova-Krainova. Ucb. zap. GGU no. 50-142-149 '59.

Effect of the various amounts of herbicides on soil micro-flora. L. I. Isaava. E. D. Novogudskafa. Vest. sell-khoz. nauki 11 no. 12,57-59 D '66.

Effect of unfavorable climatic conditions on microflora of soils of different cultivation degrees. P. P. Rahayoi. V. P. Rahayaia. Vestsi AN BSSR. Ser bital nav. no. l:

Effect of vegetation on soil microflora. S. A. Samtajevich. Vestsi AN BSSR, Ser. biial. nav. no. 1;43-50 '67.

### SOIL MOISTURE

(see also subdivision under Gissar Range, Kuma Valley; Lena Valley, Terek Valley; Ukraino)

Dates mining height of capillary ascent of water in cohesive soils. N. P. Chubarova. Shor. NHoen. no 56:42-47 '66

"Marking" soil moisture with chlorine ions to study regularities of its migration under field conditions. I.S Vasil'ev, A.A Rode. Pochvovedenie no. 4.3-9 Ap 160. Method of determining the "capillary disruption moisture," a hydrological constant of scits. A M Globus. Bud, nauch stekk, inform, polagron, fiz no 8/8 98-103 '60

Moisture conditions of soils in field crop rotation, V.F. Masslov I/v ISkill no. 21-149-160 '62,

More on the moisture capacity of soils. N. A. Kachinskii. Pochyovedenie no 1:79-90 Ja '67.

Relation of heaving of soils to their natural moisture. V. M Sokolova Sbor. Hosn no 56:88-96 166.

Soil moisture and eroision as exemplified in the humid subtropical regions of the U. S. S. R. A. M. Burykin, Pochvovedenie no, 3 88-95 Mr 160.

Translational migration of capillary moisture in sandy soils V IA Staprens Pochvovedenie no. 1:10-15

Water balance of pine stands on the hilly sands of the lower Dnieper Valley. A V. Sudskov Biul, nauch, tekh, inform, po agron fiz, no. 8/9 92-97 '50

### SOIL MOISTURE-CONGRESSES

Water in the unsaturated zone (a symposium in Holland. 1966) A. A. Rode. Pochyovedenie no. 1:126-133 Ja 167.

SOIL MOSTURE—EFFECT ON PLANTS see Plants, Effect of soil moisture on

### SOIL MOISTURE-MEASUREMENT

Dependence of electric properties of Donets Basin coals and rocks in high-frequency fields upon moisture and ash content. G. R. Nosey, L. G. Sakalo, Gor, elektromekh i avtom, no, 1 62-66 165

#### SOIL PERCOLATION

Axisymmetric liquid flow in an anisotropic bed with a permeable roof. B.A Aklimedov. Izv. AN Azerb SSR Ser fiz *tckh.i mat.nauk no.4*104*106**06.

Dependence of percolation potentials in fine-grained tocks in size of pores, D A Shapiro Izv. AN SSSR. Fiz zem no. 12 71-76 '66,

Determining the permeability of soils to water in studying surface runoff L. I. Rastorguev. Vest. sel'khoz, nauki 11 no. 11.107-109 '66.

#### SOIL PHYSICS

(see also subdivision under Volga Valley)

Studying consolidation of thawing ice-saturated soils. N. A. Tsytovich. V. G. Grigor eva. IU. K. Zoretskit. Sbor. NIlosn no 56:07-141 '66.

SOIL PHYSICS-BIBLIOGRAPHY see Bibliography-Soil physics

### SOIL RESEARCH

Activity report for 1959 of the Aff-Union Society of Soil Scientists, N A Razorenova Pochvovedenie no 4,125-127 Ap 160.

On the 98th anniversary of the birth of Vladimir Illich Lenin. Pochvovedenie no. 41-2 Ap 160,

### SOIL STABILIZATION

(see also subdivision under Volga Hydroelectric Power Station (22d Congress of the CPSU) )

Chemical stabilization of soils with "Sumisoil," I. A. Ganichev Transp. stroi. 16 no. 3 53-55 Mi '66.

Compacting embankments with underwater explosions, A. P. Kudulis. Transp. stroi. 16 no. 3:51 Mr 166

Compacting layer of incohesive water-saturated soil under dynamic forces, P. L. Ivanov, Trudy Gidt opt ockta no 13,180 - (88 | 66

Effect of salts on compressive proporties of loss. Stupakova, L.V. Smolina, R.A. Popova, Stroi. i arkhit. Uzb. 7 no 12:23-24 D '66.

The efficiency of vertical drains in peat soils, I.E. Evgen'ev. Osn., fund, i mekh grun. 8 no.5,29-30 '66,

Interaction of tamping tools with soil being compacted, S.A. Feitel'man. Transp. strot. 16 no. 3:46-48 Mr '66.

Stabilizing railroad embankments on sliding slopes. K.Sh.Shadunts, V.B. Veselovskii, T.A. Timofeeva, Transp. stroi. 16 no. 2,4-5 F '66.

Studying dynamic compressibility of soils. L. R. Staynitser. Shor. NIIosn no.56:151-167 '66.

### SOIL SURVEYS

New method for barometric hypsometry of farmland using an aneroid barometer. P. M. Orlov and others. Dokl. TSKHA no. 44:125-137 159.

SOIL TEMPERATURE see subdivision under Kamchatka; Siber ia

### SOILS

ills (sec also subdivision under Karakul' 1 egion, Bukhara Province; Kaskelon District, Nyurba District, Ryazan Province, Shevchenko region, Kazakhstan; Siberia; Soviet Central Asia; Vakhsh Valley; Yakutsk)

Following the traces of the Paleolithic and buried soils across the Dniester into Czechoslovakia. A.I Moskvitin, Trudy Kom. chetv. per. 18:160-171 '61.

Use of holes for retaining the water from mailing and-D Gleiberzon, M Kuznetsova Tekh v suljukan no. 12-0-ti D [6]

### SOILS—ANALYSIS

SOILS—ANALYSIS

(ace also subdivision under Dnieper Valley, Germud,
East, Harpenden, Great Britain)

Akademilia nauk SSSR, Institut geografit. [Micromorid or logical method of studying the general of satis] Mikromoriologicheekit metod v issledovanii genezin i pochy. Moskya, Nedra, 1966, 170 p.

Behavior of propagine in soil. N.T. Popov. Vest. sell-khoz pauki 11 no. 12,131-116 D '66.

Detection of 3, 4 benzopyrene in soil. N.P. Shaherlita, Vop. ank 13 no.1 77-80 '67

Effective means M. TSyganov, A. TSut Ikov. Zitpletele 29 no 1:12-11 Ja 67

Method of determining the total microelement content of some and plants. C. J. Rinkis. Pochvovedente in 174 82 My 190.

SOILS-BIBLIOGRAPHY see Dibliography-Solle

#### SOILS-CLASSIFICATION

(see also subdivision under Golodatya Steppe; Moldavia)

Characteristics of soil formation on limentages and the fundamentals of their classification. M. Chile (4.5%) we vederic no 1,70-78. Ja  $^46\%$ 

Criterions of soil classification. F. IA. Gavi Hink Vista-voyedents no 1:3-9 Ja 167

International conforonce on golf classification and west 1 normational communication and the soil map — E. V. Lobova, B. G. Rozanov.—Pochecocitatic no 1433-131—Ja 187

Transcaucasian symposium on soil nomenclature art determination of soil types, R. I. Papisov. 1/4 horse denie no 1:124-125 Ju 167.

#### SOILS ... COMPOSITION

Effect of soil characteristics on ash composition in annual spruce needles and birch and rown leaves. M. I Chekalova. Pochvovedenie no 198-108 Ju. 197

### SOILS-COPPER CONTENT

Photometric determination of copporate selfouring  $n(\epsilon)$  -1 dichyldithiophosphato A. I. Bursov, A. A. Normaliuk Pochvovedunie no 1:110-111 Ja $^{-1}$ 67

### SOILS-ELASTIC PROPERTIES

Determining modulus of classicity of solis with submite structure. Z.S. Karpushina. Shor. Nilosa. no 14,114. 100 '66.

Solving axisymmetrical problems for round class on clastic foundation boths. O. IA, Shekhter. Oan., for i mokh, grun, 8 no. 5:1-5 166.

SOILS-JODINE CONTENT see subdivision under Crimea, East European Plain

SOILS-RON CONTENT see subdivision under Georgia

### SOILS-LEAD CONTENT

Polarographic determination of lead microcenters beaut's A. A. Sakharev. Pochvovedenie no. 1:107-110 Jn '67

(see also subdivision under Hungary)
Compiling the comprehensive agreemented contralisms
D. Z. Robovníkov. Shkola i protzv. 10 no.10,33-14
O '66.

Development of acrial methods in soil mapping in the U.S.S.R. V.L. Andronikov. Pochwovedente no 1/2-19 Ja 107

International conference on soil classification and world soil map. D. V. Lobova, B. G. Rozanov. Postavoreder on 1133-134 Ja '67.

Interpretation of aerial soil photographs of neit (0.8) of the subzone of turf-Podzolic soils. M. S. Strakers. Pochvovedenic no.1;10-26 Ja 167.

Large-scale mapping based on actial photographs of settle in the areas with moraine and locustrine giselst deposition of the taiga zone. IU.S. Tolchellnikov. Postovadenie no.1:26-40 Ja '67.

### SOILS-MOLYBDENUM CONTENT

Comparing methods for determining molyhdraum in \$1.11*, V. A. Bol'shakov and others. Agrokhlinita no. 1:11*1 145 Ja 107,

### SOILS-NITROGEN CONTENT

Dynamics of nitrates in connection with relief and the degree of soil erosion. S. N. Taichinov, M. M. Pattallin. Pochvovedenie no. 4:71-80 Ap 160.

Effect of peat and green manure on nitrogen halance to turf-Podzolic soils, V.K. Mikhnovskii, P.N. Vyseekkain, L.V. Kotova. Agrokhimita no. 1:85-93 487.

Nitrates in soils of potato fields, V.P. Iffdina, jav. Inkill no. 24:161-166 '62.

### SOILS-NOMENCLATURE

Transcaucasian symposium on soil nomenclature and determination of soil types. R. I. Papisov. Pochawedenie no.1:124-125 Ja '67.

SOILS-POTASSIUM CONTENT see subdivision under Caucasus

SOILS-RADIUM CONTENT see subdivision under Caucasus

### SOILS-RARE EARTH CONTENT

Rare-earth elements, yttrium, and thorium in biosphere and soils G.E. Pashneva, T.P. Slavnina, V.V. Serebremikov. Trudy TGU 185 44-50 185.

### SOILS—SPECTRA

Using method of infrared spectroscopy combined with other physicochemical methods in mineralogical analy sis of clays and soils A.I Bol'dyrev, Min shor 20 ro 196-101 '66

## SOILS-TESTING

Crosp of instruments and apparatus with program control for studying soils. I. I. Bol'shedonov, P. N. Makaruk, F. I. Vinokan ov. Osn., fund, i mekh, grun. 8. no. 5. 39-41. [6].

### SOILS-THORIUM CONTENT

(see also subdivision under Caucasus)

Hare-earth elements, yttrium, and thorium in blosphere and soils. G. E. Pashneva, T. P. Slavnina, V. V. Serebrendkov. Trudy IGU 185 44-50 185.

SOILS-TITANIUM CONTENT see subdivision under

SOILS-TRACE ELEMENT CONTENT see subdivision under Kemerovo Province

### SOILS, RADIOACTIVE SUBSTANCES IN

Relationship between adsorption and diffusion rate of microgram quantities of strontium in soil. V. M. Proklorov: A. S. Frid. Radiokhimila no. 6:885-896 '66.

Studying the corption of long-lived fination products by soils and clay minerals. IU. A. Kokotov, R. F. Popova, A. P. Ul-baniuk. Biul, nauch, -tekh, inform, po aga on, fiz. no, 8/9: 17-51 160.

### SOILS, SALT IN

(see also subdivision under Golodnaya Steppe)

Methods in the study of soil solinity. A. Gataulin. Shkola i proizv. 10 n o.12;35-37 D 186.

#### SOILS AND CLIMATE

Effect of inflavor able elimatic conditions on microflors of soils of different cultivation degrees. P. P. Rahavot. V. P. Rahavota. Vestei AN BSSR, Ser. bital. nav. no l:

### SOKOLOV, NIKOLAI IL'ICH, 1907-1960

Nikolal Illich Sokolov; obituary, G. A. Maksimovich, Peshchely no 2 115-116 162

### SOROLOV, VLADIMIR

The unexpected discovery came.... Igor! Volgin. Obliabs 43 no. 12 191-195 D 166.

# SOKOLOVKA (KAZAKHSTAN)—IRON MINES AND

May the combine get stronger and may it advance! Z. Got'dman. Agitato: 31 no3,46-18 F 167.

### SOKUR VALLEY-WELLS

Harmful effect of clay mud in core drilling for water. I.S. Rusanov. Razved, i okh, nedi 26 no. 3(18-22 Mr '60

### SOLAR FLARES

Results of a spectrophotometric study of the chromospher-ic flare of June 25, 1960 H. Ev. AN Azerb. SSR. Ser. fly-tekh. i mat. nauk. no. 4:96-103 166.

### SOLAR PLEXUS-DISEASES

Solar syndrome in the clinical aspects of coronary insufficiency. V.D. Trachin, Sov. med. 29 no. 10 89-93

### SOLAR RADIATION

(see also subdivision under Haikal Lake region Bol'shoy Ushkaniy Island, Kamchatka, Turkmenistan)

Completeness of the utilization of the radiation energy by the geographical environment, V R. Volohuev. Trudy Azerb, geog ob-va 3.15-25 156.

### SOLAR RADIATION-OBSERVATIONS

Solar radiation and radiation balance data, Sol, rad, i rad, bal. N-D '65, publ, 1986,

SOLAR SPECTRUM see Spectrum, Solar

### SOLDIERS

He does not search for rest. L. Shapa. Sov. voin 48 no 24.8-9 D 161.

#### SOLENAYA VALLEY (UKRAINE)-HORNBLENDE-ANALYSIS

Variations in composition of hornblendes from metabasic formation of Chertomlyk-Solenaya region, V, L, Botko, Min. sbor. 20 no. 22,7-258 166.

### SOLID HELIUM

Equation of state of solid helium at high pressures. V. P. Trubitsyn. Fiz.tver.tela 8 no.11;3241-3247 N 68.

SOLID SOLUTIONS see Solutions, Solid

#### SOLIDS, EFFECT OF RADIATION ON

Relation between the inside temperatures of bodies heated by radiation V.V. Ivanov. V.V. Salomatov. Izv.vys ucheb znv.; fr. 9 no.6;45-49 '66.

#### SOLIGORSK-SALTS

Effect of microclements of Soligorsk satts on photosynthesis and development of potatoes M. M. Hancharyk, M. U. TSin ientsicva, L. M. Darozhkina Vestsi AN BSSR, Ser butal ray, no 4-5-10 185

# SOLODOVNIKOVA, LIDIJA LEONIDOVNA, 1896-1960

In memot y of Lidiia Leonidovna bolodovnikova Zap Vsea, min ob-va 98 no. l-118-120 161,

#### SOLONCHAK SOILS

(ace also subdivision under Tajikistan, Terek Delia)

Corrosion of steel pipelines in Solinchak soils and their protection by polymeric materials. V.F. Negreev, G.A. Allakhverdiev, Sh.G. Mekhitevn, Trudy Inst. Phim AN Azerb. SSR 20:04-108 '61,

Study of the aging of plastics in Solonchak soils. V. F. Nogriev, G. A. Allakhverdiev. Trudy Inst. khim, AN Azerb, SSR 20:100-126 '64.

Study of the potentials of steel and corrosion cells formed in Solonchak soils. C. A. Allakhverdiev, IU. G. Samedov. Trudy Inst. khim. AN Azerb SSR 20:138-149

### SOLONETZ SOILS

(see also subdivision under Siberia, Western; Tselinograd Province, Yergeni Hills)

By the method of establishing meadows. V. Isakov Zemledelic 29 no.1,21-22 Ja 167.

Effective means. M. TSyganov. A. TSurikov. Zemledelie 29 no.1,12-14 Jo '67.

l'iom experiments to larger areas. I, Silko Zemledelle 29 no.1,23-24 Jn 67

Inexpensive hey, good pastures. D. Adil'bekov. Zem-ledelie 29 no 1;24-25 Ja '67

No more unproductive lands. S. Veselyi. Zemledeile 29 no.1.26 -27 Jn '67.

Reclaiming Solonetz soils K. Pak. Zemledelie 29 no.1:8-11 Ja 167.

Root system of the plants of natural phytococnosis in peneplain Solonetz soits. T.A. Anarkulov, I.O. Baitulin, N.M. Mukhitdinov, Vest, sol'khoz, nauki [Kazakh. | 10 no.117-25 Ja *67.

### SOLUBILITY

Kinetics of supersaturation in aqueous suspensions of tricalcium aiuminate and the determination of its metastable solubility [with summary in English]. E.S. Solov'eva, E.E.Segalova kell zhur 23 no. 3,306-314 My-Je '61.

Studying the solubilizing capacity of some synthetic surface active agents. B. M. Brovskii, IU V Ullianov. Masl. -zhir. prom. 32 no. 11 24-25 N '06.

Kinetics of dissolution of glasses of the As - Te - Ge system in alkaline solutions, V, R, Panus, Z, U, Boriso-va, O, V, Pinskaia Vest, I.GU 21 no, 22:152-154 '66.

### SOLUTION (CHEMISTRY)

Change of the type of singular star of quinary recipiocal systems in the substitution of halides by nitrate ion. V.1. Posypotko. Zhur, neor g. khim. 12 no. 1 216-210 Ja '67.

Internetion between components in ternary nitrate nqueous-salt systems. M. A. IAkimov. Probl. sovr. khim, koord, soed. no. 1:136-156 | 66.

Kinetics of dissolution of uranium ti locide Part 1 Equations for specific rate of dissolution of substances of various shapes. E. A. Kanevskii. Radiokhimiin n.o.6:

Retational isomerism in solutions and the mechanism of depressor action M. I Shakhprronov Dokt. AN SSSR 167 no. 2:388-390 Mc *66

### SOLUTION (CHEMISTRY)—THERMODYNAMICS

Solubility of nonelectrolytes in D₂O and water structure. V. M. Vdovenko, III, V. Gurikov, E. E. Login, Dokt. AN SSSR 172 no.1;126-129 Ja ¹67.

### SOLUTIONS (PHARMACY)

Stability of novobicein in squeous solutions. G.S. Libinson, K.I. Surkova. Antibiotiki 12 no.118-10 Ja 167.

### SOLUTIONS, SOLID

Changes in the solubility of chromium and Bekho, 5 chromium broaze depending on heat treatment. D G. Butomo, N.i. Zedin, TSvet, met. 33 no. 3-62-68 Mr 160.

Conditions of formation of solid solutions in binary systems consisting of alkali metal altrates. R. G. Samuseva, V. E. Pliushchev. Zhur. neorg. khim. 12 no. 1,220-222

Interpretation of isomeric shifts of y-radiation from  $\rm Sn^{18}$  and  $\rm Au^{197}$  impurity nuclei in metallic solid solutions. N. N. Deliegin. Fiz. tver. tela 8 no. 11:3426-3428 N  1 06.

Phase equilibrium and mechanism of reduction of Mg - Al - Cr - Fe - O IU A. Kolneev, V F Balakirev, G I Chufarov Izv. AN SSSR Met no 187-91 Ja-F *67

#### SOLUTIONS, SOLID-THERMODYNAMICS

Thermodynamic study of the system Kilp PO₄ - NH₄H₂ PO₄ - H₂O at 25°C Part 2. Composition of coexisting phases in the system Kilp PO₄ - H₂O at do the thermodynamic properties of solid solutions Kilp PO₄ - NH₄H₂PO₄ at 25°C. S. A. Simanova, M. M. Shul'in, Vest. LéU 21 no. 22 85-92 "66,

#### ROLVATION

Influence of temperature on the correlation of solvato-chromic effect and rate constants of hydrogenation of some nitrobenzene derivatives. A, V. Finkel'shtein, Z M Kuz'mina Dokl AN SSSR 171 no. 4:915-918 D 166

Action mechanism of selective solvents in extraction of lube stock. A.Z Bikkulov, Nefteper, 1 neftekhum, no. 8. 8-12 '66,

Differentiating action of solvents and separation coefficients during extraction L M Gindin, B I, Peshchevitskii, V L.Khcifets, Dokl All SSSR 172 no. 31633-636 Ja *67.

Extraction of complex acids with oxygen-containing solvents. Part 8: Extraction of polonium, bismuth, and lead with ketones, others, and esters B.Z.Iofa, A.S. IUshchenko Radiokhimita no 6:707-709 '66

Extraction of rhennum of sulfuric acid solutions by organic solvents, A. N. Zelikman, L. Dregan, Zhur, neorg, khim 12 no.1:261-268 Ja 167,

Properties of sulfuric acid as solvent, B.D. Berezin, Izv. vys. ucheb. zav.; khim. i khim. iekh. 8 no. 5 7)7-723

State of pheophytin in organic solvents. B.D. Berezin, G.I. Smirnova. Izv. vys. ucheb. zav. khim. 1 khim. tekh. 9 no. 5'749-754 '66.

### SOLVENTS-DENSITY

Coordination numbers of weak electrolytes as dependent on the density of 1120 solvent, M. A. Styrikovich, O. I. Martynova, E. I. Mingulina, Dokl. AN SSSR 171 no. 1. 911-914 D *66.

Equipment for surveying underground chambers V B At anovich, Izv. vys. ucheb. zav., gor, zhuz. B no 9 32-40 '65.

### SONAR IN FISHING

Fish distribution forms and their recording by hydro-accustical devices. K. I. IUdenov. Trudy VNIRO 60: 173-188 '66,

Pieference of high-frequency sonars for fishing E V Shishkova, Ryb khoz 43 no. 1:40-42 167 "Simrad" EN-2V sonar A. A Gan'kov Ryb, khoz, 43

no, 1:43-44 '67

### SORBENTS

Role of adsorption and wetting-tayers of micro additions of organic substances in the caking of coal E.N. Loskutova. Frindy Khim -met, inst 5th old AN SSSR no 15 7-17 '61,

Sorption of ruthentum by natural sorbonts Part 2, Sorption of ruthentum nitrosonitro complexes. N. M. Sinitsyn, F. IA, Rovinskii, V. V. Ispravnikova, Radjokhimita no 6,692-695 166.

### SORBIC ACID

Preservation of bread with sorbic acid. V. V. Shcherba-tenko and others. Khieb. i kond. prom. II no. 1:17-19

Growth and development of sorgo plant under the effect of a short day, F.S.IAstrebov, V.S.TSibul'ko, Vest, sel'khoz, nauki 11 no.11:40-44 '66,

SORGHUM-DISEASES AND PESTS see subdivision under Ukraine

Effect of freezing on corption characteristics of iron hydroxide and manganese dioxide, V. V. Voltkhin, V. L. Zolotavin, Zhur, prikl. khim. 34 no 6 1218-1225 Je

Sorption activity and porous atructure of coprecipitated gels of allicic acid and iron hydroxide, G A Popkovich N.F Ermolenko, Dokl. AN BSSR 10 no. 11.864-868 N '66.

Sorption of organomercury compounds in a multitray adsorber having fluidized seds of activated carbon I.F.Zemskov, A.S.Stepanov, V.I.Gnezdov Zhur prikl, khim. 34 no. 6 1354-1356 Je *61

Thermal method for measuring the dynamics of the adsorption and desorption of moisture by silics gel, I.P. Lychkin, Z. M. Rizov, O. M. Todes. Zhur. prikl khim. 34 no. 6 1225-1231 Je 161

### SORTING DEVICES

Algorithm for external sorting. V. A. Litvinov. Kiberac-ika 20,5 93-98 S-O '66,

### SOUND-MEASUREMENT

Measurement of coefficient of sound reflection from occan hottom V I Volovov, IU IU, Zhitovskii Okeanologua 6 no 6 1086-1088 '66

### SOUND-PHYSIOLOGICAL EFFECT

Dynamics of conditioned reflex changes in the electroencephalogram dur to multiple combinations of sound with rivitimic light stimuli G N Boldyreva, V S Rusinov Zhur vys nerv deiat 12 no 6 10H-1020 N-D *62

### SOUND-TRANSMISSION

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#### SOUND WAVES

Magnetosonic waves in a raisfield plasma. K. M. Stepa-nov. Ulr. fiz. zhur. 1 no 5 678-679 S-O 150.

### SOUND WAVES-INDUSTRIAL APPLICATIONS

Controlling plut fit tightness by accountical impedance methods S, L, Naumov, V, V, Cherniak, Defektoskopila 2 no 6 67-69 466,

### SOUND WAVES—SPEED

Effect of strain on sound velocity in polymeric fibers
O Z Holyk, M IU Kuchynka Ukr fiz zhui II no i2 1364-1372 D 166

Interrelation between the thermal properties of condensed substances and the propagation velocity of longitudinal sound waves. B.N.Oshcherin Teplofiz vys temp 4 no.6 621-826 N-D ¹66

Sound vibrations in dielectrics In external electric fields. L.V. loffe Fiz tyer tela 8 no.11.3274-3279 N '66.

#### SOUNDING AND SOUNDINGS

Using absolute amplitude characteristics of waves for tuning of apparatus in deep seismic sounding operations in sea 1 N. Gaikin Izv AN SSSR Fiz zem no li 100-107 166

### SOUTH AMERICA-ETHNOLOGY

Materials and collections of the Second Russian Expedition to South America, 1914-1915 N. A. Smilnova, Sov. etc. no 6:98-112 N-D '66

### SOUTH CHINA SEA-HYDROPHIDAE

Distribution of sea snakes in South China Sea and eastern Indian Ocean V. P. Shuntov Zool. 7 hur 45 no. 12. 1882-1866 '66

#### SOVIET CENTRAL ASIA-AERONAUTICS IN METEOROLOGY

Aerosynoptic analysis of bumpiness of MI-4 helicopters during two flights in pledmont and mountain parts of Central Asia. VA Dzhordzhio, MA Petrosiants, Trudy GGO no. 189 101-109 'b6,

Aerosynoptic characteristics of period of works of Gazli Acrological expedition of Tashkent State University during September 1-25, 1964, N. N. Romanov. Trudy GCO no.189,144-149 '66,

Some characteristics of flights of helicopters over descrits of Central Asia in summer, P A Voront and others, Trudy GGO no 189 128-143 166,

Summer temperature inversions over desert of Central Asia based on helicopter observations by radiosound-ing V. A Volodina, N N Romanov, S. A Chemik Trudy GGO no. 188 163-177 '86.

# SOVIET CENTRAL ASIA-AGRICULTURAL GEOG-RAPHY-CONGRESSES

Interuniversity conference on the geographical regionalization of Central Asia for agricultural purposes, N. A. Kogai, Izv. Uzb. fil. Geog. ob-va 9:131-133 '66,

### SOVIET CENTRAL ASIA-APATITE-

Rare and trace elements in phosphorite formations in one of the regions of Central Asia. V.F Savel'ev. Nauch trudy TashGU no 234.Geol.nauki no.20:122-127 '84.

### SOVIET CENTRAL ASIA-APRICOT

Maps of seasonal development of apricot in Central Asia, N. G. Kharin, Izv. AN Turk, SSR Ser. biol, nauk no. 5:3-10 166.

### SOVIET CENTRAL ASIA-ASBESTOS

Genesis of sarpentine and chrysolite-asbestos in carbonate rocks. S.T.Budalov. Nauch.trudy TashGU no.234. Geol.nauki no.20:83-88 '64.

SOVIET CENTRAL ASIA—ATMOSPHERIC TEMPERATURE Summer temperature inversions over desert of Contral Asia based on helicopter observations by radiosound-ing. V. A., Volodina, N. N., Romanov, S. A., Chernik,

### SOVIET CENTRAL ASIA-BORON

Supergenic mineralization of boron in skarns of Central Asia. V.D. Otroshchenko. Nauch, trudy TashGU no. 234, Geol. nauki no. 20117-121 '64.

SOVIET CENTRAL ASIA—BRONZE AGE
Kuz'mina, E.E. [Metallic articles of the Aeneolithic
period and the Bronze Age in Central Asia] Metallicheskie izdelita eneolita i bronzovogo veka v Brednei Azii,
V sostavlenit svoda prinimali uebastie A.A. Marushchenko i dr. Moskva, Nauka, 1966. 149 p. (Arkheologia
SSSR; svod arkheologicheskikh istochnikov, no. B4-9)

### SOVIET CENTRAL ASIA-DINOSAURIA

New data on locations of Dinosauria in Kazakhatan and Central laia. A.K.Rozhdestvenskii. Nauch.trudy TashGU no.234.Geol.nauki no.20:227-241 '61.

# SOVIET CENTRAL ASIA-DISCOVERY AND EXPLORA-

Recent historicogeographical data on Russian travels to Kokand during the beginning of the 19th century R IUgai Trudy Instrist est 1 tekh 12 276-286 '62

### SOVIET CENTRAL ASIA-FORESTS AND FORESTRY

In forests of Central Asia N A Borodina, V. I Nekrasov, Priroda no 1 196-119 Ja 267

### SOVIET CENTRAL ASIA-GAS, NATURAL

Natural gases of Central Asia are source of sulfut, 4, M. Khutorov, V. E. Narizhnara Gaz, prom, 11 no.12; 6-8 '66,

### SOVIET CENTRAL ASIA-GAS, NATURAL-GEOLOGY

State of oil and gas resources in republics of Central Asia, and basic trends in geological prospecting G Azhevskii and others Geol neftri gaza 10 no.12

#### SOVIET CENTRAL ASIA-GLASS MANUFACTURE-CHEMISTRY

Abdulazakov, A.A., and M.A. Bezborodov, [Medioval glass of Central Asia, chemical characteristics] Sredne-vekovye stekla Srednel Azii; opyt khimicheskoi kharakteristiki. Tashkent, Fan, 1966. 166 p.

### SOVIET CENTRAL ASIA-RRIGATION FARMING

Pertility and classification problems of the irrigated lands of Central Asia, S N Ryzhov, K.B. Saakiants Nauch trudy TashGU no 210 187-196 462,

## SOVIET CENTRAL ASIA-LAMELLIBRANCHIATA,

New Cenomanian Trigonioides of Central Asia. R.IU. Muzafarova. Nauch trudy TashGU no. 234. Geol nauki no. 20,212-245 64

### SOVIET CENTRAL ASIA-METEOROLOGY, AGRICUL-TURAL-CHARTS, DIAGRAMS, ETC.

Agroclimatic atlas of Central Asia. C.G. Bi odskii. Izv. Uzb. fil. Geog. ob-va 9 124-127 '66.

#### SOVIET CENTRAL ASIA-NATIONALITIES

Historical provisions for the origin and development of the friendship among the peoples of Central Asia, Kazakhstan, and the Soviet Union, V. IA. Nepomnin, Trudy TashGU no 278:110-128 (66).

### SOVIET CENTRAL ASIA-NOMADS

The seminomadic population in the history of Central Asia and Kazakhstan T. A Zhdanko Sov. etn. no. 2 53-62 Mr-Ap '61

### SOVIET CENTRAL ASIA—PETROLEUM GEOLOGY

State of oil and gas resources in republics of Control Asia, and basic trends in geological prospecting. G. A. Arzhevskii and others. Gool neftil gaza 10 no. 12. 1-0 D 466.

### SOVIET CENTRAL ASIA-PHENACTIE

Find of phenacite in pegmatites of Central Asia. K. M. Ki omskala. Nauch trudy TashGU no 234. Geol. nauki no. 20;111-116 '64.

### SOVIET CENTRAL ASIA-PLANT LICE

New species of plant lice (Homopiera, Aphidinea) from mountain districts of Central Asia. Sh. A. Umarov. Izv. Otd. biol. nauk, AN Tadzb. SSR. no. 4.81-91 '60.

### SOVIET CENTRAL ASIA-RUSSIANS

Perepelitsyna, L. A. [Role of Russian culture in the development of the culture of the peoples of Contral Asia [Rol' russkoi kul'tury vı azviti kul'tur narodov Srednei Azii, Moskva, Nauka, 1966, 122 p.

### SOVIET CENTRAL ASIA-SERPENTINE

Genesis of scrpentine and chrysolite-asbestos in carbo-nate rocks. S.T. Badalov. Nauch trudy TashGU no. 234. Geol. naukl no 20:83-88 64.

### SOVIET CENTRAL ASIA—SOCIAL CONDITIONS

Perepelitsyna, L.A. [Role of Russian culture in the development of the culture of the peoples of Central Asia] Rol' russkoi kul'tury v razvitii kul'tur narodov Srednei Azil, Moskva, Nauka, 1968, 122 p.

### SOVIET CENTRAL ASIA-SOILS

Fertility and classification problems of the irrigated lands of Central Asia. S. N. Ryzhov, K. B. Saakiants. Nauch, irudy TashGU no. 210;187-196 '02,

# SOVIET FAR EAST-COMMUNICABLE DISEASES-

Prevention of natural foci diseases with respect to the development of new areas of Siberia and Far East, S. P. Karpov, Zhur, mikrobiol., epid, i immun, 44 no.1.79-83 Ja 167.

## SOVIET FAR EAST-CONSTRUCTION INDUSTRY

Region of new constructions, G. Bafakin, Na stroi. Ros. 4 no. 3:7 Mr 463,

### SOVIET FAR EAST-FISHERIES-ECONOMIC ASPECTS

Some characteristics of economic reform in fishing industry H M Gorbatenko Ryb, thor, 43 no 1:75-76

#### SOVIET FAR EAST-GOLD ORES

Concerning the origin of gold ores in the northeastern part of the U.S.S.R. A.A. Kozyrev Inform. binl. NHGA no 15 79-81 159.

#### SOVIET FAR EAST-HISTORY

Latichev, V E [Secret of a stone turtle, a documentary tale about an archaeological study] Taina kammenoi churchashon poiske [Novosibirsk] Zapadno-Sibirskov knizhnoe izd-vo, 1966. 250 p

### SOVIET FAR EAST----HYDA'TIDS

Distribution of trichinosis and alveococcosis (alveelm rechineoccosis) in rodents of the Fai Last, F,V,
Nadtochii, A, K, TSimbaliuk, V, S, Su kov Med, Paraz,
i paraz, bol 35 no 6;733-731 N-D 66.

### SOVIET FAR EAST-PLOWING

Plowing depth for the virgin turf-Podzolie solis of the Fai Fast, A. I Fgorchenkov, Zemiedelie 8 no. 1 25-30 Ap 160

### SOVIET FAR EAST-PODZOL

Plowing depth for the virgin turf-Podzolic solis of the Far East, A. I Egorchenkov Zemledelic fl. no. 1 25-30 Ap 460

### SOVIET FAR EAST—REFRIGERATOR SHIPS

Refriger tor fleet management possibilities in the lar East, V. S. Egotov, N. I Savin, Ryb khoz, 43 no l 71-72 167.

### SOVIET FAR EAST-REVOLUTION, 1917-1921

Shoreshevskii, B.M. [The defeat of Semenov units, April-November 1920; role of the Far East Republic in the struggle for the elimination of the "Chita block" and the unification of the Far East | Rargrom semenov-shehiny (aprell-nolabr' 1920 g.), o roll Dal'nevostochiol respublici v bor'be za likvidatsila "Chithakol probki" | ob''editenio Dal'nego Vostoka | Novosibirsk, Nauka, 1980 | 238 p. 1986 238 p.

## SOVIET FAR EAST—RODENTS—DISEASES AND PESTS

Distribution of trichinosia and alvecocycosia (alveola) echinococosia) in rodenta of the lon Lant. 1; v. Nadtochii. A. K. TSimbulluk. V. S. Su kov. Mrd. pu az. i para. bol. 35 na. 6:733-734 N-D '66.

### SOVIET UNION see Russia

### SOVETS

(see also subdivision under Siberia, Western)

Gabi ichidze, B.N., and I.F.Rabko. [Local soviets and the inculention of the socialist understanding of law in workers | Mestaye Sovety i vospitante sotsalletiche-skego pravosoznantia trudiashchikhsta. [Restov-nat-Dona] Izd-vo Rostovskogo univ., 1984. 74 p.

Soviets of workers! deputies as a dialectical unity of governmental and public-service organizations, &I. A. Vasilik, Vest, LGU 21 no. 23:94-99 '66.

A women's soviet of a garrison. N. Rogozhin. Giazi., av. 12 no. 10:21 O '55.

### SOVIETS-FINANCE

Consolidation of the economic foundation of the soviete. 1926-1932, Z. B. Shikbiinskii. Izv. AN Azerb, 95ft, Ser. ist., filos i prava no. 3;21-30 '66,

Studying the power expenditure of the process of eawing thick-stutked plants. N. V. Tudell, V. M. Veikhuells, Trakt, i sell khozmash, no 125-28 Ja 167.

SOWS see subdivision under Alma-Ala Province

### SOWS-PHYSIOLOGY

Determining water requirement by brood sow in relation to its physiology, A. IU. Kozhakhmetova. Trudy Inst. fiziol, AN Kazakh, SSR 10:100-101 *86.

SOYBEAN see subdivision under Amur Province

Effect of drying in a "bolling" layer on the quality of soybeans and their oil, V.M. Kopeikovskii and others, Masi, -zhir, prom. 33 no. i:11-12 Ja 167.

Oxidative processes taking place in soybeans during drying in a compact and in a "boiling" layer. V. M. Kopelko. - skif, L. A. Kashevatskaia, Masl. -zhir. prom. 32 no. 11:15-16 N '48.

### SOYBEAN-MOISTURE

Permissible moisture content of soybeans during storage. V. M. Kopeikovskii, L. A. Kashevatskain, Masi. -zhir prom. 32 no. 10-23-25 O 160.

### SOYBEAN-STORAGE

Permissible moleture content of soybeans during storage. V. M. Kopetkovskii, L. A. Kashevatskata, Mast - zhir. prom. 32 no. 10:23-25 O '56.

SOYBEAN-WATER REQUIREMENTS see subdivision under Kazakhstan

SPACE ARRANGEMENT OF PLANTS see Plants, Space arrangement of

### SPACE BIOLOGY-CONGRESSES

Ninth session of COSPAR, A. A. Imshenetskii. Miki obio-logica 35 no 6;1107-1110 N-D '66

### SPACE FLIGHT

New Year, cosmic year. G. Titov. Av. i kosm. no i-9-12 Jn 167.

Space roads of mankind. A. M. Genin. Av. i kosm. no. 1 65 Ja *67.

### SPACE FLIGHT-PHYSIOLOGICAL EFFECT

Physiological measurements in space flights R M Baevskii Priroda no. 1,68-72 Ja 167.

### SPACE FLIGHT TRAINING

Mechanic is the future profession of an astronaut. A. Nikelacy Av. i kosm. no. 2:45-47 F '67.

### SPACE LAW

U.S.S.R. in the peaceful exploitation of outer space.
V.S.Vereshchetin. Sov.gos i pravo no.1:69-73 Ja '67

Treaty on principles governing the activities of states in the exploration and use of outer space, including the moon and other celestial bodies. Nov. view 25 no. 6, 37-10 F *67

### SPACE MEDICINE

Interaction of analysors during flight in airplanes and spaceships. V. V. Baranovskii, M. D. Emellianov, A.G. Kuznotsov. Zhur vys. nerv. deiat. 12 no 6 1001-1010 N-D 162.

#### SPACE VEHICLES

On the theory of "fugoidal" motions. IU. M. Svirezhev. Prikl, mat, i mekh 30 no. 6:1107-1111 N-D '66.

### SPACES, GENERALIZED

SPAUSS, GENERALIZED
A class of correspondences between affine spaces, V.V.
Ryzhkov. Trudy TGU 181/19-23 '65,
Green's functions of Riemann spaces, M.D. Martynenko,
Dop. AN URSR no 12 1525-1527 '66.

Quasi-non-Euclidean spaces over an algebra of real matrices. S.S. Kasymova. Izv. An Azerb. SSR. Ser. fiz. -tekh. 1 mat. nsuk no. 4;16-22 '66.

### SPAIN-POLIFICS AND GOVERNMENT

The struggle in Spain is increasing, Jesus Sais, Agitator 34 no. 3:50-52 F 167.

### SPANISH AMERICA see Latin America

Extraction of oil from the flowers of Spartium junceum L. N.L. Gurvich, Z.I. Abasova, Masl. -zhir. prom. 33 no. 1.27-29 Ja 167

### SPARKLING WINES see subdivision under Erivan

Characteristics of the biopotentials of the anterior spinal roots in postischemic spasticity, V.P. Lebedov, Fiziol. 2hur. 49 no. 3:322-329 Mr 103.

Problem of facial hemispasm. L. M. Zakharova. Trudy Turk, nauch, -issl. inst. klim., kur. i fiz. metod. lech. 8·119-125 '65.

Segmental spasm in ruptures of cerebral anaurysms, B. M. Nikiforov. Vest, rent, i rad, 11 no. 6;50-56 N-D

## SPECTROMETRY

Method of studying irregular changes in path difference in Fourier spectrometry, P.F. Parshin, Zhur, prikl, spekt, 5 no. 5:666-673 N '66,

### SPECTROPHOTOMETRY

Application of magnesium oxide in spectrophotometry, V. N. Vyshnevs'kyi, Ukr. fiz. zhur. 4 no. 5:020-633 S-O 59.

Determining hydro-optical characteristics on basis of measuring coefficients of spectral brightness of sea from attribute. I. V. Semenchenko, Okeanologita 6 no. 6:1073-1080 '66.

Results of a spectrophotometric study of the chromospheric flare of June 26, 1966, II. Izv.AN Azerb.SSR.Ser. IIz.-tekh.i mat.nauk no.4;96-103 '66.

Some conditions of spectrophotometric determination of the activity of succinic dehydrogenase and cytochrome oxidase in mitochendria of the brain. G. P. Gulidova. L.N. Sorokina. Biul. eksp. biol. i med. 63 no. 1;41-44

Spectrophotometric determination of hydroxyl numbers of exidation products of paraffin hydrocarbons, B. P. Kotel'nikov, Z. A. Prokhorova, N. T. Gerasimova, Trudy NHSZHIMSa no. 2:85-89 '61.

Specirophotometric determination of relative content of preservation occurrence determination of relative content of primary and secondary higher aliphatic alcohols in their mixture obtained by oxidation of synthine. B. P. Kotellnikov and others. Trudy NIISZHIMSa no. 2; 89-92 Spectrophotometric determination of the humas content of soil. D S. Orlov, N M. Grindel!. Pochvoyedenie no.1:112-122 Ja '67.

Spectrophotometric study of Nova Her 1963, Part I. V. T. Doroshenko, Astrofizika 2 no. 4 451-466

Spectrophotometric study of SS Cyg. R. A. Bartaia. Astrofizika 2 no. 4,467-483 D 198.

Spectrophotometric study of the interaction of corum tons with methylene blue in alkaline medium. A A. Kachan, V. A. Protsenko, Zhur, neorg, khim 12 no 1 156-158 Ja 167

Specirophotometry of the unusual solar prominence of July 2, 1958. O. A Mel'nikov, S S Zhuravicv, I A Aslanov Trudy Sham astrofiz.obser 3 40-62 164

Stability of citiate and oxelate complexes of scandium V.N.Kumok, N.A.Skorik, V.V.Serebrennikov, Trudy TGU 185-129-131 165

#### SPECTROPOLARIMETRY

Use of spectropolarimetry in studying the structure of optically active polymers based on alkyl methacrylates and itaconate. E. I. Klabunovskii and others | Izv. vys. ucheb zav, khim. I khim, tekh, 9 no, 5:823-826 '66,

### SPECTRUM, INFRARED

Effect of molecules association of rhodamine 6G compounds, containing various anions, on their infrared absorption bands. L.V. Levshin, D. A. Robi ovskina, T.D. Slavnova, Zhur, prikl, spekt. 5 no. 5;648-651 N 'GG

Infrared and microwave absorption in tonic crystals at high power level. V. M. Fain. Pist. v red. Zhur, eksper i teoret fiz. 4 no. 3,106-103 Ag 166,

Infrared spectroscopic study of the structure-forming properties of polymers. G.L. Maslenkova. Bull. nauch. -tekh. inform po agren ffz. no. 8/9.61-69 '69. Nature of interaction of water with monimorillonite surface. Part i: Study of thermal dehydration of catton-

substituted montrorillonic by means of infrared spectroscopy. IU, L Tarasevich, F. D. Ovcharenko, Ukt. khim, zhur. 32 no. II 1168-1176 *106.

Photoconductivity of silicon with Au and Zn admixtures.

K. D Hlyachuk, A. D. Denysova, N. M. Lytovchenko, Ukr. fiz zhur. II no. 12.1324-1331 D *166

Study of the structure of hydrochloric acid hydrate-solvatos in tributyl phosphates by means of inflanced spectroscopy. F. V Komarov, M. E. Obukhova, M. F. Pushlenkov, Zhur, neorg khim, 12 no 1 231-235 Ja '67.

Studying lignin by the method of infrared spectroscopy, IU, S. Pilipchuk and others. Lzv.vys ucheb.zav., les. zhan. 9 no.6:116-118 '66.

### SPECTRUM, SOLAR

Catalog of shifts, central residual intensities, and equivalent widths of selected Fraumhofer lines. O.A. Mel'nikov and others. Trudy Shem, astrofiz, obser 3:63-102 161

### SPECTRUM ANALYSIS

Koyalenko, P. N., and K. N. Bagdasarov. [Physicochemical methods of analysis; practical textbook] Fiziko-khimicheskie metody analiza, prakticheskoe rukovodstvo. 2. izd., ispr i dop. [Rostov-na-Donu] Izd-vo Rostovskogo univ., 1986, 383 p.

Spectral method for determination of isotopic composition of magnesium. A.G. Zhiglinskii, E.N. Fafurina. Zhur, pi ikl, spekt, 5 no. 5:557-561 N *66.

Spectrographic method of determining stability constants of rare carth complexes. N. A. Kost: omina and others. Teoret.ieksper.khim. 2 no.5;873-678 S-O 166.

Spectroscopic and probe study of a contracted positive discharge column. Part 2, 10, B. Golubovskii, 10, M Kagan, R. I. Llagushchenko. Opt. i spektr. 21 no. 5: 525-531 N 166.

Spectroscopic study of the behavior of anthraquinene in sulfaric acid and cleum I. I. Oycharenko, N. P. Vinog-radova. Teoret. I elsper. khim. 2 no. 5:687-690 S-O '66.

Use of a hot hollow cathede for spectral-isotopic determination of gases in motals, N.A. Zakorins, G.S. Lazeeva, A.A. Petrov, Vest. LGU 21 no. 22:38-40

### SPEECH, DISORDERS OF

Disorders of thinking and speech in schizophrenia and their pathophystological basis. K. I. Koshkareva. Tru-dy Gos. nauch. -issi, inst. psikh. 26:46-56 *61.

### SPEED INDICATORS

Small noncontact tachoscope for the actual testing of ships. E. A. Zel'din. Sudostroente 27 no.1:63-64 Ja 161.

### SPEEDOMETERS

Considering nonlinearity in the proportional-plus-integral controller of speed of diesel internal combustion engines. F. F. Saburov. Shor. trud. LHZHT no. 232:67-80 104.



spidometrov i schetchikov oborotov. Izd. ofitsial'noc. Moskva, Izd-vo Standartov, 1984, 26 p.

### SPERM WHALE

Observations on delivery of sperm whales A.S Pervusida, Zool zhur. 45 no.12:1892-1893 '56

#### SPHAGNUM

Variability of sternlike leaves in Sphagnum apiculatum II, Lindb. Z. A. Sluka, Vest. Mosk. un. Ser. 6 Biol , pochy. 21 no. 5;73-77 S-O 666.

Morphology of crystals of artificial hydrothermal sphalerite A. A. Godovikov, A. B. Ptitsyn Min sbor. 20 no 4 576-580 '66

#### SPHYGMOGRAPHY

Clinical evaluation of the readings of temporal high-speed electrosphygmogram A M. Kakhana, S. F. Bilianskit Sov. med. 29 no 10 28-31 O 166

Hydrodynamic loads on scour preventing structures in tall taces of spillway dams. G. A. IUditskii, V. M Liatkher. Trudy Gidroprockta no. 13:14-26 466.

#### SPINAL CORD

Effect of the sympathetic nervous system and adveraline on the potentials of the dorsal surface of the spinal cond.
M.A. Bagramova, Fiziol zhur. 52 no. 11 1304-1310 N '66.

Rapid and slow changes in the potentials of afferent fibers of the dorsal root and spinal cord T M. Mamonets' Firiol, zhur. [Ukr | 12 no. 6 728-737 N-D '86.

Significance of improved trophic state for the regenera-tion of associative pathways in the spinal cond. T.N. Nesmelanova, F A. Brazovskaia, E. N. Iordanskaia Fiziol, zhur 49 no. 3:314-321 Mr •63.

State of potassium and sulfhydryl groups in apinal motoneurons in frogs following reflex stimulation. T.V. Aleinikova, N.B. Taurina, B. IA. Sheigam. Biul.eksp. biol. i med 63 no.1:10-13 Ja '67.

#### SPINAL CORD-DISEASES

Clinical aspects and pathology of ischemic disorders of the spinal cord. Syndrome of swelling of a spinal autory D.K. Bogorodinskii, R.A. Razorenova, A.N. Kriyosheina Zhur, nevr i psikh. 62 no 11 1073-1675

### SPINAL CORD—INNERVATION

Contralateral effects on "spontaneous" activity of interstitini spinai cord neurons. S. A. Evdokimov. IU, N. Zubilov, V. I. Saf'iants. Doki. AN SSSR 172 no.1;225-228 Ja '67.

### SPINAL NERVES see Nerves, Spinal

SPINDLE TREE sec subdivision under Caucasus

### SPINE ... TURERCULOSIS

X-ray examination of the aorta in tuberculous apondylitis, M.M.Zagorodskafa, Vest.rent.1 1ad, H no. 6:20-23 N-D 66.

### SPINNING

Causes of periodic unevenness in spinning machines. O.IA. Berezina, E. N. Kudasova, Nauch, -issl. trudy TSNIKHBI za 1963 g. 430-437.

Effect of the parameters of the drawing process on the unevenness of the processed products. IU. M. Vinter. Nauch, -1881, trudy TSNILLV 21:105-119 '66.

Fiber movement in the real fields of friction forces of the drawing mechanisms. T. I. Berkhina. Nauch, -issl, trudy TSNILV 21:36-56 '66. Method for approximate calculation of the adjustment

of automatic evening. A.S. Molchanov. Nauch. -teal-trudy TSNIILV 22:78-88 '66. Some properties of textile alivers. IU, M. Vinter. Nauch. ~ issl. trudy TSNIILV 22:60~78 '66.

Transformation of the structure and weight irregularity of the product in the drawing process. IU. M. Vinter. Nauch, -issl. trudy TSNIII.V 21:98-106 '66.

Transverse breaking of fibers during their movement in the real fields of filetion forces of the drawing mechanisms. T. I. Berkhina. Nauch, -issl. trudy TSNRLV 21:56-75 '66.

Use of switching transistors in the drive systems of automatic evening. A.S. Molchan ov. IA. M. Robarhar IU. M. Vinter. Nauch. -issi. trudy TSNIILV 22:89-100 '66.

### SPINNING MACHINERY

Control of the drawing mechanisms under nonstationary conditions of the drawing of textile fibers. A.S. Molchanov, N.I. Kunins. Nauch. -issi, trudy TSNIII.V 21:12-24 '66.

Dynamics of the controlling channel of drawing mechan-isms during fiber deformation in the drawing process, A.S. Molchanov. Nauch. -issi trudy TSNIILV 21:21-29 '60.

Effect of the structure of the spinning cop on the condi-tions of the unwinding of the yarn. A. I. Borodin. Nauch. -issi, trudy TSNIKHBI za 1963 g. 209-239.

Optimization of the process of controlling a group of similar objects. E. I. Galynker, A. S. Molchanov. Nauch. -issl. trudy TSNIILV 21:187-193 '66.

### SPINNING MACHINERY (Continued)

- Parametric transfer functions of the drawing mechanisms, A S Molchanov Nauch -isəl trudy TSMHLV 21 30-35 '66
- Possibility of the use of optimalizing control methods for drawing mechanisms. A S Molchanov. Nauch. issl trudy I SMILLV 22,58-68 466.
- Technological testing of the beating and blending unit of the him Hunter M. IA Philoskii Nauch, issl. tindy TSNIKHBL 2a 1963 g 119-168

### SPINNING MACHINERY-VIBRATION

Vibration of the spinning centrifuges. E. P. Zharov. Izv. vys. ucheb. zav., tekh, leg. prom. no. 6:138-142 '66

#### SPINOR ANALYSIS

Spinor 3 as invariant objects, V.A. Zhelnorovich Priki mat, 1 mel h 30 no 6 1087-1097 N-D 166

### SPIRAL GEARING see Gearing, Spiral

### SPITTLE INSECTS-GENETIC RESEARCH

Variation of natural populations of Philaenus spiimarius L. (Homoptera, Cercopidae) V E Beregovoi, Genetika no Il 134-144 (66

### SPLENIC ARTERY-RADIOGRAPHY see Splenoportography

SPLENIC VEIN-RADIOGRAPHY see Splenoportography

#### SPLENOPORTOGRAPHY

Clinical significance of splenoportography in cirrhosis of the liver with intrahepatic block of hepatic circulation L A, Ender, V A Obukhov khirurgita 42 no 12 20-25 D '66,

#### SPONTANEOUS COMBUSTION see Combustion, Spontaneous

### SPORES (BOTANY)

Megasporogenesis in Hesperis steveniana DC. G. B. Rodiomova. Vest. Mosk, un. Ser. 6' Biol , porhv. 21 no. 5:68-72 S-O '66.

(see also subdivision under Sukhum)

Chumakov, P A., ed. [Sports games] Sportivnye igry. Moskva, Fizkul'tura i sport, 1966 406 p

D'lachkov, V. M. [Always young] Vechno molodye Moskva, Zhanle, 1967. 80 p. (Novoe v zhizni, nauke, tekhnike X Seriia Molodezhnaia, 5)

[Sports stars] Sportivnoe sozvezdie. Moskva, Sov Rossila, 1967 195 p

### SPORTS-ORGANIZATION AND ADMINISTRATION

Unsporting problems of sport [ Simanchuk, Oktiabri 43 no, 12 150-155 D 166,

### SPORTS-PHILOSOPHY

Body building and athleticism, K.S. Tsvetkov, Teor.i prak.fiz.kuit. 29 no 1263-66 D '66

### SPORTS-PHYSIOLOGICAL ASPECTS

Biochemical control in sports. I.K Sivkov. Teor, i prak fiz, kul't. 29 no. 12:60-62 D '66.

Development of hip joint movements in athletes. H V. Scimoev. Teor i prak fiz.kul't 29 no.12:25-26 D '66

Dynamics of body development in 15-and 16 year-old skaters, V. G Polovtsev, Teor. i prak, fiz. kul't no. 12 46-19 D 196

Dynamics of psychological functions in particularly difficult activity. P. A. Rudik. Teor. 1 prak fiz. kul't. 29 no.12 35-39 D '66

Relationship between physical qualities of an athlete and the development of musculature, 1, N, Abramovskii, Teon. i prak, fiz kul¹t, 29 no, 12:50-51 D '66 Sport our true helper, V, M Khudoleev, Teor, i prak, fiz, kul¹t, 29 no, 12:2-4 D '66.

### SPORTS MEDICINE

Guterman, V.A. [A source of vitality and health]
Istochnik bodrosti i zdorovia, Moskva, Znanie, 1967.
31 p. (Narodnyi universitet: Fakul'tet zdorovia, no.3)

## SPRATS see subdivision under Capsian Sea

## SPRAYING AND DUSTRING EQUIPMENT

Foreign models of logarithmic sprayers. Kh. Val'koviak, A. A. Zotov. Khim. v sel', khoz. 5 no. 1.72-75 Ja '67.

The OND-100 sprayer. V. Zakharov, I. Cherevatenko. Tekh v sel'khoz 21 no 12-36-37 D 61

### SPRINKLER IRRIGATION see subdivision under Caucasus, Northern; Tashkent

### SPRINTING

importance of muscle development of the posterior surface of the hip for sprinters, A. Maiskii Sbor, nauch, rab. Azovo-Cher. inst. mekh, sel'khoz. no 14.57-67

Mechanism of movement of the trunk and hands in sprinting, A. Maiskii Sbor. nauch, 1ab. Azovo-Cher. inst. mekh. sel'khoz no. 14:11-50 '58.

(see also subdivision under Kaliningrad Province)

Effect of birch on the growth and productivity of spruce in plantations A I Shavysh Izv vys ucheb.zav.; leg zhan 9 no 6.28-31 56.

Effect of low temperatures on the germination of Norway spruce seeds IU, A,Zlobin, N, P, Groshevn Izv.vys. uchcb zav, les zhur 9 no 6:13-17 '66 Effect of the density of spruce stands on their productivity, V I Kravchenko, Shor nauch -1ssl, 1ab poles, khoz no, 6:115-120 '63

For m of spruce stems as related to stand density. V. I. Borisov Lzv vys ucheb zav , les zhwr. 9 no 6.32-31

New methods for the processing of spruce gum and turpentine I 1 Bardyshov and others Gidrohz, i lesokhim prom 15 no 55-7 My 162.

Studying the field germination of pine and spruce seeds. E P Zaboi ovskii, Sbor, nauch, -issl, 1ab, po les khoz, no 6 264-277 '63,

### SPUR GEARING see Gearing, Spur

### SREDINNYY RANGE-GEOLOGY

A high planation surface in the Sredinnyy Range. S. E. Aprelkov Vop. geog. Kamch. no 4:132-133 '66

### SREDINNYY RANGE-GLACIAL EPOCH

Characteristics of Quaternary glaciation in the central part of the Sredinnyy Range, N, N Kozhemiaka Vop geog Kamch no 4 63-69 '66

### SREDINNYY RANGE—GLACIERS

Volcanoes and glaciers in the northern part of the Sredinnyy Range (Ostraya-Khuvkhoytun Massif), V.N Vinagradov, N V Ogorodov Vop geog. Kamch. no 4 70-85 '66,

#### SREDINNYY RANGE --- VOLCANOES

Volcanoes and glaciers in the northern part of the Sredinnyy Range (Osti aya-Khuvkhoytun Massif). V. N. Vinogi adov, N. V Ogorodov Vop. geog. Kamch no 4 70-45 '98

Calculating for stability of free frames. A. IA Driving. Stroi, mekh, i rasch soor, 9 no, 1,13-16 '67

Effect of creep and aging on stability of compressed rods, I E Prokopovich Strot. mekh. i rasch, soot 9 no 1 5-9 167

Studying stability of eccentrically compressed clastoplastic rods, S D I eites, A G Razdol'skii. Stroi, mekh i rasch, soor. 9 no 11-5 '67,

### STABILITY OF AUTOMOBILES

Lateral pitch of the "Moskvich-106" car. V. A. Ilarionov, V. K. Vakhlamov Avt. prom 32 no. 12 19-20 D 166.

### STABILITY OF MOTION, THEORY OF

Influence of selecting the point of measuring controlled values on stability of directed motion of an automated mining machine. L. A Shokhet, l. V. Kaplenko, Gor, elektromekh i avtom. no. 1115-119 '65,

stability of directed motion of a mining machine in various systems of automatic control L A, Shoikhet, I V, Kaplenko, Gor, elektromekh i avtom, no i 107-114 105

Stability on the final time interval in the case of one zero root and a pair of purely imaginary roots. R. M. Nasyrov. Dif. ut av. 2 no. 12 1561-1571 D 166.

Stabilization of a nonholonomic system G.S. Sheloment'ev, Prikl mat, i mckh 30 no. 6 992-990 N-D '66,

Steady-state motions and their stability. V. V. Rumiantsev. Dokl. AN SSSR 171 no. 4:823-826 D *66.

### STABILITY OF SHIPS

Problems concerning the seaworthiness of ships. V.V. Lugovskii. Sudostroenie 56 no. 12:7-9 D *66.

### STALINGRAD see Volgograd

## STALINGRAD, BATTLE OF, 1942-1943

Zel'ma, G. Stalingrad, iiul' 1942-fevral' 1943 goda. Stalingrad, July 1942-February 1943. Fotoreportazh Georgiia Zel'my. Tekst Konstantina Simonova. [n, p.] Izd-vo Agentstva pechati "Novosti" [n, d.] 1 v. (chiefly illus.) [Parallel texts in Russian and English]

STALINGRAD HYDROELECTRIC POWER STATION see Volga Hydroelectric Power Station (22d Congress of the CPSU)

### STALINO see Donetsk

STALINO PROVINCE see Donetsk Province

### STALINSK see Novokuznetsk

### STANDARDIZATION

(see also subdivision under Siberia)

Activity of technical committees of the International Standards Organization in the first half of 1966. Stand. i kach. 30 no. 11.73-76 N *66.

Delegation of English standardization specialists in the U.S.S.R. Stand, i kach. 30 no. 9n-lv S 188.

Economic grounds for reducing the number of standard steel structural elements—IA, M, Likhtarnikov, Protestroi, 44 no.12,10-12 46.

The five-year plan for the complete state standardization V.V. Trachenko, Stand, i kach 30 no. 11:1-1 N to6

In the Committee of Standarda, Measures, and Measuring Instruments at the Council of the Ministers of the U S.S.R. Stand I kach 30 no 11 39 N 466

Readers! conference in Kazan, Stand, I kach, 30 no 11:96 N 166.

Specialists for standardization acrylees, vich, Prom Bel, 10 no Pinscrt Ja 167 K M Zakhije

Standard is a base for proper operation and tends of equipment. V. G. Chernov, Stand, t kach, 30, no. 11; 18-21, N. 166.

Standardization all over the country. Stand. I kach. 30 no. 11:85 N 166

Standardization and unitication as a basis for high-apecutechnological preparation of production 11 Kuyan, IA M Meerovskii Stand (Fach 30 no 9,1 t 5 mg

Standards protect consumer interests. Stand, i kach, 30 no  $11^{\circ}76$  N  $^{\circ}166$ .

Unified state system of standard technical specifications and the quality of industrial production. If A. Panfilm., V. A. Vinogradov. Stand, i kach. 30, no. 11:1-6, N. 465

Using technical information in standardization, 7. A Vvedenskii. Stand i kach, 30 no 1150-53 N to

With a sign of the Committee of Standards, G.A., Romanov Stand, i kach 30 no 11:81-85 N ton

### STANDARDIZATION-ECONOMIC ASPECTS

Department of Economics at the Courses of Standardistion A, V, Morozov, Stand, I kach, 30 no 11 10 91 N 186

We are counting rubles and kopecks. U. I krukovaldk. Stand i kach. 30 no. 9 71-72 S 466

### STANDARDIZATION-EDUCATION

Courses of Standardization, Stand, I kach. 30 no. 11: 90 N '66

The first graduates, E. L. Kapul'skii. Stand i kach, 16 no 11/92 N '66

### STANOVOY RANGE-BASALT

Quaternary volcanism in the castern part of the Signessia Range, IU, B. Kazmin. Biul, MOIP, Old, gool. 36 Heb. 51 141-145 S-O '61.

### STANOVOY RANGE—GRANITIZATION

Granitization of rocks of granulitic factos in the Stanovoy zone, S. P. Korikovakii, Biul, MOIP, 644, geol. 36 no. 5;136-137 S-O '61,

#### STANOVOY RANGE-ROCKS, CRYSTALLINE AND METAMORPHIC

Age and genesis of metamorphic formations in the Stanovoy folded region. IU. B. Kazania. 1. P. Kazarie. vich. Biul. MOIP. Otd. geol. 36 no. 5431-115 5-6

STAPHYLOCOCCUS-CULTURES AND CULTURE MEDIA Metabolism in Escherichia coli and Staphylococcus anticos variants produced under different conditions of cultivition. IU. V. Kuliash. Mikrobiologita 35 no. 6 (1014-1017 N-D 86.

### STAPHYLOCOCCUS-PHYSIOLOGY

Significance of a short presence of Staphylococcus aureus within macrophages for its sensitivity to salt biotics V. N. Solov'ev, E. P. Pavlov, M. A. Vagina Antibiotiki 12 no. 1:51-54 Ja *67

# STARAYA KUPAVNA (MOSCOW PROVINCE)-WOOL INDUSTRY-FINANCE

Business accounting and the incentive forms in the Kupavna Fine Wool Factory. A. Konevalevn. N. Seight Sots. trud. 12 no. 1:50-59 Jo '67.

Comparative economic effectiveness of the use of star-h and of its substitutes for technical purposes 43. Khramova, Sakh, prom. 41 no. 1:51-57 Ja 167.

Study of molesses obtained by enzymatic hydrolynis of stude. T A, Sokolovskain, M, M, Istonian, G, V, Galkina. Khleb, i kond, prom. 11 no. 1:26-29 Ja '61.

## STARCH INDUSTRY-MANAGEMENT

Preparation of enterprises of the starch and molasses industry for the transition to new conditions of newpluraug and economic incentive. V. T. Kopytin. Sakh prom. 11 no. 1:57-60 Ja 167.

### STARS-DENSITY

Mass of degenerate overdense configuration, T.A. Eminzade, Trudy Shem, astrofiz, obser 3:12-25 '64

### STARS, DOUBLE

Obsarvational selection and statistics of visual binary systems. Part 1. B.I. Fesenko. Astrofizika 2 no. 4:485-496 D 166.

Subgiants in systems of colleging binary stars (colleging variable star RS CVn). S. M. Azimov. Izv. AN Azerb SSR. Ser. fiz. -mat. i tekh. nauk no. 5:61-67 '62.

#### STARS, NEW

Specia ochotometric study of Nova Ret 1963, Part 1, V T Doroshenko, Astroffsika 2 no 4 151-166 D 266.

#### STARS, VARIABLE

Spectrophotometric study of SS Cyg. R. A. Bariata, Association 2 no. 1 167-183 D 166.

#### STARVATION

Change in fish blood composition following prolonged total stra varion. L.I Smil nova. Trudy last, biol, vanta vod. no. 10 284-290 566.

Fffect of protonged starvation on chemical blood indices in licam (Abramia brama L.) V.V.Ku. mina Trudy Inst. biol. vontr vod. no. 30 118-152 466

STATE AND AGRICULTURE (see Agriculture and state

#### STATE FARMS

51ATE FARMS
(see Also subdivision under North Kazakhstan Province, Tajikishun)
Knyn, V.A. [Volunteer economists on state farms and collective farms] Osshchestvennye ekonomisty v sov-khoyakh i kolkhozakh. [Moshva] Ird. VTsSPS profizidat, 1966. 45 p. (Bibliotechka sel'skogo profsoluznogo aktivista, no.3/51)
(MII-L)

Protecting the labor of teenagers on state farms, A Pistral h. Sots zakon. no. 2:54-56. F. '67,

#### STATE FARMS-ACCOUNTING

Or gant atton of business accounting on a state farm, Labalna-skova Ekonoselikhov, 42 no.1:103-101 '67.

# STATE FARMS-FINANCE

(see also subdivision under Kazakhstan, Khov Province)

Possibilities of expanding production. S. Lambov and others. L. Rom selbhov. 12 no.160-12 461.

STATE I ARMS—MANAGEMENT (see also subdivision under Semipalatinsk Province) tote and authorized united arminologies from the Determining the optimal combination of branches in an agricultural entrop inc. A. G. IAkushev, V. N. Aidin, I kon, i mat, metod. J. no. 1,132-138. Ja-1-167.

STATE FARMS-PRODUCTION STANDARDS see subdivision aprier Karnahatka

## STATESMEN, AUSTRIAN

People and eventy Bruno Krelsky; Halle Sclassic I, No. vicin. 25 no. 929, 33 F 161.

# STATESMEN, BULGARIAN

People and events, Milko Tarabanov; Martin Niemoller, Nov viem, 25 no. 7.18, 25 F 167

# STATESMEN, BURUNDI

People and events: I lewellyn P. Thompson, Michel Micomberg Nov. view. 25 no 617, 27 b 467

# STATISMIN, YUGOSLAV

Perple and events Danilo Lekie, Nov. vrem. 25 no. 10: 20 Mt. '67.

# 5 PATE FICIANS

In the Presidium of the Supreme Soviet of the U.S.S. R. Vent, at at 100 L67 17 167

# STATE PICS

[National accounts and the statistics of national wealth and national Income shudles on balance-sheel statistics] Statistika narodnogo begatstva, narodnogo dokhoda i na-tsional'uye scheta, ocherki po balansovol statistike. Mo-skva, Nauka, 1907. 278 p.

Statistics in S. G. Strumilin's work. L. Mints. Vest stat. no 1 36 - 13 1 67.

# STATISTICS-PROBLEMS, EXERCISES, ETC.

Mereste, U., comp. [Collection of problems on statistics]
Vicandeld statistica praktikumiks, Tallina, Tallina
Polutchniline Instituat, 1965, 100 p. [In Estonian]

# STAVROPOL-CITY PLANNING

15 If the way to plan and build the city of chemiata?
N. Fridrey, Na atroi, Ros. 4 no. 9 6-9 S 463.

#### CONSTRUCTION INDUSTRY-STAVROPOL-ACCOUNTING

Organization of accounting for waste in construction. Il Shafehule, Bulbg.uchet no 12:8-8 D 166.

# STAVROPOL-CONSTRUCTION EQUIPMENT

Equipment for the assembly of large elements. C. Shov-chenker. Na strot. Res. 4 no. 3:5-6 Mr 163

# STAVROPOL TERRITORY—AGRICULTURE

The agricultural system in Stavropol Territory. A.Niko-new. 12kon.sel/khoz. 42 no.1:75-83 '67.

# E LAVROPOL TERRITORY-CATTLE-FEEDING AND

Mechanized brigades for fattening cattle on state live-stock fattening farms in Stavropol Territory. B. P. Uspenskii, Dokl.i soob, VNIESKII no. 28:38-46 '85.

# STAVROPOL TERRITORY—CRIMINAL JUSTICE, ADMINISTRATION OF

How we carry out the decree of the Supreme Soviet of the R S F S R S Mantakin Sots zakon 38 no 7 12-15 J1 161.

# STAVROPOL TERRITORY—GAS WELL DRILLING

Drilling slim holes in low production fields L. I unev. Neftianik II no 9:28-29 \$ '60

#### STAVROPOL TERRITORY—GROUND SQUIRRELS— EXTERMINATION

Achievements of the Stavropol' people Zashch. 1 ast, 12 no. 1 15 '67

STAVROPOL TERRITORY—LIBRARIES AND READERS We inform our readers on the defense of the civilian population. A Konath, V. Kalinin Bibliotekar' 44 no 2 21-22 F '67,

# STAVROPOL TERRITORY-RURAL SCHOOLS

About joint efforts, the fifth quarter, and many other things, L. Zakharova, Semila i shkola 21 no 7 26-30 J) '66,

# STAVROPOL TERRITORY—TRADE UNIONS

A violation of the trade-union democracy G Lishtovnyi Part, zhizn' no. 1-70 Γ '67.

Effect of steam on the process of pyrolysis. M. M. Pro-kopets. Neft.i gaz. prom. no.6:36-37 N-D '66.

# STEAM-TABLES, CALCULATIONS, ETC.

Simplified empirical dependences of mass exchange in steam condensation from steam-gas mivures. L. D Berman, Teptoencryetika 7 no. 874-78 Ag '60.

#### STEAM-THERMODYNAMICS

Experimental study of the condensation of metal vapors from a noncondensating gas medium in a regenerative heat exchanger-condenser M. A. Styrikovich, I. B. Godik Izv AN SSSR Energ i transp. no. 6:97-107

Thermodynamic features of steam and gas cycles. R G. Budagnan, Energomashmostroenie 12 no 11 46-48 N '66.

#### STEAM BOILERS see Boilers

STEAM BOILERS, MARINE see Boilers, Marine

#### STEAM SEPARATORS

Determining the efficiency of a centrifugal separator in a once-through boiler under actual operating conditions.

M.N. Kemel'man. Elek. sta. 33 no 3 ll-13 Mr 162

#### STEAM TURBINES

Abali kov, B.V., V.P.Bannik, and B.I. Reznikov. [Install-ing and adjusting steam-turbino units and auxiliary equip-ment] Montazh i natadka turbong regatov i vspomogatel-nogo oborudovanita. Moskva, Energiia, 1966. 319 p.

Experience with the construction of a 150 Mw block M.E. Verbitskii. Elek. sts. 33 no. 353-57 Mr 462.

Features of interchannel separation of moisture in low-pressure stages of steam turbines. I.I. Kirillov and others. Theigemashinestreenie 12 no.11,14-15 N '66,

Increasing the efficiency of K-100-90 turbines. N. / Siabor, V. P. Riabchuk. Energ. 1 elek. no. 6-18-17 Staber, V.

Organization of the work of a metallurgical laboratory in the matallation of an 809 Mw, block, A.S. Rossovskii, Energ. elek., no. 6:13-15 N-D 165. Selection of productive capacity of condensing system air pumps L. D Burman, Elek. sta. 37 no.12 30-35

Variable operation of steam-gas blocks with 1000-1500 Mw. ratings and high-prossure steam generators, V S. Dabchok, IU. V. Erigov. Energ. i clev. no. 6:48-40 N-D '66.

#### STEAM TURBINES—BLADES

Breaking of VPT-25-3 turbine blades. P. A. Paskevich, filck, stu. 37 no. 12:73-75 D 156.

STEAM TURBINES—DESIGN AND CONSTRUCTION see subdivision under Kharkov; Leningrad

# STEAM TURBINES—SAFETY APPLIANCES

Study of the KPR 600/800 lever-load safety valve. P. L. Suris. Energomashinostroenie 12 no.il-22-25 N '66.

# STEAM TURDINES—TESTING

Testing of the two-row velocity stage of the KS-1B type, IU, IA, Kachuriner. Energomashinostroenie 6 no. 9: 41-43 S '60.

# STEAM TURBINES, MARINE

Calculating the efficiency of the stage of a turbine operating on moist steam. G A Matveev, IU S Molchanov, Sudostroenie 56 no. 12:23-27 D *56.

Conditions of parallel operation of condensate pumps using conditions of parallel operation of contentate purpose various methods of level regulation in the condenser. A. M. Golovianin, S. B. Aksel¹rod. Inform.sbor. TSNIMF no. 166. Tekh. ekspl. mor. flota no. 48:28-43

#### STEAM TURBINES, MARINE-TESTING

Temperature measurements in the testing of marine steam turbines. M.A. Nakhimovskii Inform abou TSNIIMF no 166. Tekh. ekspl mor flota no 46:60-67

#### STEAMPIPES

Adjustment of steam pipes in 150 and 200 Mw blocks S. V Fallkovskii, E S. Zakharov Eler sta 33 no 3 17-20 Mr '62.

Design of a mechanically coupled prestressed pipe system, B V.Lopatin Elek sta 33 no 3 21-25 Mr 162

Permissible rate of steam temperature change in steam conduits, L G. Sobolev Teploenergetika 7 no 8 88conduits, I 89 Ag '60

Study of a welded pannel from finned pipes installed in the middle radiation part of the PK-47 botter. IA S Zholudov, A IA Antonov. Elek. sta. 37 no 12 15-18

#### STEARIC ACID

Sinergistic action of stearaics of some metals during poly(vinyl chloride) stabilization Z, V Popova, D. M IAnovskii Zhur, prikl khim 34 no. 6 1324-1329 Je

#### STEEL

(see also subdivision under Leningrad)

Materials for the elements of steam superheaters of manine boilers. N.I. Denischko Inform.sboi TSNIIMF no.166 Tekh ekspl.mor.flots no.46 51-59 '66.

Neimark, B.E., ed. [Physical properties of steels and alloys used in power engineering, a handbook] Fizi-cheskle svoistva stalel i splavov, primeniaemykh v energetike, spravochnik. Moskva, Energiia, 1967.

Supply of metal in the U.S S R L L Zusman. Stall 22 no 5:461-466 My 62

Use metal economically in pipeline construction and maintenance in U S.S.R., as a topic for discussion P.IA. Beider. Neft khoz 44 no 11 55-57 N 466.

#### STEEL BRITTLENESS

Reversible temper brittleness of steel, G.N. krukov-skala, M. P Braun Tekh, 1 org, proizv, no. 6:114-115 skala, M. N-D 66.

#### STEEL-CORROSION

Electrochemical testing of film-forming hydrocarbon-soluble corrosion inhibitors. V. F. Negreev and others, Trudy Inst. khim, AN Azerb, SSR 20:70-93 *64.

Gadzhieva, R.G., and IU. E. Siniisyna. [Protection against corrosion of a wet steel surface] Zashchita ot korrozli mokrol stal'nol poverkhnosti Baku, Azerneshr, 1985

Hydrogen corrosion of stressed metal. IU, I, Archakov. B, S, Golubovskii, V, I, B'ichev Zashch, met 3 no. l 79-84 Ja-F 167.

Some features of propargyl alcohol as inhibitor of steel corrosion in hydrochloric aeld solutions, V. A. Khitrov, V. P. Zadorozhny, Izv. vys. ucheb. zav. khim. 1 khim. tekh. 9 no.5 744-748 466.

Wetting of steel in the Bystem hydrocorbons - aqueous solutions under conditions of moving liquid V.N. Negreev, I.A.Mamedov, G.M.Abdullaeva, Trudy Inst khim, AN Azerb, SSR 20:51-64 161.

#### STEEL-ELECTROMETALLURGY

Amount and composition of Gy ash during steel smelting in basic electric furnaces V. T. Lutsenko, P. V. Umrikhin. Izv. vys. ucheb zav , chern, mct 10 no.1 69-73 167

69-73 for are earth metals on properties of liquid and solid steel. V. N Polisadov and others. Izv vys. ucheb, zav., chern, met. 10 no.1:56-68 for. Using 80-ton efectric furnaces for the making and continuous casting of 1 immed steel G M. Itskovich and others. Stat 22 no.5 120-425 My 152

#### STEEL-FATIGUE

Fatigue cracks in the lower zones of steel crane beams A A.Bat' Prom stroi. 39 no.12.54-55 [6].

# STEEL --- HARDENING

Possibility for the reptacement of elloyed steels by induction hardened carbon steels, D. A. Sveshnikov, E I Netanzon. Vest, mashinostr. 47 no 157-59 Ja '67.

#### STEEL-HEAT TREATMENT

Distortion of bushing profiles caused by thermal stresses S. B. Mikhafev Prom Bel. 10 no. 1,45-46 Ja 167

Heat treating section of the 2800 plate steel rolling mill V. I Rospasienko, V. P Kulikov Stall 22 no. 5 457-480 My '62.

Improving engineering properties of forgings by changing heat treatment conditions. I V. Paisov and others. Vest. mashinostr. 47 no.159-61 Ja '67.

Kuziav, B.A. [Heat treatment of steel; programmed manual] Termicheskala obrabotka stalei, programmirovannos uchebnos posoble [Krasnolarsk] Krasnolarskos knizhnos izd-vo, 1966. 77 p. [MICROILM]

#### STEEL-HEAT TREATMENT (Continued)

- Low allow 28032 steel for concrete rainforcement L. M. Leikin, V. N. Utkin, A. A. Roshchina Stalf 21 no. II 1020-1022 N *61
- New technology for the heat treatment of differential crosses of driving arles of the GAZ motortrucks, V F Lysenko, S D Goriachala Avt prom 33 no 1 32-34
- Properties of carbon rail steel and 40KhN steel following hardening and quenching and isothermal treatment M. V. Pridantsev, A. G. Nikonov 12v AN SSSR, Met no 197-104 Ja-F *67
- Two-position unit for heattreatment of nittided steel. V.F Davydov. Biul tekh -ekon inform Gos. nauch. - issl. inst. nauch 1 tekh inform 19 no. 12 33-34 D '66,

#### STEEL --- HYDROGEN CONTENT

Hydrogen obsorption by steel in alkali sulfide electro-lytes I, S, Shparber, A, V, Shreider, N, P Zhuk Zashrh, met 3 no.1;73-78 Ja-F '67

#### STEE L-IMPURITIES

Straight oxidation of impurities in the open-hearth fur nace bath by oxygen during the melting period. V. F. Botatenkov and others. Stall 22 no. 5 4!2-4!5 My *62

#### STEEL-INCLUSIONS

- Application of ultrasonic flaw detection to investigate the inclusion content of rimmed steel ingots, V. F. Gubar' and others, Defektoskopija 2 no. 5:35-40
- Composition of nonmetallic inclusions in aluminum-alloyed steel. V. V. Parabin, A. K. Petrov, A. V. Rechkalova, Izv. vys. ucheb. zav., chern met 10 no 145-49 '87.
- Effect of furnace slag and refractories on the contamination of steel by nonmetallic inclusions, A. M. Skrebtsov, V. A. Kostiuk Stall 22 no 5 415-417 My 162,
- Formation and removal of oxide inclusions during the tapping, pouring and crystallization of low-catbon steel V L Dorokhov and others | Izv AN SSSR, Met. no 1/31-41 Ja-F '67

#### STEEL...METALLOGRAPHY

- Changes in dislocation structure of low-carbon steel at high-speed heating H. K. L'vov, IU. N. Petrov, V V IAremchuk Ukr fiz zhur ii no 12/1338-1340 D '66.
- Formation of brittle cracks in steel during twinning. R. G. Arone, Fiz. met. i metalloved 22 no 4:617-618
- Investigating microstructural characteristics of the transition zone of two-layer steel by the methods of high-temperature metallography. A. I. Tananov. Mashi vedenie no.1:128-132 Ja-F 167 A. I. Tananov. Mashino-
- New developments in research P. S. Piekhanov, I. D. Nikulinskii, F. D. Ivanov Stail 21 no 11 1033-1034
- Rare earth metal solubility in iron, M. M. Sandomirskii, A. S. Zav[†]iaiov, Izv. AN SSSR, Met, no. 1⁻[47-149 Ja-F ¹67.
- Studying formation of Widmannstaetten structure in iron. M. A. Guzovskaia, A. P. Guliaev Izv AN SSSR, Mei, no. i II2-II5 Ja-F 167.
- Studying the hardening of low-alloy steel by vanadium nitrides. E. D. Blium and others. Fiz.met i metalloved. 22 no.6:938-941 D '66.
- Studying the microrelief of steel with a Widmannstaction structure. R. A. Leont'ev and others. Izv. AN SSSR, Met. no, 1:116-121 Ja-F '67,

### STEEL-METALLURGY

- Combined method of steelmaking, S.V. Poliak, Prom. Bel. 10 no. 2:24-25 F 167.
- Improving the technology of the decyldation and pouring of steel N N, Dobrokhotov, K. K. Prokhorenko, Stall 21 no. 11 995-998 N '61,
- Making steel in 55-ton converters with top oxygen blow. S G. Afanas'ev and others, Stal' 22 no. 5:408-412 My 182
- My Mechanism of ractal rinning during vacuum treatment in ladies of partially killed ball-bearing steel. V. I. Chukhlov and others. Izv. vys. ucheb. zav., chern. met. 10 no. 1:41-45 '67.
- New developments in research, L. L. Kunin and others, Stall 22 no. 5:418-410 My 162,
- New developments in research. P. S. Piekhanov, I. D. Nikulinskii. Stai[‡] 21 no. 11:998 N '61.
- Possibility of reducing the tendency in steel toward flake formation by means of small additions of palladium. V. 1 Arkharov and others. Izv. AN SSSR, Met. no. 1,105-III Ja-F 167.
- Pouring rimmed steel into bottle-shaped ingot molds, S. L. Levin and others, Stal¹ 21 no. 11:982-986 N ¹51, Use of correlation analysis data in a linear programming problem. L. A. Bazilevich. Ekon, i mat, metod. 3 no.1;83-87 Ja-F 167.

# STEEL-PICKLING

Effect of picking additions on "fish-scale" defect of anamel coatings. L.S. Savin and others. Zashch. met. 3 no. 1;118-118 Ja-F '67

STEEL.—TESTING Characteristics of the behavior of IKh2IN5T steel during hot rolling. A. A. Rivkin, R. G. Shin. Sbor, trud. TSNIICHM no. 44,146-155 166.

- Connection between coercive force and mechanical properties of 40KhNMA steel. M. N. Mikheev, Kokhman, V. A. Burganova, Defektoskopita 2 no. 5; 88-90 186.
- Contact strength of 34khM steel at various lubricants, S A Uklonskii, Tekh i org proizv no 6:113-114 N-D '66.
- Effect of cyclic contact stressing on certain characteris-tics of the crystal structure in Shkhl5 steel, T M Golovins'ka Dop AN URSR no.10 1284-1287 '86,
- Effect of the properties of steel on its suitability for cold heading. A. H Gladkikh, Stat' 21 no 11 1030-1032
- Gudkov, S.I. [Mechanical properties of steel at low temperature; a handbook] Mekhanicheskie svoistva stali pri nizkikh temperaturakh; spravochnik. Moskva, Metallurgiia, 1967. 266 p.
- Highly durable, G. Kui dlumov, V. Sarrak. Voen, znan, 43 no. 1/38 Ja 167
- Investigating the breakdown of soft steel caused by repeated static bending I.V. Kudriaytsev. L. A. So⊲novskii. Mashinovedenie no 1.91-97 Ja-F ¹67.
- Magnetic and electric properties of 17KhN2, 2OKhN3A, 17N3MA steels and cemented layers on their base, V. M. Morozova and others. Defektoskopiia 2 no. 5; 77-78 166.
- Magnetic check of the depth of decarburization and hardened layers on steel parts by measurement of local fields residual magnetization. G.S. Tomilov. Defektoskopija 2 no. 5:90-95 '66,

#### STEEL-THERMAL PROPERTIES

- Calculation methods of analyzing the heat conductivity various types of steel R. E. Krzhizhanovskii, Energomashinostroenie 6 no. 10:37-39 O 60.
- Effect of thermal proporties of steel on technology of heating, N, IU, Taits, V, N, Astasturov, Izv, vys, ucheb zav, chern, met. 10 no. 184-189 467.

  Technology of producing a low carbon semifinished prod-
- uct with an increased temperature. F. G Shumakov and others Stall 21 no. 11,986-991 N 161.

#### STEEL-WELDING

- Weldability of ISGS low-alloy steel. A S Astafley, V. S Navoev Stall 22 no. 5 448-452 My 162,
- Welding of a two-layer steel during assembly conditions, L S Lessel rot Energ stroi no 7 24-28 186.

#### STEEL, EFFECT OF RADIATION ON

Physical nature of steel hardening under the action of light pulses. L I. Mirkin, N F. Pilipetskii, Dokl. AN SSSR 172 no. 3*580-583 Ja *67.

# STEEL, STAINLESS-METALLURGY

- New developments in research. A A Babakov, E. N. Kareva, Stall 22 no. 5.460 My 162.
- Viscosity of titanium-containing slags and its effect on the loss of titanium during stainless steel alloying. V. A. Kamardin, G. S. Ershov Izv AN SSSR, Met. no. 1 56-61 Ja-F 167.

# STEEL, STRUCTURAL

- Efficient designs of steel bearing elements of storchouses of loose materials. M B. Solodar', Prom. stroi
- High-strength structural steel 40KhGSTF, V.G. Krechmor, I V. Paisov. Biul. tekh. -ekon. inform Gos nauch. -isslinst. nauch. i tekh. inform 19 no. 12 17-18 D 166.
- Simple apparatus for hardening reinforcement steel, Na stroi Ros. 4 no. 3:3 of cover Mr 163.

# STEEL, STRUCTURAL-CORROSION

Corrosion cracking of certain high-strength steels. I. L. Rozenfeild and others. Zashch.met. 3 no.1:43-49 Ja-F '67.

# STEEL, STRUCTURAL-INCLUSIONS

Distribution of nonmetalife inclusions in ingots of structural steel. V. S. Vvodenskii, V. A. Zelenov, K. K. Prokhorenko, Stal! 22 no.5:464-457 My 162.

### STEEL, STRUCTURAL-RELIABILITY

Estimating reliability of St. 3 brand semikitied steel. E. S Volokhvianskais and others. Vest, TSNII MPS 25 no. 8;44-48 466.

# STEEL, STRUCTURAL-TESTING

- Apropos of new state standard "Reinforcing steel; methods of testing its tensile strength (State Standard No. 12004, 1966). N. M. Mulin, S. A. Madattan, A. I. Kochetov Bet, i zhel, -bet, 12 no. 11:17-26 N -66.
- Low alloy, easily welded, OSG2DT and ISGT steel V. C. Dilakov, Z. A. Abramova Stall 2! no. 11:1023-1025 N 161

# STEEL, STRUCTURAL-VIBRATION

Vibration strength of t-beams of dead melt converter steel, E.V. Gorokhov, Prom. stroi. 44 no. 12:37-39 '66.

#### STEEL ALLOYS

increasing the cold resistance of alloyed steels for castings, IU, A, Shul'te, V, V, Lunev, A, P, Grechanyl, Tekh, i org proizy, no. 6;58-60 N-D '66,

#### STEEL ALLOYS-METALLURGY

Povolotskii, D. IA., and A. K. Petrov. [Production of steel alloys] Produvodstvo legitovatnaykh statol. Mosskva, Metallurgiia, 1967. 210 p.

#### STEEL ALLOYS-SPECTRA

Effect of diameter of red specimen on results of spectrum analysis of steels. IU. M. Buravley. Zhur, prikl, quilt, 5 no. 5:562-567 N 466.

#### STEEL ALLOYS-WELDING

Low alloy, easily welded, OSG2DT and ISG1 steet V c, Diskov, Z, A Abramova Stut 21 no. 11:1023-1025 N #61

#### STEEL CASTINGS

- Studying appearance of residual stresses in easilings, V I Samsonov, 12v, vys, ucheb, zav., cher a, met, 10 and 1 149-152 '67
- Studying possibility of reducing residual attenue in castings V. I Sambonov. 17v vys. ucheb zav., chem. met. 10 no 1468-171 '67
- STEEL INDUSTRY see subdivision under Finace; Rustavi (Georgia)
- STEEL INDUSTRY-FINANCE see subdivision under

#### STEEL INDUSTRY-MANAGEMENT (see also subdivision under Karaganda; Volgograd Province)

- Metallurgists exchange their experience in changing to the new system of management. Sets.trud. 12 no.1-156-148 Ja '67.
- Objectives in planning in the iron and steel industry, Stall 22 no 5 385-388 My '62,

#### STEEL INDUSTRY-PROBLEMS, EXERCISES, LTC.

Veseloy, N.G., and others. [Collection of problems on a course in the "Economics of the fer rous metallurgy of the U.S.S.R."] Shornik zadach po kursu "Ekonomika chernoi metallurgii SSSR." Sverdlovsk, Izd. UPI, 1865.

#### STEEL INCOTS

- Distribution of nonmetallic inclusions in ingoto of atom-tural steel V S Vvedenskii, V A Zefenov, K K Prokhorenko, Stall 22 no 5 451-457 My 164
- Selecting an efficient shape of large sheet lagots 1 It-Kuzema, Stall 22 no 5 432-439 My 102,

STEEL PIPE see Pipe, Steel

STEEL RINGS see Rings, Steel

### STEEL STRIP—CORROSION

Increasing the resistance of KhleNeT (KhleNleT) meet sheet and strip to intergranular rorrorion. N. P. / )-1-vin. I. V. Gorbatenko. Zashch. mot. 3 no.1(65-6/) 1:-

# STEEL STRIP-MAGNETIC PROPERTIES

Recovery of magnetic properties of a deformed transformer steel strip following amenting in various media IU. A. Pimenov, N. I. Lupkin, IU. M. Gertman 1 from a i metalloved 22 no. 4:629-630 O 66.

# STEELWORKS see Fron and steel plants

In situ tests of tugboats equipped with flunking judders and steering norzies. M. 3 Hovich. Roch, transp. 16, no. 7:24-27 N '01

# STEERING GEAR-HYDRAULIC DRIVE

Selecting a structure of the system of the hydraulic drive improving its operational reliability. 1 R Freidzen, I. IU. Lur'e. Suon treente 56 no. 12, 20-31 D ' 0,

# STELE (ARCHAEOLOGY)

The Heka-yeb stele in the collection of the Hernilinge N. B. Landa, Vest, drev. ist, no. 4-107-107 /05. No. 1093 stele in the Hermitage, R.S. Hogoslovskii, Vest, drev. ist. no. 1 108-115 '06,

# STEL'MAKH, MYKHAILO PANASOVYCH, 1912- ---

Porbs of the synonymous series "byty-vdaryty" in it e novels of M, Stel'makh, A. T, Bevzenko, Leksykel II leksykoge, no. 2.76-81 '60,

# STEPCHILDREN

This is so difficult. Semen Laskin. Sem'in i shketa 21 no. 7:9-10 J1 '66.

# STEPPE FLORA see subdivision under White Russia

# STEPPES

(see also subdivision under Argun' Valley; Onon Valley)

Pilatoy, P. N. [Steppes of the U.S.S.R. as a factor in the material life of society, on the relationship between nature and man] Stepi SSSR kak uslovie material net zhizni obshchesiva; k probleme - priroda i chelutek. IAroslavi' [Verkhne-Volzhskoe kaizhnoe izd-vo] 1986.

# STEREOCHEMISTRY

- I ffect of the character of substitution at 7-piper idone nitrogen on the ster cochemistry of phenyllithium synthesis, F.A. Mistrukov, N I Aronova Izv AN 555R Ser khim no I 138-143 Ja 167.
- Stereochemistry of cycle compounds Stereochemistry of homination of cis-3-methylcyclu-herene cis-1, 2-dicarboxylic acid A S Onishchenko, A. L. Shabanov, V. F. Kucherov, Izv AN SSR Sci khim no | 127-132 Ja 167
- STEREOCHEMISTRY-CONGRESSES see subdivision under Ukraine

#### STEREOTYPING

ş^kaposhnikov, S.t. [Stercolype] Stercotipila. Moskva, Kniga, 1966. 191 p.

#### STERILITY

Assembling of instruments for restorative surgery in unial sterility K. B. Akunts, S. I. TSitull'nik, E. G. Ariazhera Sov. med 29 no 11 125-128 N 166

#### STERLING AREA

Burma and the sterling area, M Milonov, Mir, ekon, i mezhdunal ota, no 1915-117 167,

#### STERLITAMAK-MACHINE-TOOL INDUSTRY-MANAGEMENT

Knaev, M.V. [Two seven-year plans in seven yearst]

Die semlickt – za semt let! Ufa, Bashkirskoe knizhnoe izd-vo, 1963. 19 p. (Maiaki promyshlennosti Bash-

#### STERNUM-SURGERY

Surgual treatment of suppuration of the sternum in longi-tedinal sternotomy. B. V. Shabalkin, L. P. Chereponin. Grud-khin 9 no.1,55-58 Ja-F '57.

#### STEROID HORMONES

- International congress on strerold hormones, N.A. Wdaev and others Probl, endok i gorm fi no 6 109-115 N-D '62
- Etracellular activity of steroid hormones M. F. Mera-2'5aski Vestsi AN BSR, Ser. bital. nav no 1:67-73

#### STEROED HORMONES-THERAPEUTIC USE

Fffect of small doses of glycocouticoids in acute indintion sickness V D. Rogorkin, V. P. Fedotov, K. S. Chertkov, Med. rad 12 no. 1:80-91 Ja 167.

#### STEROIDS

- Hidrolysis of storoid esters by Mycobacterin. K. A. Koshcheenko: G. K. Skrisbin. Mikrobiologija 35 no.6:1017-1023 N-D 166.
- Transformed steroids. Report No. 8. Mechanism of stereospecific eis-opening of oxide ring of 16a, 17a-epoxy-\$\Delta\$-pregnen-\$\Bar{\Bar{B}}-01-20-one. A. A. Akhrem and others. Izv. AN SSSR, Ser. khim. no. 1415-121 Ja. 467

#### STIMBLE OXIDE

Prengletthinic acid and its derivatives in analytical chemistry. S. H. Plihin. Farmatsev. thur. 16 no 38-43 163.

#### STOCHASTIC PROCESSES

- Applicability of the strong law of large numbers to processes stationary in a broad sonse. I.N.Verbitskaiu. Teor.veroiat.i ee prim. II no 4:715-720 '06.
- Asymptotic behavior of the probabilities of first and second kind criese in testing the hypotheses on the spectrum of a Gaussian stationally process. D. S. Apokerin. Dokt. AN SSSR 167 no. 2·263-266 Mr ¹66.
- Distribution of the moment of attaining the maximum for a process with independent increments. F.S.Shtatland. Teor.ver.oint.1 ce prim. Il no.4:720-726 '66.
- Measurement of the root-mean-square deviation of a normal random process. D. M. Sminkov, A. M. Morozov, Trudy Vych. tsentra AN Gruz, SSR 7.2:50-52 '66.
- Mirskii, G. IA. [Measurement of the characteristics of random processes] Apparaturnoe oprodelenie kharakteristik sluchainykh protsessov. Moskva, Energiia, 1987. 430 p.
- Remark on M. G Spur's paper entitled "On linear differential equations with randomly porturbed parameters."
  R. Z. Khas'minskii. Izv. AN SSSR, Ser. mat. 30 no. 6: 1311-1314 B6.
- Remarks on random processes engendered by some differential equations A.IA, Dorohovtsev, Dop. AN URSR no. 7:850-653 162,
- Searching for correlation equations during flotation processes. C. A. Ivonov. B. I. Revozashvill. Izv. vys. ucheb. zav.; gor.zhar. B no.10:143-147 '68.

- STOCK AND STOCKBREEDING (see also subdivision under Atyashevo District; Gorkly Province; Siboria, Eastern; Zoravehan Valley)
- Distribution of molasses to livestock D. Sayin, TS, Fran-kovskii, Tekh, v selikhoz 21 no. 12, 20-21 D 161.
- Eliscov, A.I., and M. Kh. Kebedov, [Renovated farms] Chnovlennye formy, Moskva, Znanie, 1967, 103 p., (Na-rodnyi universitet: Sel'skokhoziaistvennyi fakul'tet, 1)

On anniversary watch V. Novikov, Inform, bidi, VDNKIJ no. 12 23 425 D 186

# STOCK AND STOCKBREEDING-CONGRESSES

All-Union Scientific Conference on Physiological and Blochemical Bases for Increasing the Productivity of farm animals. I V Petrakhin Khim wsell khoz 5 no 1 75-77 Ja 167.

# STOCK AND STOCKBREEDING EQUIPMENT AND

[Mechanization of livestock farms; manual for machine Mechanization of livestock farme; manual for machine operators on collective and state farms | Mechanizatsila zhivotnovodcheskikh farm, posoble dila mechanikov kolkhozov i sovkhozov. [By] E. M. Bulanov i dr. [Volgogradskoe knizhnoe izd-vo, 1963. 271 p.

#### STOCK AND STOCKBREEDING—RESEARCH

In the Presidium of the Lenin All-Union Academy of Agricultural Sciences. Vest. sci'khoz nauki 11 no 12; 142-145 D '66.

# STOCK AND STOCKBREEDING—SAFETY MEASURES

Permissible voltages for livestock, A. Lukovnikov, Tekh v selikhoz 27 no.1:33-35 '67

# STOIANOV, KOSTA ANGELOV, 1904-1965

kosta Angelov Stolanov; an obituary. A. Derdzhian, Ch. Dragoichev. Khiru gita 42 no. 12 117-118 D'66

# STOLBOVOYE LAKE REGION-GEOLOGY

Structure of the depression of Lake Stolbovoye and Lake Norpich'ye, V.A Sellverstov, M.IU. Khotin, M.N. Shapiro Vop geog. Kamch no 4 107-108 466

#### STOLL, HEINRICH ALEXANDER

Enthusiasm, unselfishness, and dilettantism. F. Federov. Nov mit 42 no. 7 273-277 J1 66.

#### STOMACH-CANCER

- Clinical and anatomical characteristics of repeated onerations on the stomach, L.IA, Deineka, Khirurgits 38 no 11,30-35 N '62,
- Clinical treatment of stomach cancer. S. IU. Chaklanashvill. G. T. Galtisonia Soob AN Gruz. SSR 44 no.3:817-824 D '66.
  Combination of chronic lymphatic loukemia and adena-
- cateinoma of the stomach, V, V. Bogdanov, Probl. getnat i perel krovi 18 no. 12 47-48 D 155,
- Figuration and the state of the D '66.

#### STOMACH—DISEASES

Ratsop, Vaine. [Chronic stomach diseases] Kroonilistest machadgustest. Tallian, Valgus, 1966. 48 p. [In Estonian) (DNLM)

#### STOMACH-INTUBATION

Basic principles and unification of clinical methods of sounding the stemach P.1. Shilov, S.B. karostovisev, Sov med. 28 no. 10:133-140 O 168,

# STOMACH-RADIOGRAPHY

Metaplastic processes in the stomach and cccum in leukemia, X-ray observations, G. P. Martyshkin, Probl. gemat, i perel, krovi 12 no. 1;31-36 Ja '67.

# STOMACH-SECRETIONS

- Disorders in the gustatory analyzer and gostric secretion in the late period following traumatic lesions of the brain. Z. P. Gurevich, [Frudy]GIDUV no. 4163-174 162.
- Effect of adrenecorticotropic hormone of hypophysis on seer every stomach activity. A. N. Hakuradze. A. V. Asatiant. Soeb. AN Gruz. SSR 44 no. 2:477-181 N 66.
- Effect of labeled bromide on secretory and excretory functions of the fundal and the pyloric portions of the stomach, V.I.Kalinin. Med rad, 7 no.10 89 O 462.
- Gaetric secretory function in chronic intoxication with granceon. O. F. Ostapenko. Sov. med. 29 no. 11 70-73 N 166.
- Participation of thyroid gland in regulation of relationship between secretory activity of atomach and mammary gland in lactating animals, K. T. Tashenov, R. M. Trofimova, Trudy Inst. fiziol, AN Kazakh, SSR 10 133-147 166.
- Secretions and acidity of stomach in infectious hepatitis.

  D. D. Tayberidze- Soob. AN Gruz. SSR 44 no. 3:825-832 D '66.
- Sceretory and exerctory functions of the stomach in thyrotoxicosis before and after treatment with J¹³¹. V.G. Specivisova, A.IA. Peregudova. Probl. endok. i gorm. B no. 6:07-71 N-D '62,

#### STOMACH-SURGERY

- Changes in the peripheral blood following partial gastric teacetion, V, E, Inascridze. Soob, AN Gruz, SSR 27 no. 2;233-240 Ag 161.
- Clinical and anatomical characteristics of repeated operations on the stomach. I.IA. Deineka. Khirurgita 36 no. 11-20-35 N '62.
- Closure of the duodenal stump in resection of the stomach V.V. Ivanov. Khirurgiia 38 no. 11 121-123 N 162.

- Errors and dangers in the resection of the stomach with the inversion of the duodenum and measures for their prevention, V.G Berisov, Khirurgita 38 no 11 63-67 N 162
- Late results of resection of the stomach in peptic ulcer A I Gorbashko Sov med 29 no 10 93-96 O '66
- Resections of the stomach after suturing perforated gastroduodenal ulcers PV Zabolotikov Khirurgua 38 no 11 35-40 N 462
- Simplified technique of substituting the excised storach with a loop of the small intestine R.K Kharitonov Khirungiia 38 no 11 47-59 N '62
- Substitution of the resected stomach with a segment of the large intestine D, V. Pomosov Khii argita 33 no. il 53-58 N 162
- Substitution of the stomach with a transplant of the large intestine 1 % Rits, G.1 Veronskii Khirurgiia 38 no. 11 59-62 N *62.
- Syndronae of the afferent loop and its surgical treatment. A I Svenhukov, Soy med 30 no.1402-408 Ja 467,

#### STOMACH-TRANSPLANTATION

A case of antethoracle esophagoplasty using the stomach, N. M. Shevchenko, Khirurgiia 38 no 11 123-124 N '52

#### STOMACH-TUBERCULOSIS

Two cases of complicated tuberculosis of the slomach.
I Dauderis Probl tub 44 no.1.70-71 '66.

#### STOMACH-TUMORS

- Diurnal mitotic rhythms in sarcoma 180, lymphosarcoma and carcinoma of forestomach in mice following changes in lighting regimen. S. M. Kolomina. Vest. Mosk. un. Sci. 6: Biol., pochv. 21 no. 5:ll-17 S-O 166.
- llematological masks of gastrie neoplasms. G. I. Glezer. Sov med. 30 no. 1 121-125 Ja 167.

#### STOMACH-ULCERS

Effect of the therapeutic factors of the Borshomi health resort on ulcer patients with gastric resections. F.V. Inssaridze Soob, AN Gruz, 58R 26 no. 6:763-769 Je *61.

### STONE see subdivision under Armenia

STONE, CRUSHED see subdivision under Volga Hydroelectric Power Station (22d Congress of the CPSU

CNE. AGE
(goe also subdivision under Abkhazia; Crimea;
Czechoslovakla; Dnioper Valley; Dniester Valley;
East European Plain, Europe, Eastern; Klyaz'na
Valley, Ossotla; Poland, Polesye, Siberla; Vladimir
region; Volga Valley)

- Following the traces of the Paleolithic and buried soils across the Dniester into Czechoslovskia. A. I. Moskvitin Trudy Kom chety, per. 18 160-171 '61,
- Geological age of archeological mountainents dated according to paleobotonical materials V P. Grichuk. Trudy Kom chety per 18 116-156 '61,
- Principles for the construction of a periodization scheme of the Paleolithic V I.Gremov. Trudy Kom. chetv.per 18 7-21 *61
- Statement, A A Velichko, Trudy Kom. chetv. per. 16: 215-216 vol.
- Statement. A.D. Kolbutov. Trudy Kom. chetv. per. 18:
- Statement A.N Rogachev, Trudy Kom, chetv, per. 18-181-167 '61, Statement, E.A. Vangengeim, Trudy Kom. chetv.per.
- 18-228-231 61 Statement, G.I. Goretskii, Trudy Kom, cheiv, per 18:
- Statement, I.G. Shovkoplies. Trudy Kom, chety, per. 18-196-197 '61,
- Statement, i.K. Ivanova, Trudy Kom. chetv. per, 18-234-236 (6)
- Statement, K.K. Zhebera, Trudy Kom, chetv. por. 18;
- Statement, L. L. Savitskii Trudy Kom. chetv. per. 18:
- Statement, N. I. Kriger. Trudy Kom, chetv.per, 18:189-
- Statement, N.K. Vereshchagin, Trudy Kom, chetv. per. 18:227-226 61 Statement, O.N. Bader. Trudy Kom. chetv.per. 18: 253-256 '61.
- Siatement, P. I. Boriskovskii. Trudy Kom. chetv. per. 18:167-169 '61.
- Statement. V.I.Gromov. Trudy Kom. cheiv. per. 18; 241-246 '61.
- Statement, V. L. IAkhimovich, Trudy Kom, chetv, per. 18 213-215 161.
- Statement, V. P. Grichuk. Trudy Kom, chety, per. 18; 231-232 161,
- Statement. V.V. Cherdynisev. Trudy Kom, cheiv. per. 16:236-240 61.

#### STONE AGE (Continued)

Statement V V. Popov Trudy Kom, chety per 18:198-199 161

Use of terrestrial vortebrate remains for the periodication of the Palcolithic N. K. Vereshchagin Trudy Fom their per 18 157-159 '61

#### STONE BUILDING see Building, Stone

# STONE CUTTING-EQUIPMENT AND SUPPLIES

Raising efficiency of stone cutting machinery M. G. Lei-Fin, 1U. V. Opengerm. Mekh stroi. 23 no 12:18-19

# STOPING (MINING)

(see also subdivision under Tyrnyauz region, Kabardino-Balkar A.S.S.R.)

Review of the book by N.P. Sudoplatov and others "Mining coal deposits with short stopes "A.E. Petrosian, and others. Ugol' 37 no 12 57 D 162

#### STOPING (MINING)-COSTS

Deconomic basis of load value in stopes equipped with povered supports in mining flat seams MD Raitsyn Mash. 1 obor, dira mekh 1 avtomatiz, trud prots v ugo! ptom no 2 69-74 165

STOPING (MINING)-EQUIPMENT AND SUPPLIES see subdivision under Moscow Basin

#### STOPING (MINING)-LABOR PRODUCTIVITY

Readers' response to the article by IU. F. Savenko and I V Liashenko "Defining the criteria for the rate of stoping operations", "Ugol' Ukrainny," 1961, no 4 Ugol' Ukr 5 no 12 39-42 D '62.

#### STOPING (MINING)-MECHANIZATION

Determining the performance of "Tula" powered stoping completes taking into account basic mining geology factors, P. E. Moiseev, Shor, nauch trud, PNIUI no. 10:

#### STOPING (MINING)-SAFETY MEASURES

Gosudarstvennyi makeevskii nauchno-issledovatel'skii Institut po bezopasnosti rabot v gornol promyshlennosti. [Guide to the use of sprinkling during coal stoping opera-tions] Rukovodstvo po primeneniju oroshenija pri vyemke uglia v ochistnykh zabolakh. Moskva, Nedra, 1936.

# STOPPING POWER (NUCLEAR PHYSICS)

Grigor'ey, I.S., and V. M. Novikov. [Neutron diffusion in heterogeneous media] Diffuzila nettronov v geterogen-nykh saedakh. Moskva, Atomizdat, 1956. 174 p.

#### STORAGE BATTERIES

Centralized charging of storage batteries, A Krivo-sheev, G. Kuznetsov. Tekh v selikhoz 26 no. 12 59-62 D 166

Effect of charge conditions and density of electrolyte on the life of storage batteries V, A, Koshevol, Elek, i tepl tings 10 no.11;22-23 N '66

Intensifying the process of filling up alkali storage cell electrodes with active mass, M.F.Skalozubov, F.I. Kukoz, V.I.Matsokin Zhur, prikl khim 31 no. 6 1275-1260 Je 161

Operational reliability of the storage batteries of a.c. trains, T I. Makiakov Elek, t tept tinga 10 no. 11 30 N '56

Plant testing of special petroleum bitumen in production of storage battery tanks, Sh.Sh.Spektor, L.G. Zekharen-ko, T.A. Meliklants, Nefteper, i neftekhim no. 3:21-24 165

Regeneration of the electrolyte of alkaline storage bat-teries in locomotive repair shops. V V. Tazin. Elek teries in locomotive repair shops, i topl traga 10 no 12:28-20 D '66.

"INA," set of tools for assembly of storage batteries, Prom. strol. i inzh. soor. 8 no. 6:33 N-D '66.

Storage battery charging device using germanium recti-fiers V. Gavriushin Tekn v sel'khoz 21 no 12:38-

Welding of storage battery plates P. A Gorshkov. Avtom., telem i sviazi 10 no 11:35 N 166.

### STORES, RETAIL-MANAGEMENT

Mordasova, L.A., and A.G. Novitskii. [Labor organization and the establishment of work norms in a store] organizatsila i normirovanie truda v magazine. Moskva, Ekonomika, 1966–87 p.

### STOROZH VALLEY-LARCH

Larch in the Storozh Valley, A.G. Ostroumov, Vop. geog Kamch, no. 4.139 '66,

STORMS see subdivision under Azerbaijan, Lazarev region, Antarctica

#### STOVE, GAS

Modernization of ring burners of the domestic gas stove. V.S Bellunova, L.I. Druskin, I.G. Chernysheva, Gor. khoz. Mosk. 35 no. 12.31 D '81

# STOVES, GAS—STANDARDS

Russia (U. S. S. R.) Gosudarstvennyi komitet standartov, mer I izmeritel'nyih prihorov. [Domestic gas stoves] Pilty bytovye gazovye. GOST 10798-64. Izd. ofitsial'noo. Moskva [Izd-yo Sandartov] 1984. 22 p. SSSR, Gosudarstvennyi standart)

#### STRAIGHTENING MACHINES

Kvarteako, A.S. [Straightening and culting machines for machining reinforcement sitel tods, a burvey] Pravil'no-otreznye stanki diia obrabotki sterzhnet armaturnoi stali, obzor. Moskva, Nilinformateli stroidorkom-munmash, 1965-56 p. (Serlia 2 Oborudovanie dia promyshlemosti stroitel'nykh materialov)

#### STRAIN GAUGES

Strain measurement of large parts at high temperatures, E A Altamentova, A A Zenkovich, L S Kuznetsova Proch.i din.av dvig no 3 109-113 *166,

#### STRAINS AND STRESSES

Analytic study of the foundations of mine supports. V. M. Budnik. Spor. nauch. tiud. PNIUI no. 16-112-121 '66.

Calculating compressed and bent rods made from aluminum alloys, B G Barbanov Stroi mekh i rasch, soot 9 no 19-13 '67,

Calculating flat suspended trusses B V Gorcushtein, Stroi, mekh i rasch soor. 9 no 144-18 167

Calculating rectangular tesetvoirs K. L. Smov. Strot mekh i rasch soor 9 no.125-27 167

Calculating resistance to cracking of the lower boom and bearing joints of reinforced concrete trusses with strand reinforcement, - M. Islachenko. Prom. strai, i inzh soor 8 no. 6:27-29 N-D '66.

Calculating stresses and displacements caused in Lemforced concrete structures by operational loads 1 Rozenbliumas Bet i zhel, -het, 12 no. 11 32-36 N

Change in properties of high-strength steel wire under continuous reinforcement, B. L. Skilar Bet i zhel -bet 12 no 11 28-31 N '66.

Coefficients of lateral stress of sandy soils. M. N. Golub-tsova. Sbor. Nilosn. no 56:177-183 '66.

Concentration of strains and streeges under conditions of short-time breakdown at high temperatures. R A Dullney. Proch i din ay.dvig. no.3 331-346 466,

Decreasing dynamic loading from screens with the help of relieving beams, M. Svinkin, Prom. strof. i inch. soor, 8 no. 6,11-12 N-D '66

Determining bearing capacity of over-reinforced remfor ced concrete beams. Ochonchenko, Prom. etroi. i inzh. soor. 8 no. 26-27 N-D '65.

Determining stresses in upsetting a thick strip with cyternal zones in conditions of the ce-dimensional forming. V. V. Erikintsev, I fa Faransylli, V, L. Kolmogorov, Izv, vvs, ucheb. zav., chera met. 10 no 182-97 167

Determining the angle of neutral section from projection diagrams of contact stresses during rolling. V G. Grosval'd Shor, trud TSNHCHM no. 14:57-73 '66,

Determining the dynamic stress (T) - strain (E) relation at loading when the T(e) curve has an inflection point K A.Kerimov IIv AN Azerb SSR Ser fiz, -mat, i tekh nauk no. 5 3-7 '62

Distribution of normal stresses on contact surfaces during upsetting of thin bodies P. F. Ivanushkin, V. I. Doroshko Izv. vys. ucheb. zav., chein met. 10 no. 1: 08-103 '67,

Distribution of stresses and displacements in clustic layer with free surface resting on rigid foundation bed during internal action of point loads. O. IA, Shekhler, O. D. Prikhodchenko. Sher Nilosn. no 56:12-35 '66.

Dokukin, A.V., and IU.D. Krasnikov. [Experimental study of loads on mining machine actuators, methods] Eksperimental noe issledovante magruzok na ispoinitel nom organe gornykh mashin, metodika. Moskva, In-t gornogo dela im. A.A. Skochinskogo, 1960. 9 p.

Dynamic loads in the shafting of cutter-loaders during an emergency braking of actuating mechanisms. V. S. Glushchenko, L. M Shepteva. Mash i obor, dija mekh i avtomatiz, trud, prots, v ugof*, prom. no, 2 234-258 *65

Dynamic stress concentration around a square hole at steady wave motions. V. D.Kubenko. Prikl. mekh. 2 no. 12:67-75 '85.

Effect of mechanical stress on the softening temperature of feamed materials. P. I Seliverstov, IU, N. Poliakov. Plast, massy no. I.47-49 167.

Effect of multiple repeated loading on reinforced concrete structures, T. S. Karanfifov, IU,S. Volkov. Trudy Gidroprockta no. 13:110-110 '60

Effect of the inhomogeneity of the solid phase on the resistance of concrete to cracking under stress V. C. Pashkovskii, N V. Mikhaltov, P. A. Rebinder, Dokl. AN SSSR 171 no. 4,840-843 D 166.

Endurance and deformativity of concrete under multiple repeated loading, T. S. Karanfilov, IU, S. Volkov, Tru-dy Gidroprockta no. 13:150-171 166.

Experimental determination of axial strength acting o shafts of electric centrifugal pump. N. F. Ivanobskii. Mash, i neft, obor. no. 11:11-15 '66.

Generalized theory of couple-stresses in clasticity theory, V. A. Lomakin, Vest, Mosk, un, Ser. 1 Mat., mekh. 22 no.1,82-88 Ja-F '67,

Grishin, M.M., ed. [Methods of calculating stability and strength of hydraulic structures; reinforced-concrete structures on nonrock bases] Metody rascheta ustofchivosti i prochnosti gldrotekinicheskikh sooruzhonii; zhelezobetoraye sooruzhentia na neskal'nykh osnovani-iakh. Izd. 2. [By] V. P. Likhachev i dr. Moskva, Strolizdat, 1966. 438 p.

Hydrodynamic loads on scout preventing structure at, tail races of spillway dams G. A. Hidushii, W. 12 Lintkher, Trudy Gidroprockta no. 13 11-20, 466

Investigating the stressed state of a closed frame construction taking into consideration the clastic properties of soil, I I Gribanay Trady (IIII) the no 15,30-40 '60

Investigation of internal stresses arising in the formal of internal activity cellulose filture on glorin sarper [with nummary in Linglish]. S.A. Shreiner, P.L. att. A.S. Arvan, Koll. zhar. 23, no. 1334-344, My 5, 22, 23

I cade acting upon MK cutter-loaders during to the care commended coal blocks. T. M. Pap Pova. Math. Lot. r. dlia mekh, r. avtom (ti., trud, prota v. ugol * prota ...) 212-233 165.

Parity of the components of the stream vector for the 1 in the theory of plasticity V.I. Malyi Vent. Med , Ser I, Mat., mekh. 21 no 6:00-04 N-D 10b

Purpose of calculated endurance rentstances for a rui pose of Carmarea commune temperature in 11 1 temperement from St. 5 effect, A. G. Sverchke, dy Gidroprockta no. i3/20/134 166
Relationship between deformations and attenues leave

composite material having a strictly single solution of structure and resisting differently to tenden and compression. A.S. Sogolan, Izv. AN Arm 554 (c), tekh niuk 19 no. 6;3-10 568.

Secondary stresses during structural transferm (trans. S.D. Volkov, A. A. Volmbledin, M. L. Kombani (r. 1. 1 met.) met.) met.) 1 met.) met.

Service of flexible sheet-pile walls in Hmiting state
V.V. Renguch. Transpost of 16 no 2 Mar 1 5 a

Some corrections to methodology of calculation and the transstress on through structures in deep sen. A.D Mrai. ... lian Neft, khoz. 14 no. ll 15-19 N *56.

Stresses and displacements from horizontal leading of made with adjoining right of the lead of the lea sides of plane quach and with adjoining rigid wall Shekhter Shor Niloun, no 56:4-11 66.

Stresses in notched clustic half-space. Zh.P.Rol., Soob. AN Chuz. SSR 44 no.3;549-556 D 166.

Studying streamen and strains in pile foundation to the panel apartment boune. Z. V. Babichev. O H., 100.1 i mekh grun 8 no.5:11-13 '66.

Studying work of reinforced concrete bearing with dig 1111 ilai reinforcement under dynamic fonding. († 4) sovskii, Trudy Gidroprockta no. 13:717-717-416.

Testing piles for slipping M.I. Gorbanov-Pounder, 1 4 Sivtsova Sbor Nilesn, no.56;46-41 168

Theory of mechanical properties of alkali and all diearth metals. V.A. Zhdanov, V.F. Konmaov. 177., aucheb.zav., fiz. 9 no.6:93-100 [86].

Universal equipment for determining the bearing on a veof rocks with the help of flat and spherical dien, A : Degliarcy, S.N Prusov, Ugol! 31 no 1/1/9 11 p : c :

Use of the regularization method in the calculation of arch dams. V. A. Morozov, V. F. Ivanish lov. V. 4, met. i prog. 5:171-186 [66].

Transverse impact against a flexible morning of 11/2 tursunov. Vest Moskium Seril: Mat., meki. 21/1/2 104-107 N-D '66.

# STRAINS AND STRESSES-MODELS

Measuring streamed in models made of equivalent materials. V. L. Popov, A. Sh. Katsnellner. Char, nauch, trud. PMUI no. 10,182-181 '96. Studying streames a cound mine workings as a three dimensional problem. S. G. Borrinenko, G. V. V. u. bresian. L. V. vys. ucheb. Jav., gor. Jhur. 8 no. 9-31 '9-165.

# STRAKHOV, NIKOLAI MIKHAILOVICII, 1900-

New achievements of the Soviet lithology; awai dirg of the Lenin Prize for 1800 to Academician N. M. St. ski for his book "Principles of the theory of lithogen and G. I. Bushinskii. Biul. MOIP, Qtd, gcol. 36 am 5111) 124 S-O '61.

# STRANGE PARTICLES

Electromagnetic processes and integral charge of q. . . . A. A. Komar. L. M.Slad. Pist. v red. Zhan . el nja i. . i teoret. fiz. 5 no.2:67-70 Ja 167.

Note on mass formulae in unitary symmetry them, V. Kadyshevskii. Dokl. AN SSSR 172 no.1:73-75 J. 't i

Rejecting SU(3) symmetry in strong interaction, 15.1., Zol'dovich, Ple', v red, Zhur, eksper, i teoret, is, 4 no. 9:381-384 N '66.

Renormalization in quantum field theory model with thes degrees of freedom. V. B. Gostev. Vest. Medk an Ser. 3: Fiz., astron. 21 no. 6/10-56 N-1) '60 Using algebra of currents for computation of radiaties

corrections in β-decay constant in theory of interior in the boson. B. L. loffe, Pis', v red. Zhur, ekspet. i teoret, fiz. 4 no. 9:376-378 N 166. Weak interaction scheme with two bosons. V.I. Kusting Vest, Mosk, un. Ser. 3; Fiz., astron. 21 no. 6;9-14 76

# STRANGE PARTICLES—SCATTERING

STRANGE PARTICLES—SCATTERING [Dispersion sum rules in the theory of strong interaction] Dispersionnye-pravila summ v teorii sil'nykh vyaliperdeistvii. [By] V.A. Matveev i dr. Dubra, 1667. 77 p. Zaslavskii, A.N., and V. Tybor. [Moson - karyon statering and the SU(8) group] Mezon-barionnoc rassetaris i SU(8). Dubra, 1967. 17 p.

STRATIGRAPHIC GEOLOGY see Geology, Stratigraphic

STRATIGRAPHIC PALFONTOLOGY see Palcontology, Stratigraphic

op for the fermentation of feeds, A. Krivonozhenkov, I. Dinchkov Fekh, v selikhoz. 27 no 126-27 107.

#### STRAWBERRIES-GENETIC RESEARCH

Problems of comparative plant genetics | Report No. 1 Potential of genetic species variability as a compiffed by Fragaria species, T. 5 Fadeeva | Genetika no 12 36-15 (86.

#### STRAWBERRIES-VARIETIES see subdivision under Gorkiy Province

#### STREAM CROSSING, MILITARY

Antorne landing at a stream crossing. (A Samoticako, A 18yganak, Voen vest. 41 no. 6:19-11 Je '6|
Creative work is the basis of success. M. Viascako, Voen, vest. 41 no. 6:04-05 Je '61.

Stream crossing company supports the forcing of a river, S Tipenko, Voen, vest, H no 6:90-93 le [6]

#### STREAM MEASUREMENTS see subdivision under Amu Darya

# STREET CLEANING-EQUIPMENT AND SUPPLIES

Addonin, I.I., and G.B.Klor. [Pickup altachments for sweeper cleaning machinery] Podbornyc ustroistva podmetal no-oboroclnykh mashin. Moskva, Nilinformatell sit oldorkommunmash, 1965. 20 p. (Serila 3 Mashiny 1 oborudovanio dita kommunal nogo khozluistva)

#### STREET LIGHTING-STANDARDS

Hussia (U. S. S. R.) Komitet standartov, mer i izmeritetnykh pulisorov. [Light fixtures with incandescent lamps
and high-prossure moreury lamps for lighting streets,
rods, and squares; general technical requirements]
Sectif-nikt s lampami nakalivantia i dugovnymi i tutnymi
lampami (DRL) dila osveshchenita ulits, derog i plosbehadet, obshche tekhnicheskie trebovantia. GOST
8045-63. Izd. offitsial'nov. Moskva, I/d-vo Standartov,
1966. 15 p. (SSSR, Gosudarsivennye standarty)

#### STREET RAILWAYS-DESIGN AND CONSTRUCTION-SAFETY MEASURES

Afanas'ev, A.S. (Safety manual for an erector of over-heal contact and cable systems for streetcars and trolloybuses) Pamiatka po tekindke bozopasnesti mon-teru kontaktnol i kabel'nol setei tramvata i trellelbusa, Moskya, Strolizdat, 1968, 61 p. (Tekintka bezopas-nesti v kommunal'nom khoziaistvo)

#### STREET RAILWAYS-ELECTRIC EQUIPMENT

Improvements in the design of the contact circuit of electric attreetenra and buses M.G. Tregulenko, V.F. Arkhipov, V.A. Antonov Gorkhoz Mosk. 35 no 12 22-24 11 461

# STRENGTH OF MATERIALS

Some problems of adaptibility of elastoplastic bodies, B. I. Liubarov, Stroi, mekh, i raseb soor. 9 no. 1;31-34 '07.

Strain hardening effect in combined materials, V P. Gult and others. Dokl. AN SSSR 172 no. 3.637-640

[Ways of increasing durability and life of building ma-terials and structural elements] Puti povyshenita stotkosti i delgovechnosti stroitel'nykh materialov i Fonstruktsii. [Rostov-na-Donu] izd-vo Rostovskogo univ , 1968 220 p.

# STRENGTH OF MATERIALS-PROBLEMS, EXERCISES,

Gor kovskil politekinicheskil institut. Kafedia soproli-vientia materiatov Standard problems for tests and examinations on the courses of the strength of materials, theory of ofasileity and mechanical engineering Tipo-vye radachi k zacholani i ekzamonam po ku sam sopro-tivlenita materialov, teorii uprugosti i stu siloi'noi mekhanike mashin. Gor'kii, 1964. 18 p. [MICROFILM]

# STREPTOCOCCUS-CULTURES AND CULTURE MEDIA Activation of diacetyl production by 5treptococcus diaceti-lactics. A. G. Grinevich. Mikrobiologiia 35 no.6;6988-1003 N-D 166.

#### STREPTOMYCIN

Characteristics of the clinical course of tubercular resulting its treated with streptomycin. R. M. Posinyskii. Tandy Turk, much, -issl, inst, klim, km, I fiz, metod, tech. 0:126-133 '65.

Hiteel of streptomycln on wheat seedlings, S.A Aivarian, V.O Babaian, A.G. Abramian, Biol. zhur. Arm. 19 nc. 10-28-33 O 168.

Investigation of positions activity in mycelial waste from the production of penicillin and su optomycin. O IA Hashba, O.M. Zaichenko, Mikrobiol. Juur. 24 no. 5 25-27 *62.

# STREPTOMYCIN—SIDE EFFECTS

Study of the functional state of the thyroid gland following prolonged introduction of streptomycin and penteillin. M. A. Khasium, A. M. Kharitonova. Antiblotiki 12 no. 1.39-44 Ja '67.

#### STRESS (PHYSIOLOGY)

Reaction of the thyroid gland of hypophysectomized rats to stress IU.B.Skebel'skala, E.R.Bagra lan Problemdok i gorm 8 no 6 27-30 N-D 162

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Concerning the book by V.S. Nikitin and M.M. Chesnokov "Efforts to control dust and gas in strip mine workings" N.Z. Bitkolov Ugol' 37 no. 12 59 D '62.

Smooth blasting in open-pit mining. S. A. Davidov, N. A. Palivoda. Vziyv.delo no 81/81/11-21 186.

#### STRIP MINING-COSTS

(see also subdivision under Krivoy Rog Basin)

Selecting an economically advantageous variant of deposit stripping in open-pit mining. A. T Shelest and others. lzv, vys ucheb. zav., gor. zhut 8 no. 9.18-22 *85

#### STRIP MINING-EQUIPMENT AND SUPPLIES (see also subdivision under Krivoy Rog Basin)

Regulating the strength of explosives directly on the spot of biasting operations in open-pit mines. V.D Mitin, Vz1yy delo no.60/17 257-265 '66,

#### STRIP MINING-MANAGEMENT

Averaging iron ores in Lebedi deposit strip mines of the kui sk Magnetic Anomaly. V. N. Zarotskii i IU. S. Shehe-kii Izv. vys. uchob. zav.; gor. zhur. 10 no. 1:55-58 '87.

Open-pit mining of deposits by stages V.S. Khokhriakov Izv.vys ucheb zav , gor.zhu 8 no.10 10-26 '55

# STRIP MINING—SAFETY MEASURES

(see also subdivision under Krivoy Rog Basin) Increase electrical safety in open-pit mining. L. V. Gladilin, B. G. Men'shov, M. I. Barash Bezop, truda v prom. Il no.1-10-11 Jn 167

Pattenov, V.M. [Safety manual for a driller (in open-pit minling)] Pamilatka po tekhnike bezopasnosti dila buril'shchika (na otkrytykh rabotakh). Izd. 2. Moskva, Stroitzdat, 1966. 20 p. (Tekhnika bezopasnosti v stroitzdat tel'stye)

Protection of open-pit mine electric networks against contact to ground. I. E. Vastl'ev. V. I. Shemiskii. Bezop truda v prom. II no 1:10-11 Ja | 67

#### STRONGYLODIASIS see subdivision under Tomsk

#### STRONTIUM

(see also subdivision under Tajikistan, Yakutia) Linit storage factors for strontium 90 in brown algae, L. II Kutchakina, Dop. AN URSR no. 10-1318-1320 '66,

Passage of strontium-90 in the milk and skeleton of

Cows absorbed with various feeds. N. A Korneev, A N. Sirotkin, N. I. Burov. Dokl. Akad. sel'khoz. nauk no. 9 77-39 5 166.

### STRONTIUM ISOTOPES

Calculation of  $Sr^{90}$  doses, V M, Malykhin, Med, rad, ii no 12 20-24 D  $^{1}65$ ,

#### STRONTIUM ISOTOPES-PHYSIOLOGICAL EFFECT

Morphological changes in the ovaries under the influence of  ${\rm Sr}^{90}$  and the disturbance of the reproductive capacity of female white rats  ${\rm T,V,Vorozhoikina}$  Radioblologita 2 no. 4:601-606 182

### STROPHANTHIN-PHYSIOLOGICAL EFFECT

Experimental study of the effect of strophanthin on the normal heart depending on different velocity of its introduction into blood. G. P. Khlopotova. Trudy LPMI 37:181-186 '65.

# STRUCTURAL ALUMINUM see Aluminum, Structural

#### STRUCTURAL DESIGN

Logatto, A.E. [Calculating the sections and designing ordinary and prestressed reinforced concrete structural elements] Ruschet sechenii i konstruirovanie elementov obychnykh i predvaritel ne napriazhennykh zhelezobetonnykh konstruktsii. Izd. 2., peror. 1 dop. Kiev, Budi-vol'nyk, 1966. 339 p.

# STRUCTURAL FRAMES

Calculating for stability of free frames. A. IA. Driving. Stroi, mekh, i 108ch, 800r. 9 no. 113-16 167. Calculating for stability of free frames.

Continuous production of space structures M. Odinov. Na stroi, Ros 5 no. 3:16-17 Mr 164

Investigating the stressed state of a closed frame construction taking into consideration the clastic properties of soil, I.I.Gribanov. Trudy THIMSKH

Metal rod space structures for industrial buildings Prom. stroi, i inzh, soor. 8 no. 8:30-31 N-D

[Space roof structures; a collection of scientific works]
Prostransivennye konstruktski pokrylii; sbornik naucknykh rabot. Leningrad, Strolizdat 1966, 97 p.

# STRUCTURAL FRAMES-ELECTROMECHANICAL

Electromechanical analogies of plans frames of arbitrary configuration IE O Prostum Dop, AN URSR no 12 1537-1540 '66,

STRUCTURAL GEOLOGY see Geology, Structural

STRUCTURAL STEEL see Steel, Structural

# STRUCTURES, THEORY OF

Dual problems of direct and verifying calculation of elasto-plastic homes. A.A Chinas. Stroi. Farkhit. U2b. 7 no.12:41-43 D '66.

Modification of the method of similitude iteration for a system of integral equations in problems of the theory of structures V N.kudrina. Proch.i din av dvig no 3 185-187 '66

Nikircev, V.M., and V.L.Shadurskii. [Practical methods of calculating shelfs] Praktichoskie metody rascheta obolochek. Moskva, Strolizdat, 1966 269 p.

Snitko, N.K. [Structural mechanics] Stroitel nala mekha-nika. Moskva, Vysshala shkola, 1966, 535 p.

# STRUMILIN, STANISLAY GUSTAVOVICH, 1877-

Head of Soviet economic science Vop.ekon. no 1-141-

On Academician S. G. Strumilin's 90th birthday. Vest stat no 1 35-36 167.

Revolutionary and great scholar; on S G, Strumilin's 90th birthday. Mir. ekon, i mezhdunar etn ne. 1:70-71 167.

Statistics in S. G. Stromilin's work L. Mints. Vest, stat. no. I+36-43 167

# STRUVE, VASILII VASIL'EVICH, 1889-1965

Academician V. V. Struvejan i obituary. Palest. sbor. no. 15 ;3-4 '66.

#### STRYY REGION (UKRAINE)-WOODWORKING MACHINERY

Efficiency promoter proposals at the Stryy Industrial Corporation of Local Woodworking Enterprise, L. R. Diskon, Lis. hosp., his pap. 1 der. prom. no. 1/31 Corpo. Diakon, L

#### STUDENT ACTIVITIES

(see also subdivision under Europe, Eastern, Kharkey, Krasnedar Territory)

Development of the students' abilities in after class structural design groups. 1, P. Eydokimenko, Shkola I proizv. 10 no. 10:60-64 O '66.

Educational value of holidays, evening gatherings, and the assemblies of all school grades, S.A. Dem'ianchuk, Shkola i proizv. 10 no.10,27-40 O '66,

Good initiative and useful work, Nar, obr. no. 2:10, 15, 17, 18 F '67.

A mathematics study group in school. V. G. Pankratova, A. E. Shiniaeva, Nach shkola 35 no, 2-28-33 F 167.

STUDENT-TEACHER RELATIONSHIPS see Teacherstudent relationships

# STUDENTS-POLITICAL ACTIVITY

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# STUDENTS' SOCIETIES

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Unchartered Komsomol organizations. K. P. Samoilov, Vech. sred. shkola 0 no. 5:13-18 S-O *68.

# STUDY, METHOD OF

Learned or understood? K. Bardin, Sem'ia i shkola 22 no.1,17-19 Ja '67.

Organization of independent work. M. A. Sazonova, Vech. sied, shkola 9 no. 5:42-45 S-O '66.

STURGEON BREEDING see subdivision under Azerbaijan

STURGEONS see subdivision under Caspian Sea; Kuybyshev Reservoir

STYLOLITES see subdivision under Dalester Valley

Effect of pH of the medium on the course of catalytic hydrogenation of S-nitrostyrene. L. Kh. Freidlin. E. F. Litvin, V. M. Ciursina. Kin.i kat. 7 no.6:1039-1044

Producing styrene by the depolymenization of resins based on the products of petroleum hydrocarbon pyroly-sis. O. M. Mamedaliev and others. Plast, massy no. i: 27-30 '67.

# STYRENE-SPECTRA

Spin-spin interaction of fluorine nuclei in nuclear magnetic resonance spectre of some fluorestyrenes. N. M. Sergeev. N. N. Shapet'ke. G. V. Timofeiuk Teoret. i eksper. khim 2 no. 5:704-708 S-O '68.

#### STYRENE POLYMERS

Applormenation of particles in butadiene-styrenc latexes T S, Kazakinich and others Kauch fiez 26 no 19-13 167

Block copolymerizationer isopropenyltolinene and styrene R. G. Ismailov and others. Dold Ny therb SSR 22 по 9 20-24 об

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# SUBSIDENCES (EARTH MOVEMENTS)

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Studying the movement of rock during the mining of strata overlying in mines of the 'Novovolynskugol''
Trust V.I Shumeiko, V.N Timinskii, V L Oreshkin.
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SUBSIDENCES (EARTH MOVEMENTS)-MEASUREMENT E periedce in reconstructing vells into deep bench marks, N P Belous Osn , fund, r mekh grun, 8 no 5 35-

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Experimental study of the effect of alkyl substituents on the position of K- and R-absorption bands of screlein derivatives. A. F. Moskvin. O. P. I Ablonskii. L. F. Bondar', Teoret i eksper.khim. 2 no.5:635-640 S-O '66.

Influence of substituents in the reaction of indophenoryl radical vith substituted anilines. V.D. Pokhodenko. V. A. Bidzilla. Teoret. 1 eksper khim 2 no 5:891-693

Substitution reactions in discidediamine completes of Pt. II V M Shullman, R L Shehekochikhina, B I, Peshchevitskii Zhur neorg khim 12 no. 1 281-283 Ja 187

# SUBWAYS see subdivision under Moscow

SUBWAYS-DESIGN AND CONSTRUCTION see subdivision

# SUCCINIC ACID

Effect of surface active derivatives of sulfosuccinic acid on micro-organisms 1 G. Reznikov, E. K. Anufriev. Masl. - skir, prom 32 no. 11 22-24 N *66.

Succinic acid and wate stem of potatoes. IU. Shneider, O. Khilkova Zashch, ia: 12 no. 1 56 167.

System succinic acid - carbamide - water at 25 and 40°C. E. P. Simechatova, I. G. Druzhiana, S. D. Beskov, Zhur neorg him, 12 no. 1 199-202 Ja 167.

### SUCCINIC DEHYDROGENASE

Some conditions of spectrophotometric determination of the activity of succime dehydrogenase and cylochrome oxidase in mitochondria of the brain G. P. Gulidova. I. N. Sorokina. Biul. eksp biol i med. 63 no. 1:41-44

### SUCKER RODS

Determining propagation speed of clastic wave along string of rods of subsurface numpoint A. M. Kengerli. Lt. vys ucheb zav ; neft'i gaz 9 no.8:110 '66

Fatty acid sugars and their use in pharmaceutical practice F A Zhohlo, V, P Hustakov, Farmatsev, zhar. 18 no 3 22-27 463

# SUDAN—COMMUNET PARTY

Fighting underground. Hasa al-Tahir Zarruq, Mol. komm no 416-20 '66

SUDAN GRASS—DISEASES AND PESTS see subdivision under Ukraine

SUDOVIKOV, NIKOLAI GEORGIEVICH, d. 1966 Nikolai Georgievich Sudovikov; obituary Zap. Vses. min. ob-va 95 no. 6:767-768 '86.

### SUGAR BEET BREEDING

Characteristics of the inheritance of monospermous haracteristics of the innervance of monospermous fruits in hybrids of the first generation of sugar beets. M. G. Bordonos. Vest. sel'khoz. nauki li no. 12;80-81 D '66.

#### SUGAR BEET MACHINERY

Problems of the mechanization of harvesting sugar beet seed plants P.G Karaerov Dokl. TSKHA no 14 50-62

Sugar beet planters E A Bettaev, B F Kurnetsov S A. Mantikin Trakt, i sel^akhozmash, no 1 (7-4) Ja ¹67,

Tractor for sugar beet growing. A Matevanyi, A.Novi-kov Tekh, v scitkhoz, 26 no. 12:37-11 D 166.

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Effect of herbicides on the yield and quality of augar bect seeds. V S Dolla. Khim. v sell, Phos 5 no 1:38-41 Ja 167

Give the green light for the introduction of sugar beets as law material in the distilling industry Spirt, prom 28 no 31-4 162

The key to abundance of livestock products. G. Bogush. Mol. komm. no 6 92-97 Je 161.

Processing of sugar beets in the Labanovo Distillery.
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Processing of sugar beets in the Rasskazovo Distillery S S. Erdman Spirt prom. 28 no 3:15-17 162

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#### SUGAR BEETS-DEEASES AND PESTS (see also subdivision under Czechoslovakia)

Effectiveness of the treatment of sugar beet sproutings with DDT preparations, polychlorophiene, and then compounds. N. A. Taran. Trudy KISKII 55:79-65 '66.

Mass multiplication of the sugar best weevil Bothynoderos punctiventris Germ. N. A. Turan. Trudy KISKIII 55; 71-78 '66.

#### SUGAR BEETS-FERTILIZERS AND MANURES

Effect of foliar feeding of cobalt to potato and sugar beet plants on the yield and its quality M. U. TSiarcht ova. M. Z. Peker L. M. Daroyhkina Voster AN BSSR, Ser. sel'hasp.nav no.4121-23 '66.

Effect of mineral fertilizers on the sugar dynamics of sugar beet seed plants grown without transplantation, A.V. Heltaeva. lzv AN Kir. SSR no. 2:60-67 5-0 '66.

SUGAR BEETS—ERIGATION
(see also subdivision under Dzhambul Province)

Concentration of cell sap in leaves of augar bects in connection with various water supply, problem of determining the frigation of sugar beets based on physiological indices, N.IA. Ignatova, A.P. Lakkinnov, Vest. sciikhoz, nauki [Kazakh, ] 10 no.1-46-51 Ja 167.

# SUGAR BEETS-STORAGE

Storage and receiving inspection of sugar beets, G.N. Mikhatova, Spirt.prom 28 no.3:17-20 '62,

## SUGAR FACTORIES -ACCOUNTING

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### SUGAR INDUSTRY

Duration of the production cycle in sugar factories. B. S. Zhalov. Sakh. prom. 41 no. 1:4-8 Jn 167.

Let's work successfully in 1967, the anniversary year. Sakh, prom. 41 no. 11-3 Ja 167.

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# SUGAR INDUSTRY—FUEL CONSUMPTION

Effective use of heat and fuel in the sugar industry, M. L. Varsman, V P Mondzelevskii, Sakh, prom. ii no. l:36-42 Ja | 67.

Establishing norms for the consumption of heat energy and fuel in beet sugar production. Sakh, prom. 41 no. I: 67-75 Ja '67.

# SUGAR INDUSTRY-LABOR PRODUCTIVILY

Sordiuk, V. A. [Potentialities of increasing labor protivity in the augur industry] Receivy costs professor; nosti truda v sakharnol promyshlennosti. Modest, Pishchevala promyshleanout, 1965 B3 p. (Fkt at 1/4 ) skie znanila - rabochim)

#### SUGAR INDUSTRY-PERIODICALS

Topic outline of the periodical "Sakbarania prompto nost" for 1867 - Sakb prom - 11 no. 1819 11 - 12 Ori

#### SUGAR MACHINERY

Some problems of the design and use of continues of fusers, V. E Kruglovenko - Sakn, prom - 31 a / 149 46 la ¹⁶

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#### SUGARS

Studying the effect of the modulus of concentrated and the acid and the presence of sugar; in it on the order to collebose. I.P. Vyredova, V.I. Shurkov. The term NIGS 14:161-165 [65].

SUGGESTIVE THERAPEUTICS are Therapeutics, Suggestive

#### SHKIHIM-SPORTS

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#### BULFAMIDE

Synthesia of disalfamide derivativan of 5, 5, 10, 14 ten amethyl-lib. 95, 10 sten ahydroludi na [2, 1] thefr G. G. Samsonfia. N. K. hommize. R. M. Lughiy. . . . . AN CRUZ-288R 44 no. 2;305-310 N '88.

Synthesis of sulfamida derivatives of 2-phenyly q 21 sh -N. R. Loladze, R. M. Lagddze, Suob. AN Graz. to. 3,579-504 D '66.

#### SULFANILIDE

Studien of suffantifiden. Part 21: N-ni ylantfunyl natoluddineni opioniti (len. M. S. Mallinavakis, 1, R. 1985) vina, Z. P. Solomko, Uku khim, zhur, 35 no (r. 1931) 3 (8).

#### SULFINES

(see also subdivision under Cam asus, Northern, Kafan District)

Complex compounds of group IV metala with district annuously phenolog, their milities and diplored distillation, A.D. Gamowild, and others. Zhan note, khim. 12 no. 1359-162 do '67.

Experimental production of dieset fuel and suffides for Arian petroleum by selective extraction of milds L. K. Proya and othern Nofteper i nefteshing as 166,

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# SULFIDES-THERAPHUTIC USE

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# SULFITE LIQUOR

Scientific Council of the Scientific Reacards institute of the Hydrolysis and Solfite-Distilling Industry, [11] Rrumgollin, Gidroltz, Hesokhim, props. [15] 100, 5,28 My [162, Му

Use of mycelial fungt in the production of feed precele from sulfite liquous containing ofiguracelearties. T. is Semusiting, N. I. Monakhova, Shoretrad, NIUS 44

Vanillin made from black sulfite liquer. N. P. Konstaller. T. A. Solivanova. Bumeprom. na. 1:7-y Ja 1877.

### SULFONAMIDES-THERAPEUTIC USE

Treatment of infectious inflammatory discount of respectively organs with sulfapyridazine sodium (B. 1, Asia ) and others. Sov. mod. 28 no. 11-32-36 N 166

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### SULFONIC ACIDS

Dependence of the strength of the flotation frettler, action of alkylaryl sulfonates on their companities and structure. G.N. Nazarova, A.M. Okolovich TSvet. met. 33 no. 3:9-15 Mr. 180.

Effect of sulfo group in and coupling reactions of the the A.A. Spryskov, L. N. Golubkin, Inv. vya. ucheb. rat. khim. i khim.

Synthesis of multifunctional additives based on alkyl-Phenol and sulfonic acids of a sulfonated petroleum product. A. M. Kuliev, D. A. Akhmedzado. Shat, tred Az NII NP no. 3:235-242 158,

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#### SHIFTER ---ANALYSIS

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#### SULFUR-SOLUBILITY

Solubility of sulfur in various petroleum fractions, A.Kh. Amirkhanov. Izv vys. ucheb. zav. khim. 1 khim. tekh. 9 no. 5:843-844 166.

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# SULFUR COMPOUNDS-THERAPEUTIC USE

Use of sulfur-containing compounds in the prevention of radiation lealons of the organism A P. Kirlushchen-kov Med. rad. 7 no 10 77-85 O '02.

#### SULFUR DIOXIDE

Filect of water vapors on the interaction of soda with sulfur dio-ide at temperatures above 100°C. V.S. Fpikhanov, T.I. Kunin. Izv. vys. ucheb. zav. khim. i vbim. tekh. 9 no. 5:785-780 '66.

Production of highly concentrated sulfur dioxide by oxidation of pyrite with chiders in a fluidized bed. V.S. Aliev and others. Sbor.trud.Az NII NP no. 3 144-454

# SULFUR FLUORIDES

Boundary curve Hquid - gas for sulfur hexafluoride near its critical point. 1. A. Makarevich, E. S. Sokolova. Pist, v ted. Zhur, eksper, i teoret, fiz 4 no. 10 409-413 N 166.

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Redinchromatographic separation of certain mixtures of sulfur and vulcanization accelerators (with summin helpfish). I.V. Khozkaeva, IU.V. Kissin, Koli. zhur, 23 no. 3 322-326 My-Je '61

Prends of igotope effect at early stages of sulfide extration by purpur bacteria. E.N. Kondratiova, V.L. Mekhtieva, R.S. Sumarokova, Vest, Mosk, un. Ser. 6: Biol., poeliv. 21 no. 5:45-48 S-O '66.

### SULFUR ORGANIC COMPOUNDS

Using chromatography in studying sulfur isotope exchange in sulfur organic compounds. V.S. Demehonko, N.F. Borisenko Izv.vys.ucheb.zav.; neft'i gaz 9 no.8-54-

#### SULFURIC ACID

Decomposition of ilmenite concentrate by sulfuric acid.

A.M.Bobrova, E.V.Balukova, V B.Savel'eva Lakoras, mat, i ikh prim. no, 6,11-14 166.

Properties of sulfuric acid as solvent. B.D. Berezin. Izv. vys. ucheb. zav; khim, i khim, tokh. 0 no. 5:717-723 '66.

Spectroscopic study of the behavior of anthraquinone in sulfuric acid and oleum. I. E. Ovcharenko, N. P. Vinog-radova Teoret. i eksper. khim. 2 no. 5:687-690 S-

Studying the effect of the modulus of concentrated sulfuric acid and the presence of sugars in it on the solubility of cellulose, L. P. Vyrodova, V. I. Sharkov, Shor. trud. NIGS 14:181-185 '65.

Studying the hydrolyzability of cellulose after its swelling in concentrated sulfuric acid, L. P. Vyrodova, V. I. Sharkov, Shor, trud. NIGS 14:152-160 '65.

Sindying the problem of heavy corrosion of the equipment of the acid unit due to the use of technical sulturic acid in hydrolysis. E. A. Adamovich, V. A. Efimov, M. M. Isaeva, Sbor, trud, NIIGS 14:48-56 '65.

Sulfuric acid method of purifying benzol. A. P. Kolesov, V. Z. Sokolov. Koks i khim. no. 5.41-44 162,

Synthesis and some reactions of amide sulfates, A.A. Michurin, E. N. Zil'berman, Izv. vys, ucheb, zav; khim, i khim, tekb. 9 no, 5:775-778 '68. Temperature depedence of ascharite dissolution rates in sulfuric acid solutions. A.B. Zdanovskii, A.P. Burova. Izv. vys. ucheb zav. khim. i khim. tekh 9 no 5-892-695 '66.

#### SULFURIC ACID, EFFECT OF RADIATION ON

Pulse tadiolysis of aqueous solutions of sulfuric acid. A. K. Pikaev, V. I. Zolotai evekli – Izv. AN SSSR. Set. khim. no. 1486-490 Ja 167

#### SULFURIC ACID INDUSTRY

Outdoor location of systems in production of contact sulfuric acid. G F Luklianov Prom. strol, 44 no. 12:22-26 166.

#### SULTANGULOVSKIY REGION (ORENBURG PROVINCE)-OIL RESERVOIR ENGINEERING

Developing the Devonian pools of the Sultangulovo area in Onemburg Province A. M Karapetov Nauch -tek shor. po dob nefti no. 3;3-10 159. Nauch -tekh.

#### SUMY-MILITARY MUSEUMS

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#### SUMY PROVINCE-AGRICULTURE

Their words aren't supported by their deeds. M. Rodionav, IU Filatov Mol komm no 6 51-58 Je '61

# SUMY PROVINCE—GEOGRAPHY

Hudzenko, P.A. (Sumy Province; a geographic sketch)
Sums'ka oblast, geografichnyl narys, Vidpovidal'nyl
red, O.T. Dibrova, Kyiv, Radians'ka shkola, 1958,
119 p. (Oblasti Ukrains'kol RSR) red. 119 p. (C. (NN)

Relationship between geotectonics and solar activity.

A D, Sytinskii Inform blut Sov antark eksp. no 26 5-10 '61

#### SUN-FLOCCULI

Cause of increase in brightness of floccult during chromospheric flates. R E. Guseinov Trudy Shem astrofiz obset. 3,5-11 '61

#### SUN-PROMINENCES

Specirophotometry of the unusual solar prominence of July 2, 1058 O A Mel'nikov, S.S. Zhuravlev, I.A. Aslanov, Trudy Shem astrofiz obser. 3:40-62 164.

#### SUN YAT-SEN, 1866-1925

Tormation of Sun Yat-sen's revolutionary views and the foundation of the Society for the Renaissance of China' by Chin Chung-chi, Hung Sheng-wu, Abstract from "Li shih yen chiu" no, 5 1960 by R. N. Sikacheva, Sovr. kit, iit po obshchuelv, naukam no, 42:25-29 '61,

Effect of weather during solar-air and sea baths on arterial pressure. M. I. Mekler. Vop.kur., fizioter i lech.fiz.kuit. 31 no.6;554-558 '66.

Sea climate and heliotherapy in the comprehensive treatment of tuberculosis of female genital organs. I. Khal-movich and others. Vop.ku., fizioter i lech fiz.kulit, 27 no. 5.544-549 N-D 162.

#### SUNFLOWER SEED

(see also subdivision under Kabardino-Balkar A.S.S.R.; Moldayla; Ust'-Labinsk District)

Effect of thermal processing on the protein substances of oil-rich sunflower seeds, V G. Shcherbakov, V N. Sirko, Masl. -zhin. prom. 33 no. 1 5-7 Ja 167.

Form coefficient of oil-rich sunflower seeds. B.N. Klrievskil, A T.Kuznetsov. Masl. - shir, prom. 3 no. 1.7 Ja *67,

#### SUNFLOWER SEED OIL

Changes in properties of sunflower seed oil in frying fish for cauning. A.V. Utimmove-Malova, A.A. Ver-shinin Vop pii. 25 no 6.54-57 N-D 166.

Changes in the quality of sunflower oil occurring during high temperature prohesting. E L. Keizner, L. F Rezulchenko, Kons, i ov. prom. 17 no 3:35-38 Mr (62, Studying the stability of sunflower seed oil in the presence of heavy metal salts. S.S. Konta atenko, IA. Pokonny, G. IAntchek, Masl. -zhir. prom. 33 no. 1-8-10 Ja 167.

SUNFLOWERS—DEEASES AND PESTS see subdivision

# under Ukraine

SUNZHENSKIY DISTRICT—PRODUCE TRADE Leading procurement office, V. Konstantinov, Zakup, sel'khoz, prod, no, 11-48-50 N '66,

# SUPERCONDUCTIVITY

Effect of delay on appearance of tunnel characteristics of superconductors. 10, M, Ivanchenko, Pis', v red, Zhur, eksper, i teoret, fiz. 4 no. 9;358-361 N '66.

Effect of microheterogeneity on critical currents in super-conducting alloys. V.IA, Pakhomov and others. Fiz. met.i metalloyed. 22 no.4:840 O '66.

Local approximation in the electrodynamics of London's superconductors. A.V.Svidzinskii, V.A.Silusarev. Dokl.AN SSSR 172 no.3;569-571 Ja 167.

Localization of spins in superconductor. O. S. Al-htiamov, E. L. Fedorov Pis', vied. Zhar ekspei, i teoret fiz. 4 no 10:416-418 N 166.

Thermodynamic properties of thin superconductive films.
D, A, Kirzhnits, E, G, Makshnov Fiz. met 1 metalloved.
22 no.4,520-528 O '86.

Tunnel current from second-group superconductor into normal metal HA Hohadze Uki fiz, thur II no. 12. 1307-1310 D 166

#### SUPERCONDUCTORS, EFFECT OF TEMPERATURE ON

Citical temperature of small-size superconductors. E. 4. Shapoval Pis' v red. Zhur. eksper. I teoret. fiz. 5 no. 2:57-61 Ja '67.

Superconductivity in a nonequilibrium system. D. G. Batyev Phpl. v red.Zhur eksper i teoret fiz 5 no.2: 45-18 Ja '67.

SUPERSONIC AERODYNAMICS see Aerodynamics, Supersonic

# SUPERSONIC PLANES—SAFETY APPLIANCES

Floating fin  $\,$  S Skripnichenko, Av. i kosm  $\,$  no  $\,1^{\circ}44$  -47  $\,$  Ja  $\,^{\circ}67$ 

## SUPERSTITION

Superstition and religion, N.N. Grudinin Trudy Irk. un 36 no. 4 181-195 '65.

#### SUPPLY AND DEMAND

Demand and possibilities of satisfying it. M. Darbinian. Sov.torg. 40 no. 2:8-10 F 167. Direct ties of suppliers and consumers. A. I. Roshchin, Vest. LGU 21 no. 23:21-31 165.

Economic reform and planning for commodity production, R Lekshin, Sov. torg. 40 no. 12.8-13 D  $^{+}66$ 

Morozov, N.N., and N.I. Bellk. [Studying the demand for goods] Izuchenie sprosa na tovary. Moskva, Ekonomika, 1987. 118 p.

# SUPPLY AND DEMAND—CONGRESSES

Economic need as a problem of political economy. N. Bern. Nauch dokl. vys. shroly, ekon. naukt 10 no 1:94-95 '67.

#### SUPPURATION

Diffuse suppurative biliary peritonitis, A. A. Khachatrian, Azerb med. zhur. 43 no 12:3-8 D 466,

Mel'nikov, N.I., and Z.N.Mel'nikova. [Antibiotics in the treatment of suppurative infections] Antibiotiki v terapli gnolnykh infektsii. Moskva, Meditsina, 1966. 254 p. (DNLM)

Study of the development of amyloidosis in chronic suppu-29 no. 1) 10-13 N '88

Supparative lebitis. S. L. Libov. S. E. Ostrovskii Grud. khir 0 no.1:76-79 Ja-F 167.

Treatment of suppurative pulmonary diseases with in-u stracheal introduction of antibletics, M.A. Kalagova, T.IA. Mastennikova, Sbor, nauch trud. SOGMI no 10-169-171-161.

# SURAKHANY (AZERBAHAN)—PARAFFIN WAX

Conditions for the dewaxing process of a large fraction. and of the lubi leant 6 distillate from Surakhany selective crude by the use of carbamide, A.M. Kuliev and others Sbor trud. At NII NP no. 3-154-173 '58

Production of tractor motor oils from a large oil fraction of Surakhany selective crude using the dewaying method with carbamide. A. M. Kuliev and others. Shortrud Az NII NP no. 3 144-153 158.

#### SURFACE ACTIVE AGENTS

Effect of surface active derivatives of sulfesuccinic acid of micro-organisms. I.G. Reznikov, E.K. Anufriov Masi, -zhir, prom. 32 no. 11 22-24 N 186.

Effect of surface-active substances on the rate of growth Effect of surface-active substances on the rate of growth of sliver single crystals in the process of electic olysis. M. S. Zubov, A. T. Vegramian, Elektrokhimiia 2 no. 12:1426-1430 D '66.

Production and properties of alkylsulfoutelde, a new surface active agent, Report No. 1, 1U M. Volkov, L. N. Kulla. Masi, -zbir, prom. 32 no. 10:28-29 O '66.

Production and properties of alkylsulfourelde, a new surface active agent. Report No. 2. IU. M. Volkov, L. N. Kulla, Masi. - zhir. prom. 32 no. 11:27-28 N '86.

Results of experimental study of carbonate dissolving in secid foam. V.S. Ugolev Neft, khoz. 44 no. 11-49-52 N 166.

Solection of surface-active additions for copper-tin alloy electroplating. 1U E. Gerenrot, A. P. Etchis. Ukr. khim. zhur. 32 no. 11.1243-1248 166.

Structure of electric double layer on platinum in the presence of surface-active cations and antons. G, N. Mansurov, V, E, Kazarinov, N. A. Babashova, Elektro-khimila 2 no. 12:1438-1443 D '66,

Studying the solublitzing capacity of some synthetic surface active agents. B. M. Brevskii, IU. V. Ul'ienev. Musl. -zhir. prom. 32 no. 11:24-26 N 166.

Third All-Union Conference on Synthetic Fat Substitutes, Surface Active Agents, and Synthetic Detergents, Masl, -zhir. prom. 32 no. 10 1-5 O 166.

#### SURFACE CHEMISTRY

- Whester of introdes to steel and slag (S.). Chuchmarch, O. V. I sin,  $\beta$ . M. Fairesho, I. V. Mys. ucheb zav., chern and (10 no. 116-10 167).
- first of spectroscope study of isotope c change with suitace hidroxyl groups of chemically modified efficacy in Figlish, V I Lygin, V V Kiseley Koll zhui 23 no 3 299-303 My-Je [6]
- Koll zhut 23 no 3 279-303 riv-ov of interferaltension in products of blast furnace smelling of itt unium mignetites and metal losses in stigs 1 N Zakharov and others 12v Nd SSSR Met no 124-30 Ju F 167

#### SURFACE HARDENING

Some characteristics of the heat aging of an epocy compound of hot hat dening R M Kessenikh, R.P Polholkov, A V, Petro. 12, vys ucheb zav , fiz. 0 no 6 lli-li3 '66

#### SURFACE TENSION

- Method of measuring surface tension with an automatic drop counting furth summary in English), 5 A Nikitina, V B Laubman, Foll, 21ut 23 no 3 317-319 My-Je 61.
- Properties of the phase separating interface in liquid stilicon-manganese with molten sings. Sh M Mikiashvill. IU. M Gogiber idze Soob. M Gruz SSR 41 no 3, 687-692 D '66.
- Surface tension of fused salt solutions in the systems NaCl CaCl₂ and NaCl CaCl₂ BaCl₂ M F Lantratov Zhur prikl khim 34 no 6 1249-1257 Je *61

#### SURFACES

Calculation of sought for surfaces in three-dimensional methods of characteristics, K M Magomedov. Dobl. AN 989R 171 no. 6,1297-1300 D 166.

#### SURFACES (TECHNOLOGY)

Effect of the surface roughness of an object on sensitivity of ultrasonic testing by immersion methods. A.F. Mel'Vanovich, S.K. Pavros, Defektoskopila 2 no.5; 25-31 '66,

# SURFACES (TECHNOLOGY)-DRAWINGS

- Indicating on drawings allowed errors in the layout of holes V. M. Batalov Stand i kach. 30 no 11:24-27 N '66
- Limiting errors in shape and arrangement of surfaces. N.M. Nikolaev. Stand 1 kach 30 no. 11 33-37 N '56.

# SURFACES OF CONSTANT CURVATURE

Field theory in a space of constant curvature D. F. Kurdgelaidze Vest Mosk.un. Ser 3; Fiz , astron. 2; no 6:90-93 N-D '66.

SURGERY-BIBLIOGRAPHY see Bibliography-Surgery

# SURGERY-COMPLICATIONS AND SEQUELAE

- Ei rors and dangers in the resection of the stomach with the inversion of the duodenum and measures for their prevention V.G.Borisov. Khirurgina 38 no 11 63-67 N 162.
- Syndrome of the afferent loop and its surgical treatment, A I Sveshnikov, Sov. med, 30 no 1,102-108 Ja '67.
- SURGERY—CONGRESSES see subdivision under Moscow

# SURGERY, OPERATIVE

- Opening of the capsule of a gravity abscess along a guiding needle. O. IA. Sandovskii, Ortop., travm. i protez 27 no. 12 83-64 D '66.
- Operative techniques in inguinal hernia preventing its recurrence. A A Shalimov. Khirurgiia 42 no 12,87-90 D '66
- 90 D '00 Surgical treatment of neglected strangulated femoral hormas complicated by phiegmon of the sac. V. V Ivanov, Khirurgiia 42 no.12 94-95 D '66.
- Treatment of encapsulated pleurisy and chronic adhesive compressive pericarditis simultaneously with pleurectomy and subtotal pericardictomy. A. N. Kebanov. III. I. Blau. G. L. Feofilov. Grud. khir. 9 no.1:87-91 Ja-F '67.

#### SURGERY, PLASTIC

- Case of plastic surgery using capron in aneurysm of the abdominal acrta. N.N.Volobuev. I. A Ivanchenko. Grud.khir. 9 no 1:115 Jarr '87.
- Experience in the reconstruction of defects of the anterior abdominal wall by alloplasty A. IA. Fishchenko Khirurgila 38 no. 11 67-92 N 162.
- Formation of capsules and regenerative processes in the alloplasty of segments of the esophagus V.P.Kulik Khirurgiia 38 no.1181-87 N 162
- Plastic repair of a defect in the cardiac wall using lyophilized myocardium O. N. Survillo, E. G. Naumets Arkh, pat. 28 no 12:16-21 186
- Plastic surgery on the anterior abdominal wall using porolon I.S. Vasilenko, S.N. Mukhoedova, Khirungiia 38 no. il. 92-97 N 162

# SURGICAL INSTRUMENTS AND APPARATUS

Experience in the practice of using a metal clamp (pellet) in flotation of the mediantinum and chest. S. I. Buidin. Grud. khir. 9 no. 1:118 Jar 167.

- New flat dilator for surgery in mittal stenosis. B. V Petrovskii, A.M. Geselevich, N.S. Gorkin Khirurgiia 38 no il 128-130 N. 162
- SURGICAL AND TOPOGRAPHICAL ANATOMY see Anatomy, Surgical and topographical
- SURGICAL DRAINAGE see Drainage, Surgical

#### SURGICAL OPERATIONS see Operations, Surgical

### SURKHAN DARYA PROVINCE—COURTS

The councils of people's assessors, Shamirzaev, Sots zakon 38 no. 7:71 J1 '61,

#### SURPLUS COMMODITIES

Put the unused material resources in business circulation Mat, -tckh, snabzh. I no 41-6 O '66 Sale of goods at the fairs E, Sukhareva, Mat, -tckh, snabzh I no, 453-56 O '60.

#### SURVEYING

- Adjusting nets constructed by Professor A. I. Durney's method of fixed point interpolation, G.S. Bronshtein Izv vys ucheb, zav "geod i aerof" no. 6 53-64 '62
- Calculating mirror-lens systems from third-order abeliation formulas D. A. Romanov Izv vys neheb zav "good i serof no. 6 123-129 -162,
- Calculating the accuracy of layout surveys N.G. Viduev. Izv vys. ucheb zav ,geod. 1 aerof no 6 3-8 '62 Determining the weight of a function of quantities adjusted by indirect measurements V.P. Kozluv. Izv vys. ucheb zav ,geod i aerof. no 6:29-33 '62.
- Inversion algorithm for symmetrical matrices. A.Z. Sazonov Izv. vys ucheb, zav "geod, i aerof no. 6 77-80 162.
- investigating the arbitrary normal section on an ellipsoid of rotation V.N. Gantshin, Izv., vys., ucheb., zav., geod., amerof no 6 9-16 162
- Notes on the article of A. I. Bolotin "Increasing the efficiency of the method of least squares in the control of systematic errors," IU. V. kemnits Izv. vys. uchob zav geod i aerof no 6 133-135 62
- Relation of conjugate bearing methods to triangular factorization B.F. Magus'kin. Izv vys ucheb, /av , geod i serof. no 5:65-75 '62'
- Surveying work at construction of grain elevators, I.I. Bolgov, V.R. Chepulevich, Prom. stroi. 44 no 12: 39-40 166,

# SURVEYING-INSTRUMENTS

Standardization of geodetical instruments. Stand. i kach. 30 no 11.80-81 N 185.

SUSPENSION BRIDGES see Bridges, Suspension

# SUSPENSION ROOFS see Roofs, Suspension

### SUSPENSIONS (CHEMISTRY)

- Clarification of muddy water and flotation tailings with the help of a direct electric current L. V. Korchagin and others Ugol Uki. 7 no. 3,24-25 Mr '63,
- Formation mechanism of jellies in the donaturation of egg albumin. A, S, Zholobolsynova. V, A, Izmailova. Dokl AN SSSR 172 no.1:130-132 Ja '67.
- SUSPENSIONS (CHEMETRY)—ACOUSTIC PROPERTIES
  Ultrasonic wave scattering in monodisperse graphite
  suspensions. I. Q Mikhaitov, I. S. Kol'tsova, A. K.
  Devdariani, Vost, LGU 21 no. 22-56-61 166.

# SUTAM VALLEY—PLAGIOCLASE

Some regularities in the change of the composition and laws of the twinning of plagioclasss in the granifization of Archean and Proterozole rocks in the upper Sutam (Stanovoy Range). V.A. Kudriavtsev. Biul. MOIP, Old, geol. 36 no.5:138-139 S-O '61.

#### SUTURES

- Apparatus UTL-70 and its use in pulmonary surgery, S I Babichev, T.N. Androsova, Sov. med 29 no 10-44-47 O '66,
- Suturing of the common bile duct following choledochotomy G, M Antonenkov, Khirurgiin 42 no. 12.25-28 D 168.

# SVALYAVA REGION (UKRAINE)—LUMBERING

Directiveness of the use of logging slash at the Synlyava Logging Combine. IU.IU. Tupytsin. Les. burn. i der. prom. no. 3:73-81 '68.

# SVERDLOVSK-CLERKS (RETAIL TRADE)

Ordinary woman L. Neverov. Sov. torg. 40 no. 12:28-31 D 166.

SVERDLOVSK.—CONSTRUCTION INDUSTRY.—FINANCE Strive to fulfill the internal investment plans, I. Khrzhanovskii. Fin. SSSR 40 no. 12;80-01 D 166,

#### SVERDLOVSK—CONSTRUCTION INDUSTRY— MANAGEMENT

Overall plan for scientific organization of labor in housing construction combine. M. Kurnetsov. Na stroi. Ros. 7 no. 12 9-10 D 166.

#### SVERDLOVSK ---CORRESPONDENCE SCHOOLS AND COURSES

Dissemination of advanced educational esperience. 7.1. Bogomolova. Vech, sted, shkola 2 no 5:63-63 S-O 566.

# SVERDLOVSK-INDUSTRIAL MANAGEMEN P

Studies and incufcations on scientific organization of the both Part zhion no 1 60 ( 167.

# SVERDLOVSK—INDUSTRIAL MANAGEMENT—. CONGRESSES

Sverdlovsk workers share their experience. M. Bepid zhanov, A. Maka inroy Sats. trad. 12 no. 2464-10 1 567.

# SVERDLOVSK-MACHINERY INDUSTRY-MANAGEMENT

Problem is solved in its entirety. M. Marck. Solve,  $t_{11}$  1 12 no. 2:78-81 F 467.

# SVERDLOVSK-MILKING MACHINES

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# SVERDLOVSK PROVINCE—BANKS AND BANKING

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I. Kin zhanovskii. Fin. 888R 10 np. 12:80-61 D 166.

# SVERDLOVSK PROVINCE—BUILDING INSPECTION For the inspection of better residential and public build

ings. A Lukamin Na stroi Ros of no. 9:20-21 S 46.4

# SVERDLOVSK PROVINCE-CATTLE TRADE

Remove obstacles in the organization of direct ties in the producement of earths. D. Azanov. Zakap, m.Phy. or prod. no. 8 11-45 Ag 166.

# SVERDLOVSK PROVINCE-CAVES

Caves of the Sukhoy I og-Kamenka region in Sverdicent Province, M. I. Gevirta, Peshchery no. 2 49-60 14.2

# SVERDLOVSK PROVINCE—ECONOMIC CONDITIONS

Kozlov, M. P. [The labor glory of the Unit people] Unitliev slava fundovala. Svendlovsk, Stedne-Unit skewkutshnoe izd-vo, 1966. 139 p. (CSI-II)

# SVERDLOVSK PROVINCE—RURAL CONSTRUCTION - MANAGEMENT

Practice in the organization of production and labor E. Buldakov Nor khoz Kazakh, 24 no. 12 50 61 D v 3

# SVERDLOVSK PROVINCE—SCRAP METAL INDUSTRY - MANAGEMENT

Duplication is harmful to the business. S.Im (vi) has a it Fin. SSSR 41 no. 1:52 -54 Ja '67.

SVERDLOVSK PROVINCE....TEACHERS, TRAINING DE Raising the professional and cultural qualification of passent-day Soviet teachers V.F. Neastrooy. Us he was Sver gos. ped limit. no. 35:106-417 '66'

# SVYATOGORSK—SANATORIUMS

Effectiveness of treating allicests patients in the said toriums of Syyatogorsk, K.G.Ahramovich, Vop borg, fixtoter, i lech fiz, kult. 27 no. 6:530-514 N-D to.2

#### SWAMPS

- Afforestation of drained transitional boga, Sher, abust-issi, 1ab, po les, khoz, no. 6:201-227 163.
- Automobile reads for construction work in taigs swamp areas, V. IA. Panchenko, Pranap, stret. 16 ac., 1 & 8 Mr. 196.
- Spruce plantations on drained bogs in Kalining at Province. M. M. Elpat'evikit. Shor, nauch, -indl. (ab. poles, khoz. no. 6:348-261-63.

# SWEAT GLANDS—DISEASES

Syringadenoma of the okin. A. V. Gubareva. Aikh, j. xi 28 no. 12 48-53 186.

# SWEDEN-EDUCATION, SECONDARY

Prospects for the development of secondary schools in Sweden, E. Sokolov, Nat., ohr. no. 1:106-110 Jn 157

# SWEDEN—ELECTRONIC DATA PROCESSING—ROADS DESIGN

Using photogrammetry and electronic computers when planning roads in Sweden. F.D.Rebinovich. Transp strot. 16 no.2:57 F '66.

### SWEDEN-ORE DEPOSITS

Regions of alkall rocks and certain mineral deposits in Sweden; field trip of the 21st Session of the International Geological Congress M.P. Semenenko, Geol. Phur 21 no. 198-102 [6].

# SWEDEN-ROCKS, IGNEOUS

Regions of alkali rocks and certain mineral deposits in Swedon, field trip of the 21st Session of the internalieral Geological Congress, M.P. Semenenko, Geol. thur 21 no. 199-102 '01.

# SWLDEN-SHIPS-AIR CONDITIONING

Principal trends in the development of air conditioning and winth atten systems of ships in Seeden V M Stroishin Sudostroente 56 no 12:18-22 D 1:6

#### SWEET CLOVER

Luxphusive hay, good pustures D Adulhekov, Zem-Lucke 20 no 1:24-25 Ju 167

Machine for rubbing, drying, and searifying syect clo-ot N Artinkov Tekh v selikhoz 21 no 19 18 N At Hakov 0 61

Sent clover for selinized soils M. Tiutiunik Zem-Ir lulie 20 no. 1:46-47 Ja 167.

#### SWIMMING

Guterman, V.A. [A some of vitality and health]
Istochnik bodiosti i zdorovija. Moskva, Znanie, 1967. 31 p. (Narodnyi universitet Fakul'tet zdorov'la, no. 3)

SWIMMING POOLS—DESIGN AND CONSTRUCTION see subdivision under Leningrad

#### SWINE

(see also subdivision under Krasnodar Territory, Yuzhno-Sakhalinsk)

A system of organizing group raising of swine for produc-tion. S. V. Kachetkov Doki i soob, VNIPSKII no. 28: 47-55-65.

# SWINE-DISEASES AND PESTS

Tilga, Voldemar. [Communicable diseases of swine] Sizade nakkushaigused. Tallinn, Eesti Raanal, 1965. 235 μ. [In Estonain]

## SWEIE-FEEDING AND FEEDS

(see also subdivision under Krasnogvardeyskly District, Belgorod Province)

Failpment for balance experiments with swine. V.N. Nisitin. Vest. sellkhoz. nauki 11 no. 11:110-111 /66.

the of small doses of antireticular cytotoxic serum for Lie cosing the weight of fattened swine. A. V O. et ev. B. A. Volke essenskii. Dold. ISKHA no 45:037-111 50.

tise of vitamin Bg and trace elements in feeding growing same 1A, A, Babin, G, V Melhikov, Khim v sell khoz 5 zio 1:46-17 Ja 167.

# SWINE-GENETIC RESEARCH

Innamogenetic analysis of interbreed and intrabreed is pilation differentiation in pigs V. N. Tibbonov and others. Genetika no. 12:108-119 **166

#### SWIVE-PHYSIOLOGY

• flect of providing swine with a free access to the runs on some physiological indices and fottening effective-ies. A. P. Istoni t. Dokl. TSKIIA no 45:113-150 59.

Ultraviolat fraudiation of young pigs until the age of 4 months with the purpose of stimulating their growth will increasing their resistance to discusses. A. V. Obor ov. P. A. Puchkov, G. F. Salbar ov. Dokt TSKHA English=136 59.

SWINE BIFEDING acc aubidivision under Kuban

# SWINE EILYSIPELAS

Histochemistry and some problems of the pathogenesis of hog cholor a cost swine crystpelas. M. S. Zhakan. Vertsi AN BSSR, Ser. sel'hosp anv. no. 4,112-116 [66.

#### SWINE FEVER see Hog cholera

# SWIRE HOUSES AND EQUIPMENT

Effect of providing swims with a free necess to the runs of some physiological indices and fattening effective-ices. A. P. Istonin. Dokl. TSKHA no 45-143-150 159.

Fifeet of the interoclimate of a swine house on the growth and physicological state of swine kept in longe groups and without pens. M.S. Holko, Dold. TSKIIA no. 45;

#### SWITCHING CIRCUITS

Claisimas tree light switch dadie no 11-36-39 N 166

Dernin, E.A., and L.A.Chinenkov. [Magnetic switching elements in radioelectronics] Magnithye kommutatsionnye elementy radioelektroniki, Moskva, Mashinestroente, 1905, 421 p.

heternization of losses of a partially accessible networks during the arrival of two flows. G. I. Ionin, IA, IA, Sedol. Hightrosviaz. 21 no.154 57 Ja 107.

I ogleal and switching circuits using switching diodes and feerlies with rectangular hystoresis loop. V. F. Molekhin, I. V. Melekhina. Frudy GGO no. 1891b3-189 166.

SYEMITE-ELASTIC PROPERTIES see subdivision under Azav Sea region

SYMBOLIC AND MATHEMATICAL LOGIC see Logic, Symbolic and mathematical

SYMPATHETIC NERVOUS SYSTEM See Nervous system, Sympathetic

# SYMPATHOMIMETIC AGENTS

Fflect of sympathomimetic amines on the neuromuscular apparatus of the crab and crayfish. M. IA, Kuntsova. Fiziol, zhur 48 no. 3,370-378 Mr 163.

#### SYNAPSES

Differentiation of recipiocal and nonspecific descending synaptic effects following stimulation of the reticular formation of the medulla oblongata P H Kostiul, M M, Preoblazhenstky: Fiziol thu [ilkr | 12 no 6 712-720

Morphophysiological correlations of evoked potential of the sensor imotor cortex in rabbits during the process of postnatal ontogeny F Ata-Vini adova. I Chernyshev-skaia Fi/iolythur 52 no 12:1410-1419 p 166.

Synaptic mechanisms of vestibulospinal effects on a motone in ons. A. I. Shapovalov, G. G. Kurchavyi, M. P. Strogonova, Piziol zhan, 52 no.12 1401-1109 D. 166

#### SYNAPSES -- CONGRESSES

Second All-Union Symposium on Problems of General Physiology, 'Synaptic Process; s. 'O H. Zadorozhnyi, Fiziol zhur. [Ukr | 12 no 6 8 15-838 N-D '66

SYNCHRONOUS ELECTRIC MACHINERY see Electric machinery, Synchronous

SYNCHRONOUS ELECTRIC MOTORS see Electric motors, Synchronous

#### SYNCIDROTRON

Use of election synchrotron as maser. A A Sokolov, I M Ternov Piel, viced Zhar, eksper i teoret fiz no 3 90-9% Ag *66.

#### SYNGENITE

Syngenite (kaluzite)--K₂Ca (SO₁)₂ H₂O, its crystalling structure and some properties of mineral connected with it [1] Gorogotskam, Min shor 20 no. 1481-189 166

#### SYNNYR RANGE-EUCOLITE

Accessory encolite from pagmatites of Synnyr Massif (northern part of Lake Baika) region), S M Kraychen-ko, E G, Proshchenko, Min, shor 20 no. 2 201 201 165

# SYNOVIAL MEMBRANDS-WOUNDS AND INJURIES

Regeneration of the synovial membrane of the knee joint; preliminary report. V. V Gonchari protez 27 no. 12-28-31 D 466. V, V Gencharenko. Ortop, fravm.

#### SYNTHETIC DRUGS

15e of synthetic ion exchange regins in racidical practice; a review of the litterature. N.M. Sokolina. Khirungia. 42 no. 12 110-11 I.D. 466.

#### SYNTHETIC FABRICS

Use of fitter fabrics made from synthetic fibers. V A. Zambrovskii Sakh prom 41 no, P18-21 Ja 167,

SYNTHETIC PETROLEUM see Petroleum, Synthetic

#### SYNTHETIC PRODUCTS

Antilof'ev, B.A., and G.D. Mikhailov. [Using synthetic materials in black construction; textbook for correspondence courses for raising qualifications of engineer-ing and technical workers]. Primenente iskusstvemykh materiatov v putevom khozinistve, uchebnoe posobie dlia zaochnykh kursov povyshenia kvahifkatsli ITR N sibh sk., Zapadno-Sibirskov knizhnes izd-vo, 1965

#### [MICROFILM]

Synthetic materials are needed in advanced technology, B. L. Herezin. Poligr, proizy, no. 1:26-28 Ja 163

SYNTHETIC RESINS see Reshis, Synthetic

SYNTHETIC RUBBER see Rubber, Synthetic

SYNTHETIC TEXTILE FIBERS see Textile fibers, Synthetic

# SYR DARYA-FISHES

Materials on biology of young fish in upper Syr Darya.
V A. Maksunov – Irv. Old. biol. nauk AN Tadzh. SSR no 3 52-68 466

# SYRIA-COMMERCE-RUSSIA

Yahya Arawdaqi, "Negotiations went successfully." Vnesh, tet g. 16 no 12.45 166.

# SYRIA-HISTORY

The lands of kings and pole is in the Syria of the Hollenis-tic and Roman periods. 1, Sh.Shifman. Palest shor-no.15:91-106 *66.

#### SYRIA-MIDDLE AGES

Medieval schools of Syria. N.V. Pigulevskaia. Palest. sbor. no. 15:130-140 460.

SYRIAN SCHOOLS see Schools, Syrian

#### SYRINGOMYELIA

Effect of radon baths on the pain syndrome in syringomy-ella. A. N. Vengerova. Vop. kur., fizioter i lech fiz. kul't. 31 no.6;517-520 '66.

Vascular reflexes in syringomyolia, L. N. Shuvaeva. Shor, nauch, trad. SOGMi no. 10:13-17 '61.

#### SYRUPS

Use of pertite for the fift ation of reforce's syrups. N.M. Fedetov, Sakh, prom. 41 no 1,27-29 Ja 167.

#### SYSTEM ANALYSIS

Constructing the stability region for systems which are not stable in the large "A M Formaliskii Vest Mosk, un Sci. 1 Mat., mekh 22 no 171-81 Ja-F '67

Fvolutional equations and the expansion of open systems Z. S. Agranovich. Izv. AN SSSR Ser mat. 30 no. 6:1201-

kmetic foot of a conscriptive system for isoenergetic trajectories. If E. Petsakh Prikl, mat, 1 mokh. 30 no. 6 1128-1132 N-D '66

#### SYSTEMS (CHEMISTRY)

Change of the type of singular star of quinary reciprocal systems in the substitution of halides by nitrate lon, V I Posyparko Zhar neorg khum 12 no i 216-219 Jr. 13

Chemical cooldination in electrolyte solutions. L.5. Lilieh, Publ. sovi. Phim. Poord, soed. no 1:87-135

Chemical phase analysis of alloys in the system ZtO₂ - ZtC and ZtO₂ - TiC E E Kothat, T IA Kosolapovi, 1, N Nozanchuk, Izv. MN SSSR, Met no. 1 201-201 Ja-F 167

Differential and thermal studies of the ternery system M.O - MgCl - HO 1 P. Vyrodox Zhur prikl khim 31 no. 6 1201-1218 Je '6i

Distribution of the potential in rectifying elements of the system Al - Bi -Se - dielectric - Cd and Sn piloy. R.A. Solov'ev Izv.vys ucheb zav.; fiz. 9 no 6:36-39 '66.

General method for plotting diagrams of variable multi-component systems A. F. Trolov Dokl. AN SSSR 172 no. 1111-117 Ja 167

Interaction between uranyl nitrate and nili ates of some metals in aqueous solutions M. A. lakimov. Fy-Ki N. F. Nosova Radiokhimila no. 6:646-651 166 Physicochemical study of heyachloroinafnates of Alkali metals and ammonium [1 B. Bai skala, G. M. Toptygma, Zhui neorg khim, 12 no 1 29-33 Ja 167

Physicochemical study of systems consisting of indium iddide and todides of potassium, cesium, silvet, and thallium, P I I cdotov, A G, Dudareva, M, 5 Nosova Zhur, acot g, khim 12 no. 1 274-275 Ja 167

Surface tension of fused salt solutions in the systems NaCl - CaCl₂ and NaCl - CaCl₂ - BaCl₂ M F Lantia-lov, Zhur prikl khim 34 no. 6 1249-1257 Je 161

Tennary system W - Ci - C F I Glidyshevskii and others Izv AN 858R, Met no. I 190-193 Ja-F 167.

# SYSTEMS (CHEMISTRY)-DENSITY

Density and compressibility in itrational fiquid binary systems. G I Batalin, G I Chalruk Ukr, khim zhur, 32 no II 1254-1255 166.

### SYSTEMS (CHEMISTRY)--CLECTRIC PROPERTIES

Electric conductivity of the systems of nitrobenzene with carboxylic acids R.M. Kulikava, T F Kaiaz'kova, Trudy IGU 185 93-96 '65

Electric conductivity of the systems of phenols with aldehydes and ketones. Report No.1 R.M.Kulikova, V.D Ryzhov, Trudy TGU 185-83-87 [65]

Electric conductivity of the systems of phenois with aidehydes and ketones Report No. 2 R. M Kulikova, V. D. Ryzhov, B. V. Tronev. Trudy 1GU 185 88-92 165

# SYSTEMS (CHEMISTRY)-SOLUBILITY

Solubility in the system vanedum pentoxide - ammonta-nater at 25°C. P. I Federov, I., M. Akulkina, E. S. Razgon, Zhur, neotg, khim 12 no, 1195-198 Ja '67.

SYSTEMS (CHEMISTRY)—THERMODYNAMICS
Course of distillation lines in totrahedron of four-coponent system compositions. IU, 1, Malenko, N. V.
Lutugna, Vest, I.GU 21 no 22 93-103 '66.

Lutugna, Vest, LGU 21 no 22 93-103 '66,
Thermodynamic characteristics of the systems HClO₄ - 11₂O, Ca(ClO₄) - 11ClO₄ - 10O and saturated solutions of the system Ca(ClO₄)₂ - HClO₄ - 1₂O at 25°C. L. S. Lilich, V. M. Shalygin, Vest, LGU 21 no 22 104-110 '66.

#### SYZRAN' (KUYBYSHEV PROVINCE)-BUILDING INSPECTORS

He high-principled M Markushin Na stroi. Ros. 4 no. 9 12 S 183.

# SZAIBELYITE-SOLUBILITY

Temperature dependence of ascharite dissolution rates in suffu le acid solutions. A. B. Zdanovskii, A. P. Burova. Izv. vys. ucheb. zav., khim. i khim. tekli. 9 no. 5:692-095 '66.

New neries of dining tables recommended for mass production. IE, S, Levandovs'kyi, H, IE, Burhana'kyi, Lis, hosp., lis., pap.i der.prom. no.1:27-20 Ja-F '07.

# TACHOMETER—TESTING

TACHOMETER—TESTING
Russia (U.S.S.R.) Gosudarsivennyi komitet standartov,
mor i izmeritel'nykh priborov. Instruction 242-57 for
checking tachometers, speedometers, and revolution
counters] Instruktsita 242-57 po poverke takhometrov,
spidomotrov i schotchikov oborotov. 12d. ofitislal'noe.
Moskva, Izd-vo Standartov, 1964. 28 p.

#### TACHOMETER

Noncontact a c tachometer generators, O N. Suslova and others Bull tekh -elon inform Gos nauch isal mat, namch i tekh inform 19 no 11 52-53 N '66

# TACH'ING DYNASTY see Manchus

#### TAENIA

Some morphological problems of Taenia of cheecy athidae V, D Forum Birl MOIP Old gool 36 no 3 149-150 My-Jc '61

Taeniarnynchosis and its control in the U.S. S.R. L I Protopenko. Med paraz i paraz bol 35 no 6 652-661 N-D 66.

Tieatment of taeniasis with the extract of male ferr A Dashtaiants Shor nauch trud SOGMI no 10 155-

#### TAGANROG-BOILERMAKING INDUSTRY

Shortcomings in making TP-80 boilers N. M. Ballin. V. G. Kachkin Bezop truda v prom 11 no 1 23-25 Ja 167

#### TAIGAS

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Some characteristics of the seasonal development and growth of oak seedlings in the biogeoconosis of southern taiga P. P. Treskin Bot. zhm 51 no 12:1740-1748 D

#### TAIPING REBELLION, 1850-1864

"Character of the Taiping Rebellion" by Wang Chien jeu Abstract from "Wu hang ta hasien jen wan kia haueh haueh piao" no, 8 1959 by S I Zaietskata Sovi kit lit po obshchesty naukam no 42:36-42 '61,

#### TAJIK DEPRESSION-PALEOGEOGRAPHY

Facies and paleogeographic characteristics of Rhactian-Junasue formations in the Tajic Depression, V. I. Troitskii. Biul. MOIP. Old. geol. 36 no. 5;133-134 S-O '61,

# TAJIKISTAN—AERONAUTICS IN AGRICULTURE

Cotton growers' faithful friends Kh.N Mirzeiants. Grazhd av. 19 no 2:6-7 F 162.

#### TAJIKISTAN—ALFALFA

New occurrence of Medicago grossheimii Vass. in Tajikistan A M. Kovalevskaja Izv Otd, biol nauk AN Tadzh SSR no. 3 93-96 166

#### TAJIKETAN-ANEMONES

Morphological and biological characteristics of som anemone species scedlings in Tajilistan, M. M. Shari-pova, !zv. Otd. biol, nauk AN Tadzh SSR no, 3 97-10! '66.

# TAJIKETAN—ATMOSPHERIC TEMPERATURE

Brief agroclimatic characteristics of temperature condi-tions in the northern regions of the Tajik S. S. R. L. Kuzybaeva, Izv Uzb. fil. Geog. ob-va 9-37-42 66,

# TAJIKISTAN—BOTFLIES

Occurrence of little-known Gastrophilus haemorrhoidalis flavipes Ol. (Diptera, Gastrophilidae) in Tajikistan Sh. Baratov. Izv. Otd. biol. nauk AN Tudzh, SSR no. 3-102 *66.

# TAJIKISTAN-CELESTITE CRYSTALS

Crystallographic forms of celestite from the Gulisayskoye deposit of strontium in the Tajik 5 S R. E K. Podporina. Trudy IMGRC no. 4,139-141 '60.

#### TAJIKISTAN-CLIMATE

Characteristics of loss of blood in labor under hot elimate of Talikistan M. T Pulatova E D. Laptieva Izv Old biot nauk AN Tadzh SSR no 3 118-122 '66

#### TAJIKISTAN-COTTON-DISEASES AND PESTS

Biology of Meloidogyne incognita act ita Chitwood, 1949 in Tajikistan. N. L Semikolenova, Izv. Otd. biol. nauk AN Tadzh, SSR no. 3:48-51 166

# TAJIKISTAN—EWES—FEEDING AND FEEDS

Effect of cobalt, copper and iron on productivity of Gisser ewes, N. Saliev, Izv. Otd, biol, nauk AN Tedzh. SSR, no. 4:92-99 '66.

# TAJIKISTAN-GALENA

Crystallochemical characteristics of galenite from Dzhilau deposit (Tajikistan) L. M. Stupkina. Zap. Vses. min. ob-va 95 no. 6,713-715 '66.

# Tajikistan—geology, stratigraphic

Stratigraphic comparison of Neogene sediments of south-western spurs of Gissar Range. Tajik Depression and Darvaza Range. F.P. Korsakov. Nauch trudy TashGU no. 234. Geol. nauki no. 20;246-257 '64.

#### TAJIKISTAN-INSECTS, INJURIOUS AND BENEFICIAL-BIOLOGICAL CONTROL

Review of some scientific advances in biological method of controlling injurious insects and its future develop ment in Tajikistan. M.N.Narzikulov. Izv. Otd. biol, nauk AN Tadzh, SSR. no 4:3-14 '66.

# TAJIKETAN—JUMPING PLANT LICE

How species of jumping plant lier(Homopicia, Psylloidea) of Taukistan, V. G. Baeva, Izv. Old, Inol naul AN Tadzh SSR no. 1.68-77 '66

# TAJIKISTAN—NUMATODE DISEASES OF PLANTS

Biology of Moloidoy, in incognita actita Chitwood, 1949 in Tajkistan N L Semirofenova Lev Otd biot nauk AN Tadzh, SSR no3 18-51 166

# TAJIKISTAN—PARASITES—MARMOTS

Trypanosoma and Sarcosporidia of Marmota caudata Geoffr E. A. Muratov, A. U. Kuima Izv. Otd. biol mark AN Tadzh SSR no 3 103-105 466

# TAJIKISTAN—POLITICS AND GOVERNMENT

TAJIKSTAN—POLITICS AND GOVERNMAN.

TAJIK S.S.R. Vetkhornyl Soyet. [Meethings of the Sixth
Supreme Soviet of the Tajik S.S.R., fourth session, December 22-23, 1994, yet battim report] Zasedaniti Verthornogo Soyeta Tadahikshoi SSR shestogo soyyya (chetyertata sessiia) 22-23 dehabi ia 1964 goda, stenografi cheskii otchet [Dushanbe, 1965] 477 p. [In Ta]ik, Russan, and Uzbek]

#### TAJIKISTAN-POLLEN-MORPHOLOGY

Materials on palynology of Tajikistan flora. 1.5, Riab-kova, Izv. Otd. biol. nauk AN Tadzh SSR. no 1.54-59

# TAJIKISTAN—PUBLISHERS AND PUBLISHING

Knizmaia palata Tadzhikskoi SSR, [The press of the Tajik S, S, R., 1059-1063; statistical materials] Pechat' Tadzhikskoi SSR, 1959-1063; statisticheskie materialy. Dushanbe, 1964. 61 p. (MII)

#### TAJIKISTAN—RED SPIDER

Materials on biology and ecology of Schizotettanychus pruni Oud (Acarina, Tetranychidae) in Tagikistin. Z Stiunkova Izv Otd. biol nauk AN Ladzh, SSR no. 3:69-

#### TAJIKISTAN—RUSSIAN LANGUAGE—5TUDY AND TEACHING

Taster and better. L.I. Balashova. Vech, sied, shkola 9 no. 3:71-75 My-Je 166.

# TAJIKISTAN—SHEEP

Micromorphology of thyroid gland in sheep of Tajik breed, N. M. Firsova. Izv. Old, biol, nauk AN Tadzh, SSR. N. M. Firsova. Iz no. 4,116-123 | 66,

#### TAJIKISTAN—SHEEP—FEEDING AND FEEDS

Change in microstructure of thyrold gland of sheep of Tailk hi ced as affected by lodine-em iched food Firsova Izv Otd biol mask AN Tadzh SSR no d 110-

# TAJIKISTAN-SOIL MICRO-ORGANISMS

Microflora of soda Solonchak soils in southern Tajikistan. S, I, Vasil'chikoya, A, F, Zakharchenko, Izv. Old. biol, nauk AN Tadzb, SSR. no. 1:15-20 '66.

# TAJIKISTAN-SOLONCHAK SOILS

Microflora of soda Solonchak soils in southern Tajikistan. S. I. Vasil'chikova, A. F. Zakharchenko, Izv. Old. biol, nauk AN Tadzh, SSR. no. 4:15-20 '66.

# TAJIKISTAN—STATE FARMS

Usmanoy, Rakhmankul. The activity of the political de-partments in strongthening the state farms of Tajkistan, 1933-1940) Delatel nost politotdelov po ukreplenilu sov-khozov Tadzhikistana, 1933-1940 gg Dushanke, Irfon, 1985, 39 p. (CSt-H)

# TAJIKETAN-STRONTIUM

Crystallographic forms of celestite from the Gullsayskoye deposit of strontium in the Tajik S S, R. E, K Podportna, Trudy IMGRE no. 4:139-141 '60.

#### TAJIKISTAN....WOMEN

The fate of Tajik women, 1. Rakhimova. Agitator 34 no. 448-19 F 187

# TALAS ALATAU-FORAMINIFERA, FOSSIL

Layers with Endothyra communis in the Kara-Tau and in the western sputs of the Tatas Ala-Tau. O. I. Bogush, O. V. Itterev. Biet. MOIP Otd. geol. 36 no. 3:09-101 My-Je 161,

### TALC

Limits and nature of variations of composition in tale mineral. P 190 Ja 167 P. P. Smolin. Dokl. AN SSSR 172 no.1:187-

#### TALES

Not all tales deserve interpretation. A. I. Gukovskil. Vop. ist. 42 no. 1:184-186 Ja 187.

# TALKING MOTION PICTURES see Motion pictures,

# TALLINN-MOTORBUS LINES-TIMETABLES

[Timetables of motorbus lines in Tallinn] Raspisanie avio-busnogo dvizhenija v g. Talline. Tallinn, Eesti Raamat, 67 p.

# TALLINN-TAXICADS-MAINTENANCE AND REPAIR

Anvelt, Jaan. [Organization of maintenance and repair of automobiles at the Tablinu taxleab center] Tallinua Taksiautopargi tookogemusi autode tehullise hookiamise ja remondi organiseerimisel. Tallinu, Valgus, 1966. 32 p. [in Estonian]

# TAMBOV PROVINCE -- COMMUNET YOUTH LUAGUI

A district committee of the homeomol and the education of young people. N. Klepach, Mol kennin no 12 ft. ft. ft. D bi

#### TAMBOV PROVINCE-DREISENIDAE

Pirst occurrence of Diclesena polymorphs in Tamber Province: V. G. Skoptsov Zool alm: 15 no. 1240 15 po. 12:1800 -1881 66

# TAMBOV PROVINCE—ECONOMIC CONDITIONS

TAMBOV PROVINCE—ECONOMIC CONDITIONS
Okatov, N.A. [The Tambov party organization during the period of struggle for socialist industrialization and of preparation for the complete collectivization of anti-culture, 1920-1929] Tambovskala partificate organizaty if v ported her by za sotsialisticheskum industrializatsim i podgotovki splosimoi kollektivizatnii sofiskog khoziatsiva, 1926-1929 gg. Voronech, Tsentralino-Chernozemnoe knizhnoe izd-vo, 1964, 39 p. (iz istorii Tumbovskoi organizatsii KPSS)
(CSI-ti) (CSt-II)

### TAMBOV PROVINCE—ELECTRONIC DATA PROCESSING-AGRICULTURE

Efficient distribution of agricultural production with the aid of linear programming NS Kharitonov, D 11 a soob.VNIESKH no. 28 81-93 '65.

# TAMMSAARE, ANTON HANSEN, 1878-1940

Pulvel, Heine. [The early period of A.H. Tammsonre's life and creative work, 1879-1922] A.H. Tammsonre clu ja loomingu varasom periood (1878-1923). Tallian, Eesti Raamat, 1996. 405 p. [In Estonian]

Sectional filter for pouring petroleum from tank (ms. I B. Kheifets Neft. I gaz. prom. no 5:49-50 S-O [66.

#### TANK CIRCUITS

Plezo-quariz resonators 1., Clinkman, Radio no 11:40-12 N 100

#### TANK VESSELS

Causes of Intensive corresponds of pipes on the "Kazhek" and "Pekin" type tankers. K.IAndushkin and others Mor flot 27 no.1:32 Ja '07. The new tanker "Burgas." Sudostroente 56 no.12:59 D '06.

Results of the operation of the first "Sollia" type whip. A. L. Kastal'skil Information (FSNIIMI) no. 155 Tech ekspl. mor. flota no. 46:12-27 [60]

#### TANK WARFARE

Antitank guided missile in defense. I fAkoviev. Veen vest. 41 no. 6:121-122 Je 361.

Attack of a tank battalion on a hastily occupied defending position. D. Loza, Voen, vent. 41 no. 0: 11-15 Jr. (6). Tank company overcomes a heatily prepared defensive position. A. McUnikov. Voen. vent. 41 10, 6:61-61 Je '61.

#### TANKS

Biriuk, V.S. [Mounted ship tanks] Sudovye vkindaye tai-sterny. Leningrad, Sudostroenie, 1966. 128 p.

Calibration of pontoon and floating roof tanks. N M Fatkblev, I.S. Bronchtein, R. Sh. Akmullin, Transp. i khran, nefti i nefteprod. no. 11:23-24 166.

# TANKS-COLD WEATHER OPERATION

Operation of tanks in winter. B.T. fullak. Becop tand: v prom. 11 no.1;20-30 Ja '67.

### TANKS (MILITARY SCIENCE)

How to study tank armament better, Voen, vest, 41 no. 64109-111 Je '61, A. Kondráchov,

The role of armored troops in the Battle of Mosco. F. Tamonov. Voca, -1st, char. 8 no. 1-14-23 Ja '67. Toward the heights of mastery, I, Chuguev. Voen, vest 41 no. 6:12-13 Je 161.

### TANNING

New standardized production methods. V. G. Suchkov. S.V. Arbuzov. Kozh. -obuv prom. 0 no.12:10-12 D 65.

Specialization by branches as an important factor of the technical progress and economic effectiveness of industrial production N. Morkur'ev. A. IAkadin A. Zhulin. Kozh. -obuv. prom. 8 no. 12:33-34 11 '66

# TANNU-TUVA see Tuva A.S.S.R.

Infrared absorption spectra of chromium and from eather-tantalates. F. A. Rozhdostvenskii. II. I. Krylov. Fix-tver. tela 8 no. 11:3382-3383 N '66.

# TANTALITE

Some experience in studying minerals from the columbite-tantalite group. V. A. Kornetova. Trudy Min. mur. no.12:37-53 '61.

#### TANTALUM

Applying the dialvsis method in the study of the state of nisbhum and tantalum in solution, A. K. Babko, H. I. Hrydchyna. Dop AN URSR no. 7 921-924 162

Genetic types of deposits and occurrences of niobium and tantalum. M. V. Kuz menko. Trudy IMGRII no. 4 142-173 '60.

#### TANTALUM DROMIDE

Plectron diffraction examination of nichium and tantalum pertabut omides. V. P. Spiridonov. G. V. Romanov. Vest. Mack. un. Sci. 2: Khim. 21 no 6-109-110 N-D 466.

# TANTALUM ISOTOPES

Circular polarization of y equanta in Talli. V. M. Lobashow and others Pist, vied Zhur, eksper, i teoret fir, 5 no. 2473-75 Ja '61.

# TAPEWORMS see subdivision under Koryak National Area

# TAPEWORMS—EXTERMINATION

Controlling echinococconis by a rapid method, V.T. Ramazanov, V.I. Kurnetsov, B.K. Zaplatkin, Vrs. scitkhoz, nauki [Kazakh.] 10 no.1-80-81 Ja '67.

# TAPIOLITE age subdivision under Dalepor Valley

Insteading the precision of threads cut with nut taps, M. V. Stefankov. Stan, t instr. 37, no. 12:24-26, D 166 Manufacture and use of hard-alloy taps. V. P. Patfenov. Stan 1 instr. 30 no. 1:35-36 Ja 167.

#### TAES AND DIES-STANDARDS

TAES AND DES—STANDARDS
Russis (U.S.S.R.) Gosudarstvennyl komitet standartov,
nor i k mei itel nykh pi borov. (Finishing taps for cutling meh ic threads in citcular dies; allowances and
working dimensions for threads | Metchiki chistoye dia
rarezanta met icheskoi raz by k rugiykk plasikakh,
dopuski i ispolnitel nye razmery na rez bu. MN 5359-04;
MN 5360-04 | Moskva, Izd-ve Standartov, 1964 | 15 p (SSSR. Not mali mashingstroenila)

Closed metal vessel for storing, transporting and the induction heating of the and other viscous materials. T. N. Lavin. Shor Azohi, viyle prom za 1961 g. 100. Increasing coke yield by evidation of hydraulic tay. F. Gutevichev and others. Nefteper, i neftekulan. no 0 25-28 '66.

# TARBAGATAY RANGE-DIASPORE

Discovery of diaspore concictions in Devonian volcanic addimentary series of Tarbagatai Hange, L. N. Kotova, Daki, AN 555R 171 no. 4,983-965 D +66.

# TAUBAGATAY RANGE—PHONOLITE

Discovery of diaspore concretions in Devonian volcanic sedimentary series of Tarbagatay Range, L. N. Kotova, Dokl, AN 555R 171 no. 4 963-965 D 166.

# TARGETS (MILIPARY SCIENCE)

Automatic centrifugal coupling, A. Kalunskii, Voca, vett. 11 no. 6:116 Je 161.

#### TARTRATES

Fernary tartrate complex of iron and aluminum. 1. V. Plumitskii, f. M. Glushchenko. Ukr. kbim, zhu. 32 no. 11:1220-1221 *66.

# TARKHANKUT CAPE-VERTEBRATES, FOSSIL

A field of early Quaternary vertols aton on the Tarkhankul Pentorula and its significance for the paleogeography of the Crimea. P. D. Podgorodetskii. Izv Krym, otd. Geog. cb-va no. 0:31-44 '61.

# TARTU—HISTORY

[Pages from the history of Tariu] Lehekulgi Tartu ajaloost, [Tallinn] Eesti Raamat, 1964. 169 p. [In Estoniau]

# TASHKENT—BUILDING RESEARCH

Construction Institute (Tashkent), A.B. Ashrabov. 12v. ASIA no. 3-134-135 '61.

# TASHKENT—CITY PLANNING

in the center of Tashkont, V.A.Saverkin, Stroi, larkhit, I.en. 28 no. 12-18-19 D 108.

l eningradia gift to Tashkani, city of courage. Siroi. i arkhit. L.cn. 26 no. 7.21 J1 '66.

# TASHKENT—CONSTRUCTION INDUSTRY

Marcow helps Tashkent, T.Selivanov, Strot. I arkhit, Mosk, 15 no. 7:9 Jl 166.

# TASHKENT—EARTHQUAKES AND BUILDING

Engineering analysis of results of earthquake on April 28, 1956 in Tanhkont, 1.1, Bubis, Osn., fund, i mekh, grun. 6 no. 5:25-28 196.

Principal causes of building demage as a result of the Tankent on tiquake and some measures for climinating them. A. I. Martem lianov. Strot. 1 at khit. U.b. 7 no. 12:5-9 D [66].

Tashkent rises again. I. Tukalevskii. Strot, i arkhit. 15 no. i-39 Ju 187.

#### TASHKENT-FRUIT TREES

Characteristics of the development of generative budy of some fruit species in Tashkent Z. M. Pashchenko Nauch trud TashGU no 210 109-132 '62

#### TASHKENT-HISTORY

Akademila nauk Uzbekskol SSR. Institut istorii larkheo-logii [liistory of socialist Tashkent] Istoriia sotsiali-sticheskogo Tashkenta Tashkent, Fan Vol 2. [1941-1955] 1941-1965 gg 1966. 494 p

Nabley, R.N. [The Tashkent uprising of 1847 and its socioeconomic premises] Tashkentskoe vosstanie 1847 g. i ego sotsial'no-ekonomicheskie predposylki. Tashkent, Fan, 1966, 78 p.

#### TASHKENT-MACHINERY INDUSTRY-TECHNOLOGICAL INNOVATIONS

Products made by the people of frashbent at the Exhibition of the Achtevements of the National Feonomy. I Sabhibov, O khavioshkin, V Monakhov Inform biul. VDNikii no,1210-12 D '66

#### TASHKENT-POLITICS AND GOVERNMENT

Akademiia nauk Uzbekskol SSR. Institut istorii l arkheologii. [listory of socialist Tashkent] Istoriia sotsialistichekogo Tashkenta Tashkent, Fan. 1966 494 p.

#### TASHKENT-SPRINKLER PRIGATION

Effect of sprinkler irrigation on microclimate of city territory: D.M. Mendeleev. Stroit arkhit. Uzb. 7 no. 12:34-36 D 166.

# TASHKENT PROVINCE-COLLECTIVE FARMS-

International field of collective farm production in the zone of intigation farming. E.bapilinikov. Vop. ekon. no.1;

#### TASHKENT PROVINCE—COTTON GROWING

Intensification of collective farm production in the zone of irrigation farming. E.Sapil'nikov. Vop.ekon. no.l; 59-69 Ja 167.

# TASHKENT PROVINCE—QUARTZ

Mineralogy of quartz veins in upper Kulyuksay Valley. IU.S. Glinskii. Nauch krudy TashGU no. 234. Gcol. nauki no. 20:101-108 '64.

#### TASHKENT PROVINCE—RAILROADS

Today on the Tashkent main line, N. Kravchenko Nar, khoz, Uzb 3 no, 2;90-91 F '6i.

#### TASTE

Disorders in the gustatory analyzer and gastric secre-tion in the late period following traumatic lesions of the brain, Z.P Gurevich, [Frudy]GIDUV no. 4:163-174 *62

# TATAR A.S.S.R. -- FERTILIZERS AND MANURES

State of the agrochemical service in the Tatar A.S.S.R. Kh. Z. Ziiatdinov. Whim v sel. shor. 5 no. 1 56-58 Kh. Z. Zi Ja 167.

#### TATAR A.S.S.R. -FOREST SOILS

Agrophysical properties of light gray forest soils of the Tatar A. S. S. R. A. V. Koloskova. Pochvovedente no 3,42-52 My 160.

#### TATAR A.S.S.R. -GARNET

Garnets from rocks of crystalline basement of Tataria. B G. IAkoviev. Doki. AN SSSR 171 no. 4.966-969 D 166,

# TATAR A.S.S.R. — GEOLOGY, STRATIGRAPHIC Proterozole sediments of castern slope of northern done of Tatar Arch. V. V. Maskkin. Izv. vys. ueheb. zav., gool, i rav. 10 no. 1 22-20 Ja 167.

Textural characteristics of the terrigenous rock mass of the lower Carbonifer out in the Tater A.S.S.R. A. Demidova Bird, MOIP, Old geef 36 no 3;144-145 My-Je 61.

# TATAR A.S.S.R. -HISTORY

Zalialov, A.M., ed. [Problems of the history and literature of the peoples of the middle Volga Valloy] Voprosy istorii i literatury narodov Srednego Povolzh'ia; sbornik statol. Kazan, Akad nauk SSSR, 1965, 124 p. (Mil)

TATAR A.S.S.R. -- OIL RESERVOIR ENGINEERING Using head pressure to determine bottom pressure for wells in Tatar oilfields. A. A. Briskman. Nauch. -tekh. shor. po dob.nafti no. 3:91-95 % 50.

# TATAR A.S.S.R. -OIL WELL DRILLING

40045 meters well drilling completed in a year.

A. Rodkin. Neftlanik II no. 10 24-26 O *68.

TATAR A.S.S.R. —Oil, WELL DRILLING RIGS
Basis of success is large-block assembly, accurate
work organization. A. Voevoda, E. Gladkov. Nottlants
11 no. 10:22-24 O '66.

#### TATAR A.S.S.R.—OIL WELL PUMPS—HYDRAULIC DRIVING

Use of hydraulic pump units in oil fields of Tatar A. S. S.R. G. K. Alpatov, R. G. Vikhman, A. G. Latfullin. Mash. i neft. obor. no. 11:24-25 *56.

# TATAR A.S.S.R. -TILLAGE

Effect and aftereffect of deep subsurface tillage according to Mal'tsey's method on the entire microflora and to man-tsev's method on the entire microfiola and microbiological processes in gray folicit soils of the Tatar A.S. S. R. S. M. Samosova, L. T. Fattakhova, A. A. Munina, Trudy Kazan (il ANSSER Set. biol nauk. no 5 31-48 *60,

Effect of deep subsurface tillage of gray forest soils on nutrients and the yield of agricultural crops in the Tatar A S. S. R. P. S. Anodin, M. A. Korshunov Truc Kazan, fil. AN SSSR, Ser biol nauk no. 5.7-17. 160

Fifect of Mal'tsev*s tillage method on the soil fauna M. M. Aleinikova, N. M. Utrobina. Trudy Kasan fit AN SSSR Ser biol nauk no 5 19-28 *60

Resolution of the 2d Scientific Coordination Conference on Biological Foundations of Tilinge organized by the on Hological Foundations of Tilings organized by the Biological Institute of the Kazan Branch of the Academy of Sciences of the U S S R and the Department of Agricultural Research at the Ministry of Agriculture of the Tatar A, S S R on April 2, 1959 Trudy Kazan fil, AN SSSR, Ser biol nauk no. 5 59-71 160

Results of the investigation of Mailtsev's tillage methods at the Tatar Agricultural Experimental Station and on collective farms of the Republic. M I, Pavlov Tr Kazan, fil AN SSSR, Ser, biol, nauk no. 5:49-68 | 60

#### TATAR LITERATURE—HISTORY AND CRITICISM

Zalialov, A.M., ed. [Problems of the history and litera-ture of the peoples of the middle Volga Valley] Voprosy istorii i literatury narodov Srednego Povoizhi ja, sboinik statel, Kazan, Akad, nauk SSSR, 1965, 124 p. (MH)

#### TAUTOMERISM

Some features of lactam-lactim tautomerism of 6-by AN SSSR 172 no.1:118-121 Ja '67.

Study of tautomerism of ovo derivatives of N-heterocycles in vapors. E.S. Levin, G.N. Rodionova Dokl. AN SSSR 172 no. 3,607-610 Ja '67.

#### TAXICABS see subdivision under Moscow

# TAXICABS—DESIGN AND CONSTRUCTION

Taxicabs should have a new design. S Zavijalov. Avt. transp 40 no 6 38-39 Je 152.

What a taxicab should be like. A. Evdakov, O Filippov. Avt. transp. 40 no. 6.37-38 Je 162.

TAXICABS-MAINTENANCE AND REPAIR see subdivision under Tallinn

#### TAYMYR PENINSULA-CORAL, FOSSILS

Ordevicion Tabulata of Taymyr. Uch.zap. MIGA.Ser. "Palcont.i biostr." no.10:64-78 '65.

# TAYMYR PENINSULA—PEGMATITES

Optical and structural character is tice of the intermediate-maximal microcline-perthite from pegmatites of the Taymyr Peninsula, A.S. Marfunia, S.V. Rykova Trudy Min, muz, no. 12 230-234 61

# TAYMYR PENINSULA—PERTHITE CRYSTALS

Optical and structural characteristics of the intermediate-maximal microcline-perthite from pegmatites of the Taymyr Peninsula. A.S. Marfunin, S. V. Rykova. Trudy Min. muz. no. 12 230-234 161

TEACHER-STUDENT RELATIONSHIPS
(see also subdivision under Buigaria)
Strict Kindness, A. Monastyronko, Nar. obr. no. 2:4849 f '67

#### TEACHERS

A biography born of the October Revolution. T. Muravi-eva. Vech. ared, shi ola 9 no. 5:7-10 '66. The 50th year. Nar. obr. no. 1:2-6 Ja '67.

Our best people. Shkola i proizv. 10 no.10:9,14,20,25 O '66, Perrote, Aleksandra Aleksandravna, 1882-1966; an obituary. Nach, shkola 35 no. 2:05 F 167.

A school near Moscow, E. Krechetova, Nar. obr. no. 2: 20-27 F 161.

TEACHERS-BIOGRAPHY Our best people. Shkola i proizv. 10 no.12;24, 58, 57, D | | | |

# TEACHERS—OUT-OF-SCHOOL ACTIVITIES

The Eighth Congress of the CPSU and the drawing of teachers into mass political work in rural areas, N.G. Lipochkina. Sov. pedag. 31 no. 1422-132 Ja 167.

# TEACHERS, TRAINING OF

TEACHERS, TRAINING OF

(see also subdivision under Frunze; Kuybyshev
Province; Sverdiovsk Province)
Contemporary tasks of the training of teachers, I. Ogo odnikov. Nar. obr no. 123-29 Ja 167.

From the experience of checking the students! knowledge
V. A. Shilov. Sred. spets. obr. 13 no. 7:21-22 Jl 168
Pedagogical training of the teachers of special subjects.
M. J. Eretskii Sied. spets. obr. 13 no. 7:10-11 Jl 166.

Proposed curriculum of a course in educational theory for pedagogical institutes and universities. Sov. pedag. 31 no.1:36-59 Ja '67.

TEACHERS COLLEGE See subdivision under Lukovanov (Gotkly Province), Ossetia, North

Adop not the experience in regional atodics. I. I. Beskoro came to Vech sied, shkola @ no. 5:65-87 S-O 666.

I cannol or understood? I Bardin Scorba i shlota 22 no 117-19 Ja 267

Methodological societies at weil. A. I. Mel'nikova, G. A. Chepunati. Vech sied, abkola 9 no 5/21-24 3-0 'CL.

Pi, paraton assignments. S.P. Shepelev. Vech. sied. -hbola a no. 5:84 S-O 466

the problem of the entertaining presentation of educa-tional in strend | I Shapo-hailova, Nar obs. no. 2 88-90 | F. 667.

Some addice to beginning teachers A.D. Micro-ider no 174, 96 Ja 107

Strezirozin, V. P. [Organization of the process of teaching in school] Organizatistic protesses opuchenica v shkole, Moskva, Prosveshchenic, 1964—279 p.

#### TEACHING-AIDS AND DEVICES

III this the schools will receive G. Sapronoca Nar, obr., no 177-79 Ja '67

The contents of charts | V. Vortiankov | Shkola i | projzy | 10 | no | 12 80-81 | D | | 66

A device for the demonstration of the making of teeth N I Mirono, Sted.spets obt 13 no.7.53 Jl *66,

From the editor. Vech, sred, shkola 9 no. 3,59-61 My-Je

Holders for industrial wall sheets – L. N. Litsin – Sied spets ohi – 13 no. 7:32 – Jl  $\,^{1}66$ 

In our stud moons. I komannitskin har, obi no, le 74-76 fa '67

Nauchno-Issledovatel'skii institut pedagogiki, Minsk Use of technical aids in instruction in schools of general education, collection of reports, read at the Republic Scientific and Practical Conference in Minsk in 1954] Ispol'zovanie tekhnicheskikh sredsty v uchebnovospitateľ noi rabote obshchoob azovateľ noi shřoly, sbormk dokladov, prochitannykh na respublikanskoi nauchno-prakticheskoi konferentsii v g. Minske v 1964 g Pod red. N. 1965, 53 p. N.S. Molochko. Minek, Narodnala asveta,

Tape recorders and television in physics lessons. L. M. Chizh. Vech sred, shkola 9 no. 3:63-67 My-J. '66.

Technical means of instruction. IU P. Znamenskil. Vech, sred, shkola 9 no 361-63 My-Je '66,

Use of phonochrestomathies during reading feasons in the lat grade - M. I. Omorokova, N. V. Minolid, E. B. Minchuk - Nach shkola - 35 no 2 15-20 f. -67

Using a tape recorder in manual training instuction N. A. Chernenko Shkola i prozzy 10 no.12,22-33 D '66.

# TEACHING MACHINES—CONGRESSES

Seminar "Programmtrovannoe obuchenie i obuchaiushchie mashiny" (Reports of the Seminar "Programmed In-struction and Teaching Machines") Seminar "Program-mtrovannoe obuchenie i obuchaiushchie mashiny", (doklady] Kiev, Naukova dumka. No.4 1965, 114 p.

TECHNICAL ASSISTANCE, RUSSIAN see subdivision under

# TECHNICAL EDUCATION

(see also subdivision under Duepi opetrovsk, Hungary, Krasnoda, Territory, Moscow)

Conducting industrial excursions V, A, Kozin Shkola i proizv 10 no 12,26-27 D '66

Contacts with industry should be emphasized in the plann-Ena Sred spets obr. 13

quiz. B. I. Funt, Shkola

ent of the students knowls obr. 13 no 7:19-21

Teaching the adolescents to organize their work in a proper way IU. Z. Gilbukh Shkola i proizv. 10 no.12.13-17 D *66.

Training of the labor force for industry V. Belkin. Sots. trud. 12 no.1:27-34 Ja '67.

TECHNICAL EDUCATION-BIBLIOGRAPHY see Bibliography-Technical education

#### TECHNICAL LIBRARIES

For readers of literature on motor vehicles. Avt. transp, 45 no, 1 58 Ja 167,

# TECHNICAL SOCIETIES

(see also subdivision under Armenia)

Centennial of scientific technological societies. Stan. i mstr. 37 no. 12-36-37 D 166.

Centennial of scientific and technical societies in U.S.S.R. Azerb. neft. khoz. 45 no. fi-1-4 N 466.

Centennial of scientific and technical societies. N. V. IAkusheya, I. L. Cherniak Neft, khoz. 44 no. 11 60-63

Centennial of scientific and technological societies. IA, M, Sorin. Stand, i kach 30 no. 11:1-1i N 166

Centuminal of the scientific technological societies of the USSR Mart, rollin, prom 32 no 117-10 N 166 Hundreith annier says of scientific and technical societies A V Voltisco Mickle stron, 21 no. 12 4-5 D 166

100 years in the service of science. Prom. Mrm. 9 no 11 3-5 166.

One-hundredth anniversary of the Russian Technical Society V & Usenko Koch, other prom 8 no 11:1-5 N '66

One-hundredth anniversal v of the scientific technological societies of the U.S.R. A. V. Bedayi, L.P. Lepeshkin, Sakh, prom. H. no. 1,9-11. Ja. 167.

Reports and elections in the primary organizations of scientific and technological societies. N S. Fedotenko, I.V Belov Mashinostroitel no.1,1-2 Ja 67.

### TECHNOLOGICAL INNOVATIONS

(see also subdivision under Armonia, Irkutsk Province, Kirghizistan)

Activity of inventors and efficiency promoters on tank forms of Main Administration for the Supply and Marketing of Oll and Oll Products or Uka ainlan S. S. R. during the seven ven plan V. IA, Maceskii, M. I. Marde Neit 1982 prom. no. 6, 19 N-D '66

From technical periodicals. Biul, tekh, -ekon, inform Gos, nauch -issl inst nauch i tekh inform. 19 no 12-67-78 D *66

Innovator's propose. Transp. stroi. 16 no. 1.55 Ap 166.

Leningradskii politekhnicheskii institut. In the struggle for technological progress V bor'be za tekhnicheskii progress, sbornik statei. [Leningrad] Lenizdat, 1965.

Make way to the new and advanced, facts and figures. Agitator no 17 35-37 S  $^{-1}62$ 

ies developments in science and technology. Prom him, o no il 70-72 '66.

New developments in science and technology Pioni Bel, 10 no 163-61 Jul 167

New developments in science and technology. Prom. Bel. 10 no. 2 52 53 1 167.

Public inspection of the technological progress.

Gideoli., i lesokhim prom 15 no. 5 25 My 162.

Something about different things - Mashinostroitel no 1:

Soviet impovations in the machinery industry. Vest. mashinestr. 47 no 187 Ja 167.

This can be used in Your enter prise. Maghinostroitel' no 1.24-25 Ja '67.

#### TECHNOLOGISTS

Scientists and technologists. Shkola i proizv, 10 no.10-94 O 166

### TECHNOLOGISTS-BIOGRAPHY

Scientists and technologists. Shkola i proizv. 10 no.12; 87-89 D  $^{1}66$ .

#### TECHNOLOGY

Develop the creative initiative of the scientific and technological community. M. V. Pashkov Poligi proizv. no 1:7-8 Ja 163

R. Mary on some problems of technological progress under capitalism. S M Grigorian. Vop. ist KPS5 II no. 2,58-67 F '67

TECHNOLOGY-BIBLIOGRAPHY see Bibliography-Technology

### TECHNOLOGY-INFORMATION SERVICES

About "Biulleten' tekhniko-ekonomicheskor informatsii," Biul tekh -ekon, mform Gos nauch -issl inst nauch i tekh, inform 19 no, 12 3-4 D 486

Using technical information in standardization. T. A. Vvedenskii Stand, i kach 30 no. 11 50-53 N '66.

#### TECHNOLOGY-PHILOSOPHY

The Soviet public and some philosophical problems in industry, science, and technology, L. A. Peti uv, A. S. Makai ov, V. P. Politov, Trudy Irk, un. 38 no. 4 5-

#### TECHNOLOGY-SOCIETIES, ETC.

100 glorious years, M. Arbuzov, haizh torg, 17 no. il-

# TECHNOLOGY AND CIVILIZATION

Scientific and technological revolution: a criticism of bourgeois theories. I Dvorkin. Mir. ekon. i mezhduanr. etn. no. 2:51-63 '67.

Social consequences of scientific and technological revolution is capitalist countries N. Gauzner, Mir. ekoli mezhdunar. otn. no. i:19-32 '87. N. Gauzner, Mir. ekon.

#### TEKELI REGION (KAZAKHSTAN)-MINING INDUSTRY-SCHEDULING

Planning expansion of mine workings on the basis of network schedule graphs. F. N. Roginskii, V. M. Gulli, K. S. Rusanov. lzv.vys.ucheb.zav.; gor.zhur. 10 no.1; 41-47 '57.

#### TEKTITE

Vorob'ev. G. G. [What do you know about tektites?] Chto vy znacie o tektitakh. Moskva, Nauka, 1966, 109 p. (Nauchno-populiarnaia soriia)

# TELEGRAPH LINES-SAFETY MEASURES

Russia (U.S.S.R.) Komitet standartov, men 1 Lemented apply piller ov. [Protection of wire communication 5) artems from overvoltages and currents or ignating in their lines, regulations and schematical Zasuchia ustanove provodnoi sviazi of opasnykh napi lazhenii i trikov, voznikatushchikh na linitakh; pravila i skhemy. GOSI 3240-66, Izd. ofitstai'noe. Moskva [rd-vo Standartov, 1966]

#### TELEMETER (PHYSIOLOGICAL APPARATUS)

Simultaneous distant recording of temperature of different organs and tiesuce in large unim de. B. I. Kallyhor. V. I. Balmin. dei iol hur 52 no 12;1197-1500 D Th

#### TELEMETERING

Organization of telemetering of the total power of elec-tric power plants and loads of substations, 10 N, Ridell c and others. There, icks, no. 6 35-46 N D

System of telemetering regulatore, V. A. IUrchuk, A. L. Zlatin, G. S. Gerbhenson - Trudy NHGMP no. 15:12-70 166.

Telemetering and remote control on municipal gas 11 g-gulating centers P.P. Vodianik, Praisi Inst, vyk, guzu v kom hosp ta prom AN URSR 7,10-20 250.

Transducer of a pulse-time modulated telemotering wastem of sweep conversion using a rulation ship terimine. I A Nabley and others. Izv. vys. ucheb. z.v. : neft! i g :2 9 ոս.8:93-96 Գն.

Stable listological characteristics of fiver and other organs in bony fishes. N. I. Chigorley, N. V. Petropic lovskata. Dokl. AN SSSR 1/2 no. 1/203-205 Ja 46/

#### TELEPHONE, DIAL

Experimental system of electronic automatic telephone exchanges, V, V, Shtager. Elektronyinz? 91 no. 1 14 exchanges. 51 Ia '67.

#### TELEPHONE LINES

District communication without coil loaded values should be governed by standard regulations. I V Newtokati. Avtam, , telem 1 svirt 10 no H 22-23 N 466.

Nazar'ev, O. V., and IU. A. Parfonov. [Construction of the cable lines of rural telephone and wire breathasting systems] Strottel'stvo kabel'nykh linii sel'skol telefonnol svlazi i radiofikatsh. Moskva, Svinz', 1986. 92 p. (Biblioteka sel'akogo sviazista)

What a long-distance (all) and communication coble should be like. V. V. Gavi Hild, V. L. Katsalapenko Avtom., telem, i avtazi - 10 - no, 12-9-12 - D - 166

TELEPHONE LINES-MAINTENANCE AND REPAIR Method for the installation of a control valve M 1 Kiochko, Avtom., telem.i aviast 10 no. 12 to D tota

#### TELEPHONE LINES-SAFETY MEASURES

Russia (L.S.S.R.) Komitet standartor, mor i izmerkel'nykh priborov, (Protection of who communication ayatems from overvoltages and currents originating in the ir
lines, regulations and schematics! Zaslichita ustanovet
provodnoi sviazi of openykh naprinzhenii i tokov, voznikalushchikh na Ibilakh, pravita i skhemy, (GOST 523)66. Izd. ofitsial'noc. Moskva [izd-vo Standartov, 1966]

TELEPHONE STATIONS are subdivision under Poncing,

# TELEPHONE STATIONS-ELECTRONIC EQUIPMENT

Signating device for small automatic telephone exchangers. I. S. Malkis. Avtom., telem. i sviasi 10 no. 13-19-22 D 168.

#### TELESCOPE

Optimal discharge of the main telescope mirrors with a hole in the center. N. S. Samofal. Opt. - unckh. prom., 33 no. 12.23-29 D 166.

# TELESCOPE-ELECTRIC DRIVING

Principal problems concarning the automation of the elec-tric drives of farge telescopes. IV. A. Indian Obor-rab, po vop. elektronekh. no. 4467-473 460.

# TELESCOPE—ELECTRONE EQUIPMENT

Photoelectric system for the automatic control of telescopes. P. V. Nikotaev. Sbor, tab. po vop, elektromakh, no. 4:189-201-160.

# TELETSKOYE, LAKE

loganzon, B.G., and others. [Lake Teleiskoye] Teleiskoe ozero. Izd. 2., dop. [Barnaul] Aliaiskoe knizhosa izd-vo, 1966. 111 p.

# TELEVISION-RECEIVERS AND RECEPTION

The "Vecher" television receiver. R. Zabelin and others Radio no. 11,20-32 N 108

# TELEVISION—REPAIRING

Jakoobi, Eduard. [Television repair] Televiseorile korrasiamine. Tallinn, Valgus, 1905. 214 p. [In Estonian

#### WILEVISION CIRCUITS

symp of a pilot agnal for automatic correction of distributions, P M Loylov, Thektrosvias, 21 to 147-42, Ja 267

# TELEVISION IN EDUCATION

Tape recorders and television in physics lessons. I.M. Chizh Verl. nud. shkali 9 no. 163-67 My-Je 66. He a re or refevision in physics charses. G. Redto, Nor our no 2.64-65 1 67

#### TELLEVISION IN MEDICINE

Results of the clinical use of N-ray television L.Kh. Rubbin. Vest. rent. i rad. II no 603-II N-D 166.

(acc also autidivision under Almalyk Mountain)

Maximum melting curve of tellurium. S. M. Siishov, N. A. Tikhamati awa, I. 10. Tonkov, Pr. 3, virid Zhu, (Spiri, i tearet, fi., 1. no. 5.161-164 S. 5.66). Proceeds for the industrial extraction of selentium and tellurium from the hy-products of copier-molybdenam on t. V. M. Lebam, Trud, iMGRL, no. 1.245-245, 60

#### TELLURIUM-METALLURGY

Recovery of selenium and teliurum from the slimes of alfanic acid and paper pulp production by caking them with calcined stude, 1, A Souladkova, M.D. Ezeraltsvaln, Tsvet, met, 33 no, 3 55 59 Mr. 460

# TELLURIUM COMPOUNDS

Duter minution of tellurium (IV) in its molybdenic betirep.d.; compounds. V. F. Zukin ova. L. N. Simonova. Ve it. Mosk un Ser. 2; Khim. 21 no 6:115-117 N-D '66.

# JELLURIUM CRYSTALS

Magnetoresistance oscillations of tellurium. D.V. Mash-octi, 5, 5, Shahyt. Prof. vied. Zhur, clopersi troret. f(z. 1 no. 0:362-361 N 465

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#### TEMPERATURE-PHYSIOLOGICAL EFFECT

Piffect of temperature drop layer on zooplankton distribution in Caspian Sca. | F. G. Badalov. | Dokl. AN Azerb. | SSR | 22 | no.9,78-80 | 466

Liffect of the environment temperature on the skin temper state and the course of cutaneous leishmaniasis in gerbils Rhombomys opinius Licht and Meriones libyous Licht L. N. Elisecv. M. V. Strelkova pararchel 35 no 6.696-705 N-D 66 Med.paraz.i

Isolation and study of some properties of yeast growing at 40-45° L. G. Loginova. I. N. Postmorova. at 10-45° L.G. Loginova, I.N. Pozmogova, L.M. Sciegina, Mikrobiologika 35 no.6 1024-1027 N-D ¹66

Pathomorphology of some hypothalamic nuclei in rats following thermologulatory shifts, V.D. Zhaiskaia, P.F. Oksova, Alkh, anat., gist i embr. 51 no. 12:16-51 D '66.

#### TEMPERATURE FIELDS

Temperature conditions for the vork of mandrels of initial picroing, G. V. Zhamici ashvili. F. N. Tavadze. L. N. Oklei. Soob. AN. Gruz. 55R. 44, no. 3:679-686 D. 66

#### TEMPERATURE REGULATORS

Contactless control chains with somiconducting elements for the automation of electric heating installations, I, Kuchiawsev, A Manylan, Tekh. v sell-hoz, 26 no 12 31-31 D 166

Priot regulators. V.S. Uzhanskii, Khol tekh. 43 no. 12-

11-48 D '66.
Tayroy, IA. M. [Reform on 33 Mironovskaya Street, on the new developments in the work of the Moscow Plant of Thermal Automatic Control Equipment] Reforms na Mironovskol, 33, o novom v rabote Moskovskogo zavoda teplovol avtomatiki Moskva, Politizdat, 1966.

Temperature check in thrust beatings of hydrogenerators \ E.Aleksandrov Elek sta 33 no 344-47 Mr 162

Using high-strength cold drawn wire without low temperature tempering. A A Litvinov, R L Shumeiko, Staff 21 no. H 1043-1014 N 161

#### TEMPORAL BONE --- TUMORS

Osteofibroma of the temporal bone, M.I.Sutin. Zhur ush., nos. i garl bol 19 no. 6'72-73 N-D '59

# TEMPOROMANDIBULAR JOINT—RADIOGRAPHY

X-ray examination of the temporomandibular joint by means of an image converter tube. G.G. Shamaeva, N.A. Rabukhina. Vest. rent. i rad. Il no. 6-41-41 N-D '86.

#### TENGIZ LAKE REGION-TITANIUM

litanium in granitoids of Sarysu-Tengiz watershed, R.N. Soboley, M.M. Chelhovskikh. Vest. Mosk un. Ser. 1 Geol 21 no 6-51-56 N-D 188.

Korbut, E.V. (Tennis tactles) Taktika tennisa Mo-skva, Fizkulitora i sport, 1966—111 p

# TENSIOMETRY

Results of tensiometric measurements of KS5hCh conveyor-plow units. 1 F. Nikolaev, A. E. Taragenko, Mashi olon, dita mekh, i aytomatiz, trud prots, v ugoli prom. no 2:259-266 165

# TENSIOMETRY—EQUIPMENT AND SUPPLIES

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A. Sh. Katanel'son. Shor, nauch, trud. PNIUI no. 10:128-

TENT CATERPILLARS see subdivision under Gorkly Province

# TEODORCHIK, KAZIMER FRANTSEVICH, 1891-

Kazimir Frantsevich Teodorchik; on his 75th bli thday. Vest. Mosk un-Ser. 3; Fiz., astron. 21 no.6;115-117 N-D '68.

# TERBIUM BOTOPES-DECAY

Studying 152 To radiation. K. IA. Gromov and others. (zv. AN SSSR Ser. fiz. 31 no. 1;154-170 Ja 167.

# TEREK DELTA-SOLONCHAK SOILS

Leaching of clay suifate Solonchak soils in Terek Delta, Al' Dagestant Zeid, Vest, Mosk, un. Ser, 6 Biol., pochv. 21 no. 5102-111 S-O '68,

Leaching of Solonchalt solis in Torok Delta, V.E.Korenev-skala and ethers. Vest, Mosk, un. Ser. 6: Biol., pochv. 4 no. 5:91-101 S-O 166.

# TEREK VALLEY-LAND TENURE

TEREK VALLEY—LAND TENURE

Glov, M.J. [Efforts of the Bolsheviks of the Terek Valley to Solve the agrarian question in the period of the victory of the socialist revolution and establishment of the Soviet regime, March 1917-February 1919]

Bor'ba bol'shevikov Tereka za razrestenie agrarnogo voprosa v period pobedy solsialisticheskoi revolutisti i ustanovientia Sovetskoe vlasi (mart 1917- fevral' 1919 gg.), Ordzhonikidze, 1936. 173 p.

#### TEREK VALLEY-SOIL MOISTURE

Physical evaporation of moisture from sands and sands soils N F Kulik Puch-ovedenir no 4 103-107 \p 160

# TEREPHTHALAMIDE, EFFECT OF TEMPERATURE

Thei mal and thermal oxidative destruction of polyterephthalamides O IA, Fedotova, M. L. Kerber, B. M. Kovarskaia, Plast massy no. 114-16-167

#### TEREPHTHALIC ACID

Effect of catalytic additions on disproportionation of potassium benzoate A. Z. Bikbulov R. N. Khleskin, V. Kh. Khimacv. Izu vie, ucheb zav. khim. i khim. tekh. 9 no 5:841-843 '66

# TERNOPOL' PROVINCE—CANNING ENDUSTRY

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The Great October Socialist Revolution and the struggic against the terrorist acts of the White Guards. G. Anasidan, Sots, zakon no 2 9-15 \( \Gamma \) '67.

Cytochemical study of testes in fish Report No 2 Li-N. A. Butskaia, Arkh anat gist rembi 51

# TESTICLE-WOUNDS AND INJURIES

Participation of the epithelium of rete testis in the process of repurative regeneration of the tests in guinea pigs S.S. Raitsina Biul.eksp.biol 1 med 63 no 1:

Mothol for rapid tests, A.D. Levitanus, Stand, I Fach, 30 no. 11 33-56 13 166

Mozgalevskii, A.V., and others, [Automatic flaw detection] Avformaticheskii polsk nelspravnostel, Pod ied. A.V. Mozgalevskogo, Leningiad, Mashinostroenie, 1067, 262 p.

#### TESTING MACHINES

Defectoscope quality remains low, G. P. Strigin and others. Put's put khoz. 10 no 10 34 466

Effect of testosterone propionate and methylandrostane-diol on the secretory capacity of the adienal glands in rats T S Sakhatskaia Problemdok i gorm 8 no 6 12-17 N-D 162.

#### TETANUS

Continuous inhibition of monosynaptic refractory discharges of motoneutons of fictors and deflexors in cats with local tetanus. A, D, Ado, G V, Burlalov, IU, S, Sverdiov. Doki, AN SSSR 187 no. 2 478-481 Mr 186

# TETANUS ANTITOXIN

Stable cryth ocyte diagnosticum for detecting tetanus and diphthe it a materials and their authorities. M. I. Levi, G. A. Fomenko, F. E. Kravtsov. Zhur, mikrobiol., epid, i unnum. 44 no. 1133-136 Ja. 167.

1 immun 44 no. i 135-136 Ja '67 Study of physicochemical properties of purified tetants anatoxin obtained from native preparations depending on varying periods of detoxication, IU A khaykin and others, Zhu, mikrobiol., epid, i immun. 44 no. i 112-117 Ja '67. others, Zhu 117 Ja '67.

TETRACORALLA see subdivision under Nevaya Zemlya

Distribution of tetracveline and oxytetracycline in the body of kittens with experimental dysentery K.V. Klimov. Antibiotiki 12 no 169-72 Ja *67.

# TETRACYCLINE...THERAPEUTE USE

Therapeutic effectiveness of tetracyclines in dysentery depending on the method of their introduction and sensitivity of the dightherial bacteria K V, Klimov Sov med. 30 vo.1.90-92 Ja '67.

# TETRALOGY OF FALLOT

Atypical (extracardiac) stenosis of pulmonary artery in the clinical picture of tetralogy of Fallot. F. V. Ballinzek, A. G. Pilipenko, T. V. Palamarchuk. Grud. khr. 9 no.1612-113 Ja-F 167.

# TETRAZOLE

Some tetrazolo (1,5-b)- and s-triazolo (4, 3-b) pyridazines and their infrared spectral characteristics. LB Lundina, IU. N. Sheinker, LIA. Postovskii. Izv. AN SSSR. Ser. khim. no 1-66-70 Ja 167.

#### DEATHER LANGES

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11 ermolysis of anhydrous perchlorates of aluminum. 5 candium, with fun, and lanthanum M.M. Bel'kova, I A.I.Chreenko, V.V. Screhrennkov Trudy IGU 185:146-150 '65

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#### THERMAL STRESSES

Firstic-plastic deformation of the PI-437B alloy in con-rection with the moderations. S. V. Serenson, P. I. Kotov, Taplocnergetika, 7, no 8,60-66. Ag [60].

I stimuting their more institutioners of a ocks in walls of no 10:10-15 O '66.

12 rate deformations caused by multiple uneven heatings 1 I Fridman. Proch i din, av. dvig. no. 3 80-100 '66. Stand for studying the thermal strength of materials. I G Val'ter. Unerganashinostroenic 12 no. 11 18 27 '66

Stream state of an orthon opic strip caused by a concentrated heat neuroe — A I Uzdalev. Prild mekh = 2 = 1.0-12;100-115  $^{-1}66$ 

Thermal stresses caused by a heat source on the side of a recliffment wedge, V. M. Khorol'skii, Inzh. -fiz, zhut. Il no. 1,721-72 | 1 | 66

Thermal streeness in plates subjected to the effect of puritosite variations of heat. Report No. 1. N. I IAIvol, I. S. Reshetniak, N. IU. Latts, Izv. vys. ucheb. zuv., chain, met. 10. no. 1175-178. 467.

The moclastoplastic attesses in cosing and coment sheathing of producing wells. T. B. Molachikhanov, G. A. M. taev. 1. L. Padyn – Liv.vys.uchob.zav.; neft i gaz 9

#### THERMAL STRESSES -- MODELS

Studying thermal streams in ingot mold walls with use of models. A. V. Kuksa. Izv. vys. ucheb. zav., chern. suct. 10. no. 150-51 '67.

THERMAL WATERS see subdivision under Paratunka Valley

#### THE REMISTORS—STANDARDS

Russia (U.S. S. R.) Gosudarstvennyl komitet standartov, mer I Izraci Hel'nykh priborov, Thermistersj Termo-rezislovy, GOST 10086-03. Izd. offalthoo. Moskva [Ld-vo Standartov] 1961, 19 p. (SSSR. Gosudarstvennyt standnit)

#### THERMOCHEMISTRY

1 this opy of molecules as an additive value of bond entropy, M. P. Mullava, V. U. Shevchuk, Dokt. AN SSSR 171 110, 6:1369-1372 D '66.

Formation of coordination compounds in binary systems askall inetal halide - d-element halide, D. V. Korol'kov, A. I. Ffinov. Probl. sovi. khim, koord, uoed, no. h215-247 [66].

flering-heralesi study of uranium totrafluorido crystai Lydrates and products of their dohydration. IU, V Ga_[Al] inskit, E. I. Khannev, Zhur, neor g, khim, 13 10., 3.111-115 Ja⁻¹67,

Thermochemistry of binary systems. Part 1: Systems tributyl phosphate - diluent. IU. A. Afonas ev. A. V. Tholacy. T. I. Koroleyn. Radiokhimita no. 6:696-690 66.

Thermochemistry of binary systems. Part 2; Systems tributyl phosphate - solvate. IV. A. Afanas'ev and others. Rudickhimiis 80.6;699-702 '66.

Thermochemistry of binary systems. Part 3; Systems nitric acid - extraction agent. IU. A, Afanas ov. A. V. Nikolaev. V. B. Dunssov. Radiokhimita no. 6:702-705

#### THERMODYNAMICS

Comments on N. M. Kuznetsov and V. N. Oloinkis article: "Using the theory of thermodynamic similitude in general title ing experimental data of heat transfer of bolling organic licat carliers," A. V. Chechetkin, Inch. - fiv. 2 hur. II no. 6:632-833 D 166.

Cas dynamics pracesses during the heating of a substance by laser radiation. IU, V. Afanas ev and others. Prikl, mat. I makb. 30 no. 61022-1020 N-D 166,

Interrelation between the thermal properties of condensed substances and the propagation velocity of longitudinal found waves. B. N. Oak betta. Toploiz, vys. temp. 4 nr. 61821-826 N-D 166

Problems of low-temperature power engineering. L. M. Rozenford. Izv. AN SSSR, Energ. i transp. no. 6:04-96 N-D 60.

16 N-11 '69.

Relation between the inskie temperatures of bodies heated by radiation. V.V. Ivanov. V.V. Salomatov. Izv. vys. ucheb. zav.; ffz. 0 no.6:46-49 '66.

Thermodynamic functions of distormic gases with the molecules in the 32 electron state. G.N. Iurkov. Teplofiz. vys. temp. 4 no.6:794-800 N-1 '66.

Use of approximate thermodynamic similitude for an shalylic description of the proporties of real gases hased on limited experimental data. IA. Z. Kazavohin-skii. Doki. AN SSSR 171 no. 4:808-900 D 186.

# THERMODYNAMICS-CONGRESSES

All-Union Conference on the Thermophysical Proporties of Substances at High Temperatures. V.F. Batbuz. Teploitz. vys. temp. 4 no. 6:888-889 N-D 166.

Sibetian Thermophysical Seminar, O N Britkhanov Gaz, prom. 11 no 12 48 *66

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Magnetoelectric thei mometers, IU, Borovskikh, A Mell-nikov, L. Shvalb, Avt. transp. 45 no. i.43-45 Ja 167

Semiconductor numbered thermometer. B. Martens, N. Petrova. Febb. v sel'khoz. 27 no. 1:71-76 '67.

Temperature indicator using an irradiated ruby, V.D. Dobi oklotov and others. Energomoshinostroenic 12 no.11,44-46 N '66

Temperature measurements in the testing of marine steam turbines. M. A. Nakhimovskii. Inform shor. TSMIMT no.166. Tekh ekspl. mor. flota no.46.60-57

#### THERMOPILES

Thermonile for air conditioning, IU, N. TSvetkov. Khol. tekh. 43 no 12-15-17 D '66

#### THERMOPLASTICS

Clerestories of organic glass. V. Drozdov and others. Arkhit, SSSR. no. 1.57-60 '67,

Polysulfone, a new constructional thermoplastic material V. V. Lapshin. Plast, massy no. 171-78 '87.

### THERMOPLASTICS-MOLDING

Determination of the molding properties of the FVKh phastic L. G. Plotnikova. Kozh robuv prom 8 no 12: 17-20 D *66.

Effect of the injection timing on the physical and mechanical properties of thermoplastics V. V. Abramov, I. F. Kanavets. Plast, massy no. 1, 36-39 167.

### THERMOSETTING PLASTICS

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# THERMOSETTING PLASTICS-MOLDING

Molding body parts of thermoseiting plastics. S.I. TSime. khman Biul, tekh. -ekon inform Gos nauch -is inst, nauch, i tekh, inform. 19 no. 11 3-4 N '66.

Electric thermostat with a tubular heater, E.N. Bushmelev. Biul tekh -ekon inform. Gos. nauch -isel inst nauch. i tekh. inform. 19 no. 11.58-59 N '66

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Thinmine and lipid metabolism. IU, M. Astrouski. Vestsi AN BSSR, Ser. biiel. nav. no. 3:79-86 466

# THICKNESS MEASUREMENT

Determining parameters for setting up the system of automatic control of strip thickness in finishing stands of continuous hot rolling mills. V. M. Burdon, D. A. Molgachev. Shor, trud, TSNHCHM no. 44: 32-48 '66.

A high-frequency method for contactiess measurement of coal band thickness. G R. Nosov. Gor, etcktromokh. i nvtom no. 1:52-61 | 65.

Portable ultrasonic pulse thickness measuring device operating on semiconductors, IU, A, Nechaev, I. N. Ermolov, Defektoskopita 2 no, 6:10-15 '66.

Studying the 2500 continuous hot rolling sheet shill of Magnitogorsk Metallurgical Combine with a rice to determine parameters for the system of automatic thickness regulation. V. M. Burdin. D. V. Molgachev, R. A. Frubnikov. Shot fluid. TSMICHM no. 1115-41-66.

Theoretical study of basic relations of the electroneoustic circuit of a resonance thickness measuring device. V.S. Grebeinik. I N. Ermolov. Defeltoskopna 2 no. 5:12-25 '68

#### THIN LAYER CHROMATOGRAPHY

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Interaction of 2-methyl-2-methylol-1, 3-die clane with mercaptans. A S. Ata-in and others. Izv. AN SSSR. Sci. I him no 12 2225-2227 '66.

Photocolorimetric determination of mercapians by means of 2. 4 dintrolluorobanzene S. I. Ctemperanskafa. IU. N. Tikhonov. Vest. Mosk un Ser 2: Khim 21 no.6: 95-98 N-D 456.

Structural and steric directivity of reactions of nucleophilic addition of thiols to winvlacetylene. V N. Petrov, G. M. Andrianova, E. N. Pritezhaeva. Izv. AN SSSR. Ser. khim no. 12,2180-2188 | 66.

#### THIOPHENE

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### TRORACIC ARTERY-LIGATURE

Our objections to the surgical treatment of chionic coronary insufficiency by bilateral ligation of the internal thoracic arteries. E N. Meshukin and others. Kandiologiia 3 no.177-82 Jan -T '63.

#### THORTIM

Electrolytic separation of lead and thorum. K. N. Bagdasarov, A.A. Starodubskaia, Izv.vvs. ucheb. 2av, khim, i khim, tekh 9 no 5.705-708 '66,

#### THORIUM ALLOYS—METALLOGRAPHY

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# THORIUM SALTS

Emanation-thermal study of thorium formate, acetate, propionate, and butyrate. R. Tetner, K. B. Zaborenko. Vest. Mosk un Ser. 2; Khim. 21 no. 6;54-58 N-D '66.

# THOUGHT AND THINKING

Ardentov, B.P. [Thought and language] Mysl' i lazyk. Kishinev, Kartia Moldoveniaske, 1965, 85 p.

Disorders of thinking and speech in schizophrenia and their pathophysiological basis. K. l. Koshkareva. Trudy Gos. nauch. -issl, inst. psikh 25.45-56 '61. An important quality of the mind, S. Versler. Nar. obr. no 152-54 Ja '67.

Our classes in thinking, R. Zaza, Nar. obr. no. 145-52 Ja 187.

The theory of the stage-by-stage development of mental actions and the question of the development of thinking. N.F. Talysina. Sov.pedag. 31 no.1:28-33 Ja '67.

"A thought is only food for new thoughts," A.Spirkin. Mol. komm. no 10:69-76 '66.

# THOUGHT TRANSFERENCE

Telepathy, hypothesis and observation 1. M. Kogan, Radiotekhnika 27 no. i:95-99 Ja 167,

# THRESHING MACHINES

Increasing the efficiency of a beater-type threshing machine, K. Kolganov, P. Shabanov, Tekh. v sel'khoz. 26 no. 12:78-80 D '66.
The MK-15 thresher, A. Markin, V. Pugovkin, Tekh. v sel'khoz. 27 no. 1,38 '67.

#### THROAT-DISEASES

Present-day principles of the prevention and freatment of engine and chronic forsillitis. B. S. Preobrathenshi, Zhon, ush, cos. 1 g.ml. bol., 10, no. 6,3-12, N-D, 159.

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#### THYROXINE

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Effect of thyroxine on motility of nervous processes and bioelectrical activity of brain. U.A. Adamovich-Herr-simin. Vestsi AN BSSR Ser birat niv. no. 1.97-102.166

#### TIBIA-DISEASES

Exercise therapy in estenmielitis of the shinbones, V.P. Zubynin Shor nauch rab Azovo-Cher mat, mekh sell-knoz no 14 108-123 158.

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nests \ 1882 '65.

# TIDAL WAVES

Teunamis IU Mckecev, Az i Afr seg. 10 no 1 10-12

#### TIEN SHAN-AERONAUTICS IN METEOROLOGY

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#### TIEN SHAN-ALASKITE

Crystallization of alaskites from Karakul'dzimi Valley (central Tien phan). A. B. Vistelius. Dokl. AN SSSR 172 no 1:165-167 Ja '67

### TIEN SHAN—ATMOSPHERE

Atmospheric turbidity based on observations from heli-copter in picdmonts and mountains of western spurs of Then Shau O A Hapina, IU, N Ogol', N, N Romanov, Trudy GGO no. 189,154-159 '68.

# TIEN SHAN-WEATHERING

Ancient weathering surface in roof of Lake Cambi ian upper teallitelike rocks of Tien Shan. M. M. Adyshev. V. V. Shabalin. K. E. Kalmu zaev Dokl. AN SSSR 172 no 1-157-160 Ja '67.

### TIFLE RESERVOR—FISHES

Development of ichthyofauna in Tiflis Reservoir. M.G. Demetrashvili. Soch. AN Guz. SSR 44 no. 3:735-740 D '66.

# TIGIL' DISTRICT-NAMES, GEOGRAPHICAL

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# TIKHONOV, NIKOLAI SEMENOVICII, 1896-

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# TILES, ROOFING

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(see also subdivision under Tatar A.S.S.R.)

Extent of soil erosion depending on the method of soil tillage. V. F. Trushin. Pochvovedenie no 4:107-113 Ap *60,

Large contour tillage of soits. I.Zagrebaev. Zemledelie 29 no 114-16 Jo '67.

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#### TIMAN RANGE—PALEOGEOGRAPHY

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#### TIME AND ECONOMIC RUACTIONS

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#### TIME MEASUREMENTS

Results of timed observations relative to the operation of 14KRI and 25KR2 electric mme locomotives in courbet co of Krivoy Rog Basin mines — A. A. Rengevich, M. K. Mekheda, G. IA, Kudelia. Gor, elekt2 omekh, i avtore no, 1:76-81 165,

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# TRADENTES, 1748-1792

Ignat'ev, O.K. Tiradentis. [Moskva] Molodaia gvardita, 1966. 171 p. (Zhizn' zamechatel'nykh fludel, Sorita biografit, no.10(425))

# TIRASPOL' (MOLDAVIA)—CANNING INDUSTRY

A high reward obliges one to work even better, V.P. Veteiko, Kons i ov prom 21 m, 12-1-2 ij '56,

TIRASPOL' DISTRICT-ELEPHANTS, FOSSIL

Remains of elephant from Karagash quarry. A. I. Pavis. Izv. AN Mold. SSR no. 8:7-9 '65

# TRASPOL' DISTRICT-GASTROPODA, FOSSII.

Find of shells of Molanopyis imprensa Krunss. (Mollanca Gastropoda) in Sarmatian sediments in southern part of (dalicia Bay. V. Kh. Roshka. Izv. AN Mold. SSR no 8. 28-33 65.

### TIRE INDUSTRY

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Basic problems in the development of the tire industry in the current five-year plan (1986 - 1970). A. N. Zheret, tsov. A. V Susliakov, M. IA. Gothatov. Kauch, i res. 26 no 1:2-4 167.

#### TIRE INDUSTRY (Continued)

Ragulia, V.V. [Technology of the manufacture] Tekhno-Ala ahinnogo protzvodstva. Moakva, Vysahala ahkola, 1966 202 p.

#### TRES, RUBBER

Cak niztion of the lateral deformation of "P" type heavydaty 11165 V N Prashchikm, Kauch Lucz, 25 no 12

FRect of the structural parameters on the resistance against lateral deformation of our times—B IUnkovskii Kunturtee – 25 no. 12, 35-37-460

#### TIRES, RUBBER-MAINTENANCE AND REPAIR

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#### TESUF MUTABOLISM

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filectionical characteristics of hydroconidase of an armed thesia. A.A. Barv. Dokt. AN SSSR 179 10.4720-772 Jan 167.

Stable libration calcium actoristics of liver and other organs in hony fisher. N. I. Grigor by, M. V. Petropay-lessina. Dokt. AN SSR 172 no 1;203-205 Ja b7.

#### MUINATET

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# TITANIUM—CORROSION

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Stadying the mechanism of the protective action of nitric soil additions on titanhum in sulfacte acid nolations. V.V. Andreeva, I. A. IAkovieva, Zasheh, met. 3 no.1; 55-61 3n-1 '07.

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# TITANIUM ALLOYS—HARDENING

Hiert of annealing and vibratory lumbling on the strength of parts made of OT's I thankun alloy after grinding, I. IA, is of envelse it, V. J. TSygak, R. A. Semenov. Tekh. 1 org profev. no. 8-81-96 N-D '66.

Simultaneous effect of plastic deformation and aging on absulture and properties of TS6 titantum alloy. R. M. Lerianean and others. Fiz.met.i metalloved. 22 no 4:501-597 O '66.

#### TIPANIUM ALLOYS—METALLOGRAPHY

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Michanism of chlorination of trianium diovide with chlorine in the presence of carbon. G. V. Settakov and others. Zhur neorg, khim. 12 no. 18-14 Ja. 167.

#### TITANIUM OXIDES-OPTICAL PROPERTIES

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# TOLSTOI, LEV NIKOLAEVICH, 1828-1910

Lehedova, V.A. [Telstoi and children] Tolstoi i deti, Tula, Priekskoe kulzhnoe izd-vo, 1965. 47 p.

Natasha Rostova; a study of the heroine of "Wat and peace," F.V. Krasnov Nauch, dokl. vys. shkoly, filol, naukl 5 no 1:118-128 [62].

#### TOLSTOI, LEV NIKOLAEVICH, 1828-1910-AESTHETICS

Babaev, E.G. [Tolstoi on art] Tolstoi ob iskusstve, Tula, Priokskoe knizhnoe izd-vo, 1966, 47 p.

#### TOLSTOI, LEV NIKOLADVICH, 1828-1910-HOMES AND HAUNTS

Dol'shakov, L.N. [Lev Tolstoi; researches and finds] Lev Tolstoi, poiski i nakhodki [Chollabinsk] Rizhno-Ural'skoe knizhace izd-vo, 1984 101 p

Block copolymerization of isopropenyltoluene and styrene. R. G. Ismailov and others. Dokl. AN Azerb. SSR 22 no. 9:20-24 166.

Mass spectrometric study of toluene transformations on palladium tape, V. M. Griaznov, A. Sanches, K. Mal'-donado, Dokl. AN SSSR 171 no. 6;1358-1360 D '56.

Reactions of ¹⁴C recoil atoms in mixtures a-picoline-toluone. L. P. Firsova. Vest. Mosk. un. Ser. 2; Khim. 21 no. 6:105-106 N-D '66.

# TOLYL DISULFIDE CRYSTALS

Refinement of the crystalline structure of diparatolyl disulphtle. L. G. Vorentsova, Z. V. Zvonkova, G. S. Zhdanov. Dokl. AN SSSR 172 no. 3.584-587 Ja 167.

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#### TOMATOES-RESEARCH

Apparatus for determining the resistance of tomato finits to mechanical injuries R. Kh. Bekor, B. V. Kvasnikov, A. I. Zaltsev Vest sel'khoz nauki 11 no 12 97-100

TOMATOES, CANNED System of chemical and technological control in the production of concentrated tomato products M.G Zago-tenko Kons, i ov., prom 22 no 1 30-41 Ja '67

#### TOMME, MIKHAIL FEDOROVICH, 1896-

70th birthnay of Connesponding Member of the All-Union Academy of Agricultural Sciences Mikhall Fedor ovich Tumme L. Fitina. Vest. sel'khoz nauki il no 12 124

#### TOMSK-ALCOHOLISM-TREATMENT

Some data on chronic alcoholism in the period 1948-1957 according to materials of the Tomak Ps, choneurological Hospital, S, M Beliaev, S, A, Koreneva, D, A, Kolykhalova Trudy Gos nauch, -issl, inst psikh, 28-370-379 16L

TOMSK—ENCEPHALITS, EPIDEMIC

Mental disorders in tick-borne encephalitis according to materials collected in Tomsk, 1948-1958

A. A. Perellman, E. K. Dubovsteva Tudy Gus, nauch - issi inst psikh, 25:149-153 [6]

#### TOMSK-ENCEPHALITIS, EPIDEMIC-PREVENTION

Characteristics of the Tomsk focus of tick-borne enecphalitis and measures for its sanitation S.P. Karpov Trudy Gos nauch -issl, met psikh, 26 175-181 *61

#### TOMSK-MENTAL ILLNESS

Mental disorders in tick-boi ne encephalitis according to materials collected in Tomsk, 1948-1958. A. A. Pereir-man, E. K. Dubovisera. Trudy Gos. nauch -issl. inst. pcikh 26:149-153 161.

#### TOMSK-PSYCHIATRIC HOSPITALS

50 years of the Tomsk Psychoneurological Respital (1908 - 1958). Z. L. Cheredova Trudy Gos, nauch. -issl, inst psikh 26:393-401 '61.

#### TOMSK-STRONGYLOIDIASIS

Strongifoidiasis in the Tomsk Psychoneurological Hospital, N N Petrova, Trudy Gos, nauch -issl. inst. psikh, 26 305 306 161.

#### TOMSK GOVERNMENT-AGRICULTURAL POLICY

Agricultural policy of the prerevolutionary government an Western Siberia in the late 19th and early 20th centuries; based on the materials of the Tomsk Govern-ment L G Sukhotnaa, Trudy TGU 158.81-73 465

#### TOMSK GOVERNMENT-REVOLUTION, 1917-1921

Role of peasant congresses in the establishment of Soviet rule in the rural areas of the Altai and Tomsk govern-ments. G A kordonskii. Trudy TGU 158 113-124 165

# TOMSK PROVINCE-NEUROPSYCHIATRY

State of psychoneurological outpatient service in Tomsk Province. Sh Sh, Bogoudinova Trudy Gos, nauch, issl, inst, psikh 26 454-456 [6]

# TOMSK PROVINCE-SHEEP

Version of the unprofitableness of sheep taising failms, N. Potseluev. Zakup sel'khoz, prod. no il 42-43 N

TONGUE Intralingual administration of drugs. A.G. Pankov Sov. mcd 29 no.10-56-60 O '86

# TONGIE -- CANCER

Stable recovery from cancer of the tongue complicated by radiation necrosis of the mandible. V. V. Akulinicheva. Med. rad. 12 no. 1:31-35 Ja 167.

# TONSH S.--DISEASES

Arterial dystonia and chronic tonsillitis R.S. Ivanov. A. K. Listopad Trudy LPMI 37:39-47 '65.

Lesions of the heart in chronic tonsillitis. R.S. Ivanov. IA. G. Ioife. Trudy LPM 37.48-55 [65. Observations on patients with cardiotonsillar syndi ome S.I. Lilenko. Trudy LPM 37:146-154 '65.

Plothysmographic observations in tonsillogenic intoxication. R.S. Ivanov. Trudy LPMI 37:57-64 '65.

Present-day principles of the prevention and treatment of angina and chronic tonsillitis, B.S. Preobrazhenskii, Zhur, ush., nos. 1 gorl bol. 19 no. 6 3-12 N-D 159

Some problems of the clinical aspects and etiology of the diencephalic syndrome, V.IA Vissova, Trudy Turk, nauch. -(ss), inst. klim., kur.) fiz, metod lech, 8:84-105

#### TONSILS-SURGERY

Acute edema of the lungs following tonsillectomy A I Shutor Zhur ush , nos i goil bol 10 no 4 75 Jl-Ag

Effect of tonsillectomy on functional changes in the cal diovascular system in children E N Ivanova Zhur, ush , nos i gorl bol 19 no 6 23-27 N-D '59

Hemorrhages following tonsillectomy M 1. Garshin Zhui ush ,nos i gorl tol 19 no 6 36-40 N-D '59

Late results of tonsillectomy in children with rheumatic fever O G Solomatica, S M Levina, R D Bogomili-skii Zhui ush nos i gorl bol 19 no 6 18-22 N-D

Tonsillectomy in patients with neurocirculatory dystonia IU.B.Gal'perin, IU I.Fishson-Ryss Zhur ush ,nos i gorl bol 10 no 6 32-36 N-D 59

TOOL AND DIE INDUSTRY-MANAGEMENT see subdivision under Latvia, Moscow

# TOOL STEEL METALLOGRAPHY

Martensite transformation of medium and high-alloy tool steel G, A Oding 12v vys uchch, zav., chein, met 10 no 1 134-137 '67

# TOOL STEEL-TESTING

Using the method of end test in inspecting the hardenability of tool steel, E I Malinkina, V N Lomakin Stand 1 kach, 30 no 9 46-48 S '66

#### TOOL STEEL-THERMAL PROPERTIES

Methods of determining the red hardness of high-speed alloys V A. Brostrem, IU A Geller, M G Lozinskii Izv vys. ucheb zav , chern, met. 10 no 1112-145 '67

#### TOOLS

Cutting, measuring, and auxiliary tools, Stand, i kach, 30 no 951 S '66

Devices for vork with sheet iron. A, I, Chozkin. Shkola i proizv. 10 no.12;52-53 D 466.

A hand vise. S. F. Lazarev. Shkola i proizv. 10 no 12:

252 D '66.
"INA," set of tools for assembly of storage batteries.
Prom. stroi, i inzh. soor. 8 no. 6 33 N-D '66.

Some tools and devices. I. A. Roitman. Shkola i proizv. 10 no.12;51 D '66.

#### TOOLS PATENTS

Rusakov, K.I., and IU.I.Sychev. [Diamond tools for construction and road machinery, survey of patents] Almaznyi instrument dlia stroitel'nykh i dorozhnykh mashin, obzor patentov. Moskva, Nilinformatsiistroidoikommunmash, 1965. 56 p. Serifa 1, Stroitel'nye i dorozhnye mashiny)

#### TOPOLOGY

Continuous convergence in closed sequence nucleus of class BLk mappings of plane regions onto Jordan regions, G. D. Suvorov Trudy TGU 175 23-28 '64,

Determining relations in dynamic systems V. A. Baidosov Dif urav. 2 no 12 1547-1552 D *66

Dimension of growths of bicompact expansions of

Dimension of growths of bicompact expansions of proximity topological spaces, Part 2, IU, M. Smirnov. Mat. sbor. 71 no. 4-454-482 D '66
Distortion of relative distances within closed regions of topological class BL W mappings in conformal invariant metrics, M, V Baklanov, G D Savorov, Trudy TGU 182 15-26 '65,

Elementary proof of fundamental lemma in theory of prime ends of sequences in regions converging to nucleus B. P Kufarev Trudy TGU 175:3-4 '04.

The general coefficient theorem. P M Tamrazov. Mat 7° no. 1:59-71 Ja 167.

ctive nilpotent subgroups and niletements
' groups V P Platonov Izv. AN SSSR.

3 mappings, f, S, 5 '65,

it mappings of closed U 182:46-58 *65. prime ends of a is converging to the rev. Trudy FGU

infinite order I. F. Kor obeinik.

ogy, A. Hajnal, 3,541-542 Ja '67 ctive mipotent groups ition, V. P. Platonov.

and pseudolsctopy.

plane topological ov. Trudy TGU

7. G. Bondarev, Vest, o. 1:40-46 Ja-P '67,

ition in spindles and ing rolling mill kii, I. F. Kurochkin. 9 '66,

Simplified for mula for determining to que when screwing collars on casings (Z/I)I edorenko. Neft khoz (44) no (11.19-20)/11/66

#### TORQUE-MEASUREMENT

Using rotating transformer in measuring torque on an axle shaft G M Antaimov, S G Zhondaev Avt, prom 33 no, 1 28-29 Ja 167

# TORTURE

Using the findings of forensic medical examination in the determination of criminal offenses according to the criminal cole of the R.S.F.S.R. of 1960 as "totture" or "infliction of bodily pair." V.S. Ozherelkov. Vop. pred, prest. no. 4.147-152. "66

(see also subdivision under Chukhuryurd region, Azerbaljan, Europe, Eastern)

This could not be in prerevolutionary Russia, - IU, IU, Batti, Vech sied, shkola 9 no 3 15-16 My-Je '66.

# TOURMALINE

(see also subdivision under Siber ia)

Sculpture of faces of tourmaline crystals
Min shor 20 no 2 161-165 '66, M. M. Slivko.

Sectional cargo motor ship S Shur Rech. transp 20 no 7:27-31 Jl '61

#### TOXEMIA

New variations of drug therapy in late to emia in pregnancy A M. Foi, M. I. Anisimova. Sov med. 29 no 18 114-119 O 186

#### TOXING AND ANTITOXING

Antitoxic characteristics of antibiotics, V. M. Derkach,

Mikrobiol, zhur 24 no 5 48-51 162, Chromatography of mai secce tevin A, K S, 2 Soob AN Gruz, SSR 26 no, 6,711-714 Je 161 K S. Akhylediani.

Toxic effect of mammatian cell disintegration products use of selective media for studying somatic cell genetics in mammals in vitro A E Khilizev, O. N. Petrova, N. I. Shipiro Genetika no 12 18-24 166.

Multiplication of toxoplasma in per itoneal mesothelium. M. J. Lidina, D. N. Zasukhin Biul, eksp. biol, 1 med. 63 no. 1,61-63 Ja *67.

Occurrence of Toxoplasma gondii and "m-organisms" in Clethrionomys glarvolus of Saratov Province. A. M. Krasnova. Zool.zhur 45 no.12;1872-1873 '66.

#### TRACE ELEMENTS

(see also subdivision under Dnieper River, White Russia)

Method of determining the total microelement content of ьоils and plants. G J. Rinkis. Porhvovedenie по. 3,74-

Some characteristics of geochemistry of rare alkali elements in process of halogenation B I Smirnov Min. shor 20 no.170-76 '66

Specific character of the isomorphous entering of trace elements, of boron in particular, into foreign lattices N.V.Belov Geokhunita no 10 942-945 | 61

Treating sugar beet seeds with trace element fortilizors before sowing as a factor for increasing the rusistance of plants to root rot. M. M. Ganiev, K. N. Kbovanskata, Trudy KHSKH1 56 76-85 *68.

# TRACE ELEMENTS-CONGRESSES

Mauchno-prakticheskala konferentsiia po probleme endomi-cheskogo zoba I mikroelementov, ist. 1984. [Materials of the First Scientific and Practical Conference on the Problem of Endemic Goffer and Trace Elements] Ma-terialy. Kazan', Kazanskii med.in-t, 1964. 238 p.

TRACE ELEMENTS ... EFFECT ON PLANTS see Plants, Effect of trace elements on

TRACE ELEMENTS-EFFECT ON SEEDS see Seeds, Effect of trace elements on

# TRACE ELEMENTS-PHYSIOLOGICAL EFFECT

Carbohydrate digestion in cow rumen as related to feeding with microelement-onriched silage B.N. Nikitin, V.A. Moiseev. Trudy inst. fiziol. AN Kazakh SSR 10: 22-27 66,

Effect of cobalt and manganese on amino acid content in hydrolysate of mixed juice of pancicae and liver in sheep, A.V. Prokudin, Trudy Inst. fiziol, AN Kazakh, SSR 10 108-109 '66.

Effect of Co, Cu and Mn on micro- and macrolement content in sheep saliva M. A. Rozybaktev, M. M. Abab-kov, Trudy Inst. fiziol. AN Kazakh. SSR 10:101-105 166

Effect of cobalt, copper and iron on productivity of Gissar ewes. N. Saliev, Izv. Ctd. biol. nauk AN Tadzh. SSR. no. 4:92-99 '66.

Effect of complex of trace elements (Co + Cu + Mn) on absorptive ability of small intestines in sheep, R,S, Alupova, Trudy inst. fiziol. AN Kazakh, SSR 10:123-

Effect of complex supplementary feeding with microelements on secretary activity of parotid gland in cheep, M.A. Rozybakiev - Trudy Inst. fiziol AN Kazaki Salt 10:96-100 166.

Production of vitamins by some rhizosphere micro-organisms and the effect of inicroelements on it Report No 2, O.1, Hei shova, f A, Kozlova Miki obiol, zhii 24 no 515-20 *62.

Use of vitamin Bo and trace elements in feeding growing swine, IA, A Babin, G V McPulkov, Lhim, v EP khoz, 5 no.1 16-47 Ja 167,

#### TRACE ELEMENTS-SPECTRA

Spectrochemical method for determining some trace elements in solls, plants, and waters. D. N. Ivanov, L. P. Orlova, A. P. Filippov, Agrokhimita no I I III 11 15 167.

#### TRACE ELEMENTS IN THE BODY

Lifteet of trace element supplements on the state of the B before delivery and the quality of offered ing. 1), 1, Marnov. Dokl. TSKHA no. 45,79-85 159

#### TRACHEA-SURGERY

Pheumothorax as a complication of tracheotomy and ita prevention V.S. Lande Zhur, usb., nor i gorl bel. 10 no 6 60-71 N-D 150

#### TRACK ATHLETICS

Significance of competitive proparation in training high-quality athletes. K.A. Intanovel ii. Teor, i prak, firkult. 29 no 12 11-14 D 468.

TRACKLAYING VEHICLES
(see also subdivision under Antarctic regions)

Study of the deformation of the components of the track treads subject to a perfodic load, P.D. Vasiliev, Trakt i selikhozmash, 30 no 3:8-10 Mi /50

#### TRACTOR INDUSTRY

(see also subdivision under Kharkov, Minsk, Volgograd)

Tractor and agricultural machinery industry in 1967. A F. Izotov. Trakt, i selikhazmash.

# TRACTOR INDUSTRY-CONGRESSES

Conference of tractor builders, A Illina, Vaesh torg 46 no. Il-26 468

Conference of tractor manufacturers. V. A. Grigorov, Trakt. i self khozmanh, no. 1:18-3 of cover da 467.

(see also subdivision under Virgin Territory)

Criteria and indices of estimating the design of Johns and units for tractors. D R. Pospetov. Trakt I in Phingmosh. no. 1:9-11 Ja 467.

Full load to timber skidding tractors, P. P. Vang Pier Lie, hosp., lie, , pap, i der, prom. no. 1:7 Ju-1 167

Ide, hosp., 116., pap.1 der, prom. no. 17 In-1 to.

Gintshing, B. M. [Tractors and motor vehicles; manual for students of correspondence departments and sections, specializing in "Mechanization of agricultural production" Section Theory and design of tractors, automotive classis and motor vehicles "Toplens for cedacting on tractors and motor vehicles" Traktory taxtomobili, uchebnoe posoble dila studentov zaochnych faxoltetov i oldetenti po spotsial'nosti "Mechanizatulia sel'akultatovi i oldetenti po spotsial'nosti "Mechanizatulia sel'akultaschi traktorov, sa moklodnych shrasi i avtornobiliti Ld.2., perer Moskva, Vees. s. -kh. in-1 zaochnogu obrazovanila, 1960. 79 p

[Microfilm]

### [MICROFILM]

Hydraulic regulator of tractor trailing weight V. Rastla-nenko Tekh v solikhoz 21 no 12,60-76 1) tol

improved types of tractors and machinery for developing the Priokskiy floodplains and the Meshelicra leviands M. Putiatin Tekh, v sel'khoz 21 no 12,2/-20 11 61 Modified "Behrust" tractor for operating on mount of slopes, 1. Frontainhakii, 1), Bultachvill, Tekh, v sel'khoz, 27 no, 1:72-74 67,

More about the future types of tractors A.A.Kicisler, L.I Trepenenkov, Trakt i sellkhozmach 30 no. 347 19 10 Mr 160,

19 Mr '99, Operational indices of tractors, A. Spektor, Tekh, v sol'khoz, 27 no. 1,42-46 '67,

Optimal power of a skidding tractor for mountain farest exploitation. N. N. Litvinchuk. Less burns i der spren. no. 3:168-177 [66].

Polupanov, F. P. [Technical operation of tractors]
Toklmicheskafa ekspluatatsfia traktorov. Riev, Urozbal. 1966. 327 p.

SA-12 power-driven pile driving unit. V. D. Paerohicin. A S. Dorovskikh, N F. Zagarov, Mekh, atroi, 24 no. 12:23 D '60.

Tractional features of the DT-64 tractor on snow covered virgin lands. E.N. Gribov, I.S. Filatov. Trakt.i sel'khozmash. 30 no.348-8 Mr '60

Tractor-mounted equipment for pumping out water, 1, 1, 1, 1skenderov, Mckh, stroi, 23 no, 12-10 D 156

Tractor-mounted equipment for working rock, 5, f, Ben'iaminov, Mekh, stroi, 23 no. 12;22 D '08, Tractor with an automatic steering system. A. IAshrete, Tekh. v selikhoz. 21 no. 12 70-72 D 161

Tractor with tandem mounted engines and 100 hp. rating. L.V. Trotimov. Trakt. i sol'khozmash. 30 no. 145-46 Mr '60.

#### TRACTORS-CLEANING

Carriousel-type chamber for a ternal mashing of tractors
F. Fukh. Fikh v all-tho: 21 no 1 61-61 167.

#### TRACTORS-COLD WEATHER OPERATION

Concerning the lengerature of tractor transmission sys-tem oil in the winter A Prolov V Matweev Tekh v activhos 21 no 1245 D 461

Constraint the winter operation of tractors. A Shelidiko Tekh v selikhoz -21 no  $1^{\circ}$  12-41 D  $^{\circ}$  61

Concerning the winter operation of fractors. Tekh v salished 21 no 12 to D fol

Greeine and oil starting wivin e. V. Zakharkinskii Tekh v sel khoz. 21 ao 12 to D. Gl

Heating of fuel on the DT-53 tractor | 1 Tarney | Tekh, | set! whos | 21 no 12 /3-/3 D | 61

lra to a schould be adopted for winter operation. V.Koz-lov Tekh v sel'khoz 21 no 12 10-42 D 161

#### TRACTORS-DYNAMICS

Determining vertical speedup of the name of the TDT-60 tractal moving on a rough roud. IU L. Kovaley, Sh. M. Gokkman. Izv.vystacheb.ziv., ks. /har. 9 no.6/54-

Preventing the possibility of the overturning of tractors, V. A. Andros, Trukt 1 sellkhozmash, no 4 42-43 Ja 167,

#### TRACTORS-ELECTRIC EQUIPMENT

Charge in the polarity of the networks of the electrical equipment of nutomobiles, tractors and harvesters
V. Barabanov - Tekh v selikhov 71 no 12 86 D 161,

Determining defects in the electric equipment of tractors and motor trucks. V. Levchit. Tekh v sellkhoz 26 ro. 12:73-75 D 456.

TRACTORS—ENGINES
Hiscitlic head husbings of connecting roads, 5, Makarov,
170, v 5cl/kho; 27 no, 165-68 67,
Brakeless testing of tractor engines, N, Miroshnichenko,
1766, v 5cl/khoz 27 no, 1651-65 67.

Improvement of the system of starting tractor engines, A Stein Lanskii, A. Dashin, A. Kosnov, Tekh, v. seli-thoz, 25 no 12:57-59 D 466.

Prestarting heating of tractor engines. M. Paramonov. 1(Fil. v ac1/Phoz. 27 no.1,50-53 67

Repair of the cylinder sleeves of fractor engines. P.Gioz-duz Tokh v sel'khoz 21 no 12 59-64 D '61

#### TRACTORS-UXIDITIONS

For the agricultural machinery operators. Inform, blut, VINKH no. 1:28-30 Ja 167.

# TRACTORS-FUEL SYSTEMS

Contending the performance of tractor engine at I filters
G Smit nov A, Zavitalova Tekh v neithbor 21 no 12
46-47 D /61

De lee for controlling fiel pumps of the F-4 and K-700 fraction, S. Lobanov, V. Krivenko Pekh, v sel⁴kho², 27 no. 1469-70 fe7,

Period for the control of fuel apparatus, P. Pivovar, Tekli, v nel'khoz 27 no.1:77-78 h7.

# THACTORS—HYDRAULIC EQUIPMENT

Magic hammer, Ackt, v sellkhoz, 26 no. 12:63-65 D 466.

# TRACTORS-LUBRICATION

Fifest of the quality of inhvicating oils on the life of the scars, G. I. Skundin Trakt, I sel'khozmash, 30 no. 3:14-17 M: 160.

# TRACTORS-MAINTENANCE AND REPAIR

Abranov, G.A., and A L.Kosilov. [Maintenance syntem for tractors, motor vehicles and agricultural machinery] Sistema tekhnicheskogo obsluzhivania traktorov, avioauchilet I sel'skokhozalstvennykh mashin Voruvezh, TSentral'no-Chernozemnec knizhnec izd-vo, 1965. 22 p. (Peredovol opyt v sel'skom khozlaistve) [MiCROFILM]

(voltaged a remain of gearbox cases, IV, Pakhomov, f.kh. v sel'khoz, 27 no.1;64-66 '67.

Lel the tractor builders tell their stories. A. Dobriakov. Tekh v sel'khoz 21 no 12:80 D '61

Hepair of tractor frames M. Lapitskii, L. Khodov, I Revutskii Tekh. v sel'khoz 21 no. 12:55-59 D '61.

Itegaining connecting clutches of a power take-off shaft, I. Caliney. Takh, v sel'khoz. 27 no. 1:77 '67,

Regaining the body of fuel injectors. V. Zimenkov, Tekh.v sellklioz. 26 no. 12:71-72 D 166.

Repairing the turning lever of a steering mechanism.

A. Konenev. Tokh. v sel'khoz. 26 no. 12:84 D '66.

A simple device. S. Pinchuk. Tokh. v sol'khoz. 21 no. 12-77 D 101.

Use of glues in the restoration of components. E; Tra-peznikov Tekh v sel'khoz 21 no 12:63-55 D '61

# THACTORS-TRES

Testing of R type tires on "Belaust" tractors. P. N. Stepaniuk, B. JA, Shacisor. Trakt, t self khozmash, no. 1.13-16 Ja * 167.

TRACTORS—FRANSMISSION DEVICES see subdivision under United States

#### TRADE UNION MEETINGS

Prolecting workers' labor is a vital concern of trade unions. V Alckseev. Neftianik 11 no 8 18-19 Ag 166

#### TRADE HINTONS

(see also so livision under France, Hungary, Stavi opol leit itory, Uriaine, United States, Vitebsk Province)

Activity of trade-union organizations should be at the highest level. Avt transp. 45 no. 1:5-7 na 167.

Cherkasov, G. N. [Scientific labor organization, objectives, contents and methods] Nauchnaia organizatisla tituda tself, soderzhanie, metody. [Moskva] Profizdat 1967. 117 p.

1967. 117 p.

The development of public participation in the work of trade unions is an important part of the communist education of the masses A. H. Mazur. Trudy Irk mat nai, kbor, no 1165-170 [6].

In presidium of All-Union Central Council of Frade Unions, V. S. Neftlantk II no 9 22-23 S. [6].

In the interest of one and all B Amosov. Sov.prof-soluzy 23 no.1,27-29 Ja '87.

Increase the activity of trade-union organizations in carrying out the decisions of the July Plenum of the Cential Committee of the CPSU, P. Vin'Fov, Grazhd, av. 12 no 10 4-5 O 155.

legal protection of the factory, plant, and local trade-union committees right to sanction the dismissal of workers. N. G. Kobets Sov gos i privo no.157-52 Ja 167

Selecting documentary materials for publication F. L. Sonechkinn Sov arkh, no. 5:81-88 166,

#### TRADE UNIONS-CONGRESSES

At the plenum of the Central Committee of the Trade Union Rech transp 20 no.7-51-52 J1 61.

TRADE UNIONS-OFFICALS AND EMPLOYEES see subdivision under Cuba

#### TRADEMARKS

[Inventions, industrial samples, trademarks] lzobr , prom. obraz., tov. znak. 44 nos. 3-4 '67.

#### TRAFFIC ACCIDENTS

Extrusion of theracic and abdominal organs under the skin of the lower extremity in an automobile accident A U. Shofeev Sud, -med ekspert 9 no 151 O-D '66

### TRAFFIC ENGINEERING see subdivision under Moscow

Safe night driving, RJ. Golkin, Avt. transp. 40 no. 6

Stotsluk, L.S., L.A.Keroglu, and T.I.Karpushina.
[Highway Junctions and then effect on traffic safety]
Uzly avtomobil'nykh dorog i ikh viliantena bezopasnost'
dvizheniia. Moskva, Transport, 1907. 61 p.

TRAINING OF EMPLOYDES see Employees, Training of

TRAINING OF TEACHERS, see, Teachers, Training of

# TRANS-ILI ALATAU-VETCHLING

Results of studying a collection of vetchilings in semihmp oved dry-farming in the pledmont belt of the Trans-Ill Alatau, V. P. Panshina, Vest, sol'khoz, nauki [Kazakh, ] 10 no.150-59 Ja '67,

#### TRANSBAIKALIA-CASSITERITE

Characteristics of cassiterite from the pegmatite vein in eastern Transbalkalia, V. A. Kornetova. Trudy Min, muz. no. 12:218-222 [6].

### TRANSBAIKALIA—FLUORSPAR

Crystallomorphology of fluorite from some fluorite de-posits of Khuruysk group (western Fransbolkalia) P. K. Voyk, V. S Mel'ntkov, Min. shor, 20 no. 4 498-506 '68,

# TRANSBAIKALIA-LEAD ORES

Itales of dispersion of lead and zine in a complex-metal deposit of eastern Transbaikalia, I.N. Kritsuk Zap. LGI 43 no. 2·112-121 '62.

# TRANSBAIKALIA-METALS, RARE AND MINOR

Kuznetsov, K.F., and G.M. Meitav. [Geochemistry of rare elements in lead-zine deposits of eastern Trans-balkalla] Geokhimita redkikh elementev v syintsove-tshkovykh mestor-zuldonitakh Vostochnogo Zabatkal'ia. Moskva, Nauka, 1867. 240 p.

# TRANSBAIKALIA-MICA

Correlation of indices of refraction and iron content in biotites as revealed by study made in Mesozoic intru-sions in castern Transbaikalia. V. L. Litvinov. Min sbor, 20 no.1:107-113 '66.

# TRANSBAIKALIA-PEGMATITES

Characteristics of cassiferite from the pegmatite vein in castern Transbalkalia, V. A. Kornetova, Trudy Min. muz. no. 12-218-222 ¹61.

#### TRANSBAIKALIA-PETROLOGY

Petrology of the TSagan Oluy Massif (eastern Transbalka-lia), O. N. Belousova Biul MOIP, Old. geol. 36 no. 3: 143-144 My-Je '01.

#### TRANSBAIKALIA—TUNDRAS

Characteristics of mount an-tundra landscapes of Trans-backalla | F A. Rude, L. A. Sokolov | Pochvo, edenti no. 4 47-36 \p. 160

#### TRANSBAIKALIA-ZINC ORES

Halos of dispersion of lead and zinc in a complec-metal deposit of castein Transbarkalia 1 N Kritsuk Zap. LGI 43 no 2 ll2-l21 462,

#### TRANSBAIKALIA-ZIRCON

Habitus types of accessory zircon in granitoids L.V. Zavialova, Min sbor, 20 no 1 524-531 166

# TRANSCARPATHIA-GROCERY TRADE-MANAGEMENT

In Transcarpathia they trade in the new way! V. Kiselev Sev. torg. 40 no. 2.52-53 F 167

#### TRANSCARPATHIA—GUIDEBOOKS

Young tourists in the Carpathians, a guidebook in Ukrain-ian and Russian] Hungi turget v Karpatakh, putivnyk ukrains'kolu ta rosiis'kolu movamy. Uzhhorod, "Kar-paty," 1886, 318 p. illus., fold, maps (in pocket),

# TRANSCARPATHIA IN LITERATURE

Sketches on Transcarpathia and their role in the development of socialist realism in Czechoslovskia in the thirties. N Kh. Kop, stians ka. Inoz. filol. no 6 129-137 '66.

#### TRANSCAUCASIA—COMMUNIST YOUTH LEAGUE

The Komsomol of Transcaucasia in struggle for the reatization of the socialist reform during the first years of the Soviet regime, 1921-1925 G A. Aveitsian Vest, obshehesty mark AN Arm, SSR no 4 10-24 Ap 166.

#### TRANSCAUCASIA-FORESTS AND FORESTRY

Akademiia nauk SSSR. Sibirskoe otdolonie, Institut lesa i drevesiny. [Forests of the U.S.S.R. in five volumes] Lesa SSSR v piati tomakh. Moskva, Nauka. Vol. 3. [Forests of the south of the European part of the U.S.S.R. and Transcaucasia] Lesa inga Evropeiskoi chasti SSSR i Zakavkaz'ia. 1965.

(DNAL)

#### TRANSCAUCASIA-GEOLOGY, STRATIGRAPHIC

Correlation Miocene acdiments in the Nakhichevan A.5 S. R. with synchronous layers in other areas of Azerbaijan and the regions of Transcaucasia and the Caucasus M. T. Pronina. Dokt AN Azerb SSR 18 no 3 39-42 462,

### TRANSCAUCASIA-HISTORY

How the workers of Baku struggled for the establishment of the Transcaucasian Federation, G.M Gasanov, Trudy last, ast, partn (Azerb.) 27 278-290 '64

The struggles of the Communist Party of Azcubaijan for the establishment of the Transcaucasian Soviet Federal Socialist Republic and its admission into the U S S R Dzh B, Gulley Trudy Inst list, partif [Azerh.] 27 24-67 '51

### TRANSCAUCASIA—HISTORY—SOURCES

Mas'un ibn Namdar and the urban population of Baylakan. V. M. Beilis, Izv. AN Azerb. SSR. Ser. 1st., filos i prava no. 3;50-61 166.

#### TRANSDUCERS

Experimental study of transfer characteristics of a single-chamber their modatelytic methane transducer. V. M. Farasevych. Dop AN URSR no 12-1577-1580 '66 Semiconductor transducers in automatic control systems of substations V. N. Bakhrakh. Elek i tepl. taga 10 no.11 26-27 N '66.

Use of Hall transducers for measuring the electromagnetic moments of electrical machines, V.A. Minsnikov, Shor, rab, po vop. elektromekh. no. 4 254-269 160

# TRANSFORMATIONS (MATHEMATICS)

Approximations of ergodic dynamic systems by periodic transformations. A.B. Katok, A. M. Stepin. Dokl. AN SSSR 171 no.8:1208-1271 D '66.

#### TRANSIENTS (DYNAMICS)

Riements of the theory of the sudden stoppage of mining machinery A. N. Golubentsev. Ugolf Ukr. 7 no. 3:18-22 Mi 163.

#### TRANSIENTS (DYNAMICS)—MATHEMATICAL MODELS

Mathematical description of transient aerodynamic processes in mines. V A. Bolko, IU M. Karbovskii elektromekh, i avtom. no. l-182-187 ¹65.

### TRANSIENTS (ELECTRICITY)

Transient process in a three-mass torsion system with electric drive. G.I. Anniev. Izv.vys.ucheb.zav., gor.zhur. 10 no.1137-141 '67.

Venikov, V.A., ed. [Transient processes in electrical systems with examples and illustrations] Porekhodnye proisessy elektricheskikh sistem v primerakh i illiustratsilakh. [By] N.D. Anisimova i dr. Izd. 2., dop. Moskva, Energiia, 1967. 455 p.

#### TRANSISTOR AMPLIFIERS

Intenna amplimer for 130-410 Me operation. R Ivanov Radio no lt 9 3 46

Slavskii, G N Active RC and RCL filters and selective amplifiers Aktivnye RC- i RCL- filtry i izbiratetinye usiliteli Moskia, Sviazi, 1986 215 p

#### TRANSISTOR CIRCUITS

Insises of the operation of mutually loading tunnel diodes M 1 Andreev Ridiotekhnika 22 no 1 100-104 Ja 167

Autodyne frequency converter using a tunnel diode. E 1 Akchuran, V V Rudy, V Li Spirm Radiotekhnika 22 no 137-46 J v 67.

Fischer, Hans Joschim [Transistor technology for radio anatem 8 Translated from German] Tranzisionala tekhnika dila radiolubiteler Mosiva, Energia, 1986 183 p (Massovata radiobiblioteka, no 617)

Galetshi, F. P., and L. A. Lubovich. Special features of the operation and calculation of circuits with tunnel and storage diodes. Osobemosti raboty i raschet shem na tunnel "nykh i nakopitel nykh diodykh. Moskva, Akad, nauk SSSR, 1965. 31 p. (Elektronnye vychislitel 'nye

Shea, Richard Flanklin, [Plinciples of translator circuits. Translated from the English] Poluprovodnikovye triody 1 ikh primenente, Pod obshchei red, R. Shi. Moskva, Gos. energ. 1zd-vo, 1957. 287 p. diagrs. (PU-E!)

#### TRANSISTOR OSCILLATORS see Oscillators, Transistor

#### TRANSISTOR RADIOS

Designing of transistor radios V Ebimov Radio no H 33-37 N '66

Shapiro, D N [Designing of transistor radio receivert, a textbook] Proektirovanie tranzistornykh radioprusmnikov, uchebnoe posobie Leningrad, 1966 Leningr elektrotekhn in-t svazl, 1966 190 p

Superheterodyne for tural cadio amateurs V Vasilley Radio no Il 49-53 N '66

"VEF-Spidola-10 " A Brach, IU, Izak Radio no 11 43-

#### TRANSISTORS

Load carrying capacity and use of semiconductor devices, V B Bratchiubov, I A Chizhaev Lzv vys. ucheb zav , elektromekh 9 no. 12 1348-1360 266

Output parameters of transistors with strong signals
L N, Kaptsov, S M, El' Khalavani Vest Mosk un Ser. 3,
Fiz . astron 21 no 6.33-10 N.D '86

System of designations of foreign electron and vacuum devices - E Zel'din - Radio no ll 82-63 N '66

Use of selitching transistors in the drive systems of automatic evening. A.S. Molchanov, IA. M. Rebarbar, IU. M. Vinter Nauch, rissl trudy TSNILV 22:89-100 '66.

# TRANSISTORS-TESTING

Using noise parameters in evaluating the quality of transistor devices. G V Bazdyrev Prom. Bel 10 no 2 40 F 167.

#### TRANSCAR PATHIA-DIASPORE

Diaspore in hydrothermally altered rocks of Beganⁱ Mountain in Transcarpathia, G T Volostnykh, Min sbor 20 no 1288-290 ¹⁶⁶.

#### TRANSITION METAL COMPOUNDS-MAGNETIC PROPERTIES

Magnetochemical study of solid chlorine complexes of manganese, Iron, cobalt, niekel, and copper G, M Barvinok, V Vintruff, Vest, LGU 21 no. 22 III-114 '86,

#### TRANSITION METAL COMPOUNDS-THERMAL PROPERTIES

Regularities of thermal stability of transition metal ovides, IAS Malakhov, G.V Samsonov Porosh, met 6 no 1284-91 D 166

### TRANSITION METAL OXIDES

Coordination lattices of oxides of elements of additional subgroups and their enthalpy of formation. S. M. Ariia. Probl. sovr. khim, bond. soed no. 1,183-214 '66.

# TRANSITION METALS

Activation energy of the diffusion of intersticint elements into transition metals with a body-centered cubic lattice J. L. Spivak. Fiz. met. i metalloved. 22 no. 6,859-864 p '66.

Regularities of structure and filling of external energy bunds in metals and bloys at start of first transition period. S. A. Nemmonov. L. D. Finkel'shtein. Fiz. met. i metallowed. 22 no.45528-350 O '66.

Role of the formation of stable electron configurations. in forming properties of chemical elements and com-pounds. G V Samsonov. Porosh met. 6 no. 12-49-60 D 166

Stable electron configuration of atoms with incomplete d-, t-shells and physical properties of transition met i.F Priadvo Porosh.met. 6 no.12:61-67 D 166

# TRANSITION METALS-SPECTRA

K-spectrum of calcium metal. Electron structure of calcium and of transition metals of the beginning of the first period. L.D. Filhel'shtein, S. A. Nemnonov. Fiz. met i metalloved. 22 no.6;843-848 D '86.

# TRANSPORT PLANES

Profitableness of transport planes. Grazhd. v 19 no 2.

#### TRANSPORT THEORY

Electron component of the transfer characteristics in dust-containing gases E, V. Samultov Replofts vy temp 1 no 6 753-759 N-D 166. Peplofiz Vys.

(AMBPOATE FOR (See also subdivision under Moldavia, Volga Hydro-electric Power Station (22d Congress of the CPSU)

Effect of the transportation factor on the choice of the building sites of enterprises of the leating and footwar industry. L. B. Peisakhzon, L. A. Viazimina, R. L. Vedanti, Izv. vys. wheb. zav., tekh. leg. pi. om. no. 8

Pascinating journey, 4, Levachev, Nov mir 38 no 12 265-266 D 162

High awards of our native land, 1.1, Makelmenko, Pull 1 put, khoz 10 no 9 1-2 168

Optimal distribution systems. B.I Korenblium, V.I. Rybal'skii, Ekon i mat, metod. 3 no 188-91 Ja-1 167.

Program of work of engineers for the transportation industry in the new five-year plan. Transp. strot. 16 no. 44-3 Ap. 466

### TRANSPORTATION-ABSTRACTS

[Industrial transportation] Ref. zhur. Prom. transp.

#### TRANSPORTATION—BUILDINGS AND STRUCTURES

Ways to improve standard plans for buildings to be used by passengers, G E Golubev lav ASIA no 3 51-64

#### TRANSPORTATION-FINANCE

The economy of materials is the most important potential in lowering the cost of the construction of transporta-tion systems Transporter. 16 no 2:34-36 F '66.

Important problem of transportation economic science, Vest TSNII MPS 25 no. 7 3-4 16b.

#### TRANSPORTATION-HANDBOOKS, MANUALS, ETC.

<u>Usiakov, S.S., and L.1. Vasilevskii, eds.</u> [Tiansportation abroad, capitalist and developing countries A manual] Zarubezhnyi transport, kapitalisticheskie i razvivaluskehiesia stiany Spiavochnik. Moskva, Transport, 1966 366 p

#### TRANSPORTATION-MATHEMATICAL MODELS

Vasil'ev, V. V. A. N. Klepikova, and A. G. Timoshenko.

[Solution of problems in optimal planning using analog computers] Reshenie zadach optimal nogo planirovanita na elektronnykh modeliakh. Kiev, Naukova dumka, 1966

# TRANSPORTATION-TECHNOLOGICAL INNOVATIONS

Science for industry. Transpistroi 16 no 2:1-3 P 466.

### TRANSPORTATION, AUTOMOTIVE

40 no 6 52-54 Je +62

(see also subdivision under Moscow Province, Tuta Province)

Let us put all our strength into the building of communism. Avt transp 40 no. 6 1 Je 162.

New posters for automotive transportation units. L. Iva-Avt.tiansp. 40 no.883 Je '62

On a far trip IU. Arkhangel'skii, E. Kogan Avt. transp. 40 no 6·22-23 Je '62

Prepare for the celebration of the fiftieth anniversary of the Great October Revolution in a proper way. Avt. transp. 45 no. 12-3 Ja 167.

Readers' letters Avt, transp. 45 no. 1.50 Ja 167. Results of the cooperation, A. Sentiuleva, Avt. transp.

Work persistently every day and every hour. B. Romanov Avt. transp. 40 no. 5 2-4 Jc *62.

# TRANSPORTATION, AUTOMOTIVE-ABSTRACTS

[Automotive and city transportation] Ref. zhur. :Avt. i got. transp. no. 2 F '67.

#### TRANSPORTATION, AUTOMOTIVE -- COST OF OPERATION

Cost of operation is a mirror of economic activity. E. Maler. Avt. transp. 45 no. ltll Ja 167,

Verkhovskii, I.A. [Planning and analyzing the cost of automotive transportation] Plantrovanie i analiz sebesteimosti aviomobil'nykh perevozok. Moskva, Transport, 1966. 214 p.

# TRANSPORTATION, AUTOMOTIVE—FREIGHT (see also subdivision under White Russia)

Dispatched freight haulage, R. Stolov. Avt. transp. 40 no 6:14-17 Je 162,

Improve interurban freight haulage, L. Chorniavskii. Avt. transp. 40 no. 6 10-14 Je '62,

Improvement of the organization of freight haulage is an urgent task. S. Aginskii, Avt. transp. 45 no. 1:26-27

Improving contract relations under new working conditions. M Besov, B. Vinekurov, M Gridin Avt. 1712 | 45 no. 1.20-22 Ja 187

New methods for the organization of interminan far light haulage O. Smilnov Avi, transp 10 no 6 '0 '1 h

What hinders the development of interurban freight hadage? R Lakhno, F Tikhomirov Ast transp. 10 no. b 17-19 Je 163

#### TRANSPORTATION, AUTOMOTIVE-LABOR PRODUCT IVITY

Problems in the increase of labor productivity in auto-motive transportations. A Shuitman Avt. transp. 17 по, 1 12-11 Ла 167.

TRANSPORTATION, AUTOMOTIVE—MANAGE MENT (see also subdivision under Kiey, Leniugrad, Paylodar)

Improve the transportation process. P. Lusta, Avi., transp. 45 no 127 Ja 167.

Panshina, S.N. [Economics of automotive transportation]

Ekonomika avtomobil nogo transporta Moskva, Vvashaja shkola, 1966. 303 p.

Planning the scientific organization of labor in an automotive transportation unit. V. Gorovoi. Avt. transp. 45 no. 1.7-10 Ja 167.

#### TRANSPORTATION, AUTOMOTIVE -STUDY AND TEACHING

(see also subdivision under Leningrad)

Organizing industrial practice work for pupils. A floatnev, D Purman Avt, transp 40 no 6 17 fo 462

Urgent objectives of the institutions for higher education, I Afanastev. Avi. transp 15 no. 1-1-2 Ja 167.

#### TRANSPORTER BRIDGES-TESTING

Pyperimental study of the conveyor bridge of Kurnyth Burun Iron Ore Combine - V. N. Lindov - Gor elektr mekh i avtorn. - no. I 101-106 - 165. V N. Lindov Got efektio

#### TRANSPORTER BRIDGES-VIBRATIONS

Studying seismic effect of balating in open-pit mines, A F, Alekacenko, Izv. vys. scheb. zav , gor /herno. 9,68-72 165,

#### TRANSURANIUM ELEMENTS

Spontaneously flasionable isomer with half-decay period of 10.7 sec. 4B, P. Gengrakii and othern. Pinter red Zhur, eksper, i teoret, fiz. 1 no. 10: 429-434 N. 466.

#### TRANSVERSE SINUS-DISEASES

Otogenous sinus thrombosis. N V. Toger. Zhin. ush., nos. i got l. bol. 19 no 4-77 J1-Ag 150

(see also subdivision under Ukrainu)

Some problems in organizing autoritient transactional service, D. S. Navrotskii, Ortop., travm., i prob.z., 27 no. 12:54-56 D '66,

[Traumatology] Travmatologlia, Kley, Zdorov'le, 1966. 223 p. (DNLM)

### TRAUMATISM-STATISTICS

Statistical indices and industrial traumations. A. G. 1:10. man. Bozop truda v prom. 11 no.1:18-21 Ja 167.

### TRAVELERS

Pochivalov, L.V. (W are abroad; pages from dia teo from abroad] My za granitsot; stranichki iz zarubezhnykh daevnikov. [Moskva] Molodala gyardiia, 1907. 208 p.

#### TRAWLS AND TRAWLING

Catculation of operational diagrams of trawiers on ejectronic computer "Promint," F. P. Dvoinykh, Hyb. kts. r 43 no. 1:28-41 487.

Fishing trawls. P. A. Starovoitov, V. I. Fedor keya. Sher. 120hi v ryh prom. 2a 1961 gil4-16.

New equipment for trawlers. B. Nochney. Ryb. prom. no.53;11-14 '60.

Otter board for trawler. F. IV, IAnson. Shor. 190b. .v ryb. prom za 1961 g. :13-14.

Protective spron for trawls. N. N. Chizhikov. A. N. Camer. Shor. izobr. viyb. prom. va 1961 g. 113.

# TRAWLS AND TRAWLING-EQUIPMENT AND SUPPLIFE

Causes of emergency tear and wear of stern tube in a medium-sized trawler. N. V. Bushnev, A. G. Gromyko, Ryb. khoz. 43 no. 1;32-34 167.

Complete mechanization of trawling processes on SRTR "Okean," V. P. Lukin. Ryb, khoz 43 no. 1:50-52 *61.

Content of the casus fooderts in mutual assistance agree-ments signed by the Soviet Union. A. G. Fogele. Vest. LGU 21 no.23:134-138 '66.

# TREE FELLING

Analyzing the phenomena of the crushing of the buttered of trees in folling. V. P. Ermol'ev. Ezv.vys.ucheb. zav.; les.zhur. 8 no.6;73-77 '66.

#### TREES

(see also subdivision under White Russia)

- tenter of gravity and the moment of inertia of trees.
  1. A Deberdeev. Try vystucheb. rav., les., hur. 9
  10.5.30-86 '66
- Fifer t of topilis ssing with micros lements on fruit bearing were or topic essing who interocuments on fruit bearing of same woody plants. M. D. Neutstarovich, T. U. Krauchinke. Vestsi AN 18581, See blind have no 4 15-23 [66]
- Descriptionship between ash, oak, and finden through their rund exerctions of A Kaurin, I N Rachtseenka Vista (AN BSSR Sci brid nav. no 3 24-28 466
- THEIS-DISCASES AND PLSTS see subdivision under Ingansk Province
- TRLES-GRAFTING see subdivision under Archangel Province

#### TREES-PHYSIOLOGY

- Characteristics of trees of various classes based on the havel and one gy of metabolism n. P bliadney 12v sps. nebeli. vav.) les. thm 9 no 6.1-8 '66.
- Freet of (pibber ellin on the photosynthetia and carbotal it in entaboli in in tree species. D.A. Confession, L.P. Sate involf. Shot, made b. -feel, tab. po feel khoz, no. 6-281-299. [6]
- TREMATODA ace subdivision ander Atlantic Ocean
- INEMOLITE nee subdivision under Kirghizistan

# TREACHING MACHINERY

- ( nashication of melioration machinery. I. I. Mer. Vest, s. Psiloz, naukt 11 no. 11-11-17 166.
- Nie IN-40 ravine digger. M. T. Klokova. Biul tekh. Contintorm. Gos. nauch Isal inst nauch i tekn inform. 1- nr 12 31-35 D 466

# TRIALS (MURDER)

Why our counts often send murder cases back for additional interestigation. G. Kochmov, F. Bridichevskii. Fels. (akon. no. 2-22-21-1-09).

#### LRIANGULATION

- filmating small triangulation note by angles using successive approximations A.A. Solomonov, Lev vys successive approximations A.A. Solomonov, Lev vys schub env. preod. i nerof no 6 35-40 462
- Angular measurements in second order triangulation, A F Virgin Treevysoutheb rav. good factof no. 6 17-21 462

#### TRIAZINE

- It having of propagine in soil. N.T. Popov. Vest. soil-blog. a dist 11 no.12;131-135 D 55. Up of ruma/ine and atrazine for protecting apruce and plus acceding from weeds in an action. 1. M. Forbova, . For . radiate the distribution of 6.278-282 261.

#### TRIAZOLE

- Same to brazona [1,5-b] and sett fixedo [4, 3-b] pyridazines din, Ht N, Sheinket, I IA, Postovskii 1 v AN 555R Sp. kleter, no 166-70 Ja 167,
- TRUBES AND TRIBAL SYSTEM see subdivision under

# TREHODERMA

- Nos strains of the entagonistic fungus Trichoderma and their use in controlling carrot diseases—M. A. Daroch-Ventai AN BSSR Ser and hosp nov. Mn. A. L. Kustava markens 58 65
- Trichodermin in greenhouse soils. N. Fedorinchik. Zuslich, Last. 12 no. 1:25-26 167.

# TRICHOMONAS

Treatment of cervix steri erosion of trichomonad ctiology with Stootakovskij's halsam. A.P. Kolesov. Sov. med. 29 no. 11-123-125 N 466

# HIKHOMONIASIS

- Fucavalidanc in the treatment of trichemoniasis in males. S.A Artenicy, F.P. Potapacy, G.A. Vogki esenskala, S.s. med 29 no. 10 128-130 O 466,
- limate diate and late results of treating trichomoniasis with flagyl. N.S. Linkh 29 6 1 1 96-100 N 186

# тиккоричтон

Present-day aspects of the clinical course and treatment of Trichophyton purput eum infection, V. A. Rakhmanov, N. S. Potebaev, O. L. Ivanov Sov. med. 29 no. 11-117-122 N '60.

# TRICUSPID VALVE—DISEASES

the area of the right venous orifice in tricuspid stenous, A. E. Tayb and others. Grud khir. 9 no 1:34-39 Jan 1'67. Use of R. and 5-tior lins! formula in the estimation of

# TRIGGER CIRCUITS

Trigger on switching diode and ferrite with rectangular hysteresis 100p. M.F. Melekhin, I.V. Melekhina, Trudy GGC) no.100 [41-152] [66].

#### TRILESY (UKRAINE)-DISTILLING INDUSTRIES

Trilesy Distillery after the 22d Congress of the CPSU, M T.Tiuzrey, Spirt prom 28 no 3 46-47 462

#### TRIMETHYLENE SULFIDE—DIPOLE MOMENTS

Dipole moments and structure of some derivatives of thictane B, A. Arbuzov, O, N. Nutetdinova, A. N. Vershebagun, Dokl, AN SSSR 172 no 3 591-59; Ja 167

#### TRIOCTYLAMINE

Infrared spectra and structure of compounds to med in the obtraction of acetic acid and U¹¹ by tructy lamne solutions. A A Lipovskii, M G, Kuzina. Zhui, acong khim, 12 no.1236-243 Ja 'u'.

#### TRIODES

Calculation of permicability of plane tilodes. V N Andrew, G A Morozov. Doki, AN BSSR 10 Ho 11 853-855 N 166

#### TRIOXANE

- Filtration of a suspension of trioxane N A Morozov, F V. Reutova, V. V Suvotov Plast massy no. 1 68-69 167.
- no. 1; 10-43 67.
- TROITSKII, NIKOLAI ALEKSANDROVICH, 1887-1957 In memory of Nikolai Aleksandrovich Troitskii. Izv. krym, otd. Geog. ob-va no 6 219-220 '61.

#### TROLLEYBUSES

Adanas'ev, A.S. [Safety manual for an erector of over-licad contact and cable systems for streetens and trolleybuses] Pamiatka po tektnike bezopasnosti mon-teru kontaktnoi i kabel'noi setei tramvala i trolleibusa. Moskva, Strolizdat, 1965, Olp. (Tekhnika bezopas-nosti v kommunal'nom khoziaistve)

#### TROPAPHEN

Evaluation of the apoutic effect of trop phen in andarteritis obliterous and atheroscie; osls by cutaneous the mometry and vascular permeability determination.

T.G. Gogotishvili. Soob. AN Gauz. SSR 44 no. 3.787-802 D 166

#### TROPICAL PLANTS

Some data on softwood cuttings of greenhouse (subtropical) plants, U.5, Vakula, Vestai AN BSSR, Ser, bital, nov. no 3,70-73 ¹66

#### TROTSKYISM

ARCHENT MAN Efforts of the Moscow party organization to strengthen the unity of the party and to defeat I rotaly 1801, 1921-1027, V. F. Crigor'ev, G.A., The angako, M. V. Khryskov Vop. 181, KP5- II no. 2 118-127 F 167

#### TRUSSES

- Calculating resistance to cracking of the lower boom and bearing joints of reinforced concrete trusses with strand reinforcement. M. Ishchenko, Prom. strof. I inch. soor. O no. 5 27-29 N-D '66.
- Manufacture and teating of prestressed reinferced concrete trusses. V. Rokach and others. Prom. st.ol. i inch. soor. 8 no. 6:15-17 N-D '66.
- Manufacture of truss elements in multispan devices. S. Botvinik, Nastroi. Ros. i no. 7 19 31 163.
- "Method of erection by protrision", assembling large-span metal truscas for motion-picture theater and concert hall, V.I.Zhubov, E.I.Makorov, Strol. I appht. Len. 28 no. 6:26 Je '86.
- TRUSTS, INDUSTRIAL see aubdivision under United
- TRUSTS, INDUSTRIAL -- DIBLIOGRAPHY see Bibliography—Trusts, Industrial
- TRUSTS, INDUSTRIAL-LAW see subdivision under Europe, Western, United States

### TRYPANOSOMA

Trypanosoma and Sarcosporidia of Mai mote caudata Geoffe, F. A. Muratov, A. U. Kuima lzv. Otd. biol. nauk AN Tadžin, SSR no., 3:103-105 466.

# TRYPANOSOMA-CULTURES AND CULTURE MEDIA

Submicroscopic structure of leptomonadform of Leptomona tropica, I. A. Manuklan, Biol, zhur, Arm. 19 no 10:23-27 O 486.

# TRYPSIN

- Blood serum a2-globulin, modifying trypsin activity. V. A. Belitser, E. L. Khodorova, E. A. Smekhova, Doki, AN SSSR 172 no. 3:723-726 Ja 167.
- Comparative characteristics of radical states emerging comparative characteristics of the control in crystalline trygain following proton it radiation with the energy of 660 mey and gamma quants, 1.S. Gaponova, S. F. Ginzburg, N. S. Posinikova, Elofizika il no. 5:909 -910 '86.
- Effect of surface-active substances on enzymatic activity of trypsin, acetyltrypsin and succinvitrypsin. V. V. Mosolov, E. V. Lushnikova. Doki. AN SSSR 167 no. 2-454-456 Mr 166.

Studying the cole of singlet and triplet excitation phases of tryptophan in trypsin photoimactivation S V. Konev. I.D. Volo'ovskii Biofizika II no 5,791-795 '66

#### TRYPTOPHAN

- Participation of tryptophan and thyrozine residues in pro-teins lun-mescence V.P. Babrovich, S.V. Koneu, Vestsi AN BSSR Ser hital, nav. no 4 110-113 166
- Some characteristics of tryptophan synthesis by typhoid bacteria. B. IU Shuster Zhur mikrobiol., cpid i immun. 44 no.1149-150 Ja. 67.
- Studying the role of singlet and triplet excitation phases of tryptophan in trypsin photomactivation S. V Konev. I D. Volotovskii Biofizika II no 5 791-795 '66

#### TSELINOGRAD PROVINCE—ERYSIPELOTHRIX

Isolation of Engapolothers in water rats caught in TSchnograd Province, All Kolendovich, L. I. Schgeeva. Zhul, rankrobiol., epid 1 mmun 44 no. 1 154 Ja

# TSELINOGRAD PROVINCE—SOLONETZ SOILS

Let us utilize Solonetz soils B Tolebaev. Zemledelie 29 no.1·20 Ja ¹67.

TSENTRAL'NO-CHERNOZEM ZAPOVEDNIK see Central Chernozem Preserve

#### TSETLIN, MIKHAIL L'VOVICH, 1924-1966

Mikhail L. vovich T Setlin; an obituary Biofizika II no.5,939-941 '66

# TSINLING MOUNTAINS-WOODY PLANTS

Study of the vertical distribution of trees and shrubs in the Tsining Mountains, explorations of the northern border of the Chinese subtropics A.V.Vasil'ev Trudy Sukh bot sada no 13 11-32 '60.

#### TSIOLKOVSKII, KONSTANTIN EDUARDOVICH, 1857-1935

letter a from K E. TSiolkovskii to D. I. Mendeleev. Av i kosm. no 2 53-54 F '67

TSIURUPA, ALEKSANDR DMFTRIEVICH, 1870-1928

Commissary of the revolution, documented stories.
A Verbitshil Zakup sel'khoz. prod no. 11 30-33 h 166,

# TSKHAL/TUBO—RADIOTHERAPY

Mechanism of the effect of the TSrhaitube baths on basal metabolism and the indices of external respiration in patients with infectional nonspecific polyarthritis L, M, Dzidziguri Soob, AN Gruz, SSR 26 no 6 739-745 Jt 161

#### THAPSE-LEUKEMIA

Incidence of leukemia in Socia and Tuapse V N Lebedev and otters. Probl. gemat. 1 perel. From 12 no 1 52-54 Jul 167

#### TUBE BENDENG

I lat-coiled tubes BE Paton, GV Raevskin Stall 21 no II 1012-1016 N [6]

# TUBERCULIN

Standardization of Soviet tuberculin (PPD). 1. P Zavarskaia, L. A. Mitinskaia, N. S. Sokol'skaia Probl tub 44 no 1,12-19 '66.

# TUBERCULIN-TESTING

Characteristics of allergic reactivity of the skin in schizophrema 1U.A IUinskii Zhur nevr 1 psikh 62 no 11 1701-1706 '62

#### TUBERC ULOSIS

(see also subdivision under Azerbaijan, Bulgaria)

- Characteristics and activities of the residual changes following recovery from cavernous pulmonary tober-culosis I E. Kechnova, T K. Dil mukhametov Sov med 29 no. 10 17-23 O '66
- Characteristics of febrile reaction inchronic fibrocavernous palmonary tuberculosis. E N Kurianova-IAnchenko. Trudy LPMI 375H-H7 '65.
- Clinical and morphological characteristics of the largny in tuberculosis of the lungs in connection with antibac-terial dug treatment, V O Ol'shanskit, Zhur, ush, nos, i gorl, bol. 19 no. 6: 35-62 N-D *59
- Clinical aspects and diagnosis of infiltrative destructive pulmonary tuber culosis. V. N. Adamovich Probl tub. 44 no.1 32-37 '66.
- Clinical aspects, treatment and prognosis of pulmonary tuberculomas V.S. Anastasiev Probl. tub. 44 no s 26-32 '68.
- Determination of the healing processes in tuberculosis. I E kochnova. Soy med. 29 no. 11 3-9 N 168.
- Fragmentary thoracopiasty G. M. Kagolovskii, M. I. Medwedeva, A. G. Sidorenko, Grud, khii, 9 no. 1;79-82
- Morphological data on the problem of cor pulmonale in tuberculosas A.A.Birkun, Probl. tub. 44 no.1 60-66
- Masulov, I.N. [Pathomorphology of the endocrine glands in tuberculosis] Patomorfologlia endokrinnykh zhelez pri tuberkuleze. Pod red. R. I. Danilovoi. Tashkent, Mediksina, 1986. 105 p (DNLM)

#### TUBERCULOSIS (Continued)

Röenigenological pictures of Juffarent types of pulmonary tuberculomas A V Alchsandrova, N IA Demidchik Probl tub 44 no 1 20-25 '66,

Role of bronchoscopy in surgical intervention in caver nous forms of pulmonary tuberculosis G B Podgalets-Fit Zhur ush , nos 1 gorl, bol 19 no 4 65-68 Ji-Ag

Tuberculosis and collagen diseases T N. Oleneva Probl tub 44 no 1 37-43 'b6

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(see also subdivision under Orel)

Eight-year experience in using trachesbronchoscopy in a district dispensary — E.G. Beloslind — Probl. tub. 44 no.156-59 166.

TUBERCULOSIS-HOSPITALS AND SANATORIUMS see subdivision under Crimea

#### TUBERCULOSIS IN CATTLE

Make use of the achievements of science on tuberculosis in practice M. K. IUskavets, R. U Tuzava Vestbi AN 355R. Ser. sel'hasp nav no 41108-ill '66.

#### TUBERCULOSIS RESEARCH

Pathogenesis of fowl tuberculosis in manimals. R V. Tuzova Probl tub 44 no 1 65-69 '66.

TUFFITES see subdivision under Kremenchug region

(see also subdivision under United States)

In situ tesis of tugboats equipped with flanking rudders and steering nozzles. M. Tilevich Rech transp 20 no 7,24-27 Jl '61

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#### TULA-SOCIAL GROUP WORK

Hoovstores as clubs G. Hickey Knizh. torg 18 no. 1. 33 Ja 167.

#### TULA BASIN-MINE COMMUNICATION SYSTEMS

Designing communication equipment for underground transportation, and experience in its operation. P. F. Moiseev, A. M. Zhogov. Sbor. nauch, trud. FNIUI no. 10:173-181 '66.

# TULA BASIN-MINE RAILROADS-TIES

Reinforced-concrete mine valiroad ties with wooden Region Coal Scientific Research and Design and Construction Institute G. N. Romanchenko Shor, nauch, trud PNIUI no 10,211-214 '66.

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the course of recoinst ancascana and

#### TUMORS-TRANSPLANTATION

Comparative study of the effect of it radiated and nonirradiated plant extracts on the transplantability of tumor cells L M Kriukova, A M Ku/in. Radiobiologiia 2 no 4:567-568 162

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TUNDRAS see subdivision under Transbalkalia

TUNGSTEN see subdivision under Black Sea

#### TUNGSTEN-METALLOGRAPHY

Formation of packing defects in tungsten crystals fused by an electron beam G V Dudko, A P. Dostanko, O. V Mitrofanov, Elek. obr. mat. no. 1 \$3-34 *66.

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# TUNGSTIC ACID

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New harizons of an old country, travel notes. 1U Rubinskii, Nov yrem, 25 no 527-29 Ja 167,

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Analysis of the operation of mutually loading tunnel diodes. M. I. Andreev Radiotekhnika 22 no. i 100-104 Ja ¹67.

#### TUNNEL LINING

Determining du ability of lining of pressed concrete. G. P. Rekhviashvili. Transp strol. 16 no. 2:48-49 F '66.

Unified precest lining in shield tunneling S. N. Vlasov, IU. V Lavreshin, Transp. strol. 16 no 3 16-18 Mr '66.

Building a tunnel under a main line with intense traffic. N. F. Karasev. Transp stroi. 16 no. 2:15-17 F 166.

Overall mechanization and organization of labor in the construction of a small cross section tunnel. LA Vlasen-ko, V. P. Sabatdyr¹ Ugol¹ Ukr. 7 no. 3·23-24 Mr ¹63

Sinking shafts with lowering water levels in building tunnels. G N Kharitonenko, Fransp, strot. 16 no. 3; 48-49 Mi '86,

#### TUNNELS

The best innovator of the Tiflis Tunnel Construction Trust. M. A. Musin. Transpistrol. 16 no.2:32-33 F '66.

# TURAN PLATEAU-GEOLOGY, STRUCTURAL

Vol'vovskii, I. S., and others. [Tectonics of Turan Plateau] Tektonika Turanskoi plity. Moskva, Nauka, 1966. 286 p. (Akademila nauk SSSR. Geologicheskii institut. Trudy, no. 165)

# TURBINES

(see also subdivision under Kharkov)

Dilminating the flooding of oil in AR-1-3 turbines. V.N. Petrovskii. Koks i khim. no. 5 47-48 '62.

### TURBINES-DESIGN AND CONSTRUCTION

Calculating the losses through the radial clearance of turbine working blades. V. N. Zanadvorova, Energo-mashinostroenie 6 no. 10:16-19 O 460,

Improving the efficiency of turbine active cascades with low height blades. M.E. Deich and others. Teploener-7 no. 8 51-56 Ag 460.

laboration between institute and planta Energomashinostrocnic 0 no. 9:43

ness resulting from introducing 1P-1226) bearings for use in Rudavskii, M. I. Popovetskii, S. A. neft. obor, no. 11:34-35 '66. speed on optimum parameters of IA.A.Gel'igat. Neft.khoz. 44

irilling regime. V. G. Belikov, M. M. vys.ucheb.zav.; neft i gaz 9 no.8;

ion under Great Britain) f hydrogenerators. I, Droboglav, ., sta 37 no, 12;41-44 D '66, al phase operation in block-type ., K. Golovin, Elek, sta. 37 no, 12;

bility of oil supply systems of the large turbogenerators. L. IA, thers, Energ. i elek. no. 6:9-lt

reliability of battery fed ionic exciters enerators, V. P. Stepanov. Elek. 80 D '66.

A more precise interpretation of Pottel's diagram for large turbogenerators E. G. Kasharskil Shor rah pu vop, elektromekh no 445-20 460

Operation of the exetters of hydrogenerators using self-excitation network with single-system voltage compan-sator V. P. Stepanov Elek, sta 31 no 12 10-80

Special features of the calculation of the characteristics of idle operation and some parameters of model luth, generators, L. A. Sukhanov, Shora ake, po vopelektro mekh. no. 4 37-43 460,

Temperature check in thrust bearings of hydrogenerators A E Aleksandrov Elek, sta. 33 no 3:11-47 Mt. 462

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#### TURBOGENERATORS-STANDARDS

Russia (U.S.S.R.) Gosudarstvennyl komiket siandartov, mer i izmeritel nykli pribatov, [Hydraulic-turbine driv-en generators (Hydroolectric generators); tochak al ruon generators in introduced to generators, quiremental Generatory elektrichoskie gidroturbinnye (gidrogeneratory), tekhnichoskie trebovanija, 60% 6616-63. Izd.offislal'noe. Meskva [izd-ve Standartov] 1903, 15 p. (SSSR. Gosudarstvennyi standart)

#### TURBOGENERATORS-VIBRATION

Problems of vibration stability of the designs of the stators of large turbogenerators, L. IA, Stanbalayakit and others, Elektrichestvo no 1:0-11 Ja (6)

#### TURBOMACHINES

Determination of the efficiency of the feed pump of a unit with condensate turbed ive. E. I. Berevskii 1 ich sta. 37 no.12 35-38 D '66

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Effect of rated parameters of accodynamic circuit and of the profiling of blade rings on the mode of characteristics of an axial-flow turbonas him I Brusilovskii. From accoding as, 20,80-85 (46).

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#### TURBULENCE

Effect of the initial flow turbulence on the characteristics of an axisymmetric submerged jet. A.S. Ghevokli, K.A. Pochkina. Inzh.-fiz.zhui 12 no.1:15-10 Ja 4-1

Experimental determination of coefficient of vertical turbulent diffusion in water for settling particles V.I. Matiukhin, O.N. Prokofter. Show, rab, po gistos.

Simplified method to calculate turbulence of escending flow of slurry in oil and gas well comenting. H. Sh. Rakhimkulov. Naft-khoz. 44 no.10:27-31 () 166.

TURGENEY, IVAN SERGEEVICH, 1818-1803
Kuz'mina, L.I., and I.V. Stopanova, comps. [Ivan Sergeovich Turgenov in portraits, Illustrations, and the uments] Ivan Sergeovich Turgenev v portreiakh, Illinstratifakh, dokumentakh, Pod obshchel red. I.A. Blalego, Moskva, Prosvesichento, 1066, 308 p.
"Superfluous people" in Turgenov's and in Herizen's concept in the forties of the 10th contuny. G. N. Antonova, Nauch, dokl, vys. shkoly, filed, naukt 5 no 1: 108-117 '62.

# TURKESTAN-LAND TENURE

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# TURKEY-HISTORY

Turkish relations with England and the United States during the Second World War. V. Guseinov. 12v. AN Azerb, SSR. Ser. ist., filos i prava no. 3:41-40 '66.

# Turkey—marriage customs and rites When a Turkish girl gots married. D. Eremeev. Ax. i Afr. seg. 10 no. 1:50-51 Ja 167.

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Cilifical evaluation of reactionary trends in present-day Turklish bourgeois nationalism. IUsif Rustamov Izv. AN Azerb, SSR Ser. ist., filos i prava no. 3/01-99 '66,

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Figuritic terminology in Mahmud al-Kāshghai ī's dictionary "Dānān lughāt al-Turl," T.A. Borovkova, Izv. AN SSR. Scr. ht. i laz. 25 no. 6 528-531 N-D 166

TURKMEN LANGUAGE-BIBLIOGRAPHY see Bibliography-Turkmen language

#### THREMENISTAN-ANTIQUITIES

Exervations of the Dam-Dam cheeme ** yietto, a monument of primitive culture in vestern Turkmenistan G. E. Markov – Izv. AN Turk, SSR Ser obshehestv mark co. 3 45-91 ** 106.

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# TUNKMENISTAN—GAS INDUSTRY—FINANCE

Fromomic affectiveness of capital investments in petro-hum and gas industry of Turkman S. S. R. A. Habakuliev. Nett. khoz. 14 no.10;6-9 O '66.

# TURKMENISTAN-GEOLOGY-ECONOMIC ASPECTS

Hiliciancy of using capital assets of geological organiza-tions. S.K.Kittilla Izv. AN Turk. SSR Ser. obshchestv. 179k no. 5:32-43 466.

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Plan for geomorphological regionalization of southeastern Turkmenistan, A.G. Babnev Trudy Turk, goog ob-va

# TURKMENISTAN—HAWTHORN

History of hawthorn species introduction in Turkmenia, Rh, Esenova, 12v. AN Turk, SSR, Ser, biol, nauk no. 6,20-32 *66.

# TURKMENISTAN-HISTORY

Karryov, A., ed. [History of Turkmonistan] Istoriia Turkmonistana. Ashkhabad, Izd-vo Turkmonistan, Tur. 1988, (MU)

# TURKMENISTAN-HYDROCARBONS

Study of gasoline hydrocarbon losses from oils in western Turkmenin, I.S. Starobinets, A. Parpiev. Nauch. tokh. sbor, po dob.nofti no.3;71-76 '59.

# TURKMENISTAN—HYPOTENSION

Changes in the vegetative nervous system in hypotension syndrome in Turkmentstan, M.A. Lysenko, A.S. Salyev, Trudy Turk, nauch, -issi, inst. klim., kur, i fiz, metod, lech. 3.53-72 '65.

# TURKMENISTAN—ICHNEUMON FLIES

Ichneumon flies (Hymenoptera, Braconidae), collected by enjeg quertz lamp in Turkmonia, their variability and morphological adaptation to life in a desert. V.I. Tobias. Zool.zhur. 45 no.12:1804-1814 '66.

# TURKMENISTAN-LOCUSTS

FOCUSES of Morocco locust at the border of the U.S. S. R. and fran. E. TSyplenkov. Zashch, rast, 12 no. 1; 55 \$67.

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Construction of bases in the Turkmen S.S.R. G.G. Sereda, Razved, i obb, near 26 no. 8;59 Ag *60,

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Formation of the acolian rolled in the northern part of the western Turkmenistan Lowland A.T. Levadnisk Trudy Turk, geog. ob-va no. 2 139-150 (6).

#### TURKMENISTAN-SOLAR RADIATION

Radiation and thermal balance of the Turkmen S S R, N. IA. Miagkov. Trudy Turk, geng. oh-va no 2 174-200

#### TURKMENISTAN-WORMS, INTESTINAL AND PARASTRIC

Bird halminths in southern districts of Turkmenia VV. Kibakin Izv. AN Tunk, SSR, Ser, biol, nauk no. 5:85-89

Helminths of Spermophllopsis leptedactylus in Turkmenia, IA, Babaev Izv, AN Turk, SSR, Ser, biol, nauk no. 5:72-7B 160.

### TURNER, GENRIKH IVANOVICH, 1858-1941

In memory of Genrikh Ivanovich Turner, D. A. Novezhilov, Ortop., travm, i protez, 27 no. 12:73-78 D '66.

# TURNING

Cutting conditions in turning built-up steel. L. N. Solovia ey. V. D. Kononenko. Mashinostroitali no. 1:22 Ja 167.

The "lynasty of the Romanovs." M. Korolev, M. Stepichev. Agitator 34 no. 4;20-24 F 167.

Use of non-standard turpentine for diluting eleoresins. V. I. Efimenko and others. Gldroliz. 1 lesekhim, prom 15 no. 5:19-21 My '82.

### TURPENTINING

Experience in the use of repeated streak cutting, G.IA. Rodin, Gidreliz, ilesokhim, prom. 15 no. 5'23-24 My '62.

Loningradskii naucimo-isslodovatol'skii institut lesnogo khozinistva. [Recommendations for prolonged and short-form tapping of pine stands using a new tech-nology] Rekomendatsii pe udilnenaol i kratkosrochnol podsochke sosnovykh nasazhdenii s primenentism novot tekhnologii. Leningrad, 1966. 17 p. (DNAL)

New methods for the processing of spruce gum and tur-pentine. I.I. Bardyshev and others. Gldrellz.1 leachtm. prom. 15 no.5:5-7 My '82.

Pay greator attention to the development of electrosin production. A.F. Poliskov. Gidroliz, i lesekhim, prom. 18 no.5:3-5 My 182.

#### TUVA A.S.S.R. -- ARCHAEOCYATHIDAE

Find of remains of Archaeocyathi in "Protecozoic" of southeastein Tuva, G. M. Vladimirskii, V.V. Volkov, I T. Zhuravleva, Dokl. AN SSSR 171 no 6 1393-1395

#### TUVA A.S.S.R. —GEOGRAPHICAL RESEARCH

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#### TUVA AUTONOMOUS PROVINCE-BRITHOLITE

Britholate from alkall rocks of southeastern Tuya, V I, Korkin, IU, A, Platenko, A V Byłova Frudy IMGRE no 4,96-93 '60,

# TUVA AUTONOMOUS PROVINCE-ROCKS

Structural position and age of rare metal-bearing grani-toids in eastern Tuva—IA, D. Shenkman—Birl MOIP, toids in eastern Tuva IA, D. Shenk. Old gool 36 no. 3 143 My-Je '61

#### TUVA AUTONOMOUS PROVINCE-SAFFLORITE

Brown and yellow products from smaltine and safflorite oxidation, L. K. IAI-hontova, Trud, Min. muz. no. 12: 156-170 [6].

#### TUVA AUTONOMOUS PROVINCE—SMALTITE

Brown and yellow products from smalline and safflorite evidation E K lAkhontova, Trudy Min, muz, no 12 156-170 '61,

#### TUYMAZY REGION (BASHKIRIA) -- PETROLE UM CEOLOGY

Correlation of the productive Devonian sediments in the Tuymazy field K.G.Trushina. Nauch -tekh sbor.po dob nefti no 8,13-18  $^{+}60$ .

#### TWIST DRILLS

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#### TYPHOID FEVER

Case of recurrence of typhoid fever. Sh G.Shakhbazov Sov.med 29 no.10:63-64 O '66

Characteristics of the course of typhoid, paratyphoid and other diseases in neuropsychic patients.
Clos. nauch. -issi, inst, psihh. 26 296-304 161.

Clinical and epidemiological analysis of a water-borne outbreak of typhoid fever, I.B. Otaraev and others. Sbot.nauch.trud SOGMI no 10.36-40 '81

Clinical aspects of recidivations of typhous and paratyphous diseases, N.M. Patarkallshvili, Soob. AN Gruz, SSR 27 no 2-241-245 Ag '61.

Relapsing typhoid fever. A. IA, Ukhov. Sov. med. 30 no. 1:161 Ja 167.

### TYPHOID FEVER-MICROBIOLOGY

Colicin formation by typhoid bacteria. S. T. Mnatsakanov, Biol. zhur. Arm. 10 no. 10:105-107 O *66. Functional state of the liver in typhoid and paratyphoid bacterial carriage. T. N. Golubchikova. Sov. med. 29 no. 10:39-102 O *65.

### TYPHOID FEVER-PREVENTIVE INOCULATION

Vi-antigen of Salmonella typhi following repeated administration to children 3-7 years of age. Report No. 2. R. A. Chernysheva. Zhur. mikrobiol., epid, i immun. 44 no. 149-54 Ja 187.

# TYPHOONS

The ocean is attacking. I. Sheinis. Az. i Afr. seg. 10 no. 1-6-7 Ja 167.

# TYPHUS FEVER

Some regularities of the course of typhus fever infection of the epidemic and endemic types in guinea pigs. V. F. Ignatovich, Zhur, mikrobiol., epid, i immun. 44 no.1: 102-107 Ja '67.

#### TYRNYAUZ REGION (KABARDINO-BALKAR A. S. S. R.)-**ILVAITE**

livaties of Tyrnyauz ore zone. A, D, Kalenov, S, V, IAkov-leva. Zap. Vses. min ob-va 95 no. 8:719-722 '66.

# TYRNYAUZ REGION (KABARDINO-BALKAR A. S. S.R.)-STOPING (MINING)

Stereophotogrammetric surveying of stopes in Tyrnyauz region. B. I. Beliaev, B. I. Buzinov, N. G. Shli'nikovskaja Izv. vys. ucheb, zav. ; gor, zhur. 8 no. 9:27-31

#### TYROSINE

Participation of tryptophan and tyrosine residues in pro-true luminescince V P Bubtovich, S V, Koncu. Ventel he BSSR Ser buil no. no 4 110-113 166

#### TYUMEN'-CLERKS (RETAIL TRADE)-DISEASES AND HYGIENE

 $B_{\rm L}$  a friend of sports  $-\Lambda$  Dlugach - Soy profsoluzy 23 no 1,28-30  $~J_{\rm sh}$   $^{-1}67$ 

### TYUMEN'-COLD STORAGE LOCKERS-DESIGN AND CONSTRUCTION

Our gift to the country. B. Stepanov, M. Bychkom Na stroi Ros. 7 no 12 20 D 166.

# TYUMEN PROVINCE-ALCOHOLISM-PREVENTION

Antialcolloffe vork in Tjument Province S A Volpianskii. Trudy Gos. nauch -1881, inst psikh 26 380-384 let.

# TYUMEN' PROVINCE—COMMUNET PARTY OF THE SOVIET UNION—MEMBERSHIP

The selection should be more careful K. Shullgin, Part zhian' no, 3 40 F '57,

# Sheherbina, B. E. [Tyumen' meridian] Tlumenskii meridian. Sverdlovsk, Stedne-Ural'skoe knizhaoe izd-vo, 1986, 73 p. ilius. (CSI-H) TYUMEN' PROVINCE-ECONOMIC CONDITIONS

TYUMEN PROVINCE-SOCIAL CONDITIONS Petroleum and people, K. Lagunov, Nov. mir 12 no. 7 197-218 Jl 166

### TYUMEN' PROVINCE-WARBLE FLIES-EXTERMI-NATION

Reliable remedy against warble fly larvae. F. Sidorenko, IU. Rastegaev. Zakup. sel'khoz. prod. no 12:47-48 D

# UBIQUINONES

Election paramagnetic method for studying abiquinones in mitochondi ia and animal and plant tissues and vitamin K in Escherichia coli B. V. L Chumakov, I. P. Kalini-chenko, A. E. Kalmanson. Biotizika Il no 5-410-913 '66

# UCH-KURGAN HYDROELECTRIC POWER STATION-HYDRAULIC TURBINES

Field studies of unsteady processes in hydraulic turbines of Uch-Kurgan Hydroelectric Pover Station - K. A. Shramkov - I rudy Gidroproekta no 13 135-149 *68

# UCHUR VALLEY—GEOLOGY, STRATIGRAPHIC

Basic problems of the Late Pro-Cambrian stratigraphy in the Uchur-Maya region, S. V. Nuzhnov. Biul, MOIP, Cad. gaod. 38 no. 5-138-139 S-O '61,

### UDDER

Effect of the level of feeding and the massage on the development of the order of heitfers. V. I. Ivanov. A. P. Beguchev. Vest, sel'khoz nauki il no, il'il2-li4

Lactation and the dynamics of internal pressure in the udder in mates | Kh, Diusembin | Fiziol 2hui | 52 udder in mates Kh, D no 11 1374-1378 N 166

Milk productivity of cows as related to the form of the udder. N.P. Bychkov. Dokl. TSKHA no. 45:37-43 | 159

# UDDER-BLOOD SUPPLY

Effect of milking stimuli on blood supply level in udder of marcs Z. Makbarova, Kh. Diusembin. Trudy hist, fiziol AN Kazakh, SSR 10 153-157 166

### UDMURT A.S.S.R. -BUDGET

Bushmakin, A.N. [Development of the state budget of the Udmurt A.S.S.R.] Razvitic gosudarstvennogo biudzheta Udmurtskoi ASSR. Izhevsk, Udmurtila, 1966. 106 p.

### UDMURT A.S.S.R. -COMMUNIST PARTY OF THE SOVIET UNION

Training is necessar; N. Russkikh, Part. zhizn' no. 3. 39 F '67,

# UDMURT A.S.S.R. -- PETROLEUM GEOLOGY

Archangel oil field, and prospecting problems of new oil-bearing region M.I. Ostrovskii, V.A.Shekhoda. G.D.Sevon'ko Guol nefti i gaza 10 no. 12:38-41 D 166.

### UFA ... CONSTRUCTION WORKERS

Saikin, L.G. [About us builders] Pro nas, stroitelel. Ula, Bashkirskoe knizhnoe izd-vo, 1960. 38 p.

# UGARITIC LANGUAGE

Segeri, Stanislav. [The Ugaritic language, Translated from the German] Ugaritiskii lazyk. Moskva, Nauka, 1965, 101 p. (IAzyki narodov Azil i Afriki) (NNC)

# UGLICH (YAROSLAV L PROVINCE)-GUIDEBOOKS

Kovalev, I.A. [Uglich; a guide to the city and environs]
Uglich; puteroditel' po gorodu i okresinostiam. [IAroslavi', Verkhne-Volzhskoe knizhnee izd-vo, 1965] 183 p. slavl', Vo

# UGLICH (YAROSLAVI. PROVINCE)-MINERAL WATERS

Treatment of chronic diseases of the liver and bue ducts by the use of Uglich unneral water and parafffn V A Lileev Vop, Fur , fizioter i lech fiz Fullt 27 no 6 193-500 R-D 162

# UKHTOMSKII, ALEKSEI ALEKSEEVICH, 1875-1942

The use and development of the principle of causation in A.A. Ukhtomekil's studies on the activity of the net vous system. IU.A Savin Vest, Mosk on Ser. 8 Filos. 21 no 6 39 40 N-D '66

#### UKRAIND

TSlupa, I.A. [Our country, the Ukraine] Ukraina - ridnyl brai. Kyiv, Veselka, 1965. 205 p. (MIU)

#### UKRAINE -- ACTINOMYCES

Effect of actionnycetes on some bacteria of the wheat thirosphere Report No 2 K I, Andriuk, O, V. Vladymyrova, I A, Koriova. Mikrobul Abu 24 wo 5 8-15 102

# UKRAINE—AGRICULTURE—ECONOMIC ASPECTS

Chernenko, M.S. [Significance of electrification in the creation of a material and technical foundation for communism, an economic outline based on the agriculture munism, an economic cultime based on the agricultified of the Ukrainian S.S.R.] Znachennia elektrifikatsii u stvorenni material'no-teknichnoi bazy komunizmu; politekonomichnyi na195 na materialakh sil'skoho hospoda1stva URSR. [Kyiv]. Vyd-vo Kyivs'koho univ., 1964. 250 p. (NcD)

Useful manual on the economics of agriculture, V. Kraevol, G. Klepla, F. Kutsenko, Komm. Ukr. 36 no. 9: 92 95 S 160

#### UKRAINE-AIDS TO NAVIGATION

Hee of reflectors as navigational aids on the small rivers of the Uki olne. D Popeiko Rech transp 20 no 7; 15 J1 61

# UKRAINE-ALLIED INTERVENTION, 1918-1920

Balkoti, P.M. [A finakless war; the insurrectional and guerrilla struggle of the Ukraintan people against the White Guards and foreign interventionists in 1918-1920) Vina beg flashiv, partygans/to-poyetans/ta bor of 'ba ukrains't hoho narodu proty bifohymi ditisty ta interventiy u 1918-1920 rr. Kyiv, Naukova dumka, 1966. 300 p.

# UKRAINE—AMBER

Amber in Ukraine, IU.V. Semenchenko, Min. abor. 20 no. 2 201-207 166

# UKRAINE—ASPERGILLUS

Distribution of fungi of the genus Aspergillus in the soil of the condult/20sphere in ten steppe and forest steppe provinces of the Ukrainian S. S. R. M. M. Pidoplichko, V. S. Moskovets!, N. M. Zhdanova Mikrobiol 7hu 24 no 5,3-8 162

# UKRAINE—BIBLIOGRAPHY

[New books of the Ukrainian S.S.R.] Novi knyhy URSR nos. 29-36 O-D '66, no. 1 Ju '67.

# UKRAINE—BLAST FURNACES

Effectiveness of the use of excess pressure and physical heat of blast futnees gas in metallungual plants of the Ukramisn S. S. R. L. I. Galinovskii, I. V. Kovalt, A. A. Matveev, Frieng, relekt, no. 6 50-52 N-10 (66

# UKRAINE-BOOK INDUSTRIES

Glorious pages of history. N. Koval' Knizh. torg 18 no 1:41-43 Ja 167.

# UKRAINE-BOOKSTORES

Books on commission. I., Kushnir. Unith, torg. 17 no. 11 il N 186.

# UKRAINE-CABBAGE-DISEASES AND PESTS

Resistance of cabbage to fusarium yellows, E.E. Fomin, E.S. Dovgal' Trudy KHSKHI 56'119-121 '66.

# UKRAINE—CHEMICAL RESEARCH

Present and future development and scientific trends in the Institute of the Chemistry of Polymers and Mono-mers of the Academy of Sciences of the Ukrainian S, S. R. Dop AN URSR no 7-972-973 182

# UKRAINE-CHEMISTRY, INORGANIC-CONGRESSES

Ukrainan Scientific Conference on Problems of Inorganic Chemistry, R. A. Kostrova. Dop. AN URSR no. 10:1367-1369 486.

# UKRAINE-CLUB MOSSES

Distribution of the mountain club-moss (Lycopodium Selago L.) in the Ukraine Z. F Katina, Farmatsev, zhur, 17 no. 2:64-57 [62.

#### UKRAINE-COAL MINES AND MINING-LABOR PRODUCTIVITY

Prospects for the expansion of coal mining in the Ukrain-ian S S, R in the new five-year plan. N. M Khudosov-tsev, Ugol' 42 no.1,8-10 Ja '67.

# UKRAINE-COKE INDUSTRY-MANAGEMENT

Proposals for the centralization of maintenance and a the Ukrainfan S. R. G. I Shandi cuko - Loka i Flara, no 7 48-50 - 162 work in the coke and conf chemicals industry

# UKRAINE—COLLECTIVE FARMS—INTERFARM COOPERATION

the collective farm production contacts and their role in the building of communism. A. Evdokimov. Roma. Ukr., 36 no. 9.26-30 S 460.

# UKRAINE-COLOR IN INDUSTRY

In the Technical and Economic Council of the Ministry of Construction of the Diamian S. S. R. Prom. drd. i mich, 2001. 8 no. 6:41 N-D 166.

# UKRAINE—COMMESION MERCHANTS

For a thorough elaboration of the history of factories and plants. S. Marlinskii, Komm. Ukr. 36 no 9-20-02 S 160.

# UKRAINE—COMMUNIST EDUCATION

Pitov, V.I., and V. Popov. [Study communism; from the practice of educational work in the schools of higher education in the Ukrainian S.S.R.] Uchit'sia kommunizmu, iz opyta vospitatel'noi raboty v vuzakh Ukrainskoi SSR. Kiev, Izd-vo polit, lit-ry Ukrainy, 1965. 26t p. (InU)

Some problems of educational work under presented a conditions. A Skaba, Part, third no. 1:52-50 1 157

Toward a new advancement in party education. Assum. Ukr. 36 no. 9;3-11 S 160.

# UKRAINE-COMMUNIST PARTY OF THE SOVIET UNION

Reports and election party meetings and conferences, Komm. Ukr. 36 no. 9:12-16 5 '60,

Reports of district party committees. Part. zhizni no. 2 63 Ja 167.

# UKRAINE—CONFECTIONERY INDUSTRY—COSTS

Production costs and ways to increase the profubility. O. I. Cherminko, Schieb, i hand, prom. H. va. 1998. Je. 103

# UKRAINE—CONSTRUCTION INDUSTRY—MANAGEMENT

Forms and methods of the work of public economic (4) is etls E. Vorob'eva Ekon, stroi. 9 no 1:37-40 J: 'n'

# UKRAINE—CONSTRUCTION INDUSTRY—SCHEDULING

Some conclusions from the experience of introducing network scheduling. O. A. Vereshchagtin-IAnko. Trom. strot. 44 no. 12:12-14 466

# UKRAINE-CRIMINAL LAW

Some characteristics of the eriminal codes of the the the nan and Georgian Sovict Republics - D. Hr. ovskitt, M. Ko-makhtidze - Sots, zakon. - 38 no. 7/24-30/31/461

# UKRAINE-CRIMINAL PROCEDURE

Ukraine, Laws, statutes, etc. (The criminal procedure code of the Ukrainian S.S.R., with amendments as of July 1, 1963) Kryminal ino-professual in yi kodeka Ukraine kof SR; iz zminamy i dopovnouniamy na i lypnia 1969 roku, Kyiv, Derzh, vyd-vo polit lit-ry URSR, 1964. 222 n. URSR, 1964. 222 p.

### UKRAINE---CULTURE

Shovchenko, L.A. [The development of Soviet Ukraini us culture, 1959-1968] Rozvytok ukrains'kol Ruddans'kol kul'tury v 1959-1905 rr. Kyiv, Naukova dumka, 1967, 1998-1998 re. Kyiv, Naukova dumka, 1968-1998 re. Kyiv, Naukova dumka, 1967, 1968-1998 re. Kyiv, Naukova dumka, 1968

# UKRAINE—CYBERNETICS—RESEARCH

Present and future development of cybernetics acades h m the Ukraine and the organization of the Institute of Cybernetics within the Academy of Sciences of the Ukrainian S. S. R. Dop AN URSR no. 7 870-871 152

## UKRAINE-DIAMONDS

Crystallomet photogy and physical proper ties of diamon l placers in Ukraine - IU, IU, IU, R. F. Kanhk trov, R. A Polkanov, Min, sbor, 20 no 4:400-497 166.

### UKRAINE-DRUG INDUSTRY

Work of the medical supplies industry of the Ukrainian S.S.R in 1962 and its tasks for 1963, M.H.H.ua. Farmatsev, Aur., 18 no. 3:17-21 163.

### UKRAINE-DRUGSTORES

Results of the accomplishments of the pharmacoulical network in 1962. Farmatsey thur. 13 no. 3:11-16 to J

# UKRAINE-ECONOMIC RESEARCH

Professor S, M. IAmpol'nkyt's paper "Economic problems of economic reform," Dop. AN URSR no. 12 1619 '96

# UKRAINE-EDUCATION

Shevehenko, L.A. [The development of Soviet Ukraintan culture, 1959-1966] Rozvytok ukrains'kol Radians'kot kul'tury v 1959-1965 rr. Kyiv, Naukova dumka, 1967.

# UKRADIE—E LECTIONS

Balying on the initiative of the masses V Nizhnik, Againer 34 no 4-6 P 467

# UNRAINE-ELECTRIC POWER PLANTS

| Realize of the use of excess pressure and physical | Lateful extra name gas in motally gload plants of the Uranuan \(^5\) S. R. D. I Calmovskii, I. V. Koval', \(^1\) Altreev, Entry, elek, no 650-52 N-D '66

Organization of the construction of thermal electric power plants according to the continuous operation method, S.A. Pidzhirints — Energ, stror no. 7-3-12 [66].

#### UKRAINE -- ELECTRIFICATION

Cremento, M.S. [Significance of electrification in the creation of a material and technical foundation for com-munism, an economic outline based on the agriculture of nunsin, an economic outline mased on the agriculture the U-rainian S.S.R.] Znachennia elekti fikatsii u stvoreni material'no-tekhnichnoi bazy komunizmu, politekonomichnyi narys, na materialakh sil'skoho rospodarstva URSR. [Kyiv], Vyd-vo Kyivs'koho univ., 1964. 250 p.

### UKRAINE-FARM BUILDINGS

Procest reinforced concrete in rural construction in the Utramian S.S.R., V.V. Zakharehanko Bet, i zhel - bet no 12 536-540 D [61]

# UKRAEVE—FISHERIES

Imputance of grebes to the Ukrainian fisheries, 1. O Smogorzheve'kyr, Nauk Zap, Kyiv, un 18 no. 185-91

#### UKRAINE-FOREST ECOLOGY

Practices in using poplar as associated species in grow-ing cd-pine plantations in the Ukraine. G. I. Red'ko. Izvijstucheb zavi, les zhan. 9 no 6:38-40 '66.

#### IKRAINE ---- FROGS

Ecolog, and economic significance of the edible frog (Rant caculenta L.) in the Urraine IU, I, Pashchenko Nucl., 2ap Kylv un. 18 no. 193-H7 159.

#### HERAINE -- FUNGI

Quantity of microscopic lungi in the rumon of cattle in winter and in summer V.S Sivers Mikrobiol, thui 24 no. 5:51-58 *62

# UKRAINE—FURNITURE—EXHIBITIONS

Republican II shibition-Fair of Furniture for 1968. K.M. 130,d3, A.M. Provorovalkyt Lia, hosp., 115, pap. 130, prom. no 131-31 Ja-F 487

#### UERAINE-GAS, NATURAL-GEOLOGY

Basic problems of developing prospecting for oil and gas in Ekrainian S. S. R. B. S. Vorob'ev. Neft. i gaz prom. no.8:4-7 N-D '66.

Efficiency of prospecting for oil and gas in Ukrainian S.S.R. V. M. Zav kalov and others. Noft igaz prom.

Search Prospecting during seven-year plan in Ukrainian S. S. R. L. A. Petroy. Neft. i gaz. prom. no. 6;1-4 N= D '66.

# UKRAINE—GENETICS

Uktabilan conference on present state and future development of genetics and genetic foundations of selection (Kiev). V. P. Zosimovich. Genetika no. 12-172-124 [66,

# UKRAINE—GEOLOGY—BIBLIOGRAPHY

Author index of literature on the geology of the Ukraine, 1956 V M. Dolhova, Geol zhur 21 no 190-94 161.

# UKRAINE-GEOLOGY, STRATIGRAPHIC

New data on Middle Miocene sediments in central part of Moldavia and adjacent regions of Ukraine. V.Kh. Roshka, F.Z. Mitsul. Izv. AN Mold. SSR no. 8:34-40 '05.

# UKRAINE-GEOLOGY, STRUCTURAL

Diagram of fault tectonics of the Ukraine, L. I. Chebanen-ko, Dokl. AN SSSR 167 no. 2:406-408 Mr 100.

Restorical nature of regional gravity gradients in the Utrainian crystalline shield V. M. Bielanov, K. F. Tiapkin, V. D. Kharytonov, Dop. AN URSR. no. 12 1581-1584 (6).

Studying the rate of propagation of clastic waves in grapites of Ukrainian sideld funder isostatic pressure of up to 1500 bar ). D. V. konniens. Geoffz, shor. no. 17:22-35 165.

# UKRAINE-GRAIN TRADE-EMPLOYEES

Awarded a high honor. V. Igoreva. Zakup. sel'khoz. prod no. 8:17-50 Ag '66.

#### UKRAINE--GRANTTE

Petrological characteristics of granitoids of Ukraine. V. M. Sydorov. Dop. AN URSR no. 10,1329-1333 '66.

#### INTRAINE .... GUIDE BOOKS

[Guldebook for motoring tourists in the Ukraine] Putevodite! avioturists po Ukraine, Klev, Budivel'nyk, 1967. 197 p.

Agricultural significance of gulis (Larinae). O. B. Kis-tiskleskyi. Nauk, zap, Kyiv. un. 18 no. 1:69-73 159.

#### UKRAINE --- HISTORY

Arthusheako, 10111. [Events and people I saw and mot on my 1000 of the struggle for national independence, 1917-1966 [Podit I liudy an motemu shilishin beret'by za dorzhavu, 1917-1966. [Chicago] 1966. 221 p.

#### UKRAINE -- RIDUSTRIAL SAFETY

In the Technical and Economic Council of the Ministry of Construction of the Ukramian S. S. R. Prom. stroi. i mzh, soor, 8 no, 6:41 N D '66,

#### UKRAINE-INLAND WATER TRANSPORTATION

Multipur pose use of water resources and new valervays (conclusion). Z. Shashlov. Rech transp. 20 no. 7 39-10 31 61

#### UKRAINE—IOZITE

logite from arenaceous Tertiary sediments of Ukraine, IU O Polkanov. Dop. AN URSR no 10 1343-1341 '66

#### HKRAINE-KAOLIN

High-density refractories for blast furnace shafts on a Novoscittae kaolin base S A, Zhikharevich and others Queupoty 31 no. 12 1-5 D 166.

#### UKRAINE-LANDFORMS

Bhaic types and forms of collect in the Ukramian and Moldavian S.S.R. V.G. Bondarchuk and others. Geol zhur 19 no 6 29-36 159,

#### UKRAINE -- LUMBERING

Improvement cuttings and logging slash as a possibility of expanding lumber supply II. III. Tupytsia. Les. burn I der . prom. no. 3:148-163 '66.

#### UKRAINE---MARIUPOLITES

Geneals and structural characteristics of martipolites S. A. Rudenko Zap. LG1 43 no 2 3-25 162,

#### UKRAINE---METALWORKING MACHINERY-MAINTENANCE AND REPAIR

Conditions of the repairing of ractalworking equipment in the enterprises of the Ukraintan S. S. R. A. V. Cinte stati, Tekh i org, protzy, no. 6 1-3 N-D 166.

#### UKRAINE-MICA

Studying polytypism of trioctahedral micas in Ukvaine. V. I. Pavlishin. Min. abot 20 no 127-35 166

# UKRAINE-MILK-ANALYSIS AND EXAMENATION

"Quality Day," P. Danlievskil, V. Maseliuk, Zakup, sel'khoz, prod no, 11-22-23 N 166,

#### UKRAINE-MINERALOGY

Changes in physical proporties of mariupolite minerals of Oktyobe'kly Massif during weathering, O O Shumara, Dop, AN URSE, no. 10/1344-1347, 166

# UKRAINE—NONFERROUS METALS—CONGRESSES

Session of Science Council on problem of physics and chemistry of metallurgical processes in producing colored and rate metals. A.M. Espass. Dip AN URSR no. 10;1370-1371 166

# UKRAINE—OIL WELL DRILLING

Honomic estimation of use of turbine and rotary drilling in the Ukrainian S. S. R. M. I. Baronevskii, V. N. Panchenko, Neft i gaz. prom. no. 5:27-20 S-O 56.

# UKRAINE-ORTHOPEDIC SOCIETIES

Activities of the Republic Society of Traumatologists-Orthopediate of the Ukraine during 7 years (1059-1065), N. P. Novachenko, G. M. Sokol. Ortop., travm. i protez. 27 no. 12:71-73 D '68.

# UKRAINE-OTOLARYNGOLOGICAL SOCIETIES

Annual report of the Ukrainian Otolaryngological Society for 1956 A.I. Kolomtichenko, I.A. Mahan Zhui, ush., nos. i goul. bul, 19 no. 4 91-95 Jl-Ag 150

#### UKRAINE-OTOLARYNGOLOGICAL SOCIETIES-CONGRESSES

Minutes of the joint meeting of the Kiev branches of the Sciettes of April IV, 1959, E. N. Khokhol, V. A Gukovich. Zhur.ush., nos. 1 gorl bol. 19 no. 0 91-94 N-D 159.

### UKRAINE-OTOLARYNGOLOGY

Davelonment of ciclaryngology and the organization of laryngologic services in the western Ukraine during the years of communist rule, S.V. Mikhatlovskii, I.IA. Zhur.ush, ,nos.i gorl.bol, 19 no.4:71-74 Shapiro, Z. Ji-Ag 59,

#### UKRAINE-OTTERS

Otters in the Ukraine, their ecology and methods for their rational utilization. O. P. Kornistev, Nauk, 20p. Kyiv. un. 16 no. 1:9-58 159.

# UKRAINE—PEDIATRIC SOCIETIES—CONGRESSES

Minutes of the joint meeting of the Kiev branches of the Ukrainten Republican Otoleryogological and Pediatric Societies of April 17, 1959 E. N. Khekhol, V. A. Qukavich. Zhur ush., nos.; gorl. bol. 19 no. 6 91-94 N-D 559.

#### UKRAINE-PETROLEUM GEOLOGY

Basic problems of developing prospecting for oil and gas in Ukraman S.S.R. B.S. Volob'ev. Keft 1 gaz prom no.6;1-7 N-D '66.

Lifficiency of prospecting for oil and gas in Ukrainian S.S.R.  $V_{\rm c}$  M. Zav'ialov and others. Noti i gaz prom no 6,8-11 N-D 166

Search Prospecting during seven-year plan in Ukrainian S.S.R. L A. Petrov Mest i gaz prom no 6:1-1 N-

# UKRAINE-PETROLEUM PRODUCTION

Potential of profit growth in petroleum production industry of Uhrainian 3, S, R - F, S, Mikhallehik - left i goz prom - no 6:32-35 N-D '66

### UKRAINE-PHARMACISTS

Personnel and the preservation of socialist power L. H. Shmaruk Tarmatsev. zhur 18 no. 3 81-84 '63

#### UKRAINE—PHARMACY

Bitef nevs and information. Parmatsev. zhur. 18 no. 3: 93-95 163

Development of pharmacy in the Ulliams, Report No. 2, I M Hubsikyi Farmatsev, zhur 17 no 2 61-66 162

Appeal of the delegates of the First Congress of Ukraman Pharmacists to the workers of the pharmaceutical science and practice. I armateev that 18 no 3.2-10.163.

Decisions of the First Congress of Pharmacists of the Ukrainian S.S.R. Formatsev zbur. 18 no. 3 3-6 '63

#### HKRAINE--PLACER DEPOSITS

Crystallomouphology and physical properties of diamond placers in Ukruine. IU IU IU:k, I F Kashkatov, IU A, Polknov Min shor 20 no 4 190-497 766

#### UKRAINE-POLITICS AND GOVERNMENT

Peliura, Symon. [The Moscow louse; uncle Semen's story describing how Moscow lice devour the Ukraine and what we should do with them] Moskovs'ka vosha; opovidannia diad'ka Semena prote, tak moskovs'ki voshi idlat' Ukrainiu ta shcho z nymy treba robyty Paris, Biblioteka im. S. Pelliury i Naislonalistychne vyd-vo v Evropi, 1996—100

# UKRAINE—POPULATION—CONGRESSES

Conference on the problems of the population in the Ukrain A. IA. Vest stat no 1.78-79 167

Discussion of the problems of the population of the Utraine, G Kiscleva. Nuch, dokt, vys. shkoly, ekon nauti 10 no.1 98-99 '87,

# UKRAINE-PRINTING INDUSTRY-FINANCE

Ukrainian printing industry F S Savitskii Poligr, protzy no. 1 5-7 Jr *83

# UKRAINE—REFORESTATION

1 ffect of deer on referentation D, V, Vladyehevs'kyt Lis, hosp., Lis, pap i der prom no 120-22 Ja-F 167

#### UKRAINE-RELIGION

Hrushchevs'kyl, Myklailo. Z istorii religiinoi dumky na Hradni, From life history of religious thought in Ukraine, 2. udoskonalene vyd. Winnipeg, Ukrainian Evangelical Alliance of North America, 1982, 180 p. (CU)

Hatton, Metropolitan of Whindpeg and all Canada, [Pre-Christian beliefs of the Ukrainian people; a monograph on the history of religion] Dokhrystians'ki viruvannia ukrains'koho narodu; istorychno-religina monografiia. Winnipeg, Nakiadom Vydavnychol Komisii pry Tovarystvi "Volyn", "1965, 424 p. (Volyniiana, no.14) (OCU). (OCU)

# UKRAINE—RESEARCH

Organization of acientific research work and preparation of personnel by the institutes of the Academy of Sciences of the Ukrainian S S. R. together with institutions of higher learning of the Ukrainian S.S.R. Dop AN URSR no. 7:911-072 '62.

### UKRAINE-REVOLUTION, 1917-1921

Astakhova, V. I. [Artem's revolutionary work in 1917 and 1918] Revolutisionnala delatel nost Artema v 1917-1918 godakh. Khar'kov, Izd-vo Khar'kovskogo univ., 1966, 176 p.

Dalkovi, P.M. [A flankless war; the Insurrectional and giorrilla struggle of the Ukrainian people against the White Guards and foreign interventionists in 1918-1920] Vina bec flanhiv, partyzansiko-povstansika borotiba ukrainsikolio narodu prety bilohvarditisiy ta interventiv u 1918-1920 rr. Kyiv, Naukova dumka, 1966. 300 p.

Petitura, Symon, [The Moscow louse; uncle Semon's story describing how Moscow lice dovour the Ukraine and what we should do with them] Moskows'ka vosha, opovidannia dlad'ka Semena pro to, ink moskows'ki voshi ldiat' Ukrainiu ta sheho z nymy treba robyty. Paris, Bibliotoka im S. Petitury i Natsionalistychne vyd-vo v Evropi, 1906, 100 m. 1986, 100 p.

Suprunenko, M.I. [Skeiches of the civil war and foreign intervention in the Ukraine, 1918-1920] Ocherki grazhdanskoi voiny i Inestrannoi interventsii na Ukraine, 1918-1920. Moskva, Nauka, 1966. 454 p. (InU)

#### UKRAINE-REVOLUTION, 1917-1921-PERSONAL NARRATIVES

Arthushenko, Turli, [Events and people I saw and met on my road of the struggle for intional independence, 1917-1966] Potti i liudy na molemu shliakhu borot'by za derzhavu, 1917-1966. [Chicago] 1966. 221 p.

#### UKRAINE-RHIZOSPHERE MICROBIOLOGY

Distribution of fungs of the genus Aspergillus in the soil of the corn throughout the steppe and forest steppe provinces of the Ukrainian 5.5 R M M Pidophehko, V S. Moskovetsi, N M Zhdanova Mikrobiol zhut 24 no 5 3-8 162

Effect of actinomycetes on some tacteria of the wheat rhizosphere Report No 2 K I Andri ak, D V Vladymyrova, I A Kozlova. Mikrobiol zhur 1 no 5 8-15 162

#### UKRAINE -RUNOFF

Stilly of causes of decreasing of annual streamflow in southern part of Ulraine, 1948-1962 P F Vishnevskii, I G Rubtsov Shor rab pogidiol no 6 3-11 '66

#### UKRAINE-SCIENTIFIC APPARATUS AND INSTRUMENTS

Publication of collective information volv "New appara-tus for secentific research developed by institutes of the Academy of Sciences of Ukramian S. S. R. "Dop AN URSR. no. 12 [120-162]. [66]

#### UKRA INE-SHREWS

Foology of the shrew Sorek an aneus L in the Ukname V, O. Mozhaherin Nauk zap Kyiv un 18 no. 1 59-68 159.

#### UKRAINE-SLAVIC STUDIES

The Seventh Conference of Ukrainian Slavists. F M Beletskif and others Sov slav no 1:113-116 467

#### UKRAINE-SOIL FAUNA

Analysis of soil insects of the Trostvanets Arboretum and Mikhaylovka virgin lands, N L Nesterenko, Nauk, zap Kylv un 18 no l*137-113 '59

#### UKRAINE-SOIL MOISTURE

Soil moisture in grain-beet crop rotation I G Zakhar-chenko Pochvovedenie no 3 34-41 My *60.

#### UKRAINE-SORGHUM-DISEASES AND PESTS

Bacterial streak of sorghum and Sudan grass in the Ukraine L T. Pastushenko Mikrobiol zhur 24 no 5:65-69 '62,

#### UKRAINE-STATISTICS

[The Ukrainian S.S.R. in figures for 1965; a brief sta-tistical abstract] Ukrains'ka RSR v tsyfrakh v 1965 rotsi, korotkyi statystychnyi dovidnyk Kyiv, Sta-tystyka, 1966 2139

#### UKRAINE-STEREOCHEMISTRY-CONGRESSES

Second Ukrainian Conference on Atom Arrangement and its Effect on Alloy Proposities. H T Fashkova Dop AN URSR no 10 1369-1370 '66

#### UKRAINE-SUDAN GRASS-DISEASES AND PESTS

Bacterial streak of sorghum and Sudan grass in the Ukraine, L.T Pastushenko Mikrobiol, zhur 24 no 5 65-69 '62.

#### UKRAINE-SUNF LOWERS-DISCASES AND PESTS

Role of the methods of cultivation practices in ridding sunflowers of Scienotinia libertiana, A. I. Lukashev, chr Tindy KHSKHI 56 122-129 '66

# UKRAINE-THEATER

Bilets'ka, L.K. [Soviet Ukrainian theater today] Ukrainis'kyi radians'kyi teatr s'ohodni. Kyiv, Znannia, 1965. 39 p. (CaOTU)

#### UKRAINE-TIMBER

Studying the output of sawn timber from beech logs. K.S. Khudin, IU. M. Ben¹ko, M. I. Gerbei. Les.bum.i der.prom. no.3;81-85 ¹66.

# UKRAINE-TIRES, RUBBER-RETREADING AND

RECAPING

Development of tire repair units in the Ukraine, I.A.

Moun Tekh, i org, proizv, no, 6:102-104 N-D '66.

# UKRAINE—TRADE UNIONS

Klimenko, V.K. [On a businesslike approach in trade-union work] O delovitosti v profactuznoi rabote. [Mo-skva] Profizdat, 1966. 60 p. (Bibliotechka profaciuz-nogo aktivista, 110, 33(153))

#### UKRAINE-TRAUMATISM

Activities of the Republic Society of Traumatologists-Orthopedists of the Ukraine during 7 years (1959-1965), N. P. Novachenko, G. M. Sokol, Ortop., travm. i protez. 27 no. 12:71-73 D '86.

# UKRAINE-VERTEBRATES, FOSSIL

Tophonomic characteristics of Nizhneye Krivche spelean deposit of fossit vertehrates. H.O. Bachine'kyi, K.A. Tatarynov. Dop. AN URSR no. 10 1348-1351 '66.

#### HKRAINE-WHEAT-IRRIGATION

Quality or grain under irrigation V Senlivyi, V Ivanov. Zemiedelie 29 no 1:37-30 Ja *67

#### UKRAINE—WOOD-USING INDUSTRIES

Striting the 1967 anniver sary year I, V, Romanov hosp., hs , pap 1 der, prom no. 1 1-4 Ju-T 167

#### UKRAINE-WORLD WAR, 1939-1945-PERSONAL NARRATIVES

Pihido-Phavoboi ezhnyi, F. [The Great Patriotic War] Velyka vitchyzniana vitna. Winnipeg, Vyd. Novoho shliakhu, 1954. 229 p. (Politychno-vyzvol'na biblio-teka, no. 2(6))

#### UKRAINE-XANTHOMONAS

Bacterial streak of sorghum and Sudan grass in the Ukraine L. T. Pasti shenko Mikrobiol zhur 21 no 5 65-69 462

#### HKRAINE -- ZOOLOGICAL MUSEUMS

Zoological Museum of the Kiev State University, on the Office of the Great October O P. Kornieiev, Nauk, zap Kvív, un 18 no. 1:5-7 150

#### UKRAINE, WESTERN-FORAMINIFERA, FOSSIL

New finds of Forammufera in Upper Devonian sediments in the western part of the Urraine O. R. Konoplina, V P Kravchenko Geol Ann 19 no 6 99-101 159.

#### UKRAINE, WESTERN-HISTORY

Ripets'kyl, Stepan, [Uku ainian-Polish case before the court of world public opinion] Uku ains'ko-pot'skyl protses 1918-1923 pered svitovym trybunatom. New York, Ukr. publitsystychno-nauk, in-t, 1963. 38 p.

#### UKRAINE, WESTERN-IRON ORES

Types of iron and iron-manganese mineralization in the western provinces of the Ukrainian S S, R V, F I centak Geol zhui 21 no 1 25-34 [6]

#### UKRAINIAN ART see Art, Ukraintan

#### UKRAINIAN LANGUAGE

Zhovtobriukh, M.A. [A course in the present-day Ukrain-ian literary language] Kurs suchasnoi ukrains'koi litera-turnoi movy. Vyd. 3. Kyiv, Radians'ka shkola, 1965-(Ne U)

#### UKRAINIAN LANGUAGE-AFFIXES

Verbs with the secondary prefix "po-" in the Old Ukrain-ian language from the 16th to the 16th century, 1, 1, Rotzenzon Trudy UzGU 95 121-175 159

#### UKRAINIAN LANGUAGE --- DIALECTS

Dezsó, László. [Sketches on the history of the Transcar-pathian dialects] Ocherki po istorii zakar patskikh govo-rov Budapest, Akadémiai Fiadó, 1967—305 p. maps

#### UKRAINIAN LANGUAGE-LEXICOGRAPHY

observation of the glossary and criteria of the selection of words in the Dictionary of the Ukrainian language, based on mater isl of fits let volume A. A. Hurachok, Leksykol, ta leksykog, no 2 106-113 '66.

The grammar in the Dictionary of the Old Ukrainian language of the 14th -15th centuries, U, IA (Ediling'ka, Leksykol, to leksykogr., no. 2,134-143, '86.

Lexicographic treatment of verbs of momentaneous meaning, I, S, Nazarova, Leksykol, ta leksykogr, no 2-123ing, 1, S. Phraseological word combinations in the Dictionary of the

rinascological word combinations in the Dictionary of the Old Ukrainian language of the 14th-15th centui 6es, V. L. Karpova, Leksylol ta leksykogr, no 2:141-152 '66, So-called distorted words in the Dictionary of the Old Ukrainian language of the 14th-15th cemurier ("ven'tsova (1)"), L. L. Humeis'ka, Leksykol, ta leksykogr, no 2:153-158 '69,

Types of interpretations of verbs with the prefix "do-"
in the Dictionary of the Ukrainian language, I. A,
IUrchuk, Leksykol, ta leksykogr, no 2,114-122 '66,

### UKRAINIAN LANGUAGE-PARTICIPLE

Some characteristics of the functioning of passive participles in "-nyi (-tyi)" in modern Ukrainian, i Hnatiuk, Leksykol, ta leksykogi, no, 2;26-32 '66,

# UKRAINIAN LANGUAGE-VERB

Synonymous verbs in "-ty" and "-tysia" in Ukrainian, L. A. Korobchyns'ka, Leksykot, ta leksykogr, no. 2-13-25 '66,

Verbs with the secondary prefix "po-" in the Old Ukrain-ian language from the 16th to the 18th century. L. I. Roizenzon Trudy UzQU 95-121-135 '50.

# UKRAINIAN LANGUAGE-WORD FORMATION

Derivational variants of names of inhabitants in Russian and Ukrainian. V.O. Horpynych. Leksykol, ta leksykogr, no. 2 33-41 /66,

# UKRAINIAN LANGUAGE—WORDS

Changes in the levical system of the Ukrainian language during the years of the seven-year plan. A. A. Moskaten-ko. Leksykol, ta leksykogr. no. 2,13-12 '66, Variant pairs of names of persons according to their occupation in modern Ukrainian. L. O. Rodnina. L. oksy-kol, ta leksykogr. no. 2,142-52 '66.

Vocabillary of temporal concepts in Ukrainian, M.P. Kocherhan – Feksykol ta leksykoga – no. 2/53-63 (6),

#### UKRAINIAN LITERATURE -- PERIODICALS

"Radians'le literaturoznavstvo" No. 1 1961 Vop. lit. 5 no. 9 2 16-237 S '61.

UKRAINIANS see subdivision under Canada

#### UKRAINKA, LESIA, 1871-1913-TRANSLATIONS. ENGLISI

The rendering of the einten folidore elements in the long-lish translation of Levia the aink 1% "I or out song "
V P Bereryns kyi Ino filol no 6:28-35 '6d

# ULAN-UDE-MCAT INDUSTRY

We must raise the efficiency of production. K. Hunney, Part, zhizn' no. 2-28-31 Ja '67,

#### ULAN-UDE-VOCATIONAL EDUCATION

The Plan-Ude cooperative vocational school | P. Zabolds+ kii Sred spets obr. 13 no 7;54-55 Л 900

# UL'DZHAY, LAKE (OMSK PROVINCE)—EARTIS, MEDICAL AND SURGICAL USES OF

Lifect of applications of mud from Lake Uldshay (Qual) Province) on the content of potabiling in the heart of white rats O, A, Serebi content Vop.kur., fizioter I lech fiz.kur!t. 31 no.6/537-538 '66.

UL'IANOV, ALEKSANDR IL'ICH, 1866-1087

Life like a torch. Mol. komm. no. 1:40-53 186.

#### UL'IANOV L'AMILY

[Lenin and the Ul'lanov family in Podol'sk] Lenin I Ul'lanovy v Podol'ske. [Moskva, Mosk. tabochil, 1967]

ULTRABASITE see subdivision under Dzhusaly Valley: Sayan Mountains, Siberia

#### ULTRASONIC TESTING

Application of ultrasonic flaw detection to investigate the inclusion content of 1 immed steel ingota. V. I Gubar' and others. Defektoskopin 2 no. 5:35-40

Determination of ABO system antigens in hair. Report No 2 Detection of ABO system antigens following effect of ultraround on batt N. N. Acherkan Sud, -med ekspert, 9 no 1-30-35 O-D 166,

Effect of the electric load on frequency characteristics of an ultrasonic flaw detector, A, S, Golubey, V, F, Ivanov, V, I, Safonov, Defektoskoplia 2 no. 5r40-18

Diffect of the auriace roughness of an object on acquittyity of ultrasonic testing by immersion methods. A. F. Mellianovich, S. K. Pavros. Defektoskopiis 2 no. 52

Mel'kanovich, S. K. Pavros. Defektoskopila 2 no. 5; 25-31 [66].

Mechanical stabilization of contact between an ultragaste transducer and the object being checked. B. V. Kontluku, Defektoskopila 2 no. 6;16-20 [66].

Portable ultrasonic pulae thickness measuring device operating on semiconductors. IU. A. Nechney, I. Elmolov, Defektoskopila 2 no. 6;16-15 [66].

"Sensitivity" and " angle of wave entry" in ultragame flav detection. A. K. Gurvich. Defektoskopila 2 no. 6;71-72 [66].

Theoretical study of hapir relations of the electroacountic circuit of a resonance thickness measuring device, V.S.Grebennik, I.N.Ermolov, Defektoskopita 2

V. S. Grebenius, A. N. Il moroy, Defendings, no. 5:12-25 '66,
Theory of an acoustically consenant multilayer piezoelectric transducer, L. G. Merkulov, 1 IAblonik, Defektoskopiia 2 no. 5:3-11 '66,

Using ultrasonic and radio wave measuring methods in mining. A.A. Ivanov and others. Izv.vys. ucheb.zev; gor zhur. 8 no 10:138-142 '65.

ULTRASONIC TESTING—EQUIPMENT AND SUPPLIES Determining properties of pleroceramic plates used in flaw detectors. L. A. IAkovlev. Defektoskoplia 2 no. 5:32-35 '66.

Directionality diagrams of inclined detectors, A. h. Gurvich, Defektoskoptia 2 no.6:4-0 100.

# ULTRASONIC WAVES

Theory of transfer phenomena connected with election drag by ultrasenic wayes in solids IU. V. Calleny. Fiz.tver.tela 8 no.11;3360-3372 N '60

Theory of ulti asonic omittors in a general physics course. B. I. Kallanov. Lzv. vys. ucheb. zav.; fiz. 0 no. 6;103 - 164 '96.

# ultrasonic waves—industrial applications

Continuous processing of grape juice with ultrasonic waves G.N. Gasiuk, I. P. Dul'neva. Kons. i ov. prom. 21 no.12,5-7 D 166.

Study of the hardening of concrete in an autoclave by the ultrasonic pulse method. A. F. Shchurov, G. N. Sukhov Strof. mat. 7 no. 11:36-38 N 161.

Uitrasonic conveyor unit for the cleaning of trolleys and gambrels, IU. Zaias and others. Miss, ind. SSSR 38 no. 1:8-12 Ja 167.

#### ULTRASONIC WAVES-INDUSTRIAL APPLICATIONS (Continued)

Using diffrequale techniques in artistic treatment of crammental atones 1, Ter-Szarlev, P Suvation, V. (Urkelevich, Prom Arm, 9 no 1156-56 66

Using altragonic waves in grinding magnetic allays, S. G. R. d'ho, G. A. Kezlov Stan, tinett 18 no 1 30-31 Ju 167.

#### ULIRASONIC WAVES-PHYSIOLOGICAL EFFECT

Fifect of ultrasonic oscillations on Mycobacterium uborculosia. V.S Zolotov. Vest. selldroz. nauki [Kozakh.] 10 no.1:11-80 Ju 167

#### ULTRASONIC WAVES-SCATTERING

Ultrisionic wave scattering in monodisperse graphite (15) ensisted 1, G. Mikharlov, I S. Koltnova, A K. Ikvdurtani Vest, I GU 21 no 22 56-61 (66

#### ULTITASONIC WAVES-THERAPEUTIC USE

Effect of altrasonic waves on alcor patients M. K.
Satraov Vop kart, fizioter i lech, fiz, kallt 27 no. 6
503-510 N-D 162

Ukrascand design in physiotherapy. E.S. Padalka. Vop. 1911., fizioter il loch-1 fiz kult. 31 no 6:561-562 666 illi hasund treatment of lumbasacral radicultity. V. IA Vissua, A.C. Mantefoy, A.F. Ferrnieva. Trudy Turk. nuch - itsel, inst. klim., kur l fiz. metod, lech. 8:32-41 65.

lise of ultranound in the treatment of inflammatory discases of female generative organs F D Aniskova, S.A. Zharskata, Sov. med. 29 no 10 50-52 O 466

#### ULIRAVIOLET RAYS

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Flotostabilizing action of some suffix and nitrogen-contaking compounds during ultraviolet in radiation of puly-aunidus. N. M. Pavlov and others. Plast, massy no. t. amides, N. 50-58 167,

Ultraviolet radiation at various heights in cloudless actrosol atmosphere, V.A. Belinskii, B.A. Sementhenko Tundy GGO no 184:3-21 166,

#### ULTRAVIOLET RAYS-EFFECT ON PLANTS SOC Plants, Effect of ultraviolet rays on

ULTRAVIOLET RAYS-PHYSIOLOGICAL EFFECT Fifeet of ultraviolet irradiation on nitrogen-fising capacity of Azotobucter. T. H. Zimenka, N. M. Harnak, M. K. Kuvaleer. Vestel AN HSSR, Ser bilat, nav. no. 4-65-

iffert of ultraviolet is radiation using the FRK-7 iamp on the growth and physiological state of calves—R.Driadets-ka, Dokt. TSKHA no. 45:163-167 '59.

Will aviolet in andiation of young pigs until the uge of 4 meritis with the ran pose of stimulating their growth and he rensing their rensistance to discusses. A.V. tzerws. P. A. Richkov, G. F. Sakharov. Dokl. TSKIA no. 54:131-136 [58]

# UL'YANIVKA REGION (UKRAINE)-JOINTS (GEOLOGY)

Fossil desiceation fisoures in Triassic conglomorates, M. M. Rai lov, Gool, zhui. 21 no, 2:108-109 161,

# UL'YANOVEK-AUTOMOBILE INDUSTRY-MANAGEMENT

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# ULTYANOVSK-CITY PLANNING

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# ULYANOVSK-CONSTRUCTION INDUSTRY

Pressing needs of Ulyanovsk builders. Cl. Pen'kovskii, M. Goscherenko, Na stroi. Ros. 7 no 12:10-19 D

#### UL' YANOVSK-CONSTRUCTION INDUSTRY-MANAGE-MENT

Pressing problems of mechanization. V. Prokoflev. Na strat, Ros. 7 no. 12:10-20 D 160,

UL'YANOVSK-DESCRIPTION
Following the example of V. I. Lenin's life and work,
V. Sverkalov. Part, zhizn' no. 347-21 F '67,

# UL'YANOVSK-HISTORIC HOUSES, ETC.

What should Ulyanovak be like? I. Rolin, Okliahri 43 no. 12:129-132 D 166.

# UL YANOVSK PROVINCE-EDUCATION

Grgaria, S.P. [The work of the Ul'vanovsk Province party organization in strengthening the ties of schools with life, 1956-1963] Delatel'inost' Ul'anovskot obtained partimel organizats it po ukroplenilu sviazi sikoly s zhizn'in, 1956-1963 gg. [Saratov] Privoizhskoe knizhnoe izd-vo, 1964. 35 p. (CSt-II)

# UMAN'—DROSOPHILA.—GENETIC RESEARCH Distribution and allelism of autosome lethals in two reproduction foci of Drosophila melanogaster population in Uman' (Ukrainian S. S. R.). M. D. Golubovskii. Genetika sto. 1:89-99 [66].

UMAN' REGION-WATER, UNDERGROUND Increasing the reserves of underground waters by means of autificial constructions. I. T. Hrudyns'ka. Gool, zhur 21 no. 1:82-83 161.

# UNDERDEVELOPED AREAS

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# UNDERDEVELOPED AREAS—COMMERCE—RUSSIA

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# UNDERDEVELOPED AREAS—CONGRESSES

Modern epoch and problems of the developing countries, materials of student conference in Moscov University Nauch, doki, vys. shkolv, chon nauki 10 no.154-56 '67

# UNDERDEVELOPED AREAS—ECONOMIC ASSISTANCE,

Canada and the Afro-Asian world, G. Volkova, Az i Afr, seg. 10 no. 1 23-25 Ja 167,

#### UNDERDEVELOPED AREAS-FOOD RELIEF. AMERICAN

Neocolonialism behind the "Food for peace" signboard M. Petrov. Nauch daki vys. shkolv. ekon nauki 10 no 149-53 '67

# UNDERDEVELOPED AREAS—FOREIGN ECONOMIC

RELATIONS—EUROPE AREAS—FOREIGN ECONOMIC RELATIONS—EUROPE, EASTERN Somin, N.S. [The Comcon countries and the developing countries of Asia and Africa] Strany SEV i razvivatushchiesia strany Azii i Afriki. Moskva, Znante, 1967. 46 p. (Novoe v zhizni, nauke, tekhnike. III Seriin-Ekonomika, no. 3)

#### UNDERDEVELOPED AREAS-FULL EMPLOYMENT POLICIES

Problem of full employment and the strategy of economic growth in the conditions of developing countries, M. Falkovsky. Ekon. 4 mat. meted. 3 no.1-61-69 Ja-P '07.

#### UNDERGROUND STRUCTURES

Building underground storehouse in Kvarell. G.A. Dzhakell, G.K.TSiminilla. Transp. stroi. 16 no.4-16-17 Ap -66.

Economic efficiency of flow diagrams of underground pe-trofeum products reservoirs in sait formations. F. M. Strazetdinov, G. Sh. Kudolarov, Transp i khran nefti i nefteprod. no. 11:32-35 166,

Exploitation of underground reservoirs of petroleum products, build in salt deposits. IU. G. Isupov. N. N. Khariev. V. A. Abakumov. Neft. khoz. 44 no. 10:81-

Khariov, V. A. Abakamov, rect. and 2.

64 O '66.

Methods for modeling processes in electrical networks
by means of automatic computers. S. M. Rozhavskii,
B. M. Il'chenko, Energ, i clok no. 6,34-35 N-D '66.

Spreading of water jets during leaching out of underground reservoirs IU, S. Vasiuto, V. I. Cherníkin. Transp. i khran nefti i nefteprod. no. II:18-23 | 66.

#### UNDERGROUND STRUCTURES-DESIGN AND CONSTRUCTION

Bullding underground structures using underground explosions. A.S. Dobina, N.A. Evetropov, Transp, stroi, 18 no. 4·47·49 Ap 166.

UNDERGROUND STRUCTURES-WATERPROOFING Eliminating scepage, A.P. Smirnov and others. Sirol, i arkhit, I en. 28 no. 6,29 Je 166,

UNDERGROUND WATER see Water, Underground

#### UNDERWATER ACOUSTICS

Acoustical method of measurement of distances between unevennesses located on ocean bottom. IU IU. Zhitkovskit. Okeanologita 6 no. 8:1080-1080 '65.

Determining some parameters of unevenness of ocean bottom by acoustical method, L.A. Volovova, IU.IU. Zhitkovskii. Okeanologita 6 no.6 1080-1085 '56.

### UNDERWATER BLASTING see Blasting, Underwater

### UNDERWATER CONCRETE CONSTRUCTION-**CQUIPMENT AND SUPPLIES**

Grishin, G.I. [Advanced technology and specialized machinesy and devices for transportation construction used in hydraulic port construction] Progressivala tekhnologila i spetsializirovannye mashiny i mekkanizmy transportnogo stroitel'stva, primeniaemye v gidrotekhnicheskom portovom stroitel'stve. Moskva, Mosk. zaochnyi stroit, in-i, 1965. 66 p. [MICROFILM]

UNDERWATER EXPLOSIONS Compacting embackments with underwater explosions, A.P. Kudulis. Transp. stret. 16 no. 3-51 Mr '66.

#### UNDERWATER PIPELINES-VIBRATION

Vibrations of underwater pipelines. P. P. Borodavkin, Q. B. Shadrin. Transp. i khran, nefti i nefteprod, no. ll:

Experimental wear of knit underwear. D. F. Simenenko. Izv. vys. ucheb. zav. itekh. leg. prom. no. 8:39-44 166.

How unemployment was eliminated in the U. S. S. R. A. S. Sycheva. Vop. ist. 42 no. 1:27-36 Ja *67.

# UNION CATALOGS see Catalogs, Union

UNION OF SOVIET SOCIALIST REPUBLICS see

# union republics

Anisimova, T.B. [Constitutional and legal forms of nationalities relations in the U.S. S. R.; a manual for universities of Marxism-Leainism] Gosudarsivennouniversities of markism-lenimsmij Gosudarstvenno-pravovje formy natsional'nykh otnoshenii v SSSR, dlia universitetov marksizma-leninizma, Moskva, Mysl', 1968. 64 p. (Osnovy sovetskogo gosudarstvennogo stroitel'stva i prava)

#### UNIONIDAE

Unionidae from group "Unio" sturi Rbrnes, their systematics and stratigraphic significance A L Chepalyga Irv. AN Mold SSR no 8 20-27 '65

UNITED ARAB REPUBLIC—HYDRAULIC TURBINES Water transportation of the runners of hydraulic turbines for the high Aswan Dam in the United Arab Republic M I Gal'perin, Energomashinostroenie 12 no 11 16-40 N 155,

#### UNITED NATIONS

New human rights charters I IAkovley, G. Zadorozhnyi, Nov. vrem, 25 no 8 9-10 ft '67.

The United Nations facing new problems. V Shestov. Mezhdunar, zhizn' 14 no. 2 26-33 '67,

# UNITED STATES—AGRICULTURAL WORKERS

Hired labor in the agriculture of the U.S. A. V. Zaitsev. Nauch, doll vys. shkoly, chan, nauki 10 no 1-41-48 '67.

# UNITED STATES-AGRICULTURE-ECONOMIC

Development of agrarian relations in the U.S.A. and absolute rent. E. Sollertinskara. Mir. ekon. i mezhdunar. otn. no. 284-93 '67.

# UNITED STATES—ARMY

Combat group of the United States Army in defense as revealed by foreign military press data. A. Petrov. Voln vest. 41 no 6:117-121 de '61.

UNITED STATES.—ASTRONAUTICS
The rocket and space "business." G Fygen'ev. Mezhdunar.zhizn' 14 no. 2,82-90 167.

#### UNITED STATES-ATOMIC WEAPONS-COSTS

Apologetics of "cheap" nuclear war, I Grishanko. Mir. ekon. 1 mezhdunar, otn. no, 1:124-126 167,

# UNITED STATES-AUTOMATION-ECONOMIC

ASPECTS
Irreversible law of bistory. I, Peshkin Nov. mir 38 no 10 259-262 O 162

# UNITED STATES-BARGES

Individual characteristics of American transport vessels. D. Pokrovskii. Rech. transp. 20 no. 7:55-58 J1 61.

# UNITED STATES-BUDGET

A common denominator, VI, Zhukov, Mezhdunar, zhizol 14 no, 2 136-131 167,

# UNITED STATES-COMMUNIST YOUTH

[Girl from the "Dubois Club"] Devushka iz "Kluba Liubua." Moskva, Pravda, 1987. 45 p. (Biblioteka "Komsomol'skoi pravdy," no. 2)

UNITED STATES—CRIME AND CRIMINALS Through the pages of the foreign press. Sets, zakon. no. 2:63-94 F '67'

Where is the root of evil? V. Lazarev, IA, Skliarevskii Sov. profsoiuzy 23 no.1:41-13 Ja 167.

UNITED STATES—DESCRIPTION AND TRAVEL On both sides of the ocean (conclusion). Viktor Nekrasov Nov mir 38 no.12 110-152 D 162

Strel'nikov, E.G. [IUlia, Vasia, and the President]
IUlia, Vasia i prezident. [Moskva] Moledaia gwardiia,
1866. 149 p.

# UNITED STATES—ECONOMIC CONDITIONS

The "new economy" of the U.S.A. V. Lan. Mir. eken. 1 meghdunar, otc. no. 1 103-114 187

Sarychev, V.C [The economic development of the U.S.A. in its present stage, a summary of lectures] Ekonomicheskee razvitte SShA na sovremennom etape, konspekt lektaii, Kiev, Kievskil in-t nar.khoz., 1965. 56 p (CSt-H)

# UNITED STATES-ECONOMIC RESEARCH

Organization of economic studies in the U.S. A. and Great Britain. V. Glushkov, V. Mastennikov, Mir. ekon, i mezhdunar. etn. no. 2:102-109 167.

# UNITED STATES—EDUCATION

New developments in education; reports from various countries. Nar. obr. no. 2-101-125 F '67.

# UNITED STATES-ELECTRIC POWER PRODUCTION

Magnetohydrodynamic method of electric power produc-tion. A. P. Salikov. Teploenergetika 7 no. 8,88-87 Ag 160.

#### UNITED STATES-ENGLISH LANGUAGE-CHRESTOM-ATHES AND READERS

sen ica leis (the U.S.A.) Z Navolina, har, obr., no l. lll. Ji. 167

#### UNITED STATES—FELDING

Proposation and dietril stron or folder in the U.S. A B Runo: Tekh v sc14-hcz 21 no 12 81-85 D '61

# UNITED STATES—FOREIGN RELATIONS

For unforeakable peace in the world IU Trisain Agitatot no 17 18-20 S 162

Popova, E I [U.S. 4, struggle with foreign policy prob-lems, 1919-1922] SShA bor ba po voprosam veesinel politiki 1919-1922 gg Mostva, BiO, 1966 350 p

# UNITED STATES—FOREIGN RELATIONS—AFRICA

"New lines" of the policy of Washington in Africa V Sibirskii Mezhdunar zhimi 14 no. 2 100-106 167

#### UNITED STATES-FOREIGN RELATIONS-EUROPE. WESTERN

Molchanov, N. N., [The U.S. A., and Western Europe]
SSEA I Zapadnana Europa Moskva, Znanie, 1967.
46 p (Novoc v zhizni, nauke, tekhnike. VII Seriia
Mezhdunarodnaia, no. 2)

# UNITED STATES—FOREIGN RELATIONS—GREAT

Angio-American "special relations" at the present stage S. Madzoevskii. Mir. ckon i mezhdunar otn. no. 1933-

The United States, England, and Europe, 1 Lemin Mezhdunar, zhizh' 14 no 2 41-52 '67

#### UNITED STATES-FOREIGN RELATIONS-LATIN AMERICA

Aggicssive policy of the United States in Latin America. R Leonido. Mezhdunar zhizni 14 no 2 73-81 167.

#### UNITED STATES-FOREIGN RELATIONS-PHILIPPINES

Anti-Americanism in the Philippines G.Orlov Az.i Afr seg 10 no 120-22 Ja 167

UNITED STATES-GOVERNMENTAL INVESTIGATIONS Undeclared war against the labor movement. P V Kostin Vop. ist. 42 no. 1 ii8-130 Ja 167.

#### UNITED STATES-HISTORY

Nevins, Allan and Henry S. Commager. [History of the United States of America. Translated from the English] Istorika Soedineunykh Shtatov Amerika. New York, F.A. Praeger [1881] 593 p (GEU)

#### UNITED STATES-INSECTS, INJURIOUS AND BENEFICIAL—BIOLOGICAL CONTROL

Microbiological method of pest control of field crops in U.S.A. N. P. Diadenko. Mikrobiologica 35 no.6;1104-1107 N D '66.

# UNITED STATES-LIBERTY OF THE PRESS

Freedom, the American vay G Aleksandrovich, V Strepetov Agitator 34 no 3 59-61 F 167

### UNITED STATES-MIDGET SUBMARINES

"Deepstur," A. A. Cherno, V. G. Samarin Prinoda no. 1:120-122 Jul 167.

#### UNITED STATES-MILITARY POLICY

How much does death cost? L. Taraskina Mol. komm. no. 10,106-107 466

#### JNITED STATES-PESTICIDES-ECONOMIC ASPECTS

Economic effectiveness of the use of pesticides in agriculture of the U.S. A. G. L. Koren'kov, A. S. Morozova, N. N. Romasliova, Khim v. scl., khoz. 5. no. 1.67-72. Ja. 167

# UNITED STATES-POLITICS AND GOVERNMENT

Freedom, the American way. G Aleksandi ovich, V Strepetov Agitator 34 no. 3 59-61 F 167.

From the "great society" to a war society Harry Free-man Nov. vrem 25 no. 6 13-15 F '87

### UNITED STATES-PROTESTANTISM

Reinhold Niebuhr's "Christian realism" as a manifesta-tion of the political timeserving of present-day American Protestantism IU F IAshinov Pyt ateiz no. 1 122-128 '65.

#### UNITED STATES-RELATIONS (MILITARY) WITH CAMBODIA

Provocations on the borders. B. Sakharov Mezhdunar, zhizn* 14 no, 2:131-132 *67.

# UNITED STATES—RELATIONS (MILITARY) WITH

Åir raids in Indochina. B. Teplinskii. Mezhdunar, zhizn 14 no. 2:53-63 167.

# UNITED STATES—STATISTICS

The material capacity of the gross national product' what is the problem? V. Zubehaninov. Mir. ekon i mezhdunar.ctn. no. 2;74-83 '67

UNITED STATES-TRACTORS-TRANSMISSION DEVICES Gentbox "Sciect-O-Speed" of Ford make. V. E. Malakhovskii, V. G. Karlov, G. I. Futniakov, Trakt, i sel'khozno. 1 42-46 Ja 167.

#### UNITED STATES—TRADE UNIONS

Differences in the trade-union movement of the United States, G Kuenetsov, Nov view 25 no 5 22 Ji 167

# UNITED STATES-TRUSTS, INDUSTRIAL

Hie elite of monopoly capital, 1, Dmitriev Mir ckon, 1 mezhdunar, otn no 2 127-138 '67,

UNITED STATES.—TRUSTS, INDUSTRIAL.—LAW
The class nature of "antitrust" laws in bourgeois countries.
O A, Zhidrov. Sov gos i pravo no 1125-130 Ja 457.

#### UNITED STATES-TUGBOATS

Individual characteristics of American transport vessels D Pokrovskii Rech transp 20 no 7:55-58 Jl [61]

UNIVERSAL DECIMAL CLASSIFICATION see Classification, Universal decimal

#### UNIVERSAL JOINTS (MECHANICS)

Installation of the universal joints of DM and AGMU trolleys N.F. Birukov Elek I tepl tiaga 10 no. 11-26-27 I. 56.

# UNIVERSITIES AND COLLEGES see subdivision under

#### UNIVERSITIES AND COLLEGES-ADMINISTRATION

Administration of an institution of higher education; problems relating to the improvement of the administration of lenging diffusers it. J., G. cmilako, D. A. Kerimov, Vest I GU 21 no. 23 166-167 '56.

#### UNIVERSITIES AND COLLEGES-BUILDINGS

Complex of buildings for the Admiral Makarov Academy M V Chernov Stroi , alkhit Len 28 no 7 32-33 J1

#### UNIVERSITIES AND COLLEGES-EXAMINATIONS

Brief news. Vech. sred. shkola 9 no. 3:93-95 My-Je '66.

UNIVERSITY AND COLLEGE LIBRARIES see Libratics, University and college

# UNJUST ENRICHMENT

Criminal responsibility for unjust cartchment and prohibited business operations, V IUI ev Sots zakon no 7 50-54 JI 161

# UNSATURATED COMPOUNDS

Interaction of asymmetrically disubstituted hydrazines with derivatives of α,β-unsaturated acids. Report No. 3; N-benzyl-N-phenylhydi a. ides of unsaturated acids. N. P. Žapevalova, T. A. Sokolova, Izv. AN S>SR, Sci. khim. no 12,2197-2200 '66.

Interaction of asymmetrically disubstitute hydrazines with derivatives of  $\alpha, \beta$ -unsaturated acids. Report No. 4. Reaction of N, N-dimethylhydrazine with  $\alpha, \beta$ unsaturated acid esters, N.P. Zapevalova, L.A. Ovsiannikova, T.A. Sokolova, Izv. AN SSSR, Ser. khim. no. 12 2200-2204 '66,

Some polyfluorinated enynes I, L Knuniants, E, IA Pervova Izv AN SSSR, Ser. khim no 1:71-74 Ja '67,

Synthesis and properties of some ethynylchlorosilanes, E. A. Chernyshev, G. P. Pavelko, Lv. AN SSSR, Ser. khim. no. 12:2205-2207 '68.

# UPPER EXTREMITIES see Extremitles, Upper

Effect of 5-bromouracil on genetic recombination of Escherichia coli in relation to the amount of thymine it replaces in DNA of donor cells. V. P. Shchipkov, 1 J. Samoilenko. Genetika no 12:90-105 166.

#### URACIL-SPECTRA

Optical properties and molecular structure of nucleicacids, and their components Report No. 1: Infrared spectra and molecular structure of uracil and its derivatives. B. I. Sukhorukov, V. TS. Alkarian, IU. A. Ershov. Biofizika 11 no.5;753-761 66.

#### URAL MOUNTAIN REGION-ECONOMIC GEOGRAPHY

Shuvalov, E.L. [The Unats; outline of economic geogra-phy Manual for teachers] Ural; ekonomiko-geografi-cheskii celerk Posobie dlia uchitelel. Moskva, Pro-sveshchenie, 1966, 198 p

# URAL MOUNTAIN REGION—INDUSTRIAL MANAGE-MENT—CONGRESSES

Institutions of higher learning aid production. From the conference in Syardlovsk. Sots.trud. 12 no.2:149-151

## URAL MOUNTAIN REGION-INDUSTRIES

in our Urals, N. Mylinikov. Sov. voin 43 no. 24:28-29

# URAL MOUNTAIN REGION—METALLURGICAL PLANTS—DESIGN AND CONSTRUCTION

According to the integrated schedule. B. Sokolov, Na stroi Ros 4 no 7 8-9 H %3

Achievements of constitutions of the Central Units, A. Polinkov. Na stroi Ros. 1 no 1 18 Jl 163

#### URAL MOUNTAIN REGION-MONAZITE

Typomorphic characteristics of accessory monarite from Alpine type veing of gubarchi Urale. V V Bulanov. I, V. Shvetgova. Min. sbor 20 no 4 595-599 ha

# URAL MOUNTAIN REGION....NEUROPSYCHIATRY

State of psychonem ological service in the provinces of Western Siberia and the adjacent provinces of the Provinces of I S, Iolovich, I, Z, Kopshitaer — Frudy Coss nauch — first paikh, 26,421-434-461.

# URAL MOUNTAIN REGION-PETROLEUM PIPELRIFS

Activity of pipeliners of the Ural-Shierian Petroleum Pipeline Administration, A Nochiev, P Minlis Neftiantk II no. 8 6-7 Ag 156

#### URAL MOUNTAIN REGION-PIPL MILLS-DESIGN AND CONSTRUCTION

Experience in the construction of a continuous-action pipe rolling mill. F. Kopylov Na strot. Ros 1 m to JP 163.

#### URAL MOUNTAIN REGION—PRECAST CONCRETE CONSTRUCTION

Total prefabrication is our ultimate pool, P.Gired o, A.Naumenko, Na stroi Roy, 4, no 7, 1-4, 31, 464

#### URAL MOUNTAIN REGION-REVOLUTION, 1017-1921—CAMPAIGNS

Plotnikov, I. F. [Ten thousand heroes, a legendary 13th of Urat region guerillas led by V. K. Minisher] Bentat' tysiach geroev, legendarnyi rold ural'skikh partitan voglave s V. K. Blinkherom. Moskva, Nanka, 1987. 211 p.

# URAL MOUNTAIN REGION—ROCKS, IGNEOUS

Mesozoic acid offusives in trans-Unal replon 1, P. 5mb nov. Dokl. AN 588R 172 no. 1;195-198 Jm 4st.

#### URAL MOUNTAIN REGION-VERTEBRATES

General characteristics of torrestrial vertebrates in the mountain regions of the Central Viala. F. M. Vormit sov. Uch. 20p. GGU no. 50:280-297-750.

#### URAL MOUNTAIN REGION-ZIRCON

Typomorphism and correlative significance of a century zit con of igneous and metamorphic for ks of substatilities and Timan Range. N.1 Walkin and others. 24m shor. 20 no.4 547-553 *66.

# URAL MOUNTAINS-BORING

Drilling multibottom holes in that deposits, S. I. Golikov, V. N. Zalozhnev, Rasved, I okh med "6 me, 8027-12 Ag 160.

#### URAL MOUNTAINS-CHALCOPYRITE

Hydrogeological conditions in the Kirilkol'soye chateopy. rite deposit V A. Albugachiev ( ) gool, 36 no 3 117-148 My-Je (6). Bird MOIP Oid,

URAL MOUNTAINS-COKE INDUSTRY-BY-PRODUCTS Ural polytechnical institue. M. V. Goftman, Roke I khito, no. 5 57 162.

# URAL MOUNTAINS—GEOLOGICAL TIME

Alpha-lead ago of some Ural minerals, A.A. Krasmilner. Geckhimiia no. 10 031-036 161.

# URAL MOUNTAINS—GEOLOGY, STRATIONAPHIC

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#### URAL MOUNTAINS-MINERALS

Alpha-lead ago of some Ural minerals. A.A. Krassobaev. Geckhimija no. 10-931-936 161

# URAL MOUNTAINS-PARAGONITE

Paragonite of quartz veins from eastern slope of f entral Urals. A. I. Belkovskii. Zap. Vses. min. ob-va "5 no. 6;722-726 '66.

# URAL MOUNTAINS—QUARTZ

Structure and genesis of one of crystal-bearing placers of mountain region. B. V. Rychov. frv. vys. ucheb, zav., geol, i razv. 10 no. 167-74 Ja 167.

# URAL MOUNTAINS—ROCKS—ELASTIC PROPERTIES

Quasi-anisotropy of clastic properties of some rocks in Urals N. I Khalevin, T. M. Koshkim Liv AN 585R. Fir zem. no 11:116-121 166.

#### URAL MOUNTAINS-ROCKS, IGNEOUS

Igneous rocks in the Polar Urals, N.A. Strin, Rhit, MOIP, Old, gool. 36 no. 5:79-101 S-O '61.

Role of postmagmatic phenomena in the formation of the Himen-Vyshnevyy alkali massif in the Urals. S.A. Rudenko. Zap. LGI 43 no. 2.26-37 '62

#### THAL MOUNTAINS-VERMICULITE

Using magnetic separation for vermiculite dressing. LA. Numbers V.I Revulviaev A.P.Diomidov Izv.vys utlebizavij garizlan 10 no 1,163-166 *67.

#### URAL MOUNTAINS-ZIRCON

Correlative significance of zircon M.I. Kurovets, Min., stor., 20, no. 1;532-540, [66]

#### UPATIOM see subdivision under Kinghizistan

# URANIUM-PHYSIOLOGICAL EFFECT

Medianism of manium action in a body of water, V.N. Gurkova, I.N.Garfehr, A.I.Tikhonova, Gidrobiol, zhut, 2 no. 6 53-57 166.

#### URANIUM FILUORIDE CRYSTALS

He macks might study of uranium tetrafluoride crystal hads its 5 and products of their delaydration. 10, V Gurra Rif., 11 L.Khanaev Zhan neorg, khim, 12 mr 110-115 da 167.

#### DRANIUM ISOTOPES

Abcolute the coology of tenozoic addiments, V, V, Cherdyntses and others, Lzy AN SSSR, Srr, gool, no.1 H-20 La 267.

Printing Isotopes in natural conditions. Report No. 2: Is the composition of aronium minerals VV Cher-isotace and others Cookimina no 10 840-848 [6]

11. (1) an ordern oxides | I., M. Koyba and others. V Mosk universe; 2; Kirlin. 21 no 6:29-32 N-D 66.

Builter of dissolution of an anium bioride. Part P Equathe s for apocific rate of dissolution of substances of valua shapes 1. A. Kanevakii. Radiobhimita no b: (1-670 66.

#### DRANGIM SALTS

P. eputation of aqueous solutions of trivalent manimi-V. 1. Per etrufblin, N. N. Krot, A. D. Gel'man Radio-Hamth, no. 6,670-673 '66.

#### DRANYL COMPOUNDS

thiratik anion complexes of manyl in nonequous solu-tia w V, M Vdoyenko, A, I, Skoblo, D, N, Sagiobov, Rallokhimila no 6 651-658 '66.

(c) quex for matter in the system UO₂(NO3)2 - H₂O₂ - ch₃ tenediaminetetra acetic acid - H₂O₃ L, P, Polosit antique L, F, Solutsova, A, M, Gurovich. Radio-Maintle no.6:658-664 66.

Tuna. leter osalate compounds of wranyl of pentacid type. R. N. Shehelokov, V. L. Belomenhykh. Zhur, neorg Hitm. 12 no. 180-100 Jul 167.

#### PHANYL PLUORIDES

'Hills of the reaction involved in the formation of uranyl for till, by incums of electric conductivity, A, A Voronthova, Zhu, neorg, khim 12 no, 1 108-110 Ja 67,

Intraction between around nitrate and nitrates of some metals in aqueous solutions—M. A. IAPimov, Ty-Ki. 5. 1. Nusewa—Radiokhimis no 6:646-651 [66]

are, huntarn of salt transfer through the interface in extrattlen oystems. V.S. Federov. Radiokhimita no.6;

### URDAN SOCIOLOGY see Seciology, Urban

Clinical significance of the urea-synthesizing function of the live 1 in infectious hepatitis G. F. Belov. Sov. med 3 (20) 11,74-76 N (66,

t our storagters studies of structure of crude complex in 1311 amide dowaring process. F. A. Chegodiev, M. F. Maritov, B. V. Klimenok Ivv. vys. ucheb. zav., neft i pag 9 no 8:51-53 466.

14. Alex or he mical analysts of the triple system on hamide-m-kronol- o-crosol. I. M. Rokhovkin, V. F. Chesnokov, Izv.vyn.ucheb...av. 1 len.zhm. 9 no.6:122-126 186.

Preduction and properties of alleysuifoureide, a new surface active agent. Repair No. 1. IU. M. Volkov. 1. N. Kulta. Mast. zhir. prom. 32 no. 10-28-29

Excelection and properties of alkylsulfoureide, a neural contribution agent. Report No. 2. IU. M. Volko L. M. Kulta. Masl. - Jhir. prom. 32 no. 11 27-28 H 146.

Synthesis of derivatives of N-phosphoryliminothiccarbamic acti and N-phosphorylimidourca. L.N. Levkova, P. I. Almov. Lev. AN SSSR, Sor, khim. no. 12:2218-2220

System succinic acid - carbamide - water at 25° and 40°C. D. P. Simochatovi, I. G. Druzhinin, S. D. Beskov, Phut, nuorg. khim. 12 no.1 199-202 Ja '67.

UHEA -- EFFECT ON PLANTS see Pluits, Effect of uren

#### UREA--PHYSIOLOGICAL EFFECT

Liffect of chim propamide on tissue tempiration of the liver in experimental chronic toxic hepatitis. N. Kh. Abdullaev. Biul.eksp.biol i med. 63 no 1:50-52

#### UREA-THERAPEUTIC USE

1 ffeet of tellutamide on blood cholesterol content in patients with tumor > V, M Dil'inan and others. Vop. onk. 13 no.1 30-12 '67

Results of the use of carbamide in the treatment of ceze-mas and neurodermits ES Pevrner, LN, Filatorich Sov med, 20 no 10 61-53 O *66

#### UREA CONDENSATION PRODUCTS

Photocolorimetric determination of the methylol group content of water-soluble carbamide 1 csns E.A. Naviazhekaia, V.S.Spoijkhina Lakokras mat, i ikh prim no 6 47-49 466

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Use of methane subber for the manufacture of spike heal taps for women's footweat. M A Allbam and others, Kauch. 1102. 26 no. 125-26 167

#### URIDINE PHOSPHATES

Hydroxylaminolysis of unidine diphosphate glacose and some of its analogs NK kochetkov and others.

Bokl, AN SSSR 172 no 3,603-606 Ja '67

#### URINARY ORGANS—DISEASES

of cancer of the cerviv uters. B. L. Lukhtan, M. Sacide-115, O. Drunglenc, Vop. onk, 13 no. 183-85 '67.

#### URINE-ANALYSIS AND PATHOLOGY

Changes in plasma alkali reserve and true urmary actifity in chronic coronary insufficiency during various stages. A. D. Khetaganov. Shor nauch trud. SOGMI no. 10.125-136-161

Comparative evaluation of Kimbarovsku's color sedimentation reaction of urine in the clinical aspects of internal discases, R.A.Prizhbel'skaia, Sbor, nauch trud SOGMI no.10 119-124 [6],

Comparative evaluation of new methods to determine the degree of hasterium in the diagnosis of chronic pyclonephritis. A. IA. Pytel', V. S. Risbinskii, V.E. Rodoman, Sov med 29 no. 10 3-10 O 166,

Study of the estrogens in the urine of patients with presentle psychoses, T.N. Nedbailova, Zhur, nevi i psikh, 62 no. il 1707-1711 462.

URITSKII, DANHL IAKOVLEVICH, d. 1966 Daniil (Akovlevich Uritskii; obituary. Khieb, i kond, prom. Il no.146 Ja 167.

Bellalkoy, J. [Urological diseases, their prevention and treatment] Urologitised balgused, neede valtimine ja ravi. Tallinn, Valgus, 1966, 51 p. (Teadus ja tervis) [in Fstonian] (DNLM)

# USSURIYSK-BUILDING MATERIALS

Utilization of wastes, F. lArmolenko. Na stroi. Ros. 4 no. 3.29 Mt 163.

#### UST'-BALYK OIL FIELD-MINES AND MINERAL RESOURCES

Minordogleal characteristics of Neocomion producing Inyer of Ustr-Balyk oil field in connection with condi-tions governing its formation. G. V. Masslennikova Dokl. AN SSSR 172 no 3.680-683 Ja 167

#### UST' KACHKA (PERM PROVINCE)-HEALTH RESORTS, WATERING PLACES, ETC.

Khoroshavin, N.G. [Therapeutic waters of UBU Kacika] Lochebnye vody Ust'-Kacikt. Izd. 2., dop. [Perm'] Permskoc knizhnoe izd-vo, 1966—138 p. (DNLM)

### UST'-KAMENOGORSK-FURNITURE INDUSTRY-MANAGEMENT

Life presents urgent problems. V. Kitacv. Nar. khor. Kazakh. 24 no. 11 15-17 N 166.

### UST'-KAMENOGORSK-MACHINERY INDUSTRY-MANAGEMENT

Operation and production planning in the workshop IA.Gal'perin Nar khoz Kazakh. 24 no 12 12-23 D '06.

UST'-LABINSK DISTRICT-SUNFLOWER SEED Largest sunflower crops in the Kuban. R.F. Manzhes. Masl. - zhir. prom. 33 no. 1:37 Jo 167.

# UST'-ORDA BURYAT NATIONAL AREA-FORAGE PLANTS

Use of lands with low elements of relief for forage crops in the northeastern part of the Ust'-Orda Buryat National Area G.IA, Sokolov, Izv. ISKHI no. 24,115-133

#### USTYURT-LANDFORMS

Phytogeographic indications of present evolution of topography of Ustvuit desert, S. V. Viktorov Biul MOIP.
Otd geol 36 to, 3 156 My-Je 461

#### USTYURT-PASTURES AND ME ADOWS

Ustvurt as a stockbreeding area 1.1 Granitov. Nauch trudy TashGU no. 210 89-74 '62

#### USTYURT-PLANT COMMUNITIES

Phytogeographic indications of present evolution of topography of Ust, urt desert S. V. Vivtorov Biul, MOIP Otd gool 3b no 3 156 My-Je 161,

#### UTERIS

Effect of the blood serum and sexual hormones present in the urine of pregnant women on the isolated uterus
M S Gigineishvili. Soob AN Gruz, SSR 26 no 6 717-

#### UTERUS-CANCER

Blood coagulation and fibrinolysis in cancer of cervis-uters following radiotherapy: J. Musiatowicz and others Mcd. rad., 11 no. 12 10-14, D. 166.

Carcinogenic effect of human and equine smegma on rat uterus in vitro. V. D. Todua Soch, AN Giuz. SSR 14 no. 3,777-781 D '66.

Combined rigid applicator for radioactive cobalt therapy of cancer of the cervix uteri A.I. Shramenko Med rad 7 no 10 63-66 O '62

Complications relating to the urinary tract in recurrences of cancer of the cervix uter: B I Lukhtan, M Sn 11s, O Drungiene. Vop. onk, 13 no 183-85 167.

Dosimetric substantiation of the method of biaxial pendilum radiotherapy in malignant tumors of the uterus A V Froiova and others Med rad 11 no 12 3-7 D 186

Results of diagnosis and treatment of erosion of the cervix uteri following genecological examination and hospital tests A.1 Stupko, A.1A kravets Sov. med. 30 no.1125-128 Ja 457

State of regional metastages in cancer of the cervis-uter in the second stage following combined ladio-therapy. E. B. Rozentul, G. M. Soroka. Vop. onk., 13 no. 1:31-83 *67

#### UTERUS-DISEASES

Treatment of cervix uters erosion of trichomonad etiology with Shostakovskii's balsam. A.P. Kolesov. Sov.med. 28 no 11 123-125 N 166.

#### HTOPIAS

Problems of social psychology in the theories of utopian socialists, V. V Ermoim Vest, LGU 21 no 23:141-

UZBEK LANGUAGE-GRAMMAR, HISTORICAL

Dialects of the "Turks" of Uzbek istan in their relations to the language of Old Uzbek literature G. F. Blagova, kh D. Dantiarov Vop. iaz. 15 no 6 92-108 N-D '66

# UZBEK LITERATURE—HISTORY AND CRITICISM

Abdumaylianov, A. A., and A. A. Babakhanov. [History of Uzbek literature] Istorlia uzbekskol literatury. Tashkent, Uchitel', 1966. 246 p.

# UZBEKISTAN—AGRICULTURE

Struggle for the steady rise of agriculture is a national cause. Nat khor, Uzb 3 no. 2 3-10 F [6],

# UZBEKISTAN—AGRICULTURE—STATISTICS

Economics of our republic Nar, khoz Uzb. 3 no. 2:74-

# UZBEKISTAN-AGRICULTURE, COOPERATIVE

Efforts of the party organizations of Uzbekistan to strongthen the alliance of the working class and passantry based on the development of the cooperation of rural tolicis, 1927-1929 St. O Orazimbetov. Trudy TashGU no.278 30-42 168.

### UZDEKISTAN—BOOKSTORES

In an advanced district. M. Prokhonova. Knizh. torg. 18 no.1:31 Ja ⁶67.

# UZBEKISTAN—BUDGET

Budget of the third year of the seven-year plan. V Murat-khodzhaev. Nar. khoz. Uzb. 3 no. 2-17-21 F *61

# UZBEKISTAN—CHEMICAL INDUSTRIES

New stage in the development of Uzbekistan's large-scale chemistry. A. Dullman, Nar. khoz. Uzb. 3 no. 2.40-47 F 161.

# UZBEKETAN-CHEMISTRY, TECHNICAL

Physics helps chemistry. N. Syrova. Nar, khoz. Uzb. 3 no. 2:84-85 F 161

# uzbekistan--collective farms

STRUGGLE OF THE FARMS

THE STRUGGLE OF THE STRUGGLE O

#### UZBEKISTAN-CONSTRUCTION INDUSTRY

In calchration of the jubilee year B 3.1 % hell Stroi in this Uzb. 7 no 12.1-4 D %6

#### UZBEKISTAN-COTTON GINS AND GINNING

Cotton procuring stations of Urbekistan, In Disciblines, Zakup scithus prof. no.1148-20 N 566

#### UZBEKISTAN-COTTON GROWING

Following Tursuna's example Har Phoz. Uzb 3 no 2 55 F '61

The true path. G Svenov Nar, khoz Uzb. 3 no. 2 28-33 I '61

#### UZBEKISTAH-COTTON-PICKING MACHINERY

Organizational voik in the mechanical picking of cotton G. Koshevniko. Nar. khoz. Uzb 3 no. 2 22-27 I 16.

#### UZBEKISTAN-ECONOMIC CONDITIONS

Akademila nauk Uzberskoi SSR, Institul Islorii i arkkeologii, [Studies on the history of the Uzber S.S.R., 1985-1985] Ocherli Islorii Uzberskoi SSR (1956-1965 gg). Tashkent, Fan, 1986. 231 p.

listory of the Stuggle of the Communist Party of Uzbelistan for further strengthening the alliance of the working class and collective farm peasantry, 1945-1958, S.A. Dmittica, V. Midurakimanov, IU I bingtimov. Trudy TashGU no 278-79-90-166, in the thud year of the serien-year plan. Nar. khoz. Uzb. 3 no 2.39, 56, 87. F. 191.

#### UZBEKISTAN-ECONOMIC POLICY

Realizing the decisions of the 23d Congress of the CPSU. Sh Rashido, Part, zhizn' no 2:10-18 Ja 167,

# UZBEKISTAN—EDUCATIONAL RESEARCH

Some questions of educational research in Uzbekistan, 1, K. Kedyrov, Sov. pedag, 31 no. 1 154-155 Ja 167,

#### UZBEKISTAN-FINANCE

Sabirov, Kh. R. [From the history of the state finances of Uzbeklstan] iz istorii gosudarstvennykh finansov Uzbeklstana. Tashkent, Nauka, 1966. 265 p. (CSI-H)

#### UZBEKISTAN-FRUIT CULTURE

The development of fruit growing and viticulture. M. Mar-zacv, R. Borozdin. Nat. khoz. Uzb. 3 no. 2 34-36 F 461.

#### UZBEKISTAN-FUR-BEARING ANIMALS

Geography of fur trade in Uzbekistan V P. Kostin Nauch trudy TashGU no. 210 83-94 '62

# UZBEKSTAN-GAS, NATURAL

Physics heips chemistry, N. Syrova, Nar. khoz. Uzb. 3 no. 2 84-85 Γ '6!

#### UZBEKISTAN-GOLD ORES

Mineralogy of supergenic gold in exidation zone of gold ore deposite of western Uzbekistan. R.P Badalova. Nauch trudy TashGU no. 234. Geol. nauki no. 20;97-103 fei.

# uzbekistan—History

Akademila nauk Uzbokskoi SSR, Institut istorii i arkheologii. [Studies on the history of the Uzbek S.S.R., 1956-1965] Ocherki istorii Uzbekskoi SSR (1956-1965 gg.). Tashkeni, Fan, 1966. 231 p.

Nabley, R.N., [The Tashkent uprising of 1847 and its seclosconomic premises] Tashkentskoe vosstanie 1847 g. i ego sotsial'no-ekonomicheskie predposylki. Tashkent, Fan, 1960, 78 p.

#### UZBEKISTAN-MINERALS

Regularities in the distribution and confinement of minerals in sediments of various factor groups as received by the studies of the Meszorc and Paleogene in Uzbekistan. E. 4. Kochnes Biul MOIP, Old. gool to no 5,132-133 S-O '61.

# UZBEKISTAN-MINING INDUSTRY

Profound analysis and not a statistic A Karnov. Nar thoz Urb 3 no 2 62-64 F 161.

#### UZBEKIS FAN-NATURAL RESOURCES

Problems in the utilization, conservation, and reproduction of the natural resources of Uzbekistan. Z. M Vramov and others, Izv. Uzb. fil. Geog. ob-va. 9.5-15 fil.

#### UZBEKISTAN-ORE DEPOSITS

Geochemical characteristics of complex metal deposits in western Uzbekistan G M Chebotarev. Nauch trudy FashGU no 234 Geol nauki no 20128-134 '64

# UZBEKISTAN—PETROLEUM PRODUCTION, THERMAL

Electric bottom zone heating of wells in fields of "Uzbchneft" Trust G \ Alidzhanov and others. Neft khoz. 14 no 11 34-37 N '66.

# UZBEKISTAN-PROSTHESIS

Development of proathetic aid in Uzbekiston. N.M., Shanatov, V V Sincv. Ortop., havm, i protez. 27 no. 12:69-71 D '66.

#### UZBEKETAN—PUBLEHERS AND PUBLISHING

by close touch with life, F. Hunusov, Nar. khoz, Uzb. 3 no. 2 88-90 F 161

#### UZBEKISTAN-ROAD CONSTRUCTION

Construction of rural roads in Urbekistan, L. Frenk, Avt. doi: 21 no. 11:20 N t61,

Large-scale blasting at "Mclovoy pereval"in highway construction. V.N. Poletaev. V'ryv.delo no. 51/91; 192-201 '66.

#### UZBEKISTAN-ROCKS, SEDIMENTARY

Regularities in the distribution and confinement of minerals in sediments of various factor groups as revealed by the studies of the Mesozoic and Paleogene in Uzbekistan. E.A. Kochney. Brul. MOIP. Old. gool. 35 no. 5:132-133 S-O '61.

#### UZBEKISTAN-RURAL CONDITIONS

Bifolts of the party organizations of Urbekistan to strengthen the alliance of the working class and peasanty based on the development of the cooperation of tutal tolters, 1927-1929 Sh. O Orazimbetov. Trudy TashGU no 278

#### UZBEKISTAN-SOCIAL CONDITIONS

The Communist Party of Uzbekistan in the struggle for further strengthening the alliance of the working cluss and pensantry during the first years of the large-scale building of communism, 1959-1963. F A Gareeva, E. A Dyorkina, D N, Pak Trudy TashGU no. 278 91-109 '166,

# UZBEKISTAN-THEATERS-DESIGN AND CONSTRUCTION

Architecture of music and drama theaters. D. Latipov. Stroi.i arkhit.Uzb 7 no.12.29-33 D '66.

UZBEKISTAN—TURKIC LANGUAGES—DIALECTS
Dialects of the "Turks" of Uzbekistan in their relations
to the language of Old Uzbek literature, C. T. Blagova,
kh. D. Dantiarov. Vop 1az. 15 no. 6 92-106 N-D '66.

#### TABLE GARDENING

utsenko, and K.S. Rakhmanov. omalo, and cucumber seedlings] ady kapusty, pomidorov i ogurtsov. an," 1966 57 p.

#### TURE

it growing and viticulture, M. Minar, khoz, Uzb. 3 no. 2:34-36

# AND LABOR PRODUCTIVITY

standards and wages. I. Boskrovr, khoz. Uzb. 3 no. 2:66-73 F 161,

#### WAR, 1939-1945

f Uzbekistan as organizor of the class and collective farm reat Patriotic War, 1941-1945, udy TashGU no. 278:66-78 '66,

# INGRAD PROVINCE)-SOLAR

ng the radiation balance on Lake skata, Izv. Vses, geog, ob-va

E

ervice, V. Krivorotov, Neftianik

#### VACCINATION

Autosensiti ing effect of preventive vaccinations, N.N. Klimpar skala Zhar, mikrobiol, , (pid i tramen, W. no 1 117-122 Ja 167

Pactors conditioning the reactivity of cattle to repeated injection of brucellosis vaccine. V.S. Steph. Vest, setther modd [Kazakh ] 10 no.1 74-76 Jeth.

#### VACCINES

Neutralization of residual formaldehyde in formaldehydekilled vaccines during the preparation of polys dent bloogted preparations A.1. Mishutin, M.1. Zhith Vest, sel'khoz, nauki [Kazaki, ] 10 no.1 113-115 Ja 467.

Study of reactiogenic and allergic properties of visitines with a perturbate component in expertance and other a miningical tests. V. P. Klinovitskaja and other a "You mikrobiol", epid, i minum, 41 no 1415-448 da "other and other a "To other and other a "To other and other an

#### VACUUM APPARATUS

Description mechanism of electric breakdown in a high rachum, 1. V. Tarasova, Doki, AN SSR 167 no 2 336 333 Mb 366.

Universally readjusting vacuum devices H1.1. Ku. net tov Mashinostroitel¹ no 140 Ja ¹6 I

Use of gear pumps for the removal of viscous congesting inquids from apparatus operating under deep Second I IA Ponomarcako. Trudy NISZHIMSa no. 2-70-11 161,

#### VACUUM METALLURGY

Mechani m of metal rimming during vacuum it entinent in ladies of partially killed ball-bearing steel VI, Chikhlov and others. Izv. vys. ucheb. ziv. , the in, met 10 no 1, 4-45 (6).

#### VACUUM TECHNOLOGY

Adhesion interaction of refractory metalla, metalline conspounds and hard alloys in a vacuum. A, P, Seria no , V, V, Pozdnickov. Mashinovedenic no 1916-127 Ju-1 57

VACUUM-TUBE VOLTMETER see Electron-tube volunter

#### VAGINA-CANCER

Colposeopy and cytodiagnosis in people lactic examination
VI Glammu - Lzy Old biol namk AN Tadah 55H no 3
H3 117 566

#### VAGINA ... - DISCASES

Résults of treating vaginformus with suggestion. 1.1, Grishchenko, M. P. Grishchenko, Sovenca, 29 m. to 119-121 O 466

#### VAGUS NERVE

Pffect of prolonged stimulation of the peripheral sertion of the vagos nerve on blood congulation. I. A. Betty, skala, T. N. Kovaleva. I Iziof zhan. 52 no 19145-1321 N 166

#### VAKHSH RIVER—HYDROELECTRIC POWER STATIONS—HIBLIOGRAPHY

Dushanbe, Gosudarsivonnala respublikanskala biblioteks, Spi avochno-bibliograffeheskii oldoli, ["Porepubadia" and "Golovnala" liydroelectric Power Stations, an index to the literature] Per epadanala i Golovnala gidroelektrostantsii, ukazatel' literatury. Dushanbe, Infon, 1965, 21 p. (CSI-II)

# VAKHSH VALLEY—COTTON GROWING—LABOR PRODUCTIVITY

Khadzhibaev, A.G. [Potentialities for increasing tabor productivity in cotton growing; as exemplified by the collective and state farms of Vakhah Valley, Tajik S.S.R.] Rezervy povyshenita protzveditel nosit truda v khlopkovodstvo; na primero kolkhozov I suvkhozov Vakhahskoi doliny Indzhikskol SSR. Dushanbo, Donish, 1980. 77 p.

### VAKHSH VALLEY-HYDROELECTRIC POWER STATIOLS

Damming of Vakhah River by blasting in building "Gole,"naia" Hydroelectric Power Station. A, A, Silaev. Vzryv.delo no.61/81;286-284 466.

### VAKHSH VALLEY-SOILS

Some data on floodplain soits of Vakhah Valley. R. Kald-lov. 12v.Otd. biol. nauk AN Tadzh. SSR no. 3:3-10-4:6

#### VALINOMYCIN

Study of depaipoptides. Report No. 45: Structure and synthesis of valinomycin. M. M. Shemiakin and others. Izv. AN SSSR, Ser. khim., no. 12:2143-2148 [86].

#### VALUE

Gorodetskii, E. S. [The law of value in collective farm production] Zakon stoimosti v kolkhoznom produvedstec. [Moskva] Izd-vo Mosk, univ., 1987, 143 p.

The law of value and the economics of capitalism and socialism. IA, Kromod, Mir. ekon. i mezhdunar, om, no. 1:57-68 '187,

Several problems of the operation of the law of value in collective farm production. E.Sagaidok. Nanch.dokl. vys.shkoly, ekon.nanki 4 no.1;37-42 '61.

VALVES Automátic válve for discharging condensate V. D. Zotov Fle' i tepl. tiaga 10 no. 11 32 N '66

Experimental deter munation of static discharge charac-

rentigate to controlling work of piston pump valves.

R. Musch.

R. Musch.

Le ling and distribution device for mud pump manufold,

A Gaimov Methanism of seeling with a rubber-metallic back preservable.

Mechanism of Beating with a Tubber-metallic back piles-jure valve. Z. D. Orlov, G. S. Khitmir, M. V. Zhilitsova Kauch Hee. 25 no. 12 28-30 166.

Some designs of circulation valves used in separate and smultaneous exploitation of layers. V. A Safin, P. I. Latrelow, A M. Grinzov, Mash. 1 neft, obor. no. li-

8-B '56.
Sudy of the KPR 600/800 lever-load safety valve, P. I.
Suth. Fact gome-thingst center 12 no. 11 22-25 N '66
Sudy of wear of mud pump valves. A. A. Klazimov
Arch seft, khoz. 15 no. 11 15-46 N '66.

Liberatory method of testing for wear of collars and seats of mud pump valves. N. A. Problem ov. G. M. Sorokin. Investment of the collars of the description of the collars of the collars

# VANADIUM—METALLURGY

Iffect of additions on semiconducting properties and start of interaction between V2O₅ and carbon, V P Flutin, IV A Pavlov, A, V Manukhin Izv. vys. ucheb zav. chern, m.t. 10 no 15-8 '67

Reduction of vanadium pentoxide by alumnum V, I Washkin and others Iry AN SSSR Mct no. 1:208-212 Ja-F 167

# VANADIUM-SPECTRA

Absorption spectra of substances containing vanadium ossipion appetra valencies – S. V. Grum -Grizhimailo, y V. Shcherbina – Geokhimita no II 971-979 •61.

#### VANADIUM CATALYSTS

Effect of small amounts of added platinum on the catalytic activity of vanadium pentoxide in hydrogen ocidation. N.I.Behenko, V. A. IUza, V. A. Roiter. Dokt AN SSSR 172 no.1:133-136 Ja '87.

Study of the phase composition of vanadium catalysis by X-ray and electron microscope methods, L.N Kurina and others Trudy 'IGU 185-103-110 '65

VANADIUM-CHROMIUM-MOLYBDENUM ALLOYS see Chromium-vanadium-motybdenum alloys

#### VANADIUM COMPOUNDS-SPECTRA

some features of infrared pheorption spectra of vanadyl alkanostes with anomalous magnetic properties. V.T. Kalmakov, V.V.Zelentsov, M.N.Volkov, Izv. vys, ucheb zav. khim, i khim, tekh. 9 no 5/729-734 '86.

# VANADIUM NITRIDES

Studying the har dening of low-alloy steel by vanadium natides. D. D. Blium and others. Piz met.i metalloyed. 22 no.6:938-941 D '66.

Resistance of turbine metals to vanadium corrosion. R.A I ipshtem, S. F. Khaikina, E. S. Ginzburg, Teplo-energetika ? no. 8,57-60 Ag *60.

Solubility in the system vanadium pontoxide - ammonia-water at 25°C. P. I. Fedorov, L. M. Akulkina, E. S. Razgon Zhur neorg khim 12 no.1:195-196 Ja '67.

#### VANADIUM SALTS

Extraction of penta- and tetravalent vanadium with pyrocatechol, py; ogallol, and pyrogallolsulfonic acid in presence of diphenylguanidine. A.I. Busev, Z. P. Karlakin- Vest. Mosk un. Ser. 2; Khim. 21 m. 6:77-80

#### VANADIUM STEEL

ligh-strength steel and steels of increased strength with vanadium for welded metal structural elements. P.I. Sokolovskii and others. Prom. stroi. 44 no. 12:32-3

#### VANCOUVER, CANADA-VOCAL ENSEMBLES, RUSSIAN

Across the sea. A. Shilov. Sov. voin 43 no. 24:38-39

#### VANDALS

Who were the Vandals after all? 2. V. Udal tsova, A.P. Kazhdan Vop ist, 42 no. i; 201-204 Ja '67.

# VANICKY, JAROSLAY, 1922-1966

Jaroslay Vanicky, an Obituary. I. Belza. Sov. slav. no.1:127 167.

#### VANILLIN

Vanillin made from black sulfite liquot. N. F. Komahilov. T. A. Selivanova. Bum. prom. no 1:7-8 Ja ¹67.

# VAPOR-LIQUID EQUILIBRIUM

Composition of sauface layer in the system n-hexane -actione A.I. Rusanov, S.A. Lovichev, V.IA. Tiushin. Vest.LGU 21 no. 22:121-127 '56.

Liquid - vapor phase equilibrium in the system H2O -HReO₁, K.A. Bol'sh dov, G.L. Plotinskii, V.A. Bardin Zhur, neot g khim 12 no.1:189-191 Ja '57,

#### VAPOR PLATING

Microrelief of beryllium condensate surfaces. L. 5. Palatnir, A.I. Fedorenko. Fiz.met.i metalloved. 22 no 6-936-938 D 466.

#### VAPOR PLATING -TESTING

Growth textures in beryllium condensates. L.S. Palatnii. A.I. Fedorenko Fizemet i metalloved 22 no 1:637-

#### VAPOR PRESSURE

Tensimetric and thermographic study of WOBr4 and WO2Br2 G A. kokovin, Zhur, neorg, Phim, 12 no 1 15-19 Ja '61.

#### VAPORS

Homogeneous formation of nuclei during vapor condensa-tion and the absolute (limiting) critical supersaturation (with summary in English). L. M. Shehetbakov, P. P. Ria antsev, N. P. Filippova. Koll, zhur. 23 no. 3 138-344 My-Je. 60.

# VARIABLE STARS see Stars, Variable

VARICORHINUS see subdivision under Sovan, Lake

Clinical and morphological parallels in variousis of the lower crtremittes. P P. Alekseev Arkh prt 28 no. 12-34-38 466

#### VARNISH AND VARNISHING

Determining the surface stickiness of the PL-226 polyes tor variable in the process of preliminary drying. D. Cherniakov. Les. burn. i der. prom. no. 3:36-90 166.

Magnitude of the indices of the refraction of polyester varnishes. B. V. Prokopovich, E. A. Cherniskov, Lesbum, I dereptom, no. 3:61-65 '66.

Studying the process of bubbling in varnish flow-coating-B. V. Prokopovich. Les. burn. I dei . prom no. 3;51-61

#### VARVARA RESERVOIR-ICE

Ice phenomena on Mingechaur and Varvara Reservoirs. R.B. Taiverdiev Shor. 1 ab. no gidiol no. 6 105-107

#### VASHATKO, IOSIF, 1697-

70th birthday of Academician Iosif Vashatko, Sakh, prom 41 no 1:50 Ja 167

#### VASILEVICH, GLAFIRA MAKAR'EVNA, 1895-

IAkutskata respublikanskata bibiloteka. [G. M. Vasitevich, an outstanding student of the Tungus, on her 70th birthday] G. M. Vasitevich - krupnelsidi sovetskit tungusoved; k 70-lettiu sothia 10zhdenila. IAkutsk, IAkutsko knizhnoe izd-vo, 1965. 45 p.

### VASODILATORS-PHYSIOLOGICAL EFFECT

l'ifect of khellin and daucarine on the motor activity of the small intestine in dogs. 1A.1. Khadzhai. Farmatsev, Phu. 18 no 3.58-61 163.

#### VECTOR ANALYSIS

Classification of n-dimensional vector bundles over an algebraic curve of arbitrary order. A N Tivrin, Izv. AN SSSR, Ser. mat. 30 no. 6,1958-1366 466.

Geometry of a vector field, V.P.Dolgovykh, Trudy TGU

On a class of solonoidal vector fields, M.S. Shneerson, Uki, mat. 2hui 19 no. 1:81-88 167.

V.V. Slukhnev, Trudy TGU 181-68-75 '68,

#### VECTORCARDIOGRAPHY

Changes in the vector card cy. V.S. Gasilin. Kardi '03.

Vectorcardfography. IU.V 159-165 165.

# VEGETABLE BREEDING :

VEGETABLE GARDENING tace also subdivision un

Brezhnev, D.D., ed. [Us ing] Ispol'zovnnie geter nodar] Krasnodarskoe kn (CU)

Indriksons, E. [Practical-ing] Darzenkopibas prai redakcija, Riga, Zvatgz (DNAL)

#### VEGETABLE GARDENING SUPPLIES

Hand cultivator with elect gardening. N. F. Miakish

Overall mechanization of a on it rigated soils, N. I. no. 1:4-9 67.

VEGETABLE MATERIA MEDICA see Materia medica, Vegetable

# VEGETABLE TRADE

(see also subdivision under Azerbahan, White Russia)

Procure more potatoes, vegetables, and fruit, Zakup, sell-hoz, prod, no 8'1-2 Ag '66

VEGETABLE TRADE—MANAGEMENT see subdivision under Belgorod Province

#### VEGETABLE TRADE—PRICES

Payment procedure for vegetables and time crops in the Russian Federation, IA, Kalashnikov, I Khmarin Zakup sellihov, prod. no 8 42-43 Ag 466

VEGETABLES-STORAGE see subdivision under Daghestan

#### VEGETABLES, FROZEN

Basic parameters characterizing the mocess of fluidiza-tion of a layer of fruit and vegetables — A Fixin, St Dichev, ly Fixina — Khol tekh — 13 no.11,33-37

#### VEINS

Phlabotonographic observations in insufficiency of blood circulation B. k. Miskishev. Trudy LPMI 37:86-89

#### VEINS-DISEASES

Contrast roentgenography of the deep veins of the lower extremities and its clinical significance, R.P. Zelenin Khirungita 38 no. ll 103-108 N 152

Mondor's discase, IU, A, Poluektov, Khirurgiia 42 no, 12 100-106 D '66

#### VEINS-RADIOGRAPHY

Intraosseous phichography of the lower extremities in disorders of arterial blood flow. A. M. Demetskii, Vest. rent. i rad. 11 no. 6:37-40 N-D 166.

# VELIKANOV, JURII PETROVICH

furti Velikanov. K. Bozmenova, Iskuestvo 29 no. 12; 11-45 '66

#### VELIKO ANADOL' FOREST MASSIF-WATER, UNDERGROUND

Hydrogeological studies in Voliko Anadol', L.M. Labunskii Shor, rab, po gidrol, no. 6 139-145 166.

# VENCLOVA, ANTANAS, 1906-

Galinis, V. [Antanas Venclova; a monograph] Antanas Venclova; monografine apphraiza. Vilnius, Valstybine grozines literos leidykia, 1958. 202 p. [In Lithuanian]

#### VENEERS AND VENEERING

Optimal speed of the movement of parts veneered in continuously operating presses. A.1. Mazurchyk. Libosp., 11s., pap i det. prom. no.126-27 Ja-F '67.

# VENEREAL DISEASES—PREVENTION

Roigas, Elmar, [Ventereal diseases and their prevention]
Sugnitalgused ja nende valtimine, Taltinn, Valgus, 1966,
63 p. (Teadus ja Iervis) [In Estonian]
(DNLM)

Histochemical study of polysaccharides in venom glands of snakes, A. M. Zakharov Arkh. annt , gist 1 embr. 51 no. 10 188-122 O 166

# VENTILATION

Aerodynamic resistance of actation opertures in relation to their distribution and the number of stories Talley. Shot blud, NHST no. 13 76-82 162

--- AND LINEOUS ABUSES VERKHOYANSK R ***

#### VERNALIZATION

Course of the vernalization stage in single-cut red clott. I N. Grinznot. Uch zap GGU no 50 173-194 159.

Role of gibberellins in photoperiodism processes and plant vernalization. M.Kh Chailakhish. Biol thur. Arm. 19. no 12 3-14. D. 66

#### VERTEBRAL ARTERY—ABNORMITIES AND DEFORMITIES

Morphology and pathogenesis of pathological tortuosity and flexions of internal cutotid and settebral afteries N V Vereshchagin, V N Koltoser - vikh pat - 28 no 12 11-16 186

#### VERTEBRAL ARTERY-DISEASES

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Problems in the clinical aspects and pathogenesis of thrombosia of the vertebral and basilar atteries D.G.Shefer, Z.S. Manells, F. A. Chuprianova Zhui nevr i psikh 62 no. 11 (647-165b 162

Reduction of blood pressure in the brain and its mor-phological manifestation IV. Gamushkina Zhur nevi i psikh 62 no 11 lbi6-1620 162

Role of lesions of the extracranial segment of the vertebral arteries in disorders of cerebral circulation

N V Vereshchagin Zhui nevr i psikh 62 no 11 1654. 1660 162

Utilization of some function tests in electroencephalographic evamination of patients with disorders of the large bloud vessels of the head Report no 1 V A Chukhrova, N V. Vereshchagin, D N. Dzhibladze Zhut nevr : psikh 62 no li 1625-1630 '62

#### VERTEBRATES see subdivision under Ural Mountain region

VERTEBRATES, FOSSIL (see also subdivision under Tarkhankut Cape, Ukraine)

Use of terrestrial vertebrate remains for the periodization of the Paleolithic N.K. Vereshchagin Trudy Kom chety per 18 157-150 '61

# VESELOV, MIKHAIL GRIGOR'EVICH, 1900-

Mikhail Grigor'evich Veselov; on his 60th blithday. Op, 1 spektr. 21 no 5 657-658 N '66

Milhad Grigor'evich Veselov, on his sixticth bu thday. Vest. LGU 21 no 22 163-164 '86,

# VESTFOLD HILLS, ANTARCTICA—PETROLOGY

Age of the oldest rocks of Antarctica P S, Voronov A. IA Kijlov Inform biul Sov antark eksp. no 28 H-

### VETCH see subdivision under Siberia, Western

VETCHLING see subdivision under Trans-Ili Alatau

# VETERANS, DISABLED

Thousands of hearts, S Dykhne Voen, vest 41 no.6, 58-60 Je '61

# VETERINARY DERMATOLOGY

Eidrigevich, E.V., and V.V. Raevskaia. [Physiological features of farm animals] interfer self-skokhozialstvonnyth zhiveinykh. Moskva, Kolos, 1966. 207 p. (DNAL)

# ETERINARY EMBRYOLOGY

igenelated changes in the cranium of embryos in Khol-mogory cattle. D. D. Martingin, E. P. Burenina. Doki mogory cattle. D.D. Mar. TSKHA no 45,31-36 '59.

#### VETERINARY HEMATOLOGY

Eldrigevich, E.V., and V.V. Raevskata. [Phsylological features of farm animals] interfer self-skokhozialstyonnykh zbivotnykh. Moskva, Kolos, 1988. 207 p. (DNAL)

Hematological indices in young Red Steppe cattle and their crossings with Charolais cattle under intensive fattening V.Z Krapivnitskii and others, Dokl. Akad, sel'khoz. nauk no. 9 32-36 S '66

# VETERINARY MATERIA MEDICA AND PHARMACY

Júrisson, Endel. [Veterinary pharmacology] Veterinaar-farmakoloogia. Tallinn, Valgus, 1986–388 p. [In Estonian] (DNAL)

#### VETERINARY MEDICINE

Cooperation between health institutions and veter inary service, T.S Medoks. Vop. pit. 25 no, 6 83-87 N-

#### VETERINARY OBSTETRICS

Course of the prenatal period in camels. T. Moldagallev. Vest, sellkhoz. nauki [Kazakh, 1 10 no. 1;72-73 Ja '67,

Relation between the period of pregnancy and the live weight of newborn caives in various cattle breeds, G. F. Ovsiannikov. Dokl. TSKHA no. 45:45-50 459.

# YETLUGA VALLEY—PINE

Dynamics of the valuation and photo interpretation indices of plontations of the majorthermum-cranberry type pine forest in the Vetluga Basin V.1 Sukhikh Izv Vjb ucheb zav , les zhur 9 no 6,22-27 'b6

# VIBRATED CONCRETE

E perimental data on the distribution of vibrations of various frequencies in concrete mixes under vibration V E Draov, V N Shmigal'skii Trudy NHZHIi no 19 34-57 '61

Molding concrete mixes with shock vibration, V.N Shmigalishii Trudy NIIZHB no 19 58-82 161

Repeated vibrating and the quality of coment concrete preements A N Zashchepin, 'vvi, dot, 21 no. II 11, 16 N 'vi)

Results of testing the vibrating mold No 2 for molding large blocks with slotlike voids G G Bulychev and others Trudy NIIZHB no 1983-91 '61

#### VIDRATION

Dependence of the coefficient of dissipation of the energy of vibration nom the amplitude of vibration for the rubble of shork absorbers, V. A Kudmaytsev, Kauch, i 102, 26 no 135-35 887

Method of redetermined series in some boundary prob-tems of mathematical physics. Report No 1 A. C. Vlasov. Vop. din. teor 10spr. seism. voin no. 3:403-463 59.

Note on resonance motion of a mechanical system with a centrifugal vibrator. V V Karamyshim Vest Mosk, un, Scr. I Mat., mekh, 22 no 1:65-67 Ja-F 167

Self-vibrating conditions in systems with one degree of freedom D.G. Korenevskii, Priki mekh 2 no 12; 119-122 '65

Theoretical determination of vibration resistance of boring red retary tables. B N Kutuzov, G. S. Sarkis lan Lzv.vys ucheb zav , gor. zhni 10 no 1,76-81 '67. Vubrations in multidimensional systems N. I. Krygma. Lev AN Uz SSR, Ser, tekn nauk 10 no, 6 65-67 '66.

#### VIRRATION-DAMPING

Damping capacity of freight car vibration dampers. P. S. Antaimov. Vest. ISNI MPS 25 no. &25-29 166

# VIBRATION—PHYSIOLOGICAL EFFECT

Protection against harmful effect of vibration in operating pneumatic hammers. L. M. Feigin, E. IA. Studnits, Shakht strot. 10 no.12 3-7 D 166.

#### VIBRATION (MARINE ENGINEERING)

Device for damping ship vibilations N. N. Babaev. S. K. Dorofeink, V. G. Lentiakov Shor izobr. viyb. prom. √a 1961 g :101-102,

Reducing noise and vibration on hoppers. R.Rubín. V. Afendik. Mor.flot 27 no 1:30-39 Ja '67.

Study of to: sional vibi ations of the shaft of a ship's power plant A. K. Urbinovich Inform, shor TSNIIMF no. 183 Takh ekspl. mor. flota no 45:65-87 '86

Certain qualitative characteristics of coal motion during vibration. M. F. Khaiak. Mash, i obor, dita mekh, i avtomatiz. 11 iid.prots, v ugoli, prom. no. 2:160-177 165.

Chaosing mechanisms for compacting specimens when testing cements and concretes, A.E.Desov. Trudy NHZHE no 19 114-123 161,

Determining the intake of resonance vibration conveyors vith inertia drive S. I Liskhovitskii, L. A Archakova Got elektromekh i avtom, no. 1:82-86 *65

Dynamic coefficient of resonance screens depending on wynamic coefficient of resonance screens depending on with alion frequency and size of gaps between buffer supports V. K. Presninkov. A. M. Avdoov. Izv. vys. ucheb zav., gor. zhur. 8 no. 10;96-100 '65. Form of the pole ends of a vibrational stand. IU. S. Rusln Izv. vys. ucheb. zav.; elektromekh. 9 no. 12; 1396-1397 '66

New equipment for the unloading of caked and frozen cargoes. N.Sosunov. Rech. transp. 20 no. 7-49-50 N. '61.

New models of two-frequency and single-frequency in-ternal vibrators A. E. Desov, V. I. Nadol'skii, V. N. Shmigal'skii. Trudy NIIZHB no. 19 92-105 [6],

Rebrik, B.M. [Vibrator techniques in boring] Vibro-tekhnika v burenii. Izd. 2., perer.i dop. Moskva, Nedra, 1966. 231 p.

Results of testing a two-frequency double vibrating table. V.I. Nadol'skii, Trudy NIIZIB no. 19-106-113 '61.

Self-synchronization of centrifugal vibrators of a vibratory percussion mechanism. L.B. Zarciekii. Mashino-vedenie no 1:40-47 Ja-F |67.

#### VIERATORS-DESIGN AND CONSTRUCTION

Dynamics of vibrating machines with biharmonic drive L. A. Archakova, Gor, elektromekh, i avtom, no. 1:173-

# VIBRATORS-DYNAMICS

Certain problems in the dynamics of vibrating machines with electromagnetic vibrators. B. I. Kriukov, V. I. Leskevich, Gor, elektromekh, i aytom, no. 1:143-150 '65.

#### VIBRATORS—ELECTRIC DRIVING

Using highly clastic couplings in the drive of vibiliting machines. G. IA Palant, A. I. Baryshev. Mush rolls I dita mekh. I. evtomatiz, trud prots v. ugoff, pram., po. 2 178-181 165

VIETNAM-DESCRIPTION AND TRAVEL

Victiom as I now it. Martin Niemoller Nov. viem 25 no. 9 6-8 I' '67.

# VIETNAM, NORTH-COMMUNIST PARTY

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#### VIETNAM, NORTH-COMMUNISTS

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# VIETNAM, NORTH-DESCRIPTION AND TRAVEL

Frequencia in Victnam. Ill likhanonos Nov. vien. 25

#### VIETNAM, NORTH-EDUCATION

In the school's of the Democratic Republic of Vietnam Nguyen duy Minh Nations, no. 1101-105 Jan. 167

## VIETNAM, NORTH-SCHEFFLERA

Two new species of Scheffler a Porst. from the Democratic Republic of Victuam. I V. Grushyltaidi, N. ( Skyortyova Bot zhur, 51 no 12;1709-1/16 D 566.

VIETNAM, SOUTH-MILITARY ASSISTANCE, AMERICAN SEE VICTORIOSE WAY

#### VIETNAMESE WAIL

Aggression as a source of profit. I Aleksandrov Apl tator 31 no 4 53-54 1 167

An aimed fire. Hoang Thinh. Mol. komm. no. 1:16-10

An raids in Indochina. B Teplinakli, Mezhdunas zbierd 11 no 2 53-63 167,

The fighting in South Vietnam - M. I confley - Nov. com 25 no. 5,11-12 J 1 16/

Manderens, I Claikin Agitator 34 no. 3156-58 1 167. New dangerous cocalation of war. Al. f confey. No., viem. 25 no 10 5 Mi '67.
Victuan as f 5aw it. Martin Niemoller. Nov. viem. 25 no 9 6-8 1 '66.

#### VIETNAMESE WAR .- FOREIGN OPINION

Regrettable speeches of Michael Rammay, Archifology of Cantorbury I. Ivanov. Zhan Mork, Patr. 100,12,62 4,6.

VIKTOROV, VLADIMIR FEDOROVICH, 1806-

V.F.Viktorov, on his 70th birthday. Med. pu.s. 1400 - . bol 35 no 6:746 NoD 66.

### VILDE, EDUARD, 1805-1933

[Eduard Vilde in words and pictures] Eduard Vilde source is pildis. Tallina, Eesti Raamat, 1960. 201 p. 11hrs. [In Estonian]

VILENSKII, DMFFRII GERMOGENOVICII, 1892-1960 Dmitrii Germogenovich Vilenskii; abituaty. I, G. Pett., skii and others. Zemledelle 8 no. 4.95 Ap. 460.

### VILNIUS-CALCULATING MACHINES

'Sigma' operates on a business accounting basis V. Baranauskas, Plan, khoy, no. 247-23 I '67,

### VILNIUS-ELECTRIC MACHINERY INDUSTRY-INFORMATION SERVICES

Technical information at the enterprise. Inform, blut, VDNKII no. 1:11-13 Ja '67.

# VILYUYSK HYDROELECTRIC POWER STATION

Parameters of boring and smooth blasting operations in underground workings. V.I. Kozhevníkov. Vzi yv. doba no. 61/61;5-11 [66]. Veryvidele

#### VINE CROPS-DISEASES AND PESTS

Methods of internal therapy in ridding vine crops of diseases. M. N. Rodigin. Trudy KIISKH1 56:3-10 160

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# VINNITSA—PHARMACEUTICAL SOCIETIES

Work of the Vinnitsa Branch of the Scientific Pharmace to tical Society during 1902. L.K. Kyive'kyi, th. i. ldehjia' Farmatsev. zhur. 18 no. 3:88-90 163.

# VINOKUROV, EVGENII MIKHAILOVICH, 1925-

läumaneness. G. Krasukhin. Semiia i shkota 21 no 7-34-36 Jl  166 .

#### VINYL ACETATE

Recovery of vinyl acetate from the val residue of acette acid rectification, IU, IU, TSmur, Gidroliz, i lesokhim prom, 15 no. 5:12-13 My 102.

#### VINYL ACETATE POLYMERS

- Issue the copolymers of vinyl acetate with esters of anylic seid. E. M. Perepletchikova and others. Lakobras mat 1 ikh prim. no. 6 15-47, 166.
- Flectric properties of organic semiconductors on the tisse of polyginglacetite. A V. Vannil or and others. Flektrolhimna 2 no 12:1171-1176 D 166,

#### VENUL COMPOUND POLYMERS

- He drawing of the polyvinyl alcohol about obtained by a drawing by V. I. Rabinovich and others, Izv. vvs. utheb. zav., telh. leg. prom no 6,53-56 '66.
- Expense properties of fabrics made from vinol and vinol-iscose varin L V. [Abovleva, Izv. v. v. v. ucheb. zav., t_Sh leg.prom. no. 6:31-36 %6.
- trep o an ent of polyvinyl chloride coatings in the production of textovinit. M.S. Petukhov and others. Kozh. **

  cast prom 8 no.12,21-23 D 166.
- Suburg the possibility of producing yarn for high-bull-but gods on the basis of the use of a new polyvingl enlarged (then E. I. Bu cobamo Nauch 15-1, trudy 18-1kHBH za 1963 g. 198-209 Saspension polymerization of vinyl chloride in the pre-sence of cathorytic acid satts. E. N. Auberman and others. Plast, massy no 15-7-167

#### VINYL ETHERS

- Adjuston of dichlorocarbene to vinyl others. M. E. Shosta-kovskii, A. V. Nikrforov, V. V. Keiko Izv. AN SSSR, Sci Ehtm. no. 1449-153. Ja. 167
- Splitting of B-ether onitrile group in exmoethory substituted vinyl ethers by organomagnesium compounds M F. Shostakovskii and others Dokt AN SSSR 1/1 no 4 887-889 D 166.
- Vim1 citers, derivatives of accivirnic glycols (vinylovy-i)loxyall ynols). M. F. Shostakovskii and others. Dokl, AN SCR 171 no. 6:1355-1357 D-166.

#### VINYL POLYMERS see subdivision under Armonia

#### VINYLATION

Vinylation of aminophenol sulfates. M. F. Shostakovskil and others. Izv. vys. ucheb. zav; khim. i biim tekh. 7 no. 2:761-763 166.

#### VIRGIN TERRITORY-AQUEDUCTS

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#### VIRGIN TERRITORY-RURAL CONSTRUCTION-FINANCE

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# VIRGIN TERRITORY-TRACTORS

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# VIRILISM

Congenital virilizing hyperplasia of the adrenal cortex. I L Liberman, A.M Raskin, Probl endok i gorm 8 no. 6 88-97 N-D 162,

Phology of leukemia; exogenic virus or pathogenic endogram nucleoproteins? Probl gemat, i perel, krovi in no 12:25-32 D 165

Konferentsila po probleme "Vzaimootneshenila virusa 1 Lietti, " Riga, 1965. [Virus and cell; materials] Virus i Kletka, [materialy] Riga, Zinatne, 1966. 308 p.

# VIROLOGY-RESEARCH ace subdivision under Kiev

# VIRUS DISEASES OF INSECTS

Broadening host range by infecting insects with prepara-tions of viral DNA - II, M. Dobrovoltstka, I P - Kok Dop. AN URSR - no. 12 1602-1605 - 166

#### VINUS DISEASES OF PLANTS (see also subdivision under White Russia)

Content of phosphorus fractions of potato leaves infected by X virus A. V. Ustinova Vestei AN BSSR, Ser. bital. nav no. 1:119-120 '67.

Fifect of virus infection on pigment content in tomate and cucumber leaves. D. K. Ges!, L. N. Reutskafa, Vestsi AN BSSR, Ser. bifal.nav. no. 3:120-130 '66.

Effectiveness of summer planting and early harvesting dates of potatoes in controlling spindle shaped tubers and virus Y IU.A Leontleva. Trudy KHSKHI 55:109-116 | 66. Porhar, Z. I. [Virus discases of sugar heets in Crecho-slovakia (diagnosis and controlling methods), report of the Saviet agricultural delegation.] Virusnyc botezal sakiarnoi svekiy v ChSR (diagnostika i melody bor by), otchel bovetskoi sel'skokhoziaistvennoi delegatsii Moskva, 1966–20 p. (Sel'skokhoziaistvennaia nauka i praktika za rubezbom, no. 9(46)}

#### VISCOSIMETER

Device for determining structural and mechanical charac-teristics of drilling mads L. S. Strolema and others Kett i gaz prom. no 5:20-22 S-O '06.

#### VISCOSIMETRY

Gradient dependence of the quenching angles and viscosity of polyther solutions. V.P. Budtov, N.D. Nesterova, I.A. Str. Ima., Vest LCU 21 no 22 69-75 '66

Viscosity of figure silicon, chromium and its silicides B A Bium, P V, Grild, P V Kochero, Try AN SSSR Met. on 162-59 Ja-F 467

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- Light scattering and viscosity of poly-B-naphthyl metacry-inte in benzent V.E. Liskin, A. P. Nesterov, Vest, 1.00 21 no 22 76-70 166.
- Molar viscosity of liquid substances and mistures, A. Toropov Ukt, khim. shur. 32 no. II 1252-1253 *66.
- Study of temperature regime in producing well bore during flow of viscoplastic fluids. Z. M. Adzinlov and others. Azerb neft show 15 no 11 20-33 R 166.

  Viscosity of an allotropic modification of water in quartz capillar ks. B V. Derlagin, N N. Fediason, M. V. Talaey. Dokl. AN SSSR 187 no. 2:376-378 Mt 186.
- Viscosity of buominated Freens. R.K. Nikul'shin Khol tekh 43 no.11:30-33 N '66

#### VISITNEVAYA MOUNTAIN-FENITES

Paragonetic associations of accessory minerals in the clements of exocontact rocks containing fenites of the minebite intrastor in Vilmeraya Mountain. A. G. Zhobin, G. H. Mobhitdinov, M. E. Lazakova, Trudy UMGRI, no. 151-7158.

#### VISHNEVAYA MOUNTAIN-METALS, RARE AND MINOR

Paragenetic associations of accessory minerals in rare elements of exocontact rocks containing femites of the maskite into into in Vishnevaya Mountain. A G. Zhabin, G. H. Mikhitilnov, M. E. Kazakova. Trudy IMGRE no. 4,51-73 360

# VISHNEVAYA MOUNTAIN-PYROCHLORE

Pyrochlore of Vishnevaya Mountain, its paragenetic associations, and chemical composition. E. M Pstkova, I. I. Nazarenko, Trudy IMCRII no. 4-33-50 '80.

#### VISUNEVAYA MOUNTAIN-RHABDOPHANITE

Rhabdoph inite of Vishnevaya Mountain F. B. Rhalezova, D.N. Kmareva, Frudy Min. mnz., no 12:239-236 (6)

# VISIBILITY

(see also subdivision under Japan Sea)

Diarnal and annual variations of probability of limit of visibility less than 10 km. E. N. Dovgiallo. Trudy GGO no 184 44-47 #66.

Gavi flov, V.A. [Visibility in the atmosphere] Vidimost' v atmosfere. Leningrad, Gidrometeoizdat, 1986—323 p

#### VISION RESEARCH

Influence of environment on binocular relationship of flashing colors, V.E.Shehadi in, M.M.Bongard, M.S. Smirnov, Bioffrika II no.5:871-878 '66

# VISITORS, CONGOLESE

Lawyers of the Congo (Brazzaville) have visited the Soviet Union Sots, zakon, no. 2:92 F 187.

VISITORS, FOREIGN see subdivision under Leningrad

### VISITORS, INDIAN

The Public Prosecutor of India has visited the Soviel Union Sots 7akon 39 no, 7:76 J1 *61

VISITORS, RUSSIAN see subdivision under Czecho-

#### VITAL STATISTICS

Some methodological problems concerning the population process in the U.S. S. R. G. M. Korostelev. Uch. zap. Sver. gos. ped. inst no. 35:181-189 '66.

Basic forms of vitalism in present-day blology. A.I. II'dn. Vest, Mosk. un. Ser. & Filos. 21 no. 6,30-38 N-D 166.

#### VITAMIN THERAPY—CONGRESSES

Gosudarstvennyi institut vitaminologii. [Vitamina, Physiology and blochemistry of vitamina and their study in clinical practice, transactions of the 2d Scientific Conference] Vitaminy Fiziologiia i brokhimita vitaminov i kh izucheme v klinike, trudy II nauchnoi konferentsii. Moskva. 1982. 323 n Moskva, 1962. 323 p

[MICROFILM]

Current status of the problem of the preparations of vitamins and their use M. H. Chaplyn-lka, A. P. Reviuts'ka, I armatsev zhui 17 do 2.7-13 462

Effectiveness of the enrichment of protein and vitamin additives with methodine, vitamin group B, and trace elements 1 I IA10v Khim vect thov 5 no.1 48-52 Ja 107

Latimating the vitamin content of fruits and borries in White Russia D K. Shopha. L.S TSikhanouskata. I I. Shostsink Vestsi AN BSSR Sci sellhasp nav no 1-38-42 168. Supply of some radiation-labile vitamins to monkeys kept

on vegetable food subjected to gamma madrition IU, I shillinger and others. Vop pit 25 no 6 60-65 N-D la6

Vaccoluznyi nauchno-fesi dovatel skil institut zhivotnovoj-stva. [Using vilamins for ralaing the productivity of animal husbandry] Ispol zovanie vitaminov dila puvyshe-nila produktivnosti zhivotnovodstva. Moskva, 1866. 482 p. (DNAL)

Changes in proteins of blood serum and liver of rats following excessive injection of vitamin A. J. V. Krimkova, Vop pit 25 no.6 57 60 N-D 166

#### VITAMINS....B.

Diffect of some vitamins of the B group on the coarse of vitus hepatitis in white mice P.D. Starshey Biul. etsp biol 1 med. 63 no 1,35-37 Ja '67.

VITAMINS-B, see Thiamine

VITAMINS-B5 see Nicotinic acid

VITAMINS-B6 see Pyridoxine

VITAMINS-B12 see Cyanocobalamine

VITAMINS-C see Ascorbic acid

VITAMINS-E see Tocopherol

#### VITAMINS-CONGRESSES

Gosudursivennyl institut vitaminologii (Vitamins Physiology and biochemistry of vitamins and their study in oney and more marry of vaminis and more study in elinical practice, transactions of the 2d Scientific Con-ference] Vitaminy, Fiziologiia i blokhimila vitami-nov i ikh izuchenie v klinike, ti udy II rauchnol konfer-entsil, Moskva, 1962—323 p. [MICROFILM]

# VITEBSK-RUGS AND CARPETS

Vitebak Carpet Works, A 4 Khyostov, Prom. Bel. 10 no, 1°34-36 Ja 167

### VITEBSK PROVINCE-DRAINAGE

Improvement of clayey soils in the Polotsk Lowland F A Malyshev, A. 1 Mikhaltsevich Gidt i mel. 19 no. 1 75-81 Ja 167.

# VITEBSK PROVINCE-TRADE UNIONS

We act together. S Smorgonskii. M Kirpichenko Sov. profesiuzy 23 no 18-9 Ja '61.

# VITICULTURE

(see also subdivision under Cuba, Na_borno-Karabakh Autonomous Province, Uzbekistan)

Concerning the nominal number of working components in a planting machine. M. D. Dumidko, "Trakt i self-khozmash. 10 no. 3 30-32 Mr. 150

Mechanized ridging of single-eyed cuttings of grapevines T. Aizenshtein Takh v selikhoz 21 no 12 12-14 D 181

Universal PRVN-1, 5 vineyard machine. Sh. Perkis Teth v selikhoz. 21 no 12:33-36 D 'Gi

#### VITREOUS HUMOR

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#### VIVIANITE

Studying the interaction of film formers with viviantia, S.N. Tolstaia, S.A. Shabanova, A.B. Taubman, Lakokras, mat, i ikh prim. no. 6:8-10 466

VLADIMIR PROVINCE—COMMUNIST EDUCATION Concern for the education of young Communists. Part, which no, 3 59 F '57.

### VLADIMIR PROVINCE—ROAD CONSTRUCTION

Striving for the honorable title of a division of communist labor. A. Kopylov. Avt. der. 24 no. 12:7 N 161.

#### VLADIMIR REGION-STONE AGE

Number and age of morainic horizons in the vicinity of Vladimir and the Upper Paleolithic Sungir' site L. Shor,gina Trudy Kom chety per 18 132-145 '61

#### VOCAL ENSEMBLES

Across the sea. A Shilov. Sor. vom 43 no 21 38-39 D '81

VOCAL ENSEMBLES, RUSSIAN see subdivision under Vancouver, Canada

#### VOCATION

What is needed to make it interesting? Varvara Karbov-skara Semira i shkola 21 no 7 12-13 Jl 166.

#### VOCATIONAL EDUCATION

(see also subdivision under Estonia, Moldavia, Siberia, Eastern, Sochi, Ulan-Ude, White Russia)

Developing the students' technical creativity V.T. Tel'-nov. Shkola i proizv 10 no 12:17-18 D '66.

Developing the vocational inclinations of children Tarasov. Sh ola i proizv. 10 no 12-17-18 D  $^{1}66$ 

Grade supervisors and the problems of vocational training and instruction 5 V. Kletsen Shkola i prozv 10 no 12:33-35 D '66

Pashkov, A.S. [Legal regulation of the training and assignment of workers, some problems of theory and practice] Pravovce regularovanie podgotovki i raspredetentia kadrov, nektot yk voprosy teolii praktiki. [Leningrad] Izd-vo Leningr, univ., 1966 186 p. Schools for skilled workers are a form of progressive education i Zuev. Nar obi no 2 69-74 F 167

Using a tape recorder in manual training instruction, N. A. Chernenko Shkola i proizv 10 no.12,22-23 D 166 Vocational training and physicobiological experiments, F Batko: Nar obr no 2:53-57 F '67

#### VOCATIONAL GUIDANCE

VOCATIONAL GUDANCE
Of gaintation of vocational training of 9th-10th grade
students in schools of general education E. A. Abroslmova. Shkola i proizv 10 no 103-9 O '66,
A plan forthe description of occupations during classes in
vocational orientation, S. N. Arkhangel'skii, Shkola i
proizv 10 no 1024-25 O '66.

#### VOCATIONAL INTERESTS

Vocational interests and self-education, A.I kochetov Shkola i proizv 10 no.10 23-24 O '86,

# VOIACHEK, VLADIMIR IGNAT'EVICH, 1876-

Outstanding scientist, M Filippos, P Korostelev Av. i kosm no 1.79 Ja 167,

# VOKHMA DISTRICT-SPRUCE-DISEASES AND

Spruce longicorn beetle. N Troitakli. Zashch rast, 12 no 1 51 +67.

VOLCANIC ASH, TUFF, ETC. see subdivision under Carpathian Mountains; Dashkesan region (Azer-

VOLCANIC ASH, TUFF, ETC. -CLASSIFICATION see subdivision under Armenia

VOLCANOES see subdivision under Caspian Sea, Kamchatka, Kurile Islands, Sredinnyy Range

# VOLGA HILLS-FOREST SOILS

Problems of cultivating rubble shallow soils for forest plantations on slopes in the Volga Hills. V M.Sidorova. Trudy Sar.sel'khoz inst. 15 no 3:38-39 '65.

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Pesikin, F.A. [Toward a single goat; on the friendship and cooperation of socialist nations in the Volga Valle,] K edinol tsell, o druzhho i sotrudnichostva sotsisilalicheskikh natsii v Povolzh'o. Gor'kii, Volgo-Viatekon knizhnoe izd-vo, 1986, ol p. (CSt-II)

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 $\frac{\sqrt{\log t^{-3}}^{1/2} \log t}{2^{3/2} \log t} \leq N \quad M. \; \text{Bolko} \quad \text{Mashinostroitelf no } 1.$ 

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O. C. Kotzebue's voyages round the world and their importance for the geographical science V . Trudy Inst. lat. cat. i tekh. 42-130-150 -62.

VOZNESENKA OIL FIELD-PETROLEUM PRODUCTION Experience in developing 18th layer of overthrusted wing of Veznesenka off field T.T. Proniskov, V.Kh Galiamov. Neft-khoy. 45 no.1:40-46 Ja '67

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Aicksei Samenovich Voznesenskii; an obituary, Pochvovedente no. 4 121-124 Ap 160

VRUBEL', MIKHAIL ALEKSANDROVICH, 1856-1910

IAgodovskaia, A. T. Mikhail Aleksandı evich Vı abel'. Leningrad, Khudozhnik RSFSR, 1966, 62 p. Ilius. (Narodnaia bibliotechka po iskusstvu)

VILICANTZATION

Chemical relaxation of hot-vulcanized rubber. E. N Sotnikova, A. B. Kusov, Kauch frez, 25 no. 12:13-15 (66,

Effect of per ophered on the process of producing micro-perous soles by het vulcant/ation Z. A. Veinberg. Kozh. -chuv. prom. 8 no. 11:20-22 N *66.

Effect of the mat processing of butyl rubber with fillers on the properties of mixtures and valendatates obtained by the use of 101 resin and sulfut. G. M. Ronkin, I. A. Levitin. Kauch, i rev. 26 no. 1:15-18 *67. Interaction of tetrachioroguinous with unsaturated subbers.

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Radiochromatographic separation of certain miximes of gulfur and vulcentzation accelerators (with summary in English). I. V. Khodzhaeva, IU. V. Kiesh, Koli, zbur. 23 no. 31322-326 My-Je '61. Removal of the corcomb on the tire tread during vulcani-

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In the State Committee on Labor and Wages of the Council of Ministers of the U.S.S.R. and the All-Union Central Council of Trade Unions. Sots.trud. 12 no 1; 112-144 Ja 487.

[Labor and wages at an enterprise; a reference manual] Ti ud i zavabotnala plata na predprilatii, spravochnoe posobie. Moskva, Ekonomika, 1967. 397 p.

On the two jorms of necessary product and two kinds cost, N & Moiscenko, M D, Plines Vest ( GU 2) no. 23 5-11 466.

Procedure for making withholdings from wages. A. Epshtein Sots, trud. 12 no 2:137-145 F 167.

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WAGES-CONSTRUCTION WORKERS

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Providing incentives for builders work. I Nozdrin Sov. profectury 23 no.1:46-48 Ja *67.

Replies to builders' questions. R. Sharipov. Nar. khoz. Kazakh. 24 no. 11:92-94 N '66.

WAGES-FLAX INDUSTRY

Improved organization of the wage system is an important condition for better utilization of the raw material, A. F., Abakumov, Nauch. - 1981, trudy TSNIILV 21:180-197 196,

WAGES-INDUSTRIAL MAINTENANCE

Wages of repair workers. I. I. Zotov. Mashinostroffel! no.1,32-33 Ja 67.

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WAGES—MACHINERY INDUSTRY
Boborykin, S. G., and M. IA. Zolikson. [Problems in the organization of wagos, in enterprises of the machinery and the metalworking industry of the U.S.S.R. A reference aid! Voprosy organizats it zarabionof platy; na predprikaliski machinestroitelinel i metallochrabaty-valushchel promyshlennosti SSSR. Spravochnos posoble. Leningrad, Sudostroenie, 1966. 479 p.

WAGES-MEAT INDUSTRY

WAGES—MEAT INDUSTRY

Boborykin, S.G., and M.IA. Zolikoon. [Problems in the organization of wages; in enterprises of the machinery and the metalworking industry of the U.S.S.R. A reference aid! Voprosy organizatell zarabotnol platy; ma predprintilaki mashinostroitelynoi i metallocbrabaty-valushciel promysklennosti SSSR. Spravochnoe posobio. Leningrad, Sxiostroenio, 1986, 470 p.

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#### WALLS-FINISHING

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Ways of banishing war from the life of society V. I Galadzha Nauch, doki vys. shkoty, filos, nauki i no 14-25 '61

WAR-ECONOMIC ASPECTS see subdivision under Great Britain

WAR CRIME TRIALS see subdivision under Germany

# WAR CRIMES

Milovskii, M. P. [Crimes of impertalism against hu manity] Prestupteniin imperializma protiv chelove-chestva, Leningrad, 1966, 36 p. [Crimes of imperialism against hu-

WAR CRIMINALS see subdivision under Germany, West

WAR MEMORIALS see subdivision under Leningrad, Moscow

# WAR SONGS

Songs of the revolution. A. Zharov. Agitator 34 no. 2 27-28 Ja '67.

WARBLE FLIES-EXTERMINATION see subdivision under Tyumen' Province

# WAREHOUSES

Efficient designs of steel bearing elements of storehouses of loose materials. M B.Solodar'. Prom. stroi. 39 no. 12:45-49 *61

# WAREHOUSES-HEATING AND VENTILATION

Basic data for the calculation of air changers in vegetable storehouses. C. L. Basin. Shor trud, NIIST no. 13 128-

#### WARSAW PACT, 1955

Lights and shadows of Europe. O. Klichka. Mc"hdunar. zhizn! 14 no. 2 6-12 167.

#### WASHING MACHINES

Activating hydraulic-jet washing machine, M. N. Polin, kons i ov prom 22 no 15-6 Ja 167

#### WASTE HEAT

Utilization of secondary waste heat B, N, Sokolov, B F, Freiman Burn prom 37 no 5 22-23 My 452

#### WASTE PRODUCTS

Preparation of polymicrofertilizers from industry vastes. S. N. Ganz, R. I. Braginskala, S. I. Kapturova, Izv. v ucheb zav. Phim, i khun, tekh 9 no. 5 782-78 i 466.

Amount of juvenile water isolating during the formation of cfinesive rocks ON Tolatikhin Geokhimiia no ll 1005-1008 ⁴61

Band-head water-raising engine IA Levin, A. Pabrikov Tekh v selikhoz 21 no 12/22-24 D '61,

Problems of the radiochemistry of vater solutions. V. A. Sharpatyi. Usp khim. 30 no.5-645-678 My '61

#### WATER-CHLORINATION

Evaluation of chlorine and its dioxide for treatment of phenoi-contaminated natural water M A, Shevchenko, F M Kalimichuk, 1 P Vlasova, Ukr, khim, zhii 32 no. 11 1235-1238 166

#### WATER-COMPOSITION

(see also subdivision under Azerbatian)

Hydrochemical conditions and microflora in reservoirs of M. E. Gambarian. Biol. 7hm Arm. 19 no. 12: 77-83 D '66

#### WATER-MICROBIOLOGY

Mechanism of uranium action in a body of water. V. N. Gus'kova, L. N. Gurfein, A. I Tikhonova, Gldnohlof, zhur 2 no 6 53-57 lbb,

#### WATER-PHYSIOLOGICAL EFFECT

Determining water requirement by brood sow in relation to its physiology A. IU. Kozhakhinetova, Trudy Inst fiziol AN Kazakh SSR 10 100-194 466

#### WATER-POLLUTION

Clinical and epidemiological analysis of a water-borne outh cak of typhoid fever I.B Otal nev and others Shor nauch trud SOGMI no 10 36-40 161

Possibility for using "electrobiological" test in determining pollution degree in reservoirs. B. A. Flerov. Trudy Inst. biol, vnutr. vod. no. 10 291-294 '66.

Some problems of matine senitary hydrobiology Mironov, Gidrobiol, zhur, 2 no 6 62-80 '66.

# WATER-PURIFICATION

Closed cycle of water circulation in the woodpulp and paper industry. B. M. Zamoruev. Bum. prom. no.1; 16-18 Jp '67.

Purifying bilge waters of petroleum products with ship-borne equipment. I. Tuv. IU. Kalinin Rech. transp 20 no 7:31-34 Jl '61.

# WATER, EFFECT OF RADIATION ON

Radiolysis of water absorbed on silica gel E. L. Krylova, P. I. Dolin Kin i kat. 7 no 6:977-982 N-D '66

#### WATER, UNDERGROUND

ATER, UNDERGROUND
(see also subdivision under Am 1 Darya, Caucasus,
Noi thern, Duleper-Donets Lowiand, Kara Kum,
Kiev region; Soverodonetsk region, Ukraine,
Uman' region, Voliko Anadol' Forest Massif;
Volga Hydroelectric Power Station (22d Congress of the CPSU)

Acidity and alkalinity of aqueous solutions under conditions of increased temperatures and pressures. B.N. Ryzhenko, N.I. Khitatov. Geokhimita no. 10,869-874

Approximate solution of the equation describing the mopproximate southern the equation describing an inhomoge-tion of a homogeneous compressible liquid in an inhomoge-encous elastic stratum. G.S.Kambarov. Ivv.AN Azerb.SSR.Ser.fiz.-mat.i tekh nauk no.5:107-117 162.

Evaluation of resources of ground waters based on 1e-gime of their level. R.V. Borodin. Nauch. trudy TashGU no. 234. Geol. nauki no. 20: 212-226 '64.

Experience in sinking mine shafts in water-saturated sands. N. F. Karasev, Transp. stroi. 16 no. 4.14-16 Αp 166,

Lakes of karst caves, wells, and pits, G.A. Maksimovich. Peshchery no. 2·5-23 *62.

Location of hydrogeological stations in the U.S.S.R. A.A.Konopliantsev. Razved, tokh, nedr 28 no. 3: 43-48 Mr 160.

Prognosis of the natural cycle of the level of underground waters, T.N. Efremova, Rozved, tokh, nedr 26 no. 8; 38-45 Ag '60,

Rotation between the results of test pumpings and the thoroughness of prior cleaning of wells. F.V kult-baba, Razved, t okh, nedr 26 no. 3:57-59 Mr * *60.

Rise in level of ground water and change in it is head of composition in foundation bed is of industrial enterpairs B I Gotlovskii, L. M. Shekhtmith — Osa., fund fine gain = B no. 5; it is 15 - 66.

Solution of problems of advance of contour of inline till 5ton not mixture of waters in evaluation of the oritics of the oritics of the potentialities by method of modeling (11,000).

Let vys ucheb, zav., peol, (102), 10 no, 10 no, 10 no for the form

Theoretical problems of hydrogeology, G-V, 16 in V-V, Krashntsevi, A-I, Silin-Belechnein (1984) W. BSSR 10 no. 11 885-888 N '46

Unsteady flow or reservoir water to wells If the training A K. Kagramanov Iv AN Azerb SSR Scr flz artitels hank no 5 49-59 462

WATER, UNDERGROUND-ANALYSIS See subdiv to under Duleper-Donets Lowland

#### WATER, UNDERGROUND-CLASSIFICATION

Classification of underground waters. N. t. Bilental Bini, MOIP, Oid, gool. 36 no. 5418-119 9-0 561

#### WATER. UNDERGROUND-COMPOSITION

[Problems of hydrogeology and hydrochemistry] Verree, gldrogeologii i gldrokhimii. [Leningrad] kd-yn i colien. unly., 1966. 175 p.

#### WATER HAMMER

Direct water hammer in simple pipes (1.5, Net) (r Azerb neft khoz. 45 no.422-25 N (06,

Water harmon in low-pressure dreighty equipment C. I. Khanclashvill. Sook. AN Graz SSR 11 no 2; (0) 416 N '66.

#### WATER HEATERS

Addinated draft control in gas operated bollern and howards heating systems. IU, P. Rusynkovsziwi. Prot 3. Inst. vyk. gazu v kom, hosp, ta prom AN IIRSR. 18th 130, 150.

#### THE SHIPAW

Spreading of water jets during leaching out of on high reservoirs. 10 S. Vaniuta, V. I. Chernikh. Transport khran nefti i nefteprod. no. 11 18-23 - 166

#### WATER LILIES

Development of the pollen grains of II lebine and their relation with Nymphaeacaae. N.R. Meirt. Bot. 14

#### WATER METABOLISM

Correction of water-electrotyle balance in carly proposative period. T. P. Makarenko, B. M. Drufan, N. P. Ryzhkova, Sov. med. 29, no. 10 110, 111, Gran,

WATER ON THE BRAIN see Hydrocophalus

#### WATER PIPES-TESTING

Stock plug for testing water pipes. Prom. strat. i in-1, soor, 8 no. 6;37-38 N-D '66,

# WATER RESOURCES DEVELOPMENT

Man and water, N.V. Razin, Oktiobel 43 no. 12 142-14 D 466

Optimum operation of the reservoir of a hydrogram in under hydrological conditions of high water contert as a a given operational volume, IU. E. Gulley [17] Ab a given operational volume, IU, E, Gulley 17. At. Azerb. SSR, Ser, fiz -mat. i tekh, nauk na 5560 H + 12

# WATER RESOURCES DEVELOPMENT-CONGRESSED

International seminar on the overall utification of water resources. F. M. Rakhimbaev. Gide, i mel.  $49 \pm a$  i 190-121 Jn  $^{+}67$ .

#### WATER SUPPLY

Man and water, N.V. Razin, Oktlabri 43 no 12:1142-14. D 166.

WATER SUPPLY ENGINEERING-ELECTROMECHARIANAL ANALOGIES

Colculating water supply systems using electric in 5 E.M. Glazinov Vod. i ssn. tekh. no. 11:10-15 ft. 200

# WATER VAPOR

Effect of water vapors on the interaction of scale with sulfur dioride at temperatures above 100%. V. z. Ppikhanov, T.I. Kunin. Izv. vya. ucheb. zav. khlm. i khim. tekh. 9 no. 5:785-799 '66.

#### WATER VAPOR-SPECTRA

Water vapor dimer and its spectrum, A. A. Viktori, S. S. A. Zhevakin. Doki, AN SSSR 171 no. 4.041-018 is tre

# WATERMELONS-DISEASES AND PESTS

Studying the chemotherapeutte method for ridding watermelons of fusarium yellows. V. V. Skorik i . . . KIISKIII 56:60-71 '00.

WATERPROOFING see subdivision under Volga llydroelectric Power Station (22d Congress of the CPSU)

WATERPROOFING OF FABRICS
Triionometric determination of aluminum in solutions
and on fabrics, E. V. Shiutser, Nauch, -issl. trade
TSNIILV 21,169-180 '60,

#### WAVE LOUATIONS

- Approximate integration of Pourral's problem for general rewise equations, 10.1 Kovach Dop AN URSR ro 12 1530-1513 366
- Complexes of serval spins in the linear Heisenberg chain  $t_s(\lambda,O,c)$  chimalkov. Physical Zhankelspor i topret, fig. 5 no 2:18-51 Ja $^{-1}67$
- Dire tilin of an asymptotic solution of a wave equation with small nonlinearity for a wave guide IU V. Kornitenk s. Dop AN ORSR no. 7-815-850 42.

# WAVE EQUATIONS—BOUNDARY VALUE PROBLEMS

Qual-periodic and periodic solutions to moving boundary problems for a wave equation in one-dimensional space. V. I. Khallyasson, 10 P. Samarin. Difference z ma. 11:15:11-15:13 N 66.

#### WAVE FUNCTIONS

- MAN. FUNCTIONS

  Akhandshadzhaev, B., and V.B. Bellaev. [Convergence of two-particle disintegration in the problem of the co-bodies] O 4khadlmasti 2-chastichnykh razlozhonii v zadathe trekh tel. Dubna, 1967–7 p.

  Caracteristics of rotational bandshaded on levels with K = 1/2, power caginering B, S Dzhelepov, G, F. Brantsyna, I.v. AN SSSR, Ser, R. 31, no. E171-118

  [ba. 167]
- Furry Sommer feld-Mane approximation. V. F. Boldyshev, C-1 fiz zhat | 11 no. 12 12 77-1285 D 466
- Hylmogen-141-e wave functions for heavy atoms and ions T. P. Pavinskii, A. I. Sheratisk Vest 1 GU 21 no. 22 25-17 '66
- Probability of pressing the potential barrier in an approximation of the generalized Wentzel-Kramers-Brillonia a chool. Part 2; Symmetrical barriers. N. I. Zhirnov Iz. v3: nole b-zav.; fiz. 9 no 6:101-107 [66]
- 13. which the theorem of the generalized Westvol-Kamers-Taillouin rettled Park 13. Anymemetrical barriors N. I. Zhirnov Lie vystucheb zav ; fir 9 no 6:008-113 '66.

#### WAVE OTHER

- Foreign of wave guides. A. G. Sveshnikov, B. I. Volkov, S. IA. Seber che Zen'kovich. Vych metri prog. 5,210-126 66.
- Calculation of its egular wave guides with gyrotropic filling. V. P. Modenov. Vych. mot.; prog.  $-5497\,^{\circ}66$
- Fagerimental study of necessary and sufficient characterestics of wave guides. O. G. Shamina. Try, AU SSSR, Fiz. zem. no. 12 3-10 566
- bing over simulae landenand-out to nather 1 3-14 with Sharp Cutoff, P.G., (19ther shorm, I.I. Gurvich, V.S., Pin Shorth 12v, AN SSSR, Piz, zem. no. 12 H-27 466.
- Frogundation of electromagnetic oscillations in an inequiar wave guide with complex form. A.S. Pinskii. Vyelomet-life 199. 5:221-252 (66.)
- Wave difficaction on the surface impedance discontinuity in charatered waveguides M.S. Bebroudkov, V. N. Paponinicyn, V. V. Plannov, 177 vys. ucheb. 2007, 112, 9-10.6;62-69 466.
- Wavefulde method of measuring the electric that acturis-tics of a plasma produced beyond the shock wave front, V.V. Krylov, IU.I. Tusnov, Teplofiz, vys. temp. 1 10,6738-745 N-D 66

### WAVES

# (see also subdivision under Rybinsk Reservoir)

- Same corrections to methodology of calculating waveloads thousen through sibultures in deep sea. A. D. Myurcu-Han, Neft khoz. 44 no 1115-16 N 466
- Striy of frequencies of wave heights, V. B. Vaishand, Stor, rab po gidrel, no. 6.87-104 156
- Fruit, of nonscouting velocities in the presence of waves. P. Velkov Rech.transp. 70 no.7:43-44 Jl ¹61.
- Wayes in some conductors with negative differential 1 consistance A. I'. Volkov. Fig. tver. tela 6 no. 11:3107nistance A

# WEATHER see subdivision under Kuba District

# WEATHER CONTROL

Stepanov, V.N. [Ocean and the future of the earth] Okean Thudushchee Zeinli. Moskva, Znante, 1967. 77 p. (Novoc v zhizni, nauke, tekinike. XIII Soriia: Nauka o Zeralo, 2/3)

# WEATHER FORECASTING

(see also subdivision under Mirnyy Station, Antarctica)

- Current state of experimental studies of mountain lee waves and some recommendations for their diagnosts and prognosis. P. A. Vorontoov, Trudy GGO no. 188 3-23 166
- 23 165
  Zevakina, R.A., E.V. Lavrova, and L.N. Linkhova.

  [Principles of short-range prediction of ionospheric geomagnetic storms and radio-propagation forecasting service, a manual Osnovy prognozirovanian ionosferno-magnitinykh vozumushchenii i sluzhba kratkosrochnykh radioprognozov; rukovodstvo. Otv. red. L.N. Linkhova. Moskva, Nauka, 1907. 72 p.

WEATHER SATELLITES see Meteorological satellites

WEATHERING see subdivision under Tien Shan

#### WEAVING

- Construction of fabrus containing the polyaciylomitric fiber nitron (A. P. Antipovi Nauch -1981, trudy FSMIShersti no. 20187-193 (65
- Method of determining the indices of the physical and incchanical properties of unfulshed cotten fabrics on the basis of homerxing calculations N S Fermina Nauch -1ssl tridy TSNIKHBI 2a 1963 g 276-308
- West excess in the process of the formation of the fabric and its determination A.A. Zabotin and others Nauch -issl trudy ISNIKHBI va 1963 g 239-243

#### WEAVING-EQUIPMENT AND SUPPLIES

Machine for "seaving roats. A Liangaurias, Tekh.v sel'khoz 26 no. 12:13-11 D 166

#### WEED CONTROL

- (see also subdivision under Kazakhstan; Kli ghizistan, Kui sk Province, Siberia)
- Eradication of field bindweed in a fallowed field, L.S. Robtanch, R.G Utculina Khim v scl khoz 5 no 1:11-12 Ja '67
- Simuline in weed control in forest nursaries and forest plantations C A Ivanov. Trudy Sar.sel'khoz inst 16 no 3;33-31 '65
- Use of simazine and atrazine for protecting spruce and pine seedlings from weeds in aurseries. L. M. Rozlova, Shor nauch, -issl. rab, poles khoz. no. 6 278-282 '63.

#### WEED KILLERS see Herbickles

# WEIGHT LIFTING

"Mating" method in developing strength: IU f. Ivanov, Teor i prak, fiz, kul't. 29 no. 12 23-25 D '66 Relationship between achievement and body weight of an athlete. M V Starodubtsev, Teor i prak, fiz, kul't, 29 no. 12 18-76 D '66

#### WEIGHTS AND MEASURES—TESTING

Guide of instructions, methodological directions, and rules governing the testing of measures and measuring instruments (position as on January 1, 1965)] Ukazatel' instruktsti, metodicheskikh ukazaniti i pravil po poverke mei i izmei itel'nykh priboj ov (po sostojaniju na 1/I 1965 g.) Izd., ofitsial'noc. Moskva, Izd-vo Standartov, 1965. 19 p.

#### WELDED JOINTS-TESTING

Mechanical stabilization of contact between an ultrasonic transducer and the object being checked B V Kostinkov, Defektoskoplia 1 no. 6 16-20 165.

WELDED STEEL STRUCTURES—TESTING Checking the air-tighlaces of welded joints and base metal of a structure by GTI-3 and VAGTI-4 leak detec-tors, V I Zaltsev, T, IA Ruleva, Defektoskopin 2 no. 6,50-58 lbG.

#### WELDING

- Petrov, G.L., and A.S. Tumarev. [Theory of welding processes; with fundamentals of physical chemistry]
  Teorita svarochnykh proteessov, s osnovami fizicheskot khimii. Moskva, Vysshaia shkola, 1987. 507 p
- Soveshchanie po avtomatizalsti protsessov mashino-sti ocuila, 4th. 1864. [Automatic control of processes of welding and prossure working of metals; transactions] Avtomatizatsiin protsessov svarki i obrabotki davlentem, [trudy]. Moskva, Nauka, 1866. 250 p.

# WELDING-EQUIPMENT AND SUPPLIES

The PD-500 gun for the welding of dowels. V.A. Knigel'. Sudostroente 56 no. 12,50-51 D '66.

- (see also subdivision under Chelyabinsk Province, Chernyye Zomli; Sokur Valley)
- Polymer pastes for the connection of ceramic and asbestos-coment pipes in air lift wells. V. P. Batiuk. Gidr. i mel. 19 no. 1 99-100 Ja ¹67.
- Setting-up the KVN-1 pump in a dug well. V. Mal'chugov. Tekh. v sel'khoz. 26 no. 12:85 D '68.
- Shortcomings in "Technical conditions in planning and equipping water wells," A.A. Khmelevskii. Razved, i okh, nedr 26 no. 8:54-55 Ag '60,
- WELLS-EQUIPMENT AND SUPPLIES see subdivision uander Kazakhstan

# WEST GERMANY see Germany, West

# WEST SIBERIAN PLAIN-PETROLOGY

Lithology of the Devonian sediments of the southeastern It aming of the West Siberian Plain Z.E.Gauer, Blul. MOIP, Old, gool 36 no. 3 115 My-Je '61

# WESTERN DVINA VALLEY—HISTORY

Losev, E. F. [Koknese] Koknese, Lutvitakoe gos. izd-vo, 1957 74 p.

# WESTERN EUROPE ace Europe, Western

WESTERN SAMOA—DESCRIPTION AND TRAVEL Beneath the Southern Cross; travel impressions, V. Kassis. Nov. vrem. 23 no. 9:28-28 F 187.

Reneath the Southern Cross; travel impressions. V. Kassis, Nov. vrcm. 25 no. 10:27-29 Mr 167.

#### WESTERN SAMOA-POLITICS AND GOVERNMENT

Beneath the Southern Cross travel unpressions V has-sis Nov. riem. 25 no. 8 26-28 f 107

# WESTERN SIBERIA see Siberia, Western

#### WETTING

Weiting of sicel in the system hydrocarbons - aqueous solutions under conditions of moving liquid V. N. Negreev, I A Mamedov, G M Melullieva, Trudy hist thim AN Aceth SSR 20 51-64 '64,

#### WHALERS

- Automatic control system for the boiler unit on the whaler "Sovetskaya Ukrama" M. Sh. Shifrin L. G. Zhigirev. Sudostroenie 27 no 1,31-33 Ja "61.
- Lufeboat for whaters AA Gundobin, I V Lavienkov Ryb khoz 43 no 135-36 467

Device for tagging whales. N. M. Vidiakin, L. M. Votro-gov. V. D. Kariini Shor. izobr v 1, b prom. za 1961 g. 9-10

Encreptives and migration speed of fishes, dolphins and whales V.V. Shulcivin, Trady VNIRO 60 27-30 166.

#### WHARVES

Concerning engineer V Padnia's article, B Atles. P. Turovskii Rech transp 20 no 7:53 Ji '61

Determining the carrying potential of sharves to increase the capacity of ports. A Budin. Rech transp. 20 no. 7 41-43 Jl. 161.

(see also subdivision under Caucasus, Erkutsk Province, Kustanay Province, Siberia, Western)

Effect of a polymer on winter wheat yields. 1. A. Romanov. Bird, nauch -tekh inform polagion fiz no 8/9 70-73 '80

Quality of spring wheat grains, T. K Gaponenkov, S. M. Poroiskaia Zhun publikhum 34 ro 0 1396-1307 Je

Some data on the development of male spotangium in wheat in the absence of boron T. B. Butygina, F. A. Troitskaia, G. K. Alimova. Bot. zhur. 51 no 12:1751-

Winter hardiness and productivity of winter wheat as related to the age of the plant and which, characteristics A.I.Zadontsev. V.I Bowlarenko Vest.scl*/hoz n-uki li no 12,33-12 D *66.

#### WHEAT-CLEANING see subdivision under Omsk

#### WHEAT-CONGRESSES

Symposium on wheat in Yugoslavia, A. L. Fedor ov. Vest. sel'shoz, nauki 11 nc. 11-148-150 '66,

#### WHEAT-FERTILIZERS AND MANURES (see also subdivision under Armenia, Kirghizistan)

- Fifect of fertilizers applied to green fallow crops on the yield of winter wheat. I A Kaliazin, N A Presnukov Khim, v selt khoz. 5 no 13-8 Ja 167
- Winter hardiness of winter wheat on clean fallow as related to fortilizers F M Prutskov Agrobhumua no. 1:78-80 Ja '67.

# WHEAT-FROST RESISTANCE

Winter hardiness of winter wheat on clean failow as iclated to fertilizers. F M Prutskov. AgroPhimita no.1.78-80 Ja '87

# WHEAT-GENETIC RESEARCH

- Characteristics of melosis in amphidiploid wheat forms M.P.TSarcala, 19, K.Nikol'skti, Doki AN BSSR 10 no, 11 905-908 N 486.
- Variability of plants grown from immature seeds. G B. Medvedeva Genetika no. 12.46-51 '66.

# WHEAT-GRADING

- Conditions for accepting the grain of hard and strong varieties of wheat from the 1986 harvest Zakup sell-knoz prod no 8-41-42 Ag 166
- WHEAT—IRRIGATION see subdivision under Ukraine, Volga Valley
- WHEAT-VARETES see subdivision under Kirghizistan; Siber ia

# WHEAT BREEDING see subdivision under Kuban

# WHEAT BREEDING—RESEARCH

Problems of hybrid wheat. I. Vasil'ev. Vest. sel'khoz, nauki il no, ll:141-144 '66.

# WHITE RUSSIA

Geological conditions in White Russian Paleolithic sites, theses of a report, M.M. Tsapenko, V.D. Budiko, L. N. Voznyachuk Trudy Kom, chety, per. 18 72-74 151

# white Russia—agaricales

Agaricales in oak forests of White Russia. H. I. Siarzhanina. Vestsi AN BSSR, Ser. bilal.nav. no.1.51-58 '67.

#### WHITE RUSSIA-AGGREGATES (BUILDING MATERIALS)

Volchek, V. G. [Production and use of lightweight concrete aggregates in the White Russian S. S. R.] Prolivod-stvo i primenenic legkikh iskusstvennykh "apolnitelei betonov v BSSR. Minsl, Belaius', 1965 53 p. (Priedovoi opyt - dostojanje naroda)

#### WHITE RUSSIA-AGRICULTURAL RESEARCH

Belarusskala akademila sel'skae haspudaril. [White Russlan Academy of Agriculture, decorated with the order of the Labor Red Banner, an outline of its history for 125 years] Belorussi at ordena Trudovogo Krasnogo Znameni sol'skokhozitalstvennata akadenija, ocheci i istorii, 125 let. Minsk, Urozini, 1965. 210 p. illus., tables. (CU)

# WHITE RUSSIA-ANIMAL INDUSTRY—STATISTICS

ligures must be practical. I Kondrathay, Zatup, selikhoz prod. no.12:9-10 D 166.

#### WHITE RUSSIA—ANTIQUITIES

Ancient glass beads from the excevation of the Chaplin burnal ground, contacts of the eastern Slavs of White Russia with the ancient world of the northern Black Sea region L D. Pobal! Vestai AN BSSR Ser hram nav no 4 75-84 466

#### WHITE RUSSIA-ARCHAEOLOGICAL RESEARCH

An archaeological conference in Minsk H.V. Shtykhau, Vestsi AN BSSR, Ser hram nav no 4 136-137 166

#### WHITE RUSSIA-ART, DECORATIVE

Ways of the development of White Russian decorative art P. A Karnach Vestsi AN BSSR, Ser hram nav no 4 102-109 166,

#### WHITE RUSSIA-BEETLES

New weevil species (Coleoptera, Curculionidae) in White Russia, T. G. Ioannisiani, Vestsi AN BSSR, Serbiral, nav. no 1421-123 '67

#### WHITE RUSSIA-BERRIES

Estimating the vitamin content of fruits and berries in White Russia D.K. Shapira, L.S. TSikhanouslaia, I.L. Shastsiuk. Vestsi AN BSSR, Ser sel'hasp nav no 4 38 -42 '66

#### WHITE RUSSIA-BIOLOGICAL RESEARCH

Objectives of biological science in White Russia in the light of resolutions of the 23d Congress of CPSU Vestsi AN BSSR, Ser-bilal nay, no 3 5-9 '66

#### WHITE RUSSIA—BIRDS—MIGRATION

Bird migration in central zone of White Russia in fall of 1963-1961. V. I. Viatokhin, M. S. Dolbik, U. M. Duchyts Vestsi AN BSSR. Ser. biial nav. no. 3:123-128 '66

# WHITE RUSSIA-BOOKSTORES

Cities help rural toilers. V.Sudnikovich Knizh.torg 18 no.1:30-31 Ja '67.

# WHITE RUSSIA-BRIDGES-DESIGN AND CONSTRUCTION

Agloporite concrete in bridge construction. IA, I, Drozd. Avt. dor. 24 no. 11 10-11 N 461.

# WHITE RUSSIA—BUILDING MATERIALS INDUSTRY

New industrial capacities will be put into service. M. P. Tarasov Prom. Bel. 10 no 1-12 Ja 167.

#### WHITE RUSSIA-BUILDING MATERIALS INDUSTRY-MANAGEMENT

More efficient utilization of the potentialities of the building materials industry A. V. Tomashevich, V. M. Grushetskii Prom Bel. 10 no. 142-44 Ja 167

# DUSTRIES

ikhonov Prom Bel. 10

# GE WAREHOUSES

Khol, tekh, 43 no. 12

usc of lightweight con-Pressian S.S.R.] Profzvod-ussivennykh zapolnitelei rus', 1965, 53 p. (Pere-

# TERY-PRODUCTION

tiated output norms for an uction, E.L.Kulbak, . 10 no. 2:18-19 F '87,

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ms. L. Paperno. Ekon.

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ate of various corn varielance. M. V. Turbin. A. V. Ser.bital.nev. no. 3:40-

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#### WHITE RUSSIA—DAIRY INDUSTRY

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### WHITE RUSSIA-FOOD INDUSTRY

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#### WHITE RUSSIA-FUNGI

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#### WHITE RUSSIA---HYDNACEAE

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# WHITE RUSSIA-INDUSTRIAL CAPACITY

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#### WHITE RUSSIA-MACHINERY INDUSTRY-TECHNOLOGICAL INNOVATIONS

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### WHITE RUSSIA—PARASITES—HEDGE HOGS

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# WHITE HUSSIA-WOODY PLANTS

hiffect of growth promoting substances of petroleum ori-gia on photosynthesis intensity and side shoot growth in some woody plants. L. U. Kranchanka, Vestei AN RSSR, Ser. bital. nav. no. 384-50 '66.

Pollen quality of introduced woody plants. L.U. Krauchan-ka. Vestsi AN BSSR, Ser. bital. nav. no. 1;38-42 '67.

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# WINDBREAKS, SHELTERBELTS, ETC.—CONGRESSES Plenum of the Department of Forestry and Land Improve-ment through Afforestation of the All-Union Academy of Agricultural Sciences, V. A. Kargov, Vest, sel'khoz, nauki 11 no, liti56 '66.

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Wing muscles in insects, electron microscopic and roent-genographic study L L. Razumova and others Biofizika 11 no.5 818-824 '68

# WINTER SPORTS

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Using high-strength cold drawn wire without low temporatule tempering A. Litvinov, R. I. Shumeiko Stall 21 no il 1043-1944 N. *61.

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Nazar'ev, O. V., and W. A. Parfenov. [Construction of the cable lines of rural telephone and wire broadcasting systems] Stroitel'stvo kabel'nykh linil sel'skoi telefonnoi sviazi i radiofikatsii. Moskva, Sviaz', 1966. 92 p. (Biblioteka sel'skogo sviazista)

#### WIRE HOPE

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WOMEN-EMPLOYMENT see subdivision under Siberia, Eastern

# WOMEN-HEALTH AND HYGIENE

Janes, H. [Occupational hygiene of women workers]
Natstoolise kutschugleen. Tallinn, Vabarliklik Santtaarhariduse Maja, 1965. 29 p. [In Estonian]

# WOMEN—RIGHTS OF WOMEN

The way to eliminate the surviving traces of inequality of Soviet women in everyday life. A. S. Lysakova. Uch. zap. Sver. gos. ped. inst. no. 35:152-167 168.

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WOMEN—STATISTICS Women in the U.S S. R. Vest. stat no 1:83-96 167.

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Kiwich, G.D. [The women snipers of Leningrad] Zhen-shchiny-snaipery Leningrada. Leningrad, Ob-vo "Znanie" RSFSR, 1966. 39 p.

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# WOOD ENGRAVING

Book about the Russian popular print N Ruzimin Nov. mu 38 no 12 259-261 p 462

# WOOD ENGRAVINGS

Favorskii, V.A. [About artists, creative work, and books] O khudozhnike, o tvorchestve, o knige. [Moskva] Molodaia gvardila, 1968. 125 p. illus.

#### WOOD PRESERVATIVES

A new antiscotic I, N Rich, F. D. Pomin. Put' i put thoz 10 no 9 13-15 '66

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#### WOODPULP INDUSTRY-EQUIPMENT AND SUPPLIES

Cooking unit "Pandila." Burn, prom. no.1:32 Ja 167. First steps B. Gorbovskii Na stroi, Ros. 5 no 3,21

Inclined "Gorka" screen A L Avdeev Bum prom 37

no 524 My '62 Seminars for digester line's, B,V,Lopitin, Bum. prom. no. 12 14 D '66.

Static converters in the electric drive of pulp grinders. O. E. Terebilo Bum prom no.1:10-11 Ja '67

Soluble wood tar as corresion inhibitor for for 1019 metals DV Zheltukhin Gidi oliz, i lesekhim, prom. 15 no 511 My 162.

# WOOD-USING INDUSTRIES

(see also subdivision under Andizhan; Kirov, Ukraine)

Textbook on the economics of the wood chemistry and hydrolysis industry M.I. Galiperin, I. G. Uti'ev. Gidroltz, I lesokhim, prom 15 no 5:31-32 My 162

# WOOD-USING INDUSTRIES-EQUIPMENT AND SUPPLIES

Arrangement of the equipment of wood-chemistry industries and the industrialization of the operations for its assembly and installation. B Tewlov Gidnoitz tlesokhim, prom. 15 no. 5 29-30 My 482.

#### WOOD WASTE

Adjustment of the DKV-6,5 hoiler unit with high-speed combustion furnace for the burning of wood waste. B. B. Sternin, P. A. Etofeev, A. P. Tikhonov, Energo-mashinostroenie 8 no. 9:37-38 S '60.

Ginzburg, B.A. [Using low-grade lumber wastes in making mass-produced consumer goods] Ispol'zovanio otkhodev nizkosortnykh pilomaterialov dila izgotovlenifa izdelli shirokogo poireblenila. [Moskva, TSenti.bluro tekin, informatsii, 1957] 18 p. (OrCs)

Sawdust for the manufacture of high-yield hemicellulose and cellulose E. Shvartsshtein and others. Bum prom 37 no 57-10 My 162.

Shkirla, T.M. [Using the wood of beech branches and treetops in the making of bent furniture] Ispol'zovanio drevesiny bukovykh such'ev i vershin dlia izgotovleniia izdelii gnutoi mebeli. L'yov, L'vovskii lesotekin. in-t, 1958. 18 p. (OrCS)

# WOOD WASTE-ECONOMIC ASPECTS

Economic effectiveness of the industrial processing of wood waste. E. IA. Oksanich. Les bum i der promno.3 41-51 '66.

Evaluating wood vests in determining the economic office. tiveness of its processing 1.14 Oktomich, Landing ider, prom. no.3:31-41 [66]

#### WOODWORK

A vanity shelf, I. P. Antonov, Shkola I protes, 10 no 10 50-51 O 256,

#### WOODWORK (MANUAL TRAINING)

The cutting of dowells. M. D. Larfne N. M. Folfn. School 1 1 profes. 10 no.12,49 D 46

## WOODWORKING INDUSTRIES

(see also subdivision under Brutsk, Ekulsk Province, White Russia)

Varakin, IU. M., K.S. Klykov, and V. B. Prelovskii [Me in r for the automation of sawnilling and woodworking production] Sredstva avtomatizatsii losopii no-derevopromyshl., 1967, 354 p.

#### WOODWORKING MACHINERY

(see also subdivision under Stryy region, Ukraine)

Permation of wood particles and the partity of processing as related to the blunding of a cutting instrument 1 Nosovskii Lessbum i der prom. no. 3,25-31 966.

Leoni'ey, I.I. [All-purpose machine for bending and pressing furniture parts] Universal'nyl stanok dlla gnut'ia i prossovanila mebel'nykh detalet, [Monksa] TSenti, biuro tekha, informatsit [1957] 10 p. (O₁ CS)

New design of the chopper knife. A S Medovita. Gldholtz, 4 I soldin prom. 15 no. 5/22 My 46%. Rusing the level of engineering effectency of electric control systems for woody orking man throw. 15, V Gutnichenko. 4 ickl., 1 org protzy no. 6724-25 Re II w

#### WOODWORKING MACHINERY-HYDRAULIC DRIVE

Dates mining the officiency and economic aspects of the hydraulic drive of the equipment of the lumbering a woodworking industry. M.I. Baran. Lendam filer prom. no. 1;1-11 '66

WOODWORKING MACHINERY-HYDRAULE I QUIPM: 1. Page and division under Riov

#### WOODY PLANTS

(see also subdivision under Daryaza Range; Tsinling Mountains, White Russia)

Periodicity of cambium activity is roote and atenness, woody planta. A. A. Kambelakli, Soob, AN Grav. S. R. 41, no. 2,445-451, N. 66.

WOODY PLANTS-DISEASES AND PESTS one administration under Abkhazia

(see also subdivision under Kazakhetan, Rester-Province)

Carbonization of burry wool, V.M. Sherishey, Nanch-igal trudy PSNIPher ti no. 2004/-72 05.

Content of protein and interrelation of protein fractions in the blood servin of sheep in councetion with their wool yield. M.K. Kroiter, M.T. Katkov, A.I. Haber Vest, selfshoz, nanki [Kazakh.] 10 no.1:68-71 Ja. 461.

rechnological study of the wool of Kazakhatan sheep N.S Lazukov and others, Nauch -isol, trudy rSNIIShersti no. 20 3-24 165.

Wool costume fabrics with synthetic fibers, 5, Still in, Sov. torg. 40 no. 12, 11-30 D 166.

# WOOL-GRADING

(see also subdivision under China

Technological evaluation of imported nonuniform wood and its separation into medium-com ne and com s categories. V. I. Mriukhim Nuuch, -isal, hudy TSNIIShersti no, 20 46-47 485,

#### WOOL-TESTING

Instrumental method of taking samples from a bate of wool. S. M. Kirinkhin. Nauch, 4mal. trody TSNR-hrratt no. 20,273-212 [65].

no. 30273-202 [6]. The PS apparatus for determining the dustiness of scoured wood. L. A. Lavishin, S. M. Kirtukkiin, Raphyles, I. M. Mirtukkiin, Raphyles, I. M. Mirtukkiin, Raphyles, I. M. Menricalistance of woolen garment fabrics, L. A. Lavishis, I.S. Margolin, N. P. Karzina, Nowin, Ind. trudy PSNISharatt, no. 30 257-265, 165.

### WOOL COMBING

Speed of the revolution of the doffer and the productivity of the roller comber. G. O. Lezhebrukh, Nauch, 11 1, trudy TSNIISherati no. 20:73-07 '65.

Spaed of the revolution of the main cylinder and the productivity of the roller combor. G. O. Loziu brukk Nauch, -1861, trudy ISMIShersti no. 20,88-107-65

### WOOL INDUSTRY

What is new in the instruction for state deliveries of weet. A. Sidorov. Zakup, selikhoz, prod. no. 12:20-32 ft 166.

WOOL INDUSTRY—FINANCE see subdivision under Staraya Kupavna (Moscow Province)

WOOI EN AND WORSTED MANUFACTURE see subdivision under Grudbo

WOOLFN AND WORSTED MANUFACTURE-COSTS Specified manufacturing costs in the wool industry, MrS-1951. Nuch, -1551, trudy PSNIISherati no 20 -42-264 465.

# WOOLEN AND WORSTED MANUFACTURE—PRODUCTION

STANDARDS (Claical norms to) haw wood in the wood industry A.A. archamnos, I.I. Ustful bin, Nouch, such trady (SNIC) at at no 20 288-298 269.

# WOOLEN AND WORSTED SPINNING

Still, my the properties of altron tibers and the technolog-1 decondatens of their processing in worsted and 2 to spinning, N S Linnovy, Nauch, (199), trudy 18418-bit sit no 20 He-127 (65)

So thing the properties of varn produced by the centringal control, M=1 Kubaylan, A. G. Scrdinova, V. I. I fimenko,  $S_{\rm c}+b_{\rm c}+1$  at trudy 1 SNIIShor at no. 20 105-116 - 465,

Come I nature of work and the development of the new type of workers. V.S. Frontskii Frudy lik un, 38 no 400-116 205.

Correlation of material and moral incentives to work in the fire cent-day phase of the building of communism it A. Shewadov, A. E. Krukhmatev - Vest, Mosk, un Ser. 1, 104 (c. 24) no. 6/14/22 N-D/66

triplation and development of the theory of communist title. V. G. Smallkov. Fludy Ick, instruct, kho., 11127 - 249 166.

West and the mestal education of the rising generation, 1.1. No Brock, Sev. pedag. 31 no 1904-121 Ja '67, West as an obligatory requirement and an integral part (10 a high statement of Seviet efficient. B. F. Khanstalev, Velt, I till 21 no. '4106-18 '60.

#### WURK-PHYSIOLOGICAL ASPECTS

NOR—ITABOLOGRAL ASPECTS
A) the mila pedagogieleeskikh nauk RSFSR, Institut vocheritch (smemykh) Zaochnykh srednikh shkol, [Inculcaitch of the Communist allitude toward work in students
of evening schools! Venplianie kommunisticheskog
omenfull is kredni u uchashchikhsla vochornikh shkol,
Ped red. L. A. Vysotinol. Moskva, Prosveshchenie,
18th, 11tp. (Prdagogicheskie chtonia)
(ERC) (EffC)

R B re need for physiologists in industry? G. Lathov, "A Antolo Penko, A. Kaushanshii, Sota bud, 12 no.l; (1996) Ja [67].

# WORKBOATS

16 I_p n and delivery of a self-propelled floating workshop. A 25 2-bent to Sudostroenic 27 no 1,59-61 Ja 461.

# WORK CLOTHES-STANDARDS

Hussia (U.S.S.R.) Gosudarsivennyi komitot standartov, i er i lemer Hel'nykh priborov. [Mon's clothing for Liners] Kosilum muzhskoi dlia gornorabochikh, GOST 1938-64. L.d. offisial not. Moskva, Izd-vo Standartov, 1961. 15 p. (SSSR Gosudarstvennyl standart)

# WORKS COUNCILS

(ree also nubdivision under Saratov Province, White Hussia)

Droblyher, V.Z. [Main headquarters of socialist in-distry; evenys on the limitory of the All-Russian Council il Sathonal Fromomy, 1917-1932] Glavnyi shiab sotsia-litic besket in onyshiomosti; ocherki istorii VSNKh, 1917-1932 gg. Moskya, Mysl, 1966, 203 p.

 $1 < {\rm concept} k$  werk in a trade-union group. M. Kovalenko,  ${\rm Nov.}$  producingly  $(23 - 10) \cdot 1:10$  -13 Ja  $^{1}67$  .

In sourch of the new. A. Zigethoim, G. Bellakovich . storg, 10 no. 12,24-26 D (60,

We conditions and new demands. I Orley. Sov. profrulnzy 23 no 1;6-8 3n 167

# WOULD I EDERATION OF TRADE UNIONS

Fifteenth atmiversary of the World Federation of Trade Universa. A.J. Smit nov. Razved. 1 okh. nedr 26 no. 8; 50-57 Ag 900.

# WOULD HISTORY—JUVENILE LITERATURE

Prin, M., and F. A. Segal, [How man became a glant] Kak clelovek stal volikanom. Moskva, Delskala lit-ra, 1987, 606 p.

### WOULD POLITICS

Current problems of world politics. Mir. ekon, i mezhdualr. otn. no. 1,83-102 '67.

For unbreakable peace in the world, III, Trushin. Agitator no. 17:18-20 S 162.

From the summait of our 50th year, Al. Leont'ev. Komm. Vioruzh, Sti. 47, no. 1/81-88, Ja. 167.

In the notebooks of propagandists. Mezhdunar, zhizn' (4 nu. 2.165-166 167.

International notes. Nov viers, 25 no. 5:25-26 Ja 167. International notes. Nov. vrem. 25 no. 6:29-30 F 167. International notes. Nov. vrem. 25 no, 7:26-27 F 167. International notes. Nov. vrom. 25 no. 9:24-25 F '67.

International notes. Nov. vrem. 23 no. 10-23-24 Mr 167

Letters to the editor. Nov. view 25 no 64 F 167. I etters to the editor. Nov. view. 25 no. 945 F 167. Letters to the editor, Nov. vrem. 25 no. 1044 Mr 167. Our comments. Nov. viem 25 no. 61-4 F 167,

People, events, and sacts. Az i Air seg. 10 no 1 56-59 Ta 167

World events. Nov viem 25 no, 5 32 Ja 167 World events Nov viem, 25 no 6 36 F 167,

World events Nov view 25 no 7 32 F 167. World events, Nov. vrem. 25 no. 9:34 F '67.

World events. Nov. vrcin 25 no. 10 32 Mr '67,

The United Nations facing new problems. V. Shestov. Mezhdunar, zhizhi 11 no. 2:26-33 167.

# WORLD WAR, 1939-1945

WORLD WAR, 1939-1945
(see also subdivision under Azerbaijan; Black
Soa region, Buryat A.S.S.R., KabardinoBalkar A.S.S.R., Norway; Poland, Raseinlat
District, Shauliai, Lihuania; Smolensk Province,
Ukahine, Uzbokistan, Zagorany, White Russia)
Eremeov, L.M. [Through the eyes of our triends and
commics, the role of the Soviet Union in the defeat of

fascist Germany) Glazami druzel i vragov, o roli Sovet-skogo Soiuza v razgrome fashistskol Germanli, Moskva, Nauka, 1966. 271 p. (Vtorala Mirovala volna v issle-dovanijakh, vospominanijakh, dokumentakh)

I essens of history, M. Zakharov. Veca. vest 41 no. 6: 3-8 Je 'Gl.

Macevičius, K. [The grain ripened a long time] ligai brandintas grudas. Vilnius, Vaga, 1984. 321 p. [In Lithuanian (MH)

Nomekonovia relay V.Kolesnikov. Sav. voin 43 no 24

Percehney, IU.G., and IU.A. Vinogradov. [Guarding the sea horizons] Na strazhe morskikh gorizontov. Moskva, Voenizdat, 1967. 303 p.

Sgibney, A.A. [A man from the legend; sketches] Chelovek iz legendy, ocher ki Moskva, DOSAAF, 1986. 86 p

Victory of the Soviet Armed I orces in the Great Patriotic War., Romm, Vootuzh, Sil 17 no 1:71-77 Ja 167,

# WORLD WAR, 1939-1945-AERIAL OPERATIONS

A battle between an armored train and fascist bombers, A. Kosunogov, Voen, -ist. zhur, 9 no. 1 73-74 Ja 167.

Especially important assignment, A. Khorobrykh, Av. 1 kosm., no.242-16 ft 67

The flierts name was Nikolai Baranov. L. Akselirod. Mol. komm. no. 12 114-115 D '61.

Order of Lenin of the Communist Andres Danilov, N. Shimanov, Av I kosm, no. 2 79-82 F '67,

Winged commissans, I. Shufeiko, Av. i kosm. no. P17-19 Ja 167.

Word before the start A Anokhin Av 1 kosm, no. 1:66-69 Ja 167

# WORLD WAR, 1939-1945-BATTLEFIE LDS

Raconnalesance exists still today. B. Kovzan. Mol. komun, no. 10:1-4 '66,

# WORLD WAR, 1039-1045-CAMPAIGNS

Sharipov, A.I. [That's the way it was during the war]
Tak bylo na voine. Moskva, DOSAAF, 1966, 109 p. (ČSt-II)

# WORLD WAR, 1939-1945-DIPLOMATIC HISTORY

Turkish relations with England and the United States during the Second World Way. V. Gugeinov. 12v. AN Azerb, SSR. Ser, ist, , files i prava no, 3;41-49 66,

WORLD WAR, 1939-1945-JUVENILE PARTICIPANTS Their deeds always serve as an example. M. Lebedeva. Nach shkola 35 no. 2 12-14 F 167.

# WORLD WAR, 1939-1945—PERSONAL NARRATIVES

Along military highways (conclusion). N. Sirakhov. Voca, -ist. zhur. 9 no. 1:63-72 Ja '67, Letters to the editor. Vop. ist. KPSS 11 no. 2:110-112

Rominiscences of the chief of an operations section (to be continued), I. Bagramian. Voen. -tst. 2hur, 9 no. 1:48-62 Ja '67.

# WORLD WAR, 1939-1945-PHOTOGRAPHY

Zel'ma, G. Stalingrad, tiul' 1042-fevral' 1043 goda.

Stalingrad, July 1942-February 1943, Fotoreportazh
Georgia Zel'my. Tokst Konstantina Simonova. [n,p,]
Izd-vo Agentstva pechati "Novosti" [n,d,] 1v, (chiefly
illus.) [Parallel texts in Russian and English]

WORLD WAR, 1939-1945-SECRET SERVICE A brigade with a special assignment, B. Smagin. Mol. Romm no. 10:29-31 '66,

# WORMS, INTESTINAL AND PARASITIC (see also subdivision under Balkal, Lake; Moldavia; Turkmenisian; Yakutia)

Basic results and prospects of the control of helminthia-sis in man in the U.S.S.R. P.G. Serglev, E.S. Shult-man, I.G. Abi amoya, Med. paraz.i paraz.bol. 35 no.6;643-652 N-D 466.

New modification of dehelmithization with oxygen in the treatment of some dermatoses in children P.E Masl.v Sov med 29 no. il 114-117 \ '66

#### WORT

Characteristics of conversion of nitrogen-containing components of " oil in relation to their initial level E. A. Mantashian. Biol zhui Aim 19 no 12:39-45 D '66

#### WOUNDS

Some methodologies of determining leasons caused by glass M V Rozinov, Sud-med ekspert 9 no 423-27 O-D '66

#### WRENCHES

Loadring eight-inch column rith UME-3 tongs. F. Sychev. Nettianik II no 9 30 S '66.

#### X-RAY DIFFRACTION EXAMINATION

Bleidells, J [X-rays, prospectors of crystals]
Renigenstari - kristalu izluki, Riga, Zinatne, 1986 94 p. [In Latvian]

Physical nature of stool hardening under the action of light pulses. L I Mirkin, N F Phiputskii Dorl Ali SSSR 172 no. 3:580-581 Ja 167

Possibilities of method of X-ray topograph, for studying characteristics of crystal growth LV. Kabanovich and others Min sbor 20 no 4 571-573 166

Refinement of the crystalline structure of diparatolyl disalphide L.G. Vorontsova, Z V Z. onkova, G S Zhdanov. Dokl AN SSSR 172 no 3 584-587 Ja '67

Structural changes in synthetic sodium acolites of chabb-zite-gmelimte group. E. E. Sendero:, T. N. Shishakiva. 12v. AN SSSR Ser khim no. I 165-167 Ja 167

Study of the phase composition of vanadium catalysts by X-1ay and electron microscope methods L.N.Kurina and others. Trudy TGU 185 103-110 '65

X-ray diffraction and microstructure study of phase telations in the formation of barium cobalt havaferrite BaCo₂ Fe₁₆ Co₂₇ M A Vinnt, A. 1 kgranovsata, N. Semenova, Zhur, neorg khim. 12 no 138-43 Ja *57

X-raydiffraction examination of e-UMo₂O₆ and e-ThMo₂O₈. V. K. Trunovo, O. A. Ffremova, L. VI. Kovba, Radio-khimila no 5;717-718 465.

X-1 ay diffraction examination of bimetallic carbonyl derivatives and the length of metal-metal bonds in molecules. IU.T.Struchlov and others. Dokl in SSSR 172 no.1:107-ll0 Ja '67

X-ray diffraction study of poinssum tetrafluotriborate Kg[Bg03T40H], V.A Egorov, L.R. Batsanova Zhur neerg khun, 12 no.1 279-280 Ja '57

#### X-RAY DIFFRACTION EXAMINATION—EQUIPMENT AND SUPPLIES

Use of Gull -3 diffractometer in morphological studies of crystals K. P. IAnulov. L. A. Khoi caholova. Zap. Vses. min ob -va 95 no 6:705-737 '66

# X-RAY SPECTROSCOPY

Studying mutual diffusion in binary systems for ming continuous series of solid solutions by the method of local X-ray spectum analysis. Part 1; Systems Fe - Pd. Co - Pd. Ni - Pd. Cu - Pd I. B. Borowskii. I. D. Manchakova. III. E. Ugaste. Fiz.met. 1 metalloved. 22 no.6;349-358 D '66.

#### X RAYS-EQUIPMENT AND SUPPLIES

Mounting of a grid with adjustable movement on the RUD-110-150 X-ray apparatus. N.S. Bagdanov, V.V. Kurov. Vest. rent. i rad. 11 no. 6-76-77 N-D '66.

# X RAYS—INDUSTRIAL APPLICATIONS

Radiographic determination of the contact between the clothing and the body. G.S. Ivleva, D.B. Lermontova, V.G. Ginzburg, Lv. vys. ucheb. zav.; tekh. lug. prom no. 6:160-104 *66

# X RAYS—PHYSIOLOGICAL EFFECT

Bonding and release of ammonia in brain of white rats subjected to X-ray irradiation A. TSPikuleu, T. K. Asipchyk, Vestsi AN BSSR Ser, bital nav no. 4 75-79

Changes in blood proteins in animals following prolonged fractional X-ray irradiation. A. B. Rusakov, Z. IA. Vainer. Med. rad. 11 no. 12.55 D '68

Changes in the blood pressure and respiration due to the external action of ionizing radiation K.Sh. Nadarensh-vili. Soob, AN Gruz, SSR 27 no. 2 209-215 Ag 161.

Change in the catalase activity of the blood under the influence of lethal X-ray irradiation. L A. Tiunov, G.A. Vasil'ev, O. I. Smirnova. Radiobiologia 2 no 4 548-552 162.

Changes in mitotic activity of exploil extremity tissues following restoration of regeneration ability inhibited by X rays. S.IA, Tuchkova. Dokl. AN SSSR 172 no.1; 222-224 Ja 67

Changes in myotatic reflexes in X-rayed rabbits, Z.M. Gvozdikova. Radiobiologija 2 no. 4 573-579 162

#### WOMEN AS SOLDIERS

Krwich, G.D. [The women snipers of Leningrad] Zhen-shchiny-snaipery Leningrada. Leningrad, Ob-vo "Znunie" RSFSR, 1966. 39 p.

WOMEN IN THE TEXTILE INDUSTRY see subdivision under Narva (Estonia)

#### WOOD-CHEMISTRY

Concentrate science forces on the decisive lines or scientific research. Gidroltz i lesothim prom. 15 scientific research no. 5 1-3 My 162

Continuous hydrolysis of the polysaccharides or plant tissues with 46-485 or hydrochloric acid. Report No 3 Theorption of high open chloride by moist vood N V Chalor. L. Leablink Izv vys ucheb zav les zhui 9 no 6 139-143 '66

Continuous hydroly sis of the polysaccharides of plant tiesues by 46-487, h, discibling acid. Report No. 6-Thermal treatment of vood saturated by gascous hydrogen chloride ath simultaneous increase of the partial pressure of hydrogen chloride. N.V. Ko N.V Chalov. Shor trud, NHG5 11 180-191 '85. N. V. Korotho ,

Recovery of vinyl acetale from the var residue of acetic acid excitification, 1U,IU TSmur. Gidroliz r lesokhim, prom. 15 no. 5 12-13 My *62

Results of the contest for the best scientific and tecluical paper Gidroliz ilesokhim, prom, 15 no 5 26 My 162

Scientific Council of the Scientific Research Institute of the Hydrolysis and Sulfite-Distilling Industry M. L. Krumgol'ts Gidroliz i lesokhim prom. 15 no. 5 28 My. 162

#### WOOD-TESTING

Determining the elasticity modulus of wood by the vibration method  $L_{\rm r,I}$  Kondiatov Izv.vys.ucheb.zav, les zhur  $\theta$  no 6.97-99  $^{1}66$ 

#### WOOD, COMPRESSED

Characteristics of molding compounds obtained on the base of coal in from the head fraction of ray beneal E.D. Levin, I.G. Prandivyi, L.V. Naginskaia Koks i khim no 7-43-45 '62

Wear resistance of machine parts made of compressed wood N. M. Tarasov, M. M. Podlesnykh izv vys ucheb zav., les zhir 9 no 6:105-108 '66.

The current borer Agrilus chrysoderes on the "komunist" Experimental and Training Farm of the Kharkov Agricultural Institute. E.G. Vaganova Trudy KHSKHI 55:96-101 '66.

# WOOD BORERS-EXTERMINATION

Testing some insecticides in controlling current boler beetles during 1964-1965. E.G Vaganova Trudy KISKHI 55,102-105 '66.

#### WOOD-DECAYING FUNGI

Studying biological characteristics of the strains of Ganoderma applanatum(Pers, Pat) from various trees P. A. Suvorov. Uch.zap GGU no 50,4-17 159,

Studying the resistance of the wood of poplars to the complex of soil inhabiting posts E K Churykova, Lizhosp, lis, pap. rder. prom. no 121-26 Ja-F '87

### WOOD ENGRAVING

Book about the Russian popular print N Kuzimin Nov mir 38 no 12 259-261 D 462

# WOOD ENGRAVINGS

Favorskii, V.A. [About artists, creative work, and books] O khudozhnike, o tvorchestve, o knige. [Moskva] Molodala gvardila, 1966, 125 p. illus.

# WOOD FINISHING

PE-220 polyes-ary drying. E. A. 3.3:86-90 '66.

wood, a review Sushka lakokrasochnykh pokrytii na drevesihe, obzor. Riga, Latviiski respubl, in-t nauchno-tekhn, informatsii i propagandy, 1966, 29 p. (Listok tekhnicheskoi informatsii)

(Liston teaminesson information)

Magnutude of the indices of the refraction of polyester ven sishes B. V. Prokopovich. E. A. Cherniakov. Les. bum.i der prom. no. 3;61-65 '66

Morgin, E., I. Belziter, and I. Post. [Improving production processes in furniture finishing] Usovershenstvovante prolevodsvennykh professeov na otdelke mebeli, Riga, Latvidskii reapubli, in-t nauchno-tokin, informatsii i propagandy, 1968, 13 p. (Listok tekhnicheskoi informatsii. Derevoobrabatyvalushchala i bumazhnala promyshlennost')

Mothod for determining the porosity of varnish coatings applied to wood. M. P. Goren'kov. Izv.vys.ucheb.zav., les.zhur. 9 no.6:93-96 '66

Technology of the preparation and the optical and mechanical characteristics of coating materials for studying average plastic deformations. V. N. Bil'trikov. Izv. vys. ucneb.zav., les.zhur. 9 no.6:102-104 '66.

Studying the process of bubbling in varnish flow-coating. B.V. Prokopovich. Les. bum.i der. prom. no 3:51-61 '56

#### WOOD PRESERVATIVES

A new antiseptic, I, N Nich, E D, Pomin, Putt i put Fhoz 10 no 9 13-15 '60

#### WOODPIILP

Manufacture of high-yield subtite woodpulp it om poplar I Daut, I, Kobot, D Hering Bum prom 37 no 5 3-6 My '62

#### WOODPULP-MICROBIOLOGY

Contamination of commercial bleached a codpulp by micro-organisms 1 A Lebedeva, A. A Konovalova Bum prom. no 12 18-19 D 666

Investigating the causes of woodpulp deterior ation during storage E.P.Oshcheptova Pum prom 47 no 5.21storage E 22 My '62

#### WOODPULP INDUSTRY

Change of the supramolecular structure of cellulose during sulfite and sulfate cooking E.D. Perminov. V.1 Sharkov Bum prom no.1;3-5 Ja 167

Concerning the article "Tradition or necessity " k.V. Matarucy, N. G. Nivol'skii Burn, prom no. 1,23 Ja '67.

Cooling chips with a liquor prepared with a combined base kh V. Yun. Bum prom no. 12 12-11 D 456 Deresination on "Attis" filters. R. A. Teplitskain. Z. M. Bashkutseva. Bum. prom. no. 1:12-13 Ja 167.

Ne. progressive technology of the causticization of green liquor. B. M. Gutkin. Burn. prom. no. 1;27 Ja 167.

Reducing reactions in sulfate cooking. IV. A. Gugnin
Ivv vys ucheb zav., les zhar 9 no 6:127-129 '66
Studying the process of the saturation of wood by cooking liquor prepared with calcium and sodium bases. A Buevskaia, IU, N Nepenin. Bum. prom. no. 12.3-6

Sulfate pulp from the wood of pine stumps and roots, A.P. Matuushkina, M.I. Ageeva, L.V. Skvottsova Bum prom. no. 12 10-11 D. 666

Utilization of secondary waste heat B. N. Sokolov, B. I'. Freeman Bum prom 37 no 5 22-23 My '62

#### WOODPULP INDUSTRY-BY-PRODUCIS

Characteristics of yeasts used for the production of protein feeds from woodpulp industry wastes, T.N. Semushina, N.I. Monakhova Gidvoliz, i lesukhim prom. 15 no.5;7-10 My '62,

#### WOODPULP INDUSTRY-EQUIPMENT AND SUPPLIES

Cooking unit "Pandiia." Bum. prom. no.1:32 Ja '67. First steps B Gorbovskii Na stroi Ros 1 no 324

Inclined "Gorka" screen A. L. Avdeev Burn, prom. 37 no 5 24 My '62

Seminars for digester liners. B.V. Lopatin, Bum. prom. no. 12:14 D '66,

Static converters in the electric drive of pulp grinders. O. E. Terebilo Bum prom. no.1;10-11 Ja '67.

#### WOOD TAR

Soluble wood tar as corresion inhibitor for ferrous metals. D V Zheltukhin, Gldnoliz, i lesekhim, prom 15 no 5 11 My *62,

# WOOD-USING INDUSTRIES

(see also subdivision under Andizhan, Kirov; Ukraine)

Textbook on the economics of the wood chemistry and hydrolysis industry, M I. Gallperin, I G. Illrev Gidroliz, 1 lesokhim, prom 15 no. 5:31-32 My '62,

# WOOD-USING INDUSTRIES—EQUIPMENT AND SUPPLIES

Arrangement of the equipment of wood-chemistry indus-tries and the industrialization of the operations for its assembly and installation. B T Paylov. Gldroltz.i lesokhim prom. 15 no 5 28-30 My '62.

Adjustment of the DKV-0,5 boiler unit with high-speed combustion furnace for the burning of wood waste, B. B. Sternin, P. A. El ofcev, A. P. Tikhonov, Energo-mashinostroenie 6 no. 9:37-38 S '60.

Ginzburg, B.A. [Using low-grade lumber wastes in making mass-produced consumer goods] Ispol'zovanie otkhodov nizkosortnykh pilomatei islov dlia izgotovlonila izdelli shirokogo potreblenila. [Moskva, TSentr. bluro tekhn, informatsii, 1957] 18 p. (OrCS)

Sawdust for the manufacture of high-yield hemicellulose and cellulose E. Shvartsshtein and others. Burn. prom 37 no 5 7-10 My '62.

Shkiria, T.M. [Using the wood of beech branches and treetops in the making of bent furniture] Ispol'zovanio drevesiny bukovykh such'ev i vershin dita izgotovlenita izdelii gnutoi mebeli. L'vov, L'vovskii lesotekhn, in-t, 1958, 18 p. (OrCS)

# WOOD WASTE-ECONOMIC ASPECTS

Economic effectiveness of the industrial processing of wood waste. E. IA, Okaanich. Los.bum.ider.prom.no.3;41-51 f66

I valuating wood vaste in determining the economic effect tiveness of its processing. 1.14. Obsanich. Teachum. 1 do: prom. no.3:31-11 466.

#### WOODWORK

A vanity shelt L. P. Antonov, Shkola i proizv. 10 no. 10-50-51 O '66.

#### WOODWORK (MANUAL TRAINING)

The cutting of dowels. M.D.Latin, N.M. Fokin, 555.01. i proizv. 10 no.12;49 D 56.

#### WOODWORKING INDUSTRIES

(see also subdivision under Brutsk, Irkutsk Province, White Russia)

Varakin, IU. M., K.S. Klykov, and V. B. Protovskii. [Means for the automation of sawmilling and woodworking production] Sredstva automatizatsii lesopil'no-derevo-obrabalyvatushelikh protvodstv Moskva, Lesnala promyshl., 1967, 354 p.

#### WOODWORKING MACHINERY

(see also subdivision under Stryy region, Ukraine)

For mation of wood particles and the parity of procuring as related to the blunting of a cutting instrument 17, A. Nolovskii. Lessburnsi dersprom. no. 3:25-31 '66.

Leont'ey, I.I. [All-purpose machine for bonding and pressing furniture parts] Universal nyi stanok dita gant'ia i pressovanila mebel'nykh detalet. [Moskva] TSenti, blur o tekhn, informatsil [1957] 10 p.

New design of the chopper kulfe, 1/8, Medovala, Gduoliz, I level of engineering efficiency of electric control systems for woodworking machines 1, V Gutnichenko, Tekh 1 org, prof. v, no 6/24-25/8-11/66.

#### WOODWORKING MACHINERY-HYDRAULIC DRIVE

Determining the efficiency and economic naperts of the hydraulic drive of the equipment of the lumbering and woodworking Industry. M.I. Baran Learburn i der prom. no. 3;3-11 166.

WOODWORKING MACHINERY-HYDRAULIC FQUIPMENT see subdivision under Kiev

#### WOODY PLANTS

Coo also subdivision under Daryaza Range; Tsinling Mountains; White Russia)

Periodicity of combines activity is a one and stones of woody plants. A. A. Randelaki Sooh, AN Gru, SSR 44 no 3,445-451 N 66.

WOODY PLANTS-DISCASES AND PESTS see subdivision under Abkhazia

(see also subdivision under Kazakhstan; Rostev Province)

Carbonization of burry wool. V. M. Sherishev. Nauch, -issl, trudy TSNIISherpti no. 20:17-72 '65,

Content of protein and interrelation of protein fractions In the blood serum of sheep in connection with their wool yield. M. K. Kroiter, M. T. Katkov, A. L. Hadenk Vest, sel'khoz, nauki [Kazakh.] 16 no. 1-68-71 Ja 167. A. L. Hadeuber,

Feelmological study of the wool of Kazakhston sheep, N.S. Lazukov and others, Nauch -insl. trudy TSNUShcratlno, 20,3-24 465.

Wood contume fabrics with synthetic fiber s. S. Salikhov. Sov. torg. 40 no. 12:37-39 D *60.

# WOOL-GRADING

(see also subdivision under China

Technological evaluation of imported nonuniform wood and its separation into medium-rearse and coarse categories, V. I. Kir inkhina, Nauch, -insl. trudy fSNRShersti na. 20-38-47 '05.

# WOOL-TESTING

Instrumental method of taking samples from a hate of wood, S.M. Kiriukhin, Nauch, 48si, trudy TSNIFhernti no, 20-273-262 165.

no. 49-31-322 '00.

The P.S apparatus for determining the dustiness of secured wool. L. A. Luvishis, S. M. Kiriukhin. Nauch, -issi, trudy 'ISMISherst: no. 20:235-273 '65.

Wear resistance of woolen garment fabrics, L. A. Luvishis, I. S. Margolin, N. P. Karzina. Nauch, -issi, trudy TSNIIShersti. no. 20:237-235 '65.

### WOOL COMBING

Speed of the revolution of the doffer and the productivity of the roller comber, G.O. Lezhebrukh, Nauch, -ieel, trudy TSNIIShersti no, 20,73-87 '65.

Speed of the revolution of the main cylinder and the productivity of the ruller comber. G. O. Lezhebrukh Nauch, -isel, trudy TSNIIShersti no. 20:88-105 '65

#### WOOL INDUSTRY

What is new in the instruction for state deliveries of weel. A. Sidorov. Zakup, sel'khoz, prod. no. 12:20-32 D

WOOL INDUSTRY—FINANCE acc subdivision under Staraya Kupayna (Moscow Province)

WOOLF N AND WORSTED MANUFACTURE | see subdivision Lider tatodio

# WOOLFN AND WORSTED MANUFACTURE—COSTS

storage in manufacturing costs in the wool industry, 1 McCareage Nameh, -tool, trudy PSNIISherote no 20 292-213 165.

# WOOLEN AND WORSTED MANUFACTURE-PRODUCTION

STANDARDS
section 11 Remains for ray wool in the wool industry A.A.
Jurchimass, I I Benublin Kauch - 1981, trudy
Telsifence at no 20 288-298 (0)

#### WOOLEN AND WORSTLD SPINNING

**. Ling the properties of altron obers and the technolog-ned creditions of their processing in vorsited and . - to no printing N.S. I francia. Nauch -issi trudy 455H5cm2 sit no. 'O H6-127 - 65.

(1) and the properties of vara produced by the centringal motivol. M. I. Kulagina, A. G. Sordinova, V. I. Etmenko, Sorola -t. al. Gudy PSNIShersteino, 20 104-416, 455.

#### WLERK

Claused particle of work and the development of the new tages of workers. V.S. Profeshir, Frudy Isk. un. 30 Lagrand Contributions Trad Ott-116 165, ...

Correlation of material and moral incentives to work.

Do present-day phase of the building of communitm, II A.S. or alov, A. F. Krudunakov, V. st. Mosk un Ser. S. Files. 21 no. 6:14-29 N-D 466

Expression and development of the theory of communist 13 or - V. G. Smod'kov. Fruly lik, instruct khoz 10,4 275-249 466.

Let and the moral education of the rising generation, L. I. Merikava. Sov. pedag. If no. 1404-121. Ja. 167. 1978 as An obligatory requirement and an integral part of the Injuly statute of Soviet education. B. P. Khrustalev A. et Feat. 21 no. 24 106-116. 166.

#### WORK-PHYSIOLOGICAL ASPECTS

Attachila pedagoglehoskikh nauk RSI-SR, Institut vechorabh fantennykh) I zaoelmykh stednikh shkol. Haculea-II a of the Communist allitude toward work in students e verling schools. Vospitante kommunisticheskogo etrosperita k tradi u uchash bildala vecheridib shkol, Patral, LaA, Vysotinoi, Moskya, Prosveshehenio, 1764. 114 p. (Prasgogleboskie chlonia) 1584. Do (MC)

18 the principle of physiologists in industry? Goladkov, M. Anfol chonko, A. Kaushonskii, Sobs. frud. 12 no.1; 15 0 46, 207.

#### WORKBOATS

tyn med delivery of a self-propelled floating workshop.
 M. Sherrits. Sudostroenic 27 no.159-61 Ja ⁴61

#### WORK CLOTHES-STANDARDS

HUSBA (U.S. S.R.) Gosudarstvennyl komitet standartov, i er flymerikelinykh pilberov. [Men's clothing for itsere] Kosilum muzhakot dila gornorabochikh. GOST 1838-54. 12d. ofitsini'nov. Moskva, Izd-vo Standartov, 1564. 15 p. (SSSR.Gosudarstvennyl standart)

# WORKS COUNCILS

(see also subdivision under Saratov Province; White Russia)

Ivoltation, V. V. [Main headquarters of socialist in-d_stry; cassive on the history of the All-Russian Council of National Economy, 1917-1932] Glavnyi shah sotshi-listic for sked promyshlennosti; otherki istorii VSNKh, 1917-1932 pg. Moskva, Myaf', 1988. 283 p [Main headquarters of socialist in-

1. country work to a trade-union group. M. Kovaleako, how.p. ofsoluzy 23 no.1410-13 Ja 167.

In search of the new A. Zigethoim, G. Beliakovich *11v, 101 pt. 10 no. 12 24-26 D 166.

No. 1 Carn fit tone and new demonds. L.O. lov. Sov. profno. 23 23 no.1,6-8 Ja 67

# WURLD FEDERATION OF TRADE UNIONS

1 steenth annic ersory of the World Erderation of Trade Infinity. A. I. Smirnov. Razved, I okh, nedr 26 no. 8: 55-57 Ag 500.

# WORLD HISTORY-JUVENILE LITERATURE

[Pin, M., and P. A. Segal, [How man became a giant] Kak chelovek stat velikanom. Moskva, Detskala III-ra, 1967. COO p.

# WOILLD POLITICS

Current problems of world politics. Mir. okon, i merhd.mr. otn. no. 184-102 167.

For untreakable peace in the world 10, Trushin, Agitatic (p. 17)18-20 S '02,

From the summit of our 50th year. Al. Leontley. Komm. Vournach, St. 47 no. 161-86 Ja '67.

In the notebooks of propagandists. Mechdunar, zhizni 14 no. 2 155-156 '67.

been itional notes. Nov. veers, 25 no. 5:25-26 Jn 167 International notes. Nov. vrem. 25 no. 6:29-30 F 107. International nates. Nov. vrem. 25 no. 7:26-27 F 167. International notes. Nov. vrem. 25 no. 9:24-25 I' 167.

International notes, Nov. vicm 25 no. 10:23-24 Mr '67

Letters to the editor Nov. vrem, 25 no. 6:4 F 167 Letters to the editor, Nov vrem, 25 no. 9:15 F 167, Letters to the editor. Nov vrcm 25 no 1014 Mr 167 Our comments, Nov view 25 no 61-4 F 467,

People, events, and facts Az, i Afr seg 10 no. 1 56-59 Jac 167

World events Nov. viem 25 no. 5 32 Ja 167 World events Nov vrem 25 no. 6 36 F *67 World events. Nov. viem. 25 no. 7 32 F 167

World events, Nov vrem, 25 no. 9:34 P 167, World events, Nov. vecm. 25 no. 10:32 Mr '67

The United Nations facing new problems. V. Shestov. Mezhdunar, zhizn' 11 no. 2'26-33 '67.

#### WORLD WAR, 1939-1945

(see also subdivision under Azerbaijan, Black (see also subovision duder Azerbadan, Back Sea 1egion; Buryat A, S, S, R., Kabordhor-Balkar A, S, S, R., Norway, Poland, Raseiniai District, Skadiai, Lithuania, Smolensk Province, Unatine, Urbekistan, Zagorany, White Russia) Eremeey, L, M., [Through the eyes of our friends and enemies; the role of the Soviet Union in the defeat of

fuscist Germuny) Glazami druzel i vragov, o roll Sovet-skogo Soluca v razgrome fashistakoi Germanii, Moskya, Nauka, 1966, 271 p. (Vtorata Mirovaia voina v issledovanilakh, vospomlnanijakh, dokumentakh)

I essent of history, M. Zakharov. Voen vest. 41 no 6:

Macevičius, K. [The grain ripened a long time] Bgal bi andintas gradas. Vilnius, Vaga, 1964. 321 p. [In Lithuanian] (MIII)

Nomekonovie relay. V. Kolesnikov. Sov. voin 43 no. 24

Per echney, IU, G., and IU, A. Vinogradov. [Guarding the sea horizons] Na strazhe morskikh gorizontov. Moskva, Voenizdat, 1967. 303 p.

Sgibney, A.A. [A man from the legend; sketches] Chelovok iz legendy, ocherki. Moskva, DOSAAF, 1986. 86 p

Victory of the Soviet Armed Forces in the Great Patriotic War. Komm Vooruzh, Sii 17 no. 1:71-77 Ja '67.

# WORLD WAR, 1939-1945-AERIAL OPERATIONS

A hattle between an armored train and fascist bombers.

A. Kosonogov Voen, -ist, zhut. 9 no. 1 73-74 A. Kosanagay Ja. 467.

Lapacially important assignment. A. Khorobrykh. Av. i kosm., no. 2,12-16 17 67.

The filer's name was Nikolai Baranov. L. Aksel'red. Mol komm no 12:11:-115 D 261

Order of Lenin of the Communist Andrei Danilov, N. Shimanov Av. I kosm. no 2 79-82 F '57 Winged commissars, L. Shulciko, Av. i kosm. no. 1-17-

Word before the start A Anakhun Av i kosm no. 1-66-60 la 167

# WORLD WAR, 1939-1945-BATTLEFIELDS

Racimnalasance exists still today. B. Kovzan, Moi. komm, no. 10:1-1 '66

# WORLD WAR, 1939-1946-CAMPAIGNS

Sharipov, A.I. [That's the way it was during the war]
Tak bylo na voine. Moskva, DOSAAF, 1966, 109 p. (ĆSI-II)

# WORLD WAR, 1030-1945—DIPLOMATIC HISTORY

Turkish relations with England and the United States during the Second World War. V. Guseinov, Izv. AN Azerb, SSR, Ser, lst., filos i prava no. 3:11-48 '65,

WORLD WAR, 1939-1945-JUVENILE PARTICIPANTS Their deeds always serve as an example. M. Lebedeva. Noch, shkola 35 no. 2 12-14 F 167.

# WORLD WAR, 1930-1946—PERSONAL NARRATIVES

Along military highwaya (conclusion). N. Strakhov. Voca. - 191, zhur. 9 no. 1 63-72 Ja 167. Letters to the editor, Vop. lst, KPSS II no. 2/110-112 p '07.

Reminiscences of the chief of an operations section to be continued), I. Bagramian, Voen, -ist, zhur. 9 no. 1:18-02 Ja 167.

# WORLD WAR, 1939-1945-PHOTOGRAPHY

Zol'ma, G. Stalingrad, flui' 1942-fevral' 1913 goda.

Stalingrad, July 1942- February 1943. Fotoreportazh
Georgiia Zol'my, Teket Konstantina Simonova. [n,p,]
Izd-vo Agenistva pechati "Navosti" [n,d,] 1 v, (chiefly
illus.) [Parallel texts in Russian and English]

WORLD WAR, 1939-1945-SECRET SERVICE A brigade with a special assignment, B. Smagin, Mol. komm. no. 10,29-31 '66,

# WORMS, INTESTINAL AND PARASITIC (see also subdivision under Baikal, Lako; Moldavia; Turkmenistan; Yakulia)

Basic results and prospects of the control of helminthia-sis in man in the U.S. S. R. P.C. Sergiev, E. S. Shull-man, I. G. Abramova, Med. paraz. t paraz. hol. 35 no. 6:843-652 N.D. 166.

New modification of dehelmultization with oxygen in the treatment of some dermatoses in children. P E Mastor Sov med 29 no 11 114-117 N 166

#### WORT

Characteristics of conversion of nitrogen-containing components of vort in relation to their initial level E. A. Mantashian Biol zhur. An m 19 no.12 39-45 D *66

#### WOUNDS

Some metholologies of determining lesions caused by glass M V Rozmov Sid -med ekspert 8 no 123-27 O-D '66

Lovering eight-inch column with UMK-3 tongs, F Sychet Nofitanik II no. 9 30 S 466

#### X-RAY DIFFRACTION EXAMINATION

Bieldelis, J. [X-rays, prospectors of crystals]
Rentgenslari - kristalu izluki, Riga, Zinatne, 1968 94 p. [In Laivian]

Electric and ortical properties of titanium dioxide films. T.S. Trayina. IU. A Mukhin lizv vys.ucheb zav., fiz 9 no  $6.74-80\,$   $^{1}66$ 

Physical nature of steel hardening under the action of light pulses. L I Mirkin, N F, Pilipetskii Dokt, AN SSSR 172 no 3:590-583 Ja 467

Possibilities of method of X-tay topography for studying characteristics of crystal growth LV Kabano-ich and others Min shor 20 no. 4 571-573 166

Refunement of the crystalline structure of diparatolyl disulphide. L G. Vorontsova, Z V Zvontova, G S Zhdanov. Dokl. AN SSSR 172 no. 3 584-587 Ja '67

Structural changes in synthetic sodium zeolites of chaba-zite-gmelinite group. E. E. Senderov, I. N. Shishakiva Izv. AN SSSR Ser. khim. no. 1-165-167. Ja 167.

Study of the phase composition of vanadium catalysts by X-ray and electron microscope methods, L N Kurma and others. Trudy TOU 185 103-110 165.

X-ray diffraction and microstructure study of phase relations in the formation of barium cobalt nevaferrite. BaCu₂ Fe₁₅ O₂₇ M A Vinnit, A.1 Vgranovskiate, N. N. Semenova. Zhur neorg khim 12 no.138-43 Ja '67.

X-1 ay diffi action examination of a UMo₂O₈ and a ThMo₂O₈. V, K, Trunovo, O, A, Efremova, L. M, Kocha. Radio khimila no.6;717-718 '66.

X -ray diffraction examination of bimetablic carbonyl derivatives and the length of metal-metal bonds in molecules. III, T. Struchkov and others. Doki AN SSR 172 no.1:107-110 Ja '87.

X-ray diffraction study of potassium tetrafluotriborate h2[B303F40H] V \ Egotov, L. R. Batsanota, Zhur, neoig kluin 12 no.1-279-280 Ja 167

### X-RAY DIFFRACTION EXAMINATION—EQUIPMENT AND SUPPLIES

Use of GUR-3 diffractometer in morphological studies of crystals. K. P. IAnulov, L. A. Khorosholova Zap. Vses. min. cb-va 95 no 6:755-757 565

# X-RAY SPECTROSCOPY

Studying nutual diffusion in binary systems forming continuous series of solid solutions by the method of local X-ray spectrum analysis Part I; Systems Fe - Pd, Co - Pd, Ni - Pd, Cu - Pd I, B, Borowskit, I, D, Marchakova, IU, E, Ugaste Fiz.mct.i metallored. 22 no 6:849-358 D 466.

# X RAYS—EQUIPMENT AND SUPPLIES

Mounting of a grid with adjustable movement on the RUD-110-150 X-ray apparatus, N.S. Bogdanov, V.V. Kurov, Vest. rent. i rad. 11 no. 6;76-77 N-D '66.

# X RAYS-INDUSTRIAL APPLICATIONS

Radiographic determination of the contact between the clothing and the body. G. S. Ivleva, D. B. Lermontova, V.G. Ginzburg. Izv. vys. ucheb. zav., tekh. kg. prom. no. 6:100-104 '86.

# X RAYS-PHYSIOLOGICAL EFFECT

Bonding and release of ammonia in brain of white rats subjected to X-ray irradiation. 4 TSP:kuten, T K. Asipchyk Vestsi AN BSSR, Ser blial, nav. no 4-75-78

Changes in blood proteins in animals following protonged fractional X-ray irradiation A. B. Rusakov, Z. IA. Vainer, Med. rad. II no 12:55 D 166.

Changes in the blood pressure and respiration due to the external action of ionizing radiation K.Sh. Nadareish-vili, Soob AN Gruz SSR 27 no. 2;209-215 Ag *61

Change in the catalase activity of the blood under the influence of lethal X-ray irradiation. L A. Tiunov, G A. Vasiltov, O I. Smirnova Radiobiologia 2 no 4 548-552 162.

Clianges in mitotic activity of axoloti extremity tissues following restoration of regeneration ability inhibited by X rays. S.IA. Tuchkova. Doki AN SSSR 172 no l; 222-224 Ja 167.

Changes in myotatic reflexes in X-rayed rabbits. Z. M. Gwozdikova. Radioblologua 2 no. 4-513-579 162.

#### X RAYS-PHYSIOLOGICAL EFFEC! (Continued)

Effect of remainer admitten of contractile nunction of Satisfied in usedes in mogo K 5h Nadarcishath O.1 Samblidge Soob AN Graz SR 14 no 3 741-718 D 466.

Effect or familing to Jiation on high-polymer RNA of Chrlicht, southe cancel cells. L.S. Mil'man. I M. Shapiro. Radiobiologia 2 no 4 530-532 %2

Effect of ionizing radiation on the adenosine triphose-phatase activity of crystalline toyosin. G. V. Chitorolidze. Shob M. Gruz SSR 27 no. 3 157-164. Ag. 161

Effect of Y-ray itradiction on the growth of benes under experimental conditions. A. M. Sataroll, S. V. Shtern, Mrd. rad 12 no. 1 63-67. Ja. 167

Effect of X rays on the course or vaccinal processes and on the intensity of immunity following antitular emia immunization. R. V. Sareller a., Medical., 7, no. 10, 68

Effect of \( \) ays on the development of embryos and placents in rats following in addition on the 9th day of pregnancy. A P Milonov Bird eksp biol 1 med. 63

pi egnancy. A P Nicolog. Blue easy profit men. of no 1 85-88 J. 167.

Effect of Y rays on the natural resistivity and the formation of active immunity to the smallpox vaccine vitus in rabbits. L. A. Kamalien. Radiobiologus. 2 no. 4 586-589 162

Immiunilogical properties of denaturated blood serum proteins of rabbits subjected to ionizing radiation. L.G. Prokupenko Radiobiologija 2 no 4 580-585 '62

Mechanism of the effect of irradiated thyroid gland on the cerchial corte IN Kondratieva, Radiobiologiia 2 no 4 569-572 162

Protective action of phonatine and mercamme on the development of the soldial papillae of the eye in a chick ombigo following K-ray triadation V F Puchkov Radiobiologia 2 no 1611-615 163

Radiosensitivity and the course of radiation sickness in was four rodent species following irradiation in LD 50/30 and LD100/30 doses M. A. Bi egadze Soob. NV Gruz. 5SR 44 no 3 749-756 D 486

Relationship between radiobiological effect and incubation of silkworm eggs. IA G, Alphalara, Soob AN Gruz SSR 44 no 3:727-734 D '66

#### X RAYS-SCATTERING

Thermal diffuse scattering of X-1 ays by hexagonal close-packed polycrystals — F. Rei manov. O. N. Shyrin Lzv.vys ucheb.zav., fir — 9 no 6 136-138 | 66

#### X RAYS-THERAPEUTIC USE

Radiosensitizing effect of methylethylketone diperovide in X-1ay irradiation of lymphosarcoma in white rats, L.A. Tunov and others. Med. rad 12 no 19192 J

# XANTHOMONAS see subdivision under Ukraine

### XENON-SPECTRA

Separation of nuclear isomers of xenon 133. V. D. Nefedov and others Radioklamita no. 6:714-716 '66

Study of regional ventilation and blood flow in lungs by means of Ve¹³³ K.D. Kalanta; ov and others. Med means of Ye¹³³ K. D. Kalantatov and others Med rad II no 12-14-20 D 166.

Study of chemical transformations as a result of  $\beta$ -decay or ²³! of iodoxybenzene VD, Nefedov and others, Radiokhimira no 6:719-720 | 66.

# KENOTIME see subdivision under Asia, Central

## YACHT BUILDING

Designing the hull of metal yachts. D. A. Kurbatov. Sudostroenie 27 no.1.41-47 Ja '61

# YAKUTIA—CHEMICAL ELEMENTS

Paraelements of kimberlite pipes of Yakutia, N.T Uklonskaja Nauch trudy TashGU no.234 Geol nauki no.20:62-67 64.

YAKUTIA-CULTURAL PROPERTY, PROTECTION OF The main subject. E. Artem'ev. Part, zhizn' no. 4:17-18 F 167.

### YAKUTIA-DRAINAGE

Bloey, L.N. [Hydraulic structures for agriculture in central Yakuta] Gidrotekhalcheskie sooruzheniia dita sel'skogo khoziaistva TSentral'noi IAkutii. IAkutsk, IAkutskoe knizhnoe izd-vo, 1963. 52 p.

# YAKUTIA-FOLK DANCING

Khopnitskala, M.IA. [A study of the traditional dances of the peoples of Yakutia] Opyt tzucheniia traditsionnykh tantsev narodov IAkutii, Moskva, 1964, 10 p. (International congress of anthropological and ethnological sciences, 7th, Moscow, 1964, [Papers, no. 21])

### YAKUTIA-FRANCKEITE

Find of franckeite in Yakuna, V. V. Ivanov, O. E. Illahko-Zakharova, Trudy IMGRE no. 4-131-135 '80.

#### YAKUTIA-FUR-BEARING ANIMALS

Characteristics of the hunting grounds of tandra and forest tindia zones in northeastern Yakutta B A Mikhailo Skii Nauch soob IM AN SSR no 8 79-85

Fur trade resources in the nut fleastern regions of Yakutia V A Taxiovskii Nauch soub IAFAN SSSR no 8 69-18 162

# YAKUTIA—GEOLOGY, STRATIGRAPHIC

Correlation of cross sections of Upper Pre-Cambrian of western part of Verkhoyansk Range and Uchar-May-sk regions B. G. Voronov and others. Dokt AN 555R-1/1 no. 4 027-9 30. D. 166.

#### YAKUTIA—IRRIGATION

Slovy, L.N. [Hydraulic structures for agriculture in central Yekulta] Gidi otekhnicheskie soonusheniin dha sel'skogo khozinisva TSenti i'nol tAkutif. IAkutsk, IAkutskoe knizhnee izd-vo, 1963, 52 p.

#### YAKUTIA—EOMORPHISM (CRYSTALLOGRAPHY)

Isomorphic series of V. I. Vernadskij in kimber lite piper of Yabutan N. T. Uklonskaja Nauch, trudy Fashtili uo 234,Geol nauki no 20,57-61 ¹61

#### YAKUTIA-KIMBERLITE

Genesis of strontium minerals in kimberlife pipes in western Yakutia - I, P. Hupm, Trudy Min muz. no. 12 212-217 461

Isomorphic series of V. I. Vernadskii in kimber lite pipes of Yakutia N.T. liklonskaja Nauch trudy ThahQii no 234 Gool nauki no. 20 57 61 61.

Paraelements of kimber life pipes of Yakutin N.T. Uklonskala. Nauch trudy FashGU no 234 Geol. nauki no 2062-67 '64.

Practice of using the induction method in contouring kimber lite pipes in a plane. G. D. Balakshin, P. N. Men'shikov. Razved, I okh nedi 26 no. 8 53-54 Ag

#### YAKUTIA-PARASITES-GROUND SQUIRRELS

Composition and distribution of the helminths of the long-tailed suslik (Citelius undulatus) in Yakutia, N. M. Gubanov, IU V Labutin, Nauch soeb IAFAN SSSR no 8 111-116 '62

#### YAKUTIA-PASTURES AND MEADOWS-IRRIGATION

Condition of basin snow-water irrigation of meadows in Central Yakutia A. I. Den in Nauch, soob IAI AN SSSR no 8 63-68 '62

#### YAKUTIA-REINDEER BREEDING

The needs of reindeer breeders. N. Semenov. Part, 4hizn' no 3 67-68 F '67

### YAKUTIA-SABLES-FEEDING AND FEEDS

Experiment in feeding artificially introduced sables M. S. Mellennov Nauch soob MATAN SSSR no. 8 93-96

# YAKUTIA--SEISMOLOGY

Kochetkov, V.M. [Setsmicity of Yakutia] Setsmichnost' Moskva, Nauka, 1966 90 p

### YAKUTIA-STRONTIUM

Genesia of strontium minerals in kimberlite pipes in western Yakutia 1, P liupin Trudy Min, muz. no. t?

# YAKUTIA-WORMS, INTESTINAL AND PARASITIC

Composition and distribution of the helminths of the long-tailed suslik (Citellus undulatus) in Yokutia, N. M. Gubanov, IU V. Labutin, Nauch soob IAFAN SSSR no 8,111-116 162

### YAKUTSK-SOILS

Characterization of the soils of Yakutsk, L.G. Elovskaid Nauch. soob IAFAN SSSR no. 8,35-38 '62

# YANA RIVER-FISHES-FOOD

Some data on the food of fishes in the Yana River basin E A. Streletskaia, Nauch, soob IAFAN SSSR no 8:107-

# YANA RIVER-WHITEF BUES

Morphological and biological characteristics of the Siberian herring (Coregonas sardinella) of the Yans River. D A. Lepeshkin. Nauch, soob IAFAN SSSR no. 8 97-102 162.

Whitefish Coregonus tugun of the Yana River. A.S. Novikov. Nauch. soob. IAFAN SSSR no. 8-103-100 '62.

### YANGTZE VALLEY-AGRICULTURE

Development of agriculture in the lower reaches of the Development of agriculture in the lower reaches of the Yangtze River in the period of the Sul and Tiang dynastics" by Shih Nien-hai Abstract from "Hen wentsa chih" no. 1 1950 by R. N. Sikacheva Sovi. kit. lit. poobshchesty, naukam no. 42:68-71 '61.

### yarega region (komi a.s.s.r.)—oil wells-SAFETY MEASURES

Industrial testing of PZhV-20 ammonite in mines of Yarega Petroleum deposits. V. L. Baron. Vzryv. delo no. 60/17:156-159 166.

Determining the properties of hemp varid on the holds of high kell formulas (M. I. Foldoevin, A. N. Hardenson, Nauch, riss) trudy TSNIHAV 22:185-197, http://doi.org/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/1

Yaroslavl, city on the upper Volga, V. E. Čura V. Gor kho', Mosk, 11 no.1 35-39 Ju 187.

# YAROSLAVI.—BOOKSTORES

Work with old editions. V. Abro Amov. I of the range 17 no. 11 12-13 N 166.

#### YAROSLAVI.—INDUSTRIAL BUILDINGS—DI SEGI AND CONSTRUCTION

Difficulties of a very important construction property. Khanchev. No strot Ros. 1 no. 6 20 ct. A.

Paterprise has been constructed in one and chalf you M. Kats. V. Grak. Na stroit Ros. 1 no 5 1/24

#### YAROSLAVL PETROLEUM REFINERIES DE BERN AND CONSTRUCTION

Advantageous to assemblers, I Asterination Special Ros. 5 no 18 9 Mil 16)

# YAROSLAVI, PROVINCE—GEOLOGICAL TIMI.

Geological age of audiments of audiont Mological at Lake. ICh A. Aralanov and others. Dold ASS of the no 1:161-164 Ja 167.

#### YAROSLAVI, PROVINCE-SOILS-TITANIUM CONTENT

Titanium content of soils of Varoslavi Prayince 11, 1 Dobritskaia, Porhvovedenie no. 3,95 h) 1 M; 18 h

#### YEAST

Characteristics of yeasis used for the production of the production feed in our woodpulp industry whate it is a Semushim, N.I. Monakhim, Glarelle, it is not become from 15 no 5 7-10 My 182.

Pifect of some monomers on the biological functions of yeast cells subjected to bradiation III, P. Ku 1... A 1 Gorlit, F. Burnwistell Radiobiologija 2 no \$51 %

From the work practices of the production of habet of venus from undanges defilier's wort. R. A. R. C. (2) skill, V. A. Skripka, Term. 1 spirt, prom. 11 ar., 3 in 36 (67).

Measuring device for mosh, N.H. Morozov, J.ht. 1, 4 kond. prom., 11 no.1, 39-40 in 187.

Natural variability and nelection of none at all a extra a --yeard. M. Kh. Shigaeya R. Z. Amantaeya. Ridel. t kond prom. 10 no. 12:75-26 19 168 New methods of controlling the quality of converses t yeard. N. M. Semilhattova, M. V. Malyylan - Edg. t kond prom. 11 no. 1 d0-31 Ja 101

# YEAST-CULTURES AND CULTURE MEDIA

Controlled feeding of the medium in Continuous (1) 1, of feed years, M. IA. Kallarlays, T. A. Helmarka, S. V. Popova, Shor, trud. NRGS 11:87-44 http://doi.org/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016/10.1016

Criterion of the biological similitude in analying it a said of the biomans synthesis by feed yearst under ser let a continuous multiplication. K. P. Andrew. trud. NIIGS 14.79-86 '65,

Isolation and study of some proportion of year graph at 40-45°. L.G. Loglaova, I.N Pozmogava, I.M Sonoglao, Mikechlologija 35 no. 6:1024-1047 Propose

Rhodotorula flava B-322 yeast as on Indicator of paramino-benzoic acid, 5. V. Zhukova, E. N. O. But and Dokl. AN SSSR 172 no. 31706-708 Jan 184

Significance of endogenous and exogenous control, in term in argosterol biosynthesis by yound. T. S. Litter at Mikrobiologiia 36 no. 81860-808 N-1) ing

Variability of cytochrome systems in yous! V. () ter-nova. E. N. Mokhova. N. A. Pomosholmtkova. File: 14 logita 35 no. 6444-968 N.D. 188.

# YEMEN—INSCRIPTIONS, BABAEAN

A recently found fragment of a Sabean interigitive of U.-Makarrib period. A. G. Landin Palest above 10: 1 47-53 '66.

# YENAKIYEVO (DONETSK PROVINCE)---COKE

in the Venakiyevo Coke and Coal Chamicals Clant ; A Shullzhenko Koks i khim no 7:58 '02'

#### YENESEY GOVERNMENT-FEBRUARY REVOLUTION. 1917

Soliders of the Venisey Government on the east of during the February bourgeofs-democratic report from 1918 to March 1917. V.V.Kim. Trudy True 158-87-90 165.

# YENEEY-OSTIAKS see Kels

# YENBEY RANGE—GEOLOGICAL TIME

Genesis and age of slope block-rock debyls-loam at 'a monts in northern part of Yenisoy Range and northern or or part of Eastern Sayan, S. P. Gornhkov, Part 35c SSSR 172 no. 33605-608 da '07.

# YENGEY RANGE-MINERALS

Significance of crystallomorphology of accessed y man-erals for solution of problems of petrology of introduc-formation of Yonisey Hange, L.L. Kornov Mrs. above formation of Yonizey Range, L L Kornov 20 no. 4-599-602 166

# YENEEY RANGE-ROCKS, IGNEOUS

Significance of crystallonior phology of accessory minetals for solution of problems of privology of intrusive formations of Yennsey Range I L. Komov Min about 10 no 4·599-602 166

# YENDEY RIDGE --- PEGMATITES

Getzircen in alkalı peginatites. I'. I Semenov, Frudy IMGRE no. 4 85-89 '60

### YENBEY RIDGE -ZIRCON

Getzircon in alkalı pogmatites 11 f, Semenov Frudy IMGRE no. 4 85-89 '60

#### YENGEY VALLEY-BAUXITE

Prospects for finding bauxites in the middle of the Bakhta and Malaya Bakhtinka Basins O.G. Shuhatin, V.L. Iranov Inform bud NHGA no. 15 61-71 159

#### YENDEY VALLEY-KIRGHIZ

Arsynatov, Alygai. [History of political relations be-lacen the YeniBey Kirghiz and Russia in the 17th and the first fail of the 18th century.] Iz istor it politicheskikh otooshenit einiseiskikh kingizuv a Rossiel v XVII-pervot polivine XVIII vv. [n. p. ] Izd-vo Kyrgyzstan, 1966

#### YEREVAN see Erivan

# YERGENI HILLS-SOLONE TZ SOILS

Changes in the physical properties of Solonetz soils of the Yergeni Hills caused by shrubs. A I Vadiumus Pochrovedance no. 1 31-30 Ap 460.

#### YERUSLAN RIVER-SHIPPING

Utilization of the Bol'shoy is gir and Yousslan Rivers in transportation P. D. Buchin, K. P. Chentsov, Kh.T. Murselimov. Rech transp 20 no 7:11-15 Jl 61.

Staniukovich, K. V. [On the trail of an astonishing mystory; from the diary of an expedition] Po sledam udivitel not zagadii, iz dnevnika ekspeditsii. [Moskva] Moloduia gvardiis, 1965. 197 p. (CU)

#### YOSHKAR-OLA-CONSTRUCTION INDUSTRY

Barglers from Yoshkar-Ola, Na stroi Ros - 1 no. 9 22

YOUNG COMMUNEST LEAGUE see Communist Youth

# MUTUOY

(see also subdivision under Germany, West)

Digolty, VI. Lidin. Agitator no 17:54-57 \$ 162. the duty of fraternal friendship. III, Loktev. Mol. tomm. no 4 114-117 266.

"Our children will fight even better...." M. Mukhamed-zhmov. Mol komm no 1 11-18 '66.

# YOUTH-EMPLOYMENT

Ict's start our offensive, Ict's go to the construction sites of communism! Mol. komm no. 12 3-7 D 481.

On the ali-Union youth rally. Sov torg, 40 no. 12:3

Train young personnel catefully Sov. long 10 no. 12 4-7 D 166.

# YOUTH IN LITERATURE

Astray from the general line. A. Vlasenko, Mol, komm. no 12:136-123 D '61,

# YOUTH MOVEMENT

Trainin, A.S. [The Botshevik Party as the leader of the resolutionary movement of the young workers in 1917] Partila bel'shevikov - rukovodite!' revollutsioningo dizhenila rabochot molodozhi v 1917 godu. Krasnodar, Krasnodarskil gos. pedagog. in-t, 1965, 174 p. (CSt-11)

### YTTERBIUM-METALLURGY

Ianhano- and coriothermic reduction of ytterbium oxide, G. G. Gvelebiam, A. A. Nadicadze, Izv. AN SSSR, Met, no. 1/218-218 Ja-F 167.

# YTTRUM ALLOYS

Peramagnetism of Tb-Y and Ho-Y alloys. G. A. Shafigal-lina. V. I. Chechernikov. I. A. Markova. Vost. Mork. un. Sei. 3; Fiz., astron. 21 no. 6;96-97 N-D '66.

## YTTRIUM COMPOUNDS

Crystal structure of the rhombohadral modification of the YAI3 compound, I. I. Zalutakyi and others Dop, AN URSR no. 10:1267-1290 '86.

YITRUM-DYSPROSIUM ALLOYS see Dysprosiumvitrium alleys

### YTTRIUM ISOTOPES-SPECTRA

Studying Y⁸⁵ and Sb¹¹⁸ radiation. K. A. Baskova and others. Vest. Mosk un. Sci. 3; Fiz., astron. 21 no. 6; 15-18 N-D 166.

YTTROFLUORITE see subdivision under Asia, Central

#### YUAN, CH'UNG-HUAN, d. 1630

'Yuan Ch'ung-huan's patriotic Ideas" by Ya Kung, Abstract from "Shih hadeh yueh k'an" no 5 1960 by V. I. Kudhin Sovi, kit lit poobshchesty, naukam no 42 43-

YUGOSLAV STATESMEN ace Statesmen, Yugoslav

# YUGOSLAVIA—APARTMENT HOUSES—DESIGN AND CONSTRUCTION

"IMS ZHFZHFL!" method. Dorde Mesarovic. Stroi. i arkhit, Len 29 no 1 32-34 Ja 167.

#### YUGOSLAVIA—BIBLIOGRAPHY

[New literature on Yugoslavia] Nov. III. po lUg. no. 1 *67.

#### YUGOSLAVIA-COMMERCE-RUSSIA

Soviet-Yugoslav trade relations. Vnesh torg, 46 no. il-

YUGOSLAVIA—ECONOMIC POLICY Characteristics and forms of the administration of the Yugoslav national economy. B. Biagogevic, V Krulj. Sov.gos 1 pravo no 1 108-113 Ja '67.

#### YUGOSLAVIA---EDUCATION

Short reports. Nar. obr. no. 1:10) Ja '57.

#### YUGOSLAVIA—HISTORY

Position of the class forces in Yugoslavia in 1944 and 1945 L. IA, Gibianskii Sey slav. no. 1-3-18 '67

### YUGOSLAVIA-INDUSTRIAL MANAGEMENT

Characteristics and forms of the administration of the Yugoslav authoral economy, B. Magorevic, V. Krulj, Sov. gos. I pravo no. I 106-113 Ja 167,

#### YUGOSLAVIA-SOIL FORMATION

Characteristics of soil formation on limestones and the fundamentals of their classification. M. Ciric. Pochyovedente no.1;70-78 Ja 167

#### YUZINO-SAKHALINSK-SWINE

Scalding or skinning? L. Ben'kovakil. Zakup, sel'khov. prod. no. 12:34 D '66.

#### ZABOLOTNYI, DANIIL KIRILLOVICII, 1806-1029

D. K. Zebolotnyi; on 100th anniversary of his birth. V. I. Bilai Mikrobiologija 35 no.0;iii2-iii4 N.-D 66.

## ZABOLOTSKII, NIKOLAI ALEKSEEVICII, 1003-1958

Turkov, A. M. Nikolal Zabolotskii. Moskva, Khudozh. 111-12, 1966 141 p (CIY)

#### ZAGONEK, VIACIESLAV FRANTSEVICH

At the canvasce of Vlacheslav Zagonek, N. Prokoffeva, P. I bilkova, Iskusstvo 29 no. 12,20-23 166.

# ZAGORANY (WHITE RUSSIA)-WORLD WAR, 1039-

Heroic defense of the Zagorany Fortress, P. Maslov, Voen, -tat, zhui. 9 no, 1-13-47 Ja 467.

#### ZAILIYSKIY ALATAU see Trans-lii Alatau

### ZALKA, MATE, 1896-1937

A fine name, a high honor. Toodor Gladkov. Mol. komm. no. i 108-112 466

#### ZAMANKUL OIL FIELD-PETROLEUM GEOLOGY

Mode of occurrence and properties of Mesozoic oil in Zamankul oil field, V.I. Konovalov, V.P. Krymov, Geol, neftl i gaza 10 no. 12:33-35 D 456.

## ZAPADNAYA DVINA see Western Dylna Valley

#### ZAPOROZH'YE PROVINCE-LABOR REST HOMES

That is the way they rest in Zaperozh'ye. IV, i ishevskii Sov. profesiuzy 23 no.1330 Ja $^{+}67,\,$ 

### ZAPOROZH'YE PROVINCE-LEISURE

That is the way they test in Zaporozh'yo. 1U. Fishevskii. Sov.profsoluzy 23 no.1;30 Ja '87.

# ZARDABI, GASAN-BEK MELIKOV, 1837-1907

Character of G M Zai dabi's philosophy, Z, B, Geiushev Nauch, doki, vys. shkoly, filos, nauki 4 no. i;134-139

# ZAVAL'NIUK, LEONID

Friends and enomics, V. Sorgeev, Nov. mir 38 no. 10-230-240 O 62.

# ZDANOVICII-MAIASIIVILI, GEORGII, 1854-1917

Georgians in the liberation movement of Russia in the second half of the 10th century; Georgii Zdanovich-Maiashvili. I. G. Antelava. Soob. AN Gruz. SSR 44 no. 3;839-844 D '66.

## ZEMSTVO

Advanced training and specialization of zemsive physicians, on the 60th anniversary of Leningrad Institute for Advanced Training of Physicians. V. Ch. Brzheskii. Sov med. 29 no. 11:138-140 N '66.

Catalytic conversion of 1-sthyl-1-cyclopentanol in the presence of hydrogen zeolites and analetms. Rh.I Areshidze, T. N. Cherkviani, A. V. Dolidze Soch. AN Giuz. 58R 44 no 2-297-304 N '66.

Comparative characteristics of some zeolites based on mhaned spectroscopy data and the form of molecular Lond in natiolite valer. G. V. IUV houselet and others Gookhunua no.10 849-854 [6]

Removal of oxygen impulity from argon on synthetic zeolites G. A. Golovko and others. Soob. AN Gruz SSR 41 no 2:289-296 N 66

Separation of cerum (3) and yttrum ions by electrodialy-sia through zeplit, membranes, V. A. Khokhlov, V. V. Serebrennikov Trudy TGU 185 50-62 '06

Statistical thermodynamics of adsorption equilibrium for zeolites. V 1. Bakaev. Dokl. AN SSSR 167 no. 2:369zeolites, V 1 372 Mi 166,

Structural changes in synthetic sodium zeolites of chab-zate-ginelinite group. F. F. Senderov, J. N. Stiishakky ( Izv. AN SSSR Sei khim no. 1465-157, Ja. 167,

#### ZERAVSHAN RANGE REGION-LANDFORMS

An attempt to analyze the morphological structure of the landforms of piedmont plains and the characteristics of their study, piedmont plains of the western part of the Zeravshan Range. I. Alibero. L.v. Uzb. fil. Goog. ob-va 9:78-83 '66,

#### ZERAVSHAN VALLEY-STOCK AND STOCKBREEDING

Development of stockbreeding in the Zeravsham basin, K. Abirkulov, Izv. Uzb. fel. Geog. ob va 9:107-111 466.

#### ZETKIN, KLAHA, 1857-1933

Our Klara, Fli-aveta Drabkina, Nov. vrem. 25 no.10: 3-5 Mi 167

# ZETKIN, KONSTANTIN

Rosa Lucemburg on art, from letters written to Konstantin Zetkin Vop. 1st 5 no 9 186-196 S '61,

#### ZHADIN, VLADIMIR IVANOVICH, 1896-

Viadimii Ivanovich Zhadin; on his 70th birthday and 50th anniversary of his scientific, pedagogie, and social activity. 1A.1 Statobogatow. Gidrobiol. zhur. 2 no.6 3-5 166.

#### ZHDANOV, GFRMAN STEPANOVICH, 1900-

German Stepmoyich Zhdanov; on his 75th birthday Vest. Mosk. un. Ser. 3 Fiz. . astron. 21 no 6:116-120

# ZHELIGOVSKII, VLADISLAV ALEKSANDROVICH

Anniver sary of Academician of the All-Union Academy of Agricultural Sciences V. A. Zheligovskii, Trakt i sellkhozmash, no. 13 of cover Ja 167.

# ZHDANOV---ROLLING MILLS

Construction of a '1160" stabbing mill in Zhdanov. A IA. Saenko, Prom stroi, 39 no 12 5-8 161

# ZHELEZNIKAOV, ANATOLII GRIGOR'EVICH, 1895-

Sailor of the revolution, A Pydokimov. Voen, znan, 43 no. 1,14 la '67,

# ZHIGANSK DISTRICT---PHYTOGEOGRAPHY

Vegetation of Zhigansk District, L. A. Dobretsova. Nauch soob, IAFAN SSSR no. 8 3-25 '02,

# ZHIMERIN, DMITRII GEORGIEVICH, 1906-

D. G. Zhimerin; on his 60th birthday. Flek. sta. 37 no. 12,88 D 166.

#### ZHITOMIR PROVINCE—PALYNOLOGY Spores and pollers in sediments preceding the Upper

Cretaceous in Zhitomir Province Geol, zhur 21 no 2 102-103 '51 1F. T. Lonnieva

# ZHURA, KUZ'MA DANILOVICII, 1897?-

Professor K. D. Zhura's 70th birthday. Sakh, prom 41 no. 1:15 Ja 167.

### ZHURAVSKII, ANDREI MITROFANOVICH, 1894-

Professor A.M. Zhuravskii, on his 70th birthday. Zap. LGI 13 no 3:3-8 *04

# ZIL'BER, LEV ALEKSANDROVICH, 1804-1966

Lev Aleksandrovich Zilber (1894-1996); an obluary. Zhur mikrobiol., epid. i immun. 44 no. (1955-197 Ja 197.

Mechanism of zinc passivation in strong zincate solutions of alkali, T.I. Popora, N.A. Simonova, B. N. Kabanov, Elektrokhimlia 2 no.12:1478-1479 D '66.

Unit for zinc regeneration, M.1A, Egorova, Prom. Bel. 10 no. 2.33 F 167.

#### ZINC --- ANALYSIS

Russia (U.S.S.R.) Komitet standartov, men 1 izmeri-tel'nykh priboj ov [Zinc, methods of chemical analysis] TSink, metody khimicheskogo analyza, GOST 11684-65-GOST 11689-66 [zd ofitsfall'noc. Moskva, izd-vo Standartov, 1966, 38 p (SSSR, Gosudarstvennye standarty

#### ZINC-COBALT ALLOYS

Special features of a simultaneous discharge or zine and cotalt from sulfate solutions. G. N. Znamenskii, A. F. Maranko, V. V. Stender. Zhur prikl khim. 31 no 6. 1305-1311. Je. [6]

#### ZINC-COPPER ALLOYS see Copper-zinc alloys

ZINC ELECTRODES see Electrodes, Zinc

ZINC-GOLD-SILICON ALLOYS see Gold-zmc-silicon

#### ZINC HYDROXIDE

Propriation of zine pooles by electrolysis of zine hydroxide all aline pulp. V. A. Shormanov, T. I. Kunin, Izv., ys., uchch zav., khim i bhim, teth 9 no. 5 789-801

ZINC INDUSTRY-PRODUCTION STANDARDS see subdivision under Chimkent

#### ZINC METABOLISM

Zinc metabolism in cells of the hemopoietic system in proliferative diseases - V P Laykovich and others Probl gemat 1 perel Provi 40 no 42 32-35 D 465,

ZINC ORES see subdivision under Baikal Lake region, Transbarkalia

#### ZINC OXIDE

Kinetics of zinc ovide reduction by metallic n on from silicate melts. A I, Okunev, V M, Chambrev, Dokl-AN SSSR 172 no l 153-155 Ja 167.

# ZINC PLATING

ZINC PLATING
Simultaneous effect of various absorbed particles on
Authoritonical sinc ion reduction 1, T, Vagramian, V. S. Titova Zashch met 3 no 1402-104 Ja-F 167

TSikol', D N., M.P.Gracheva, and A.M IAmpol'skii.
[Noncyanide electrolytes for bright zinc plating] Netsianistye elektrolity blest aschego tsinkovanija Leningrad, 1966 15 p (Leningradskil dom nauchno-lekhnicheskol propagandy Perdovol proizvodstvennyl opyt Sei ia Uluchshenie kachestvat, povyshenue nadezhnosti i dolgo-vechnosti mashin, pi iborov i drugikh pi omyshlennykh

Zinc plating of internal surface of pipings, G G Mashits-kit, N D khokhiova Tekh Lorg proize, no 6 66-67 N-D '66

#### ZINC STEARATE

Zinc = 6 arates, M. S. Levit, G. V. Polkovníkova Musl. - zhii prom 32 no 11 32-33 N 166

#### ZINC TELLURIDE CRYSTALS

Electroluminescence of ZnTe I K. Vereshchagin, V V. Guts. Izv vys ucheb.zav., fiz. 0 no 6:143-111 %6

# ZININ, NIKOLAI NIKOLAEVICH, 1812-1880

Gumilevst il, L.I. Zinin. Moskva, Molodaia gvardita, 1965. 289 p. (Zhizat zamechutel nykh liudei. Serila biografii, no. 9(404)) (FTaSU)

#### ZIRCON

(See also subdivision under Caucasus, Northern, Kokehetav Upland, Mugodzhar Hills, Timan Range, Transbaikalla, Ut al Mountain region, Ut al Mountains; Yenisey Ridge)

Generations of accessory zircon. P. IA, Marchenko, E.P Gurov Min shor, 20 no 1.593-595 166,

Problem of morphology of accessory zircon G Hoppe Min, shot 20 no. 1 554-558 '66

#### ZIRCON-SPECTRA

Diagnostics of minerals of intanum-zircon placets using method of infrared spectroscopy A I Boldyrev, L I Morozova Min shor 20 no. 2 272-279 '66.

#### ZECONATES

Rare earth zirconates and their physicochemical proper-ties. Report No. 3: Some regularities in the formation, physicochemical and technical properties of zirconates, A, K, Kuznetsov, E, K, Keler, Izv, AN SSSR, Ser, Phim, no 12-2073-2079 '66,

#### ZIRCONIUM-ANALYSIS

Separation of zn confum from the sum of fussion fragments, 1, 7, Krisukin, N, I Usacheva, Rediokhimila no 6,709-710 '66

#### ZIRCONIUM COMPOUNDS

Existence of multiple bonds Zr=0 and III=0 in solutions of complex zirconyl and hafnyl saits I. P.Lipatova, F. 1 Semenova. Izv AN 555R Ser khim no. 1:6-9 Ja 167

Perchlorates of zirconyl and hafnyl, M. M. Bel'kova and others Trudy TGU 185 161-167 165.

### ZIRCONIUM DIOXIDE—THERMAL PROPERTIES

Enthalpy and the heat capacity of Arreonium dioxide in 1100° - 2500°K temperature range, V.A.Kirillin and others. Teplofiz, vys.temp. 4 no.5.878-879 N-D 466

#### ZIRCONIUM PHOSPHATES

Dehydration of 1-pentanol and eyetoka who I in the part one of encontum phosphate (V,Z) sharf and others ence of enconium phosphite V 2 Shuffan I'v AN SSSR Set klim no 1 16-19 Ja (67

#### ZIRCONY L COMPOUNDS

Chingo- and oxalate containing compounds with the confligioup. It. M. zaitsev, V. N. Nochenbuya. Zhan nempt. khim. 12 no. 1133-136. Ja. 4,7

#### ZNAMENSK DISTRICT-OAK

Growth of oak on grey forest soils and under shelter helts of the Chernyy Let (A/b), shab now Lev vys webs heavy (less zhur  $(9/n0.6,35\text{-}37)^{-1}66$ 

Crystallization of an input following electric blay ream 2t mg Report No 2 - HI, N. Manaster and other 6 - I x vy 5 in heb, 2ax 5, therm, met. 10 no.1 61-69 264

Unit for zone cleaning of high-meiting metals. V. k. Popov, B A Popovich Pick obj mit no, Islii 95 466

#### ZOOGEOGRAPHY

Petrov, O.V. [Zoogeography with the principles of zoology, a methodological manual for students of evening at i gy, a meaning the manager of the geography department of state universities. Zoogeografia s osnovani zortogit, metodicheskoe povoble dila izuchenita kursa student uni vecheruego i zaorbnogo otdelenita geografia koskogo fakulteta gosudat sivennykh universitetov. [Lanlagrafi] Izd-vo Leningr, univ , 1966 68 p

# ZOOLOGICAL MUZUMS see subdivision under Ukrabio

#### ZOOLOGY-VARJATION

Study of spontageous mutation rate in manner than cell calture. N. I. Shapito, O. N. Petrova, A. F. Khalize. Genetika no. 12 5-47 - 466.

#### ZOOPLANKTON

(see also subdivision under Antarctic Ocean, Black Sea, Caspian Sea, Nadar Lizevi, Take, Georgia

Construction of self-description can be by using radio-carbon method. V. I., Kaler, R. Z., Kovalevsk da., Mikrobiologija 35. no. 64100-1103 N-1) 466.

Pormation of a new entrance in the Zuyata Cave. 1. A. Shimanovskii. Peshchery no 2 41-45-462.

Zygote induction in crosses of typing and nontyping att (1) of Eacher ichia coli - A. P. Pekhov, G. N. Pofulding - Zhat mikrobiol, , epid, t immun - 44 no. (141-44 %) (6)